

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074925.D
 Acq On : 17 Oct 2022 18:56
 Operator : JC\MD
 Sample : VN1017WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

Quant Time: Oct 18 03:07:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	305365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	644339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	342452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	383189	47.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	8.177	113	299652	46.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	10.571	98	1255312	47.416	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.853	95	378223	49.173	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	114272	19.722	ug/l	100
3) Chloromethane	2.383	50	172003	21.281	ug/l	97
4) Vinyl Chloride	2.530	62	236670	18.682	ug/l	92
5) Bromomethane	2.942	94	193917	21.117	ug/l	100
6) Chloroethane	3.119	64	175786	18.074	ug/l	94
7) Trichlorofluoromethane	3.507	101	173374	19.612	ug/l	84
8) Diethyl Ether	3.989	74	77479	19.707	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	101671	19.786	ug/l	95
10) Methyl Iodide	4.613	142	137663	19.901	ug/l	96
11) Tert butyl alcohol	5.554	59	177988	101.536	ug/l	99
12) 1,1-Dichloroethene	4.360	96	99728	19.542	ug/l	96
13) Acrolein	4.207	56	154187	89.260	ug/l	90
14) Allyl chloride	5.048	41	209215	21.169	ug/l	97
15) Acrylonitrile	5.748	53	438862	95.754	ug/l	100
16) Acetone	4.460	43	346389	91.468	ug/l	96
17) Carbon Disulfide	4.730	76	231099	17.839	ug/l #	96
18) Methyl Acetate	5.060	43	274190	19.875	ug/l	94
19) Methyl tert-butyl Ether	5.818	73	405109	20.269	ug/l	98
20) Methylene Chloride	5.307	84	132485	19.958	ug/l #	82
21) trans-1,2-Dichloroethene	5.812	96	110484	19.200	ug/l #	89
22) Diisopropyl ether	6.689	45	445310	19.852	ug/l	97
23) Vinyl Acetate	6.624	43	1647464	103.542	ug/l	99
24) 1,1-Dichloroethane	6.589	63	237025	19.564	ug/l	93
25) 2-Butanone	7.506	43	602547	95.550	ug/l	98
26) 2,2-Dichloropropane	7.501	77	180740	18.243	ug/l	99
27) cis-1,2-Dichloroethene	7.506	96	133294	18.570	ug/l	94
28) Bromochloromethane	7.824	49	128972	21.835	ug/l	97
29) Tetrahydrofuran	7.854	42	392904	91.501	ug/l	96
30) Chloroform	7.971	83	228589	19.404	ug/l	95
31) Cyclohexane	8.271	56	203375	19.521	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	190877	19.136	ug/l	98
36) 1,1-Dichloropropene	8.383	75	162677	19.405	ug/l	97
37) Ethyl Acetate	7.571	43	231581	19.121	ug/l	97
38) Carbon Tetrachloride	8.377	117	155896	18.372	ug/l	99
39) Methylcyclohexane	9.606	83	200630	19.420	ug/l	93
40) Benzene	8.618	78	540554	19.524	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.795	41	124414	18.265	ug/l	98
42) 1,2-Dichloroethane	8.683	62	179544	18.740	ug/l	98
43) Isopropyl Acetate	8.701	43	377993	18.843	ug/l	99
44) Trichloroethene	9.359	130	112630	19.043	ug/l	95
45) 1,2-Dichloropropane	9.630	63	153717	20.045	ug/l	98
46) Dibromomethane	9.718	93	93474	19.037	ug/l	98
47) Bromodichloromethane	9.895	83	186569	20.297	ug/l #	98
48) Methyl methacrylate	9.618	41	175679	19.108	ug/l	99
49) 1,4-Dioxane	9.700	88	68974	397.878	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1271002	97.829	ug/l	99
52) Toluene	10.636	92	338904	19.986	ug/l	95
53) t-1,3-Dichloropropene	10.842	75	200496	19.280	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	210484	18.737	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	135568	18.949	ug/l	94
56) Ethyl methacrylate	10.877	69	221146	19.294	ug/l	98
57) 1,3-Dichloropropane	11.165	76	247600	19.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	482918	89.870	ug/l	99
59) 2-Hexanone	11.200	43	949293	97.526	ug/l	99
60) Dibromochloromethane	11.365	129	134587	19.877	ug/l	98
61) 1,2-Dibromoethane	11.471	107	136085	19.364	ug/l	98
64) Tetrachloroethene	11.106	164	91250	19.145	ug/l	96
65) Chlorobenzene	11.894	112	358343	19.366	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	123664	18.835	ug/l	97
67) Ethyl Benzene	11.965	91	628574	18.682	ug/l	99
68) m/p-Xylenes	12.077	106	491675	39.112	ug/l	95
69) o-Xylene	12.400	106	236713	18.540	ug/l	95
70) Styrene	12.412	104	397231	19.790	ug/l	98
71) Bromoform	12.577	173	94935	19.639	ug/l #	97
73) Isopropylbenzene	12.700	105	633024	19.406	ug/l	98
74) N-amyl acetate	12.494	43	352606	19.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	233267	18.727	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	198594m	20.518	ug/l	
77) Bromobenzene	12.983	156	133693	18.771	ug/l	99
78) n-propylbenzene	13.036	91	755549	19.956	ug/l	96
79) 2-Chlorotoluene	13.130	91	432641	18.424	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	524124	19.571	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	82611	20.516	ug/l	87
82) 4-Chlorotoluene	13.224	91	394978	19.143	ug/l	96
83) tert-Butylbenzene	13.441	119	465158	18.980	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	520217	20.241	ug/l	100
85) sec-Butylbenzene	13.618	105	660087	19.660	ug/l	99
86) p-Isopropyltoluene	13.730	119	498714	19.579	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	238932	20.292	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	222993	17.926	ug/l	95
89) n-Butylbenzene	14.059	91	420473	19.833	ug/l	96
90) Hexachloroethane	14.335	117	96733	18.394	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	221447	18.830	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	36633	18.089	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	103117	18.734	ug/l	99
94) Hexachlorobutadiene	15.500	225	52345	19.924	ug/l	97
95) Naphthalene	15.641	128	444532	18.730	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	104252	18.146	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

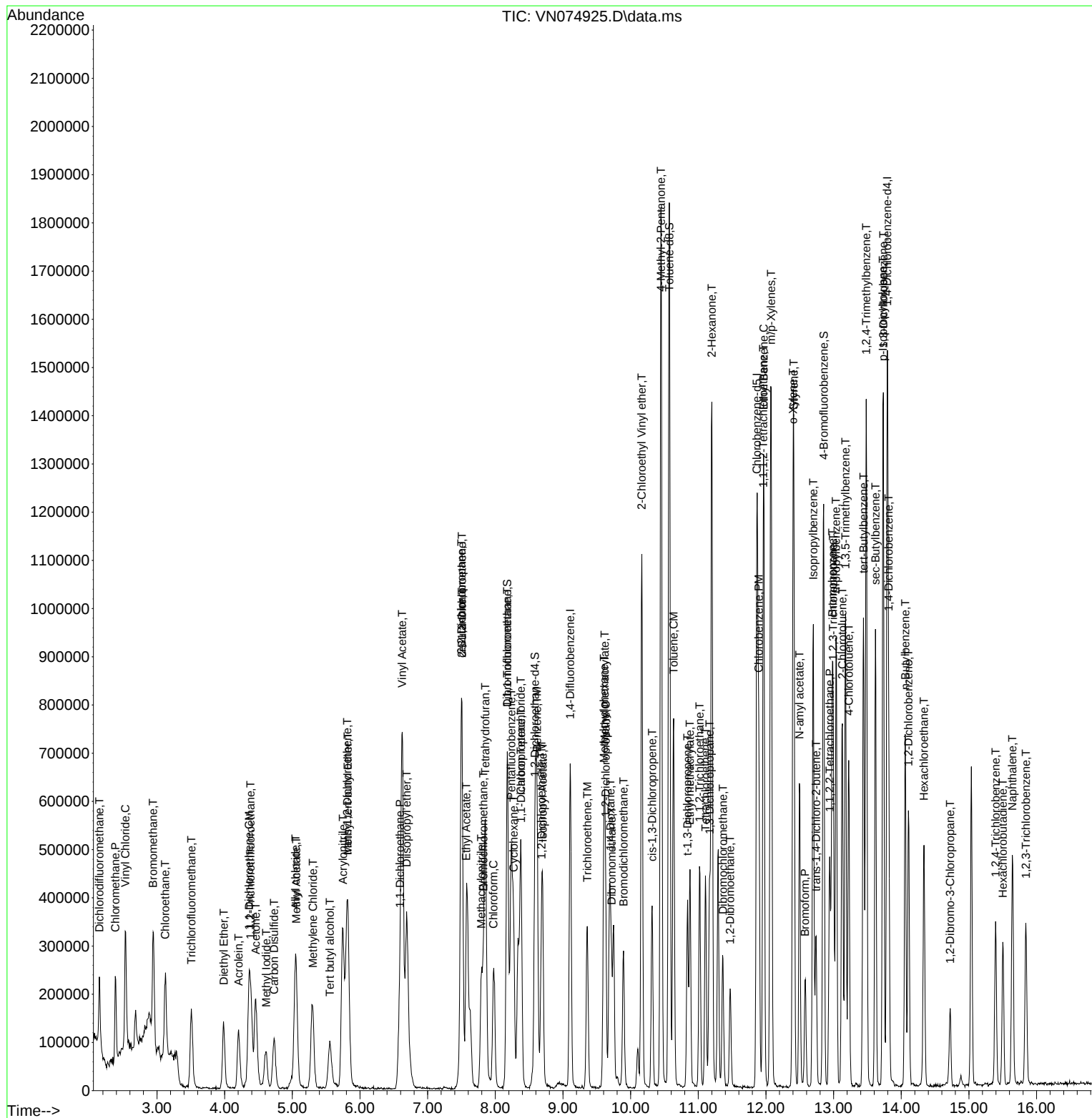
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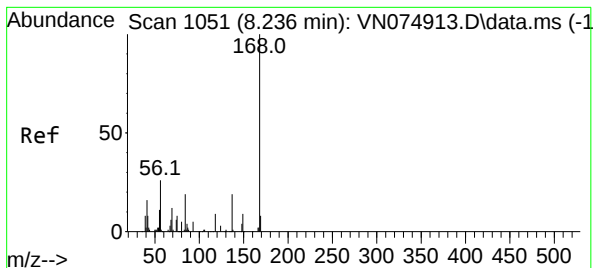
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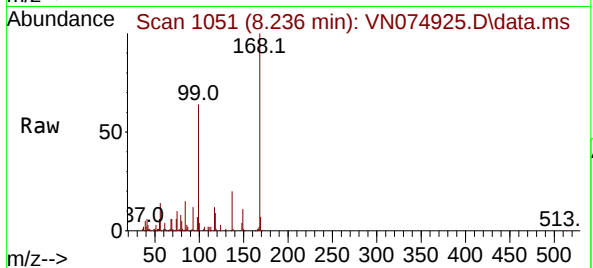
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
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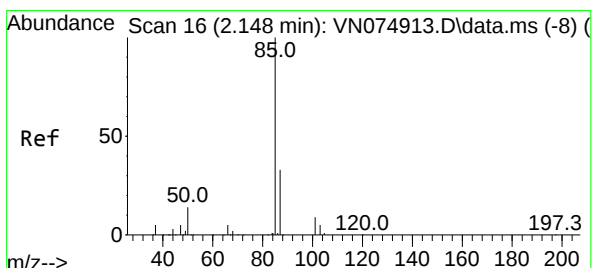
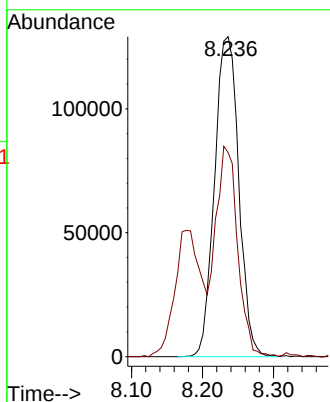
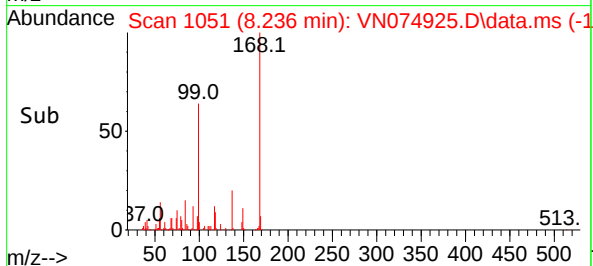
Instrument :
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Tgt Ion:168 Resp: 30536
Ion Ratio Lower Upper
168 100
99 63.6 47.6 71.4

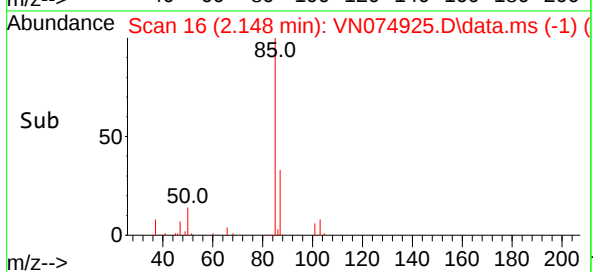
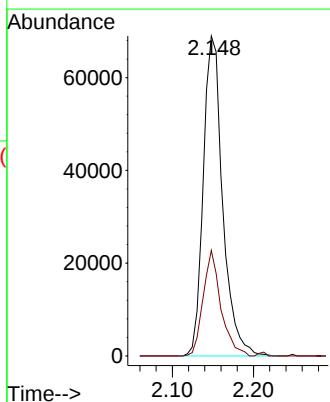
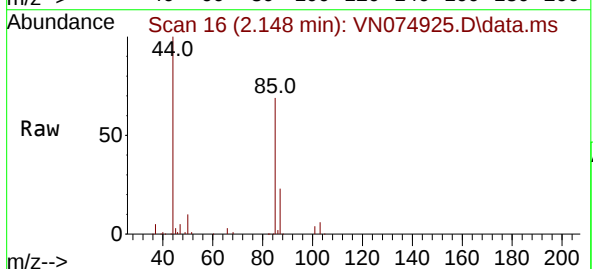
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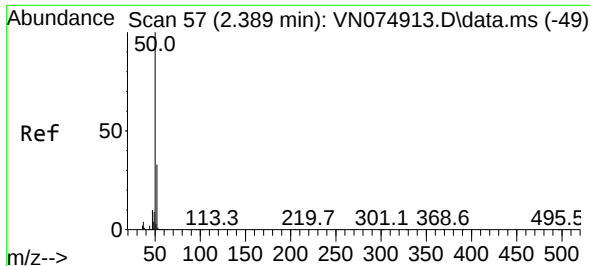
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#2
Dichlorodifluoromethane
Concen: 19.722 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

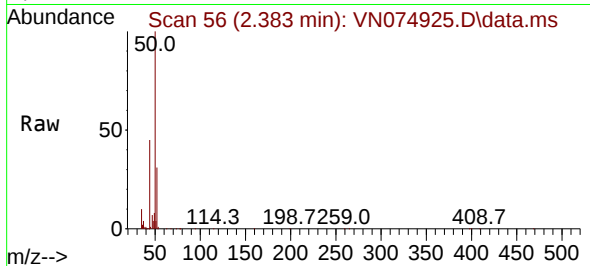
Tgt Ion: 85 Resp: 114272
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1





#3
Chloromethane
Concen: 21.281 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

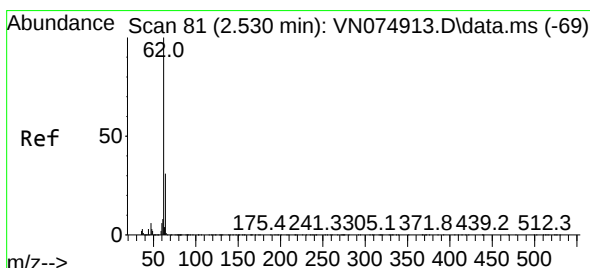
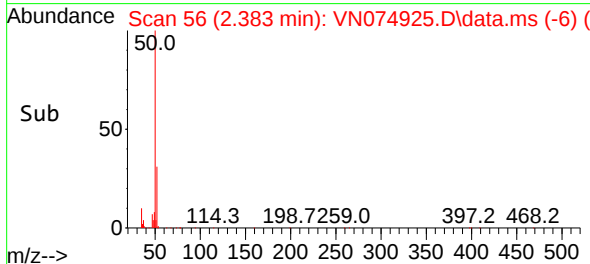
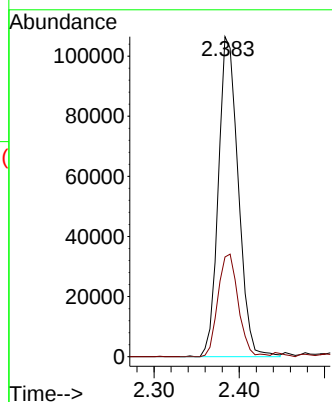
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Tgt Ion: 50 Resp: 17200
Ion Ratio Lower Upper
50 100
52 31.1 26.1 39.1

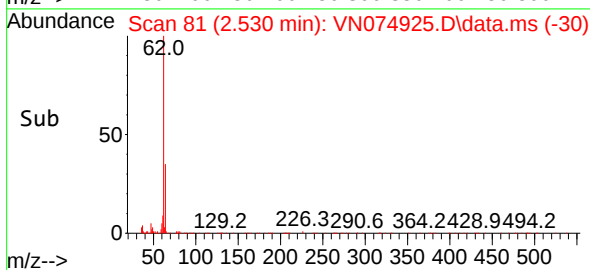
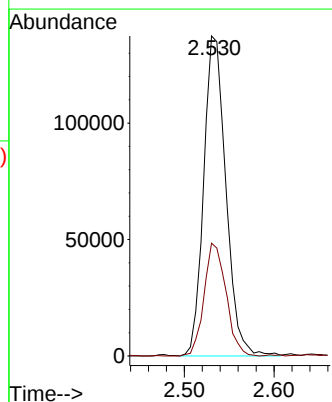
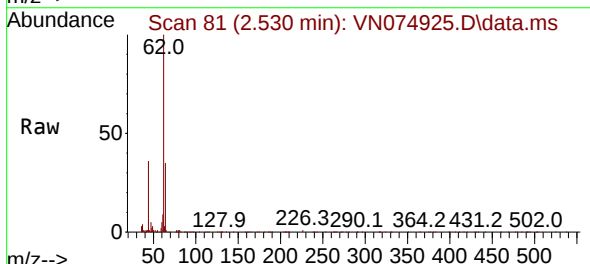
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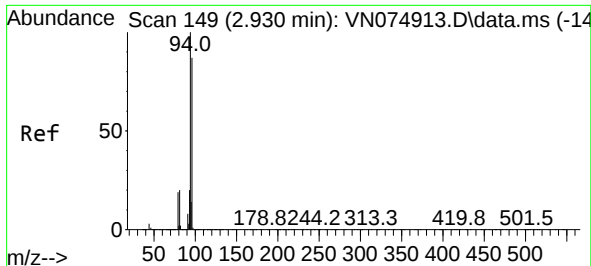
Reviewed By :John Carlone 10/18/2022
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#4
Vinyl Chloride
Concen: 18.682 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

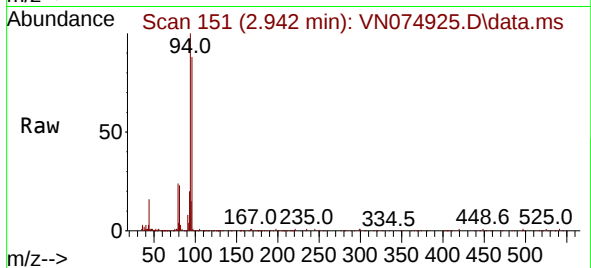
Tgt Ion: 62 Resp: 236670
Ion Ratio Lower Upper
62 100
64 35.3 24.8 37.2





#5
Bromomethane
Concen: 21.117 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

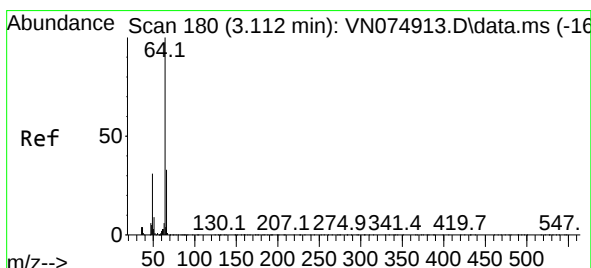
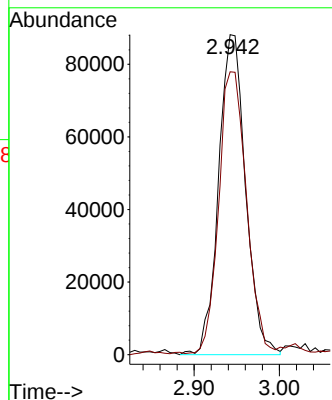
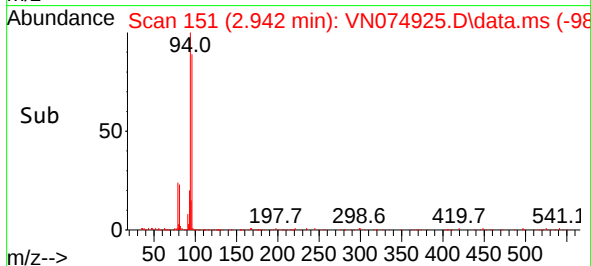
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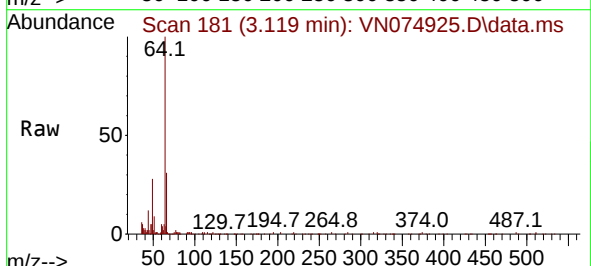
Tgt Ion: 94 Resp: 19391
Ion Ratio Lower Upper
94 100
96 87.7 70.0 105.0

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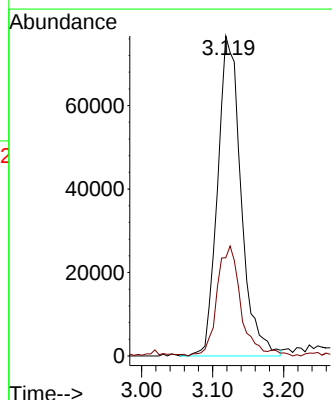
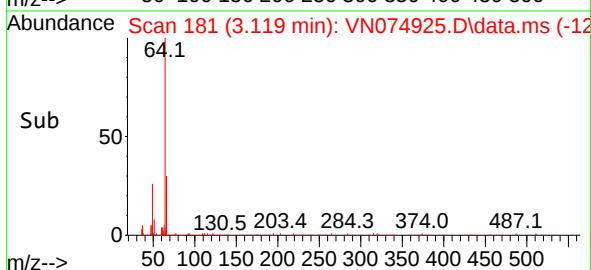
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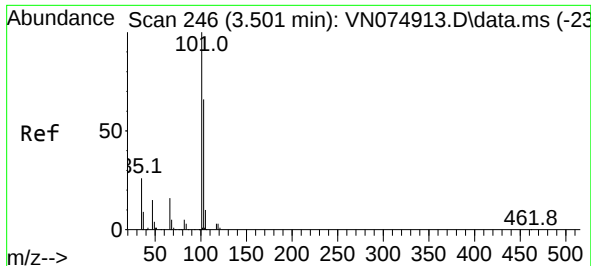


#6
Chloroethane
Concen: 18.074 ug/l
RT: 3.119 min Scan# 181
Delta R.T. 0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



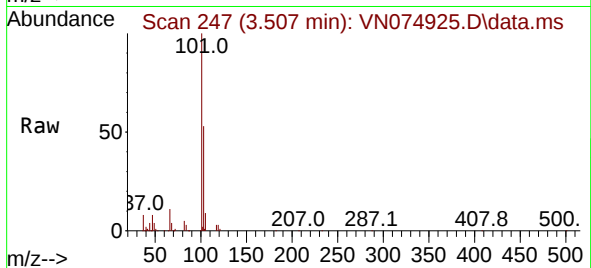
Tgt Ion: 64 Resp: 175786
Ion Ratio Lower Upper
64 100
66 30.3 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 19.612 ug/l
 RT: 3.507 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN074925.D
 Acq: 17 Oct 2022 18:56

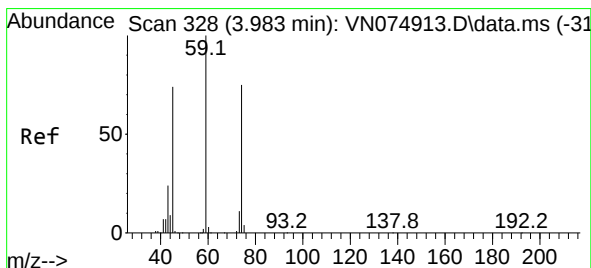
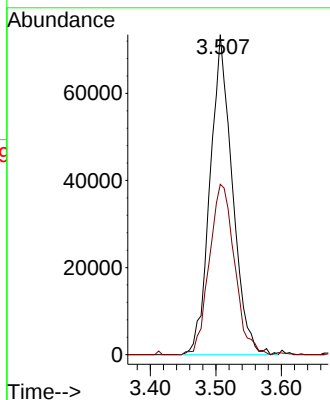
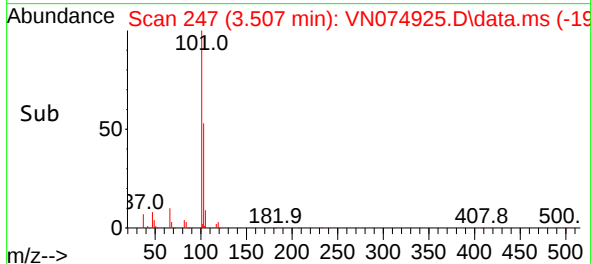
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Tgt Ion:101 Resp: 173374
 Ion Ratio Lower Upper
 101 100
 103 53.2 52.9 79.3

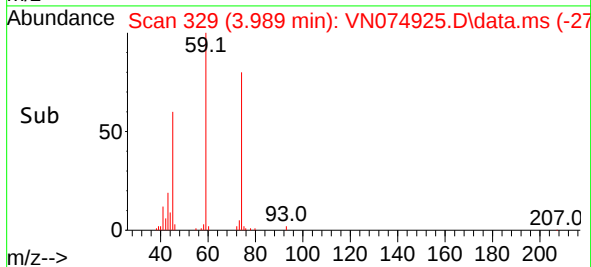
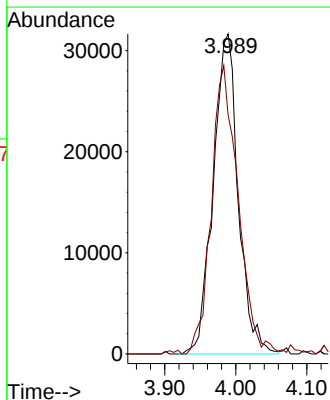
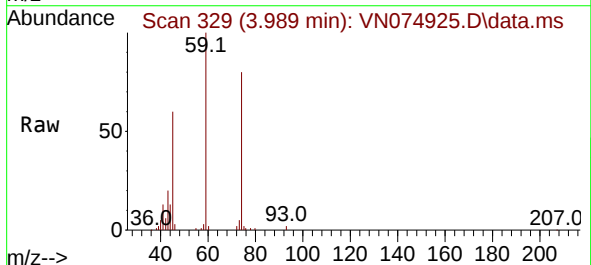
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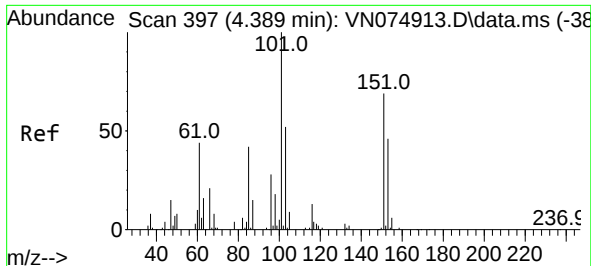
Reviewed By :John Carlone 10/18/2022
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#8
 Diethyl Ether
 Concen: 19.707 ug/l
 RT: 3.989 min Scan# 329
 Delta R.T. 0.006 min
 Lab File: VN074925.D
 Acq: 17 Oct 2022 18:56

Tgt Ion: 74 Resp: 77479
 Ion Ratio Lower Upper
 74 100
 45 95.9 49.4 148.2





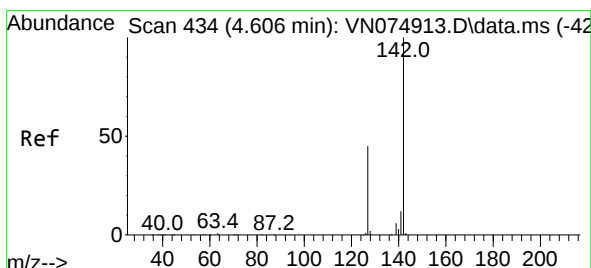
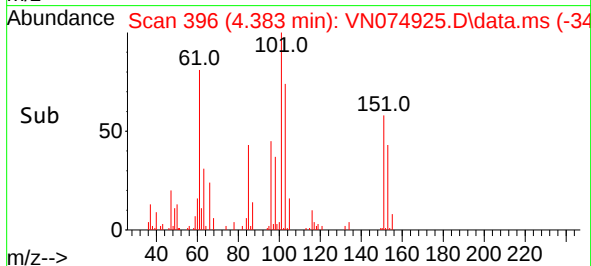
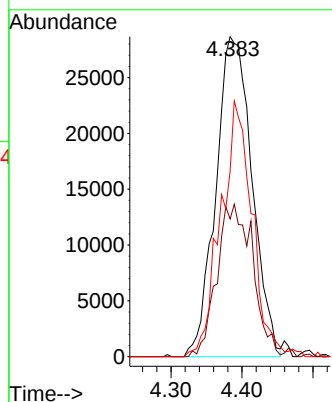
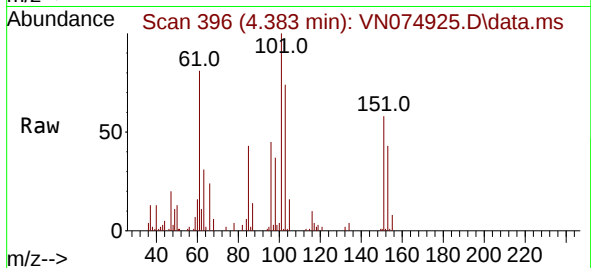
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.786 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion:101 Resp: 10167
Ion Ratio Lower Upper
101 100
85 47.0 40.6 60.8
151 68.9 57.9 86.9

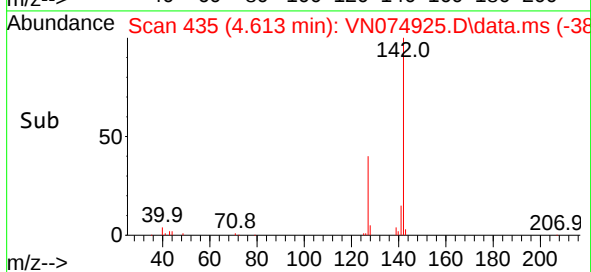
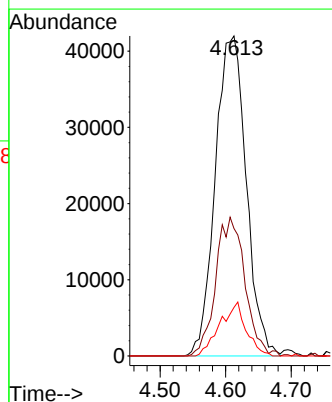
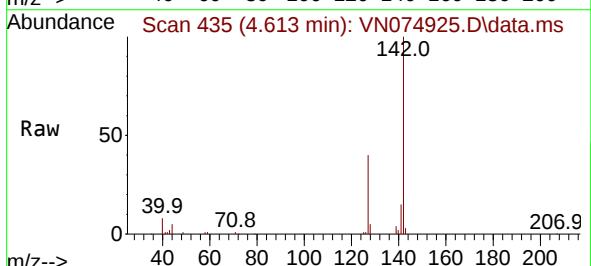
Manual Integrations
APPROVED

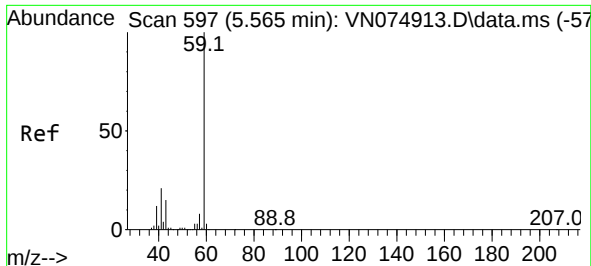
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 19.901 ug/l
RT: 4.613 min Scan# 435
Delta R.T. 0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

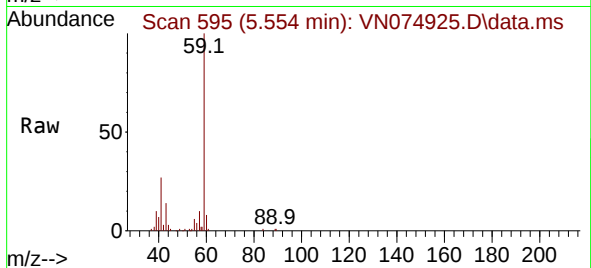
Tgt Ion:142 Resp: 137663
Ion Ratio Lower Upper
142 100
127 41.0 35.2 52.8
141 14.3 11.8 17.6





#11
Tert butyl alcohol
Concen: 101.536 ug/l
RT: 5.554 min Scan# 597
Delta R.T. -0.011 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

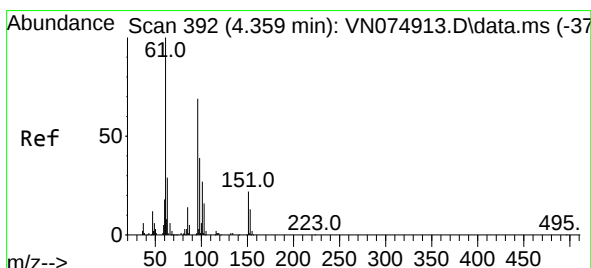
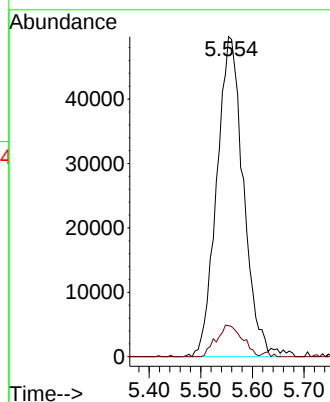
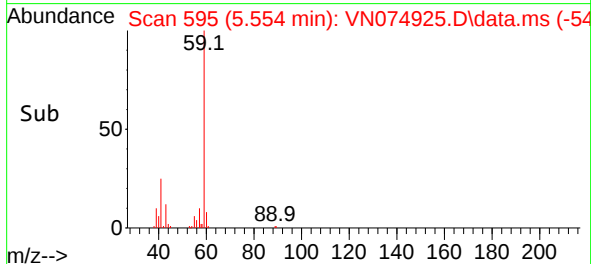
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



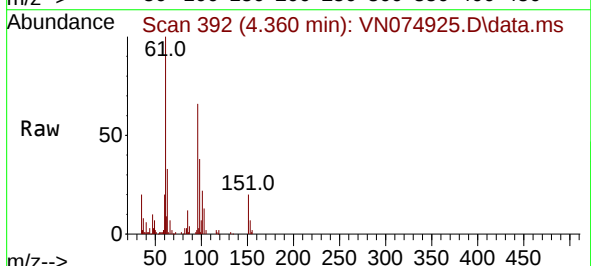
Tgt Ion: 59 Resp: 177988
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.8

Manual Integrations
APPROVED

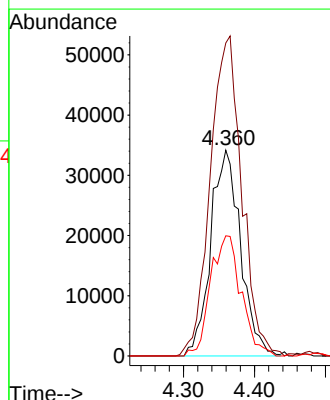
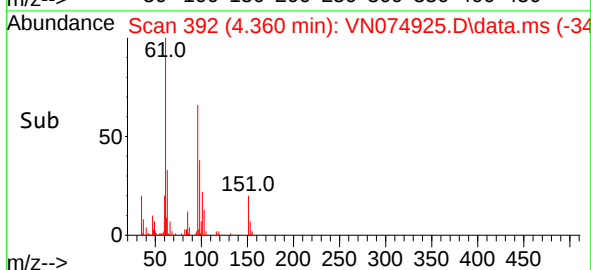
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

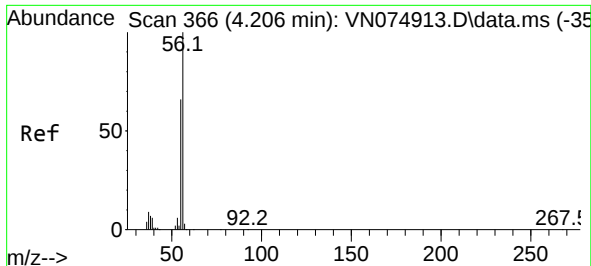


#12
1,1-Dichloroethene
Concen: 19.542 ug/l
RT: 4.360 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



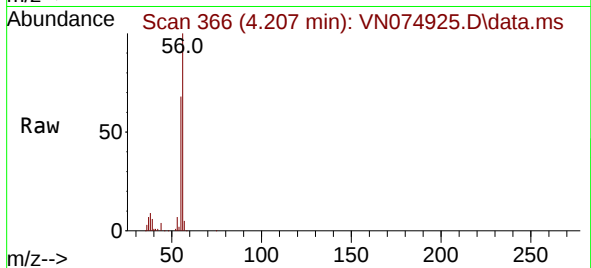
Tgt Ion: 96 Resp: 99728
Ion Ratio Lower Upper
96 100
61 151.4 116.7 175.1
98 58.4 45.4 68.0





#13
Acrolein
Concen: 89.260 ug/l
RT: 4.207 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

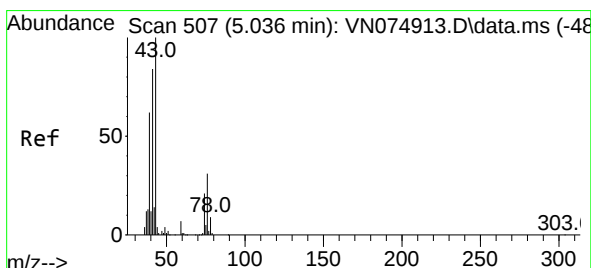
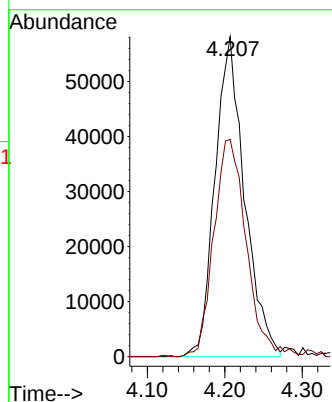
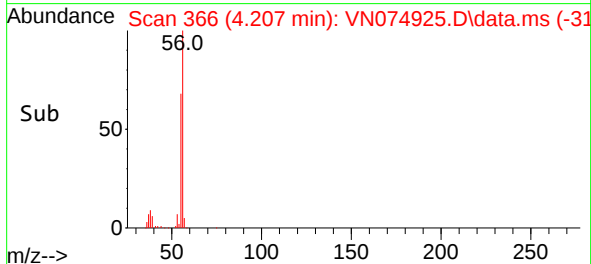
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 56 Resp: 15418
Ion Ratio Lower Upper
56 100
55 74.5 53.4 80.0

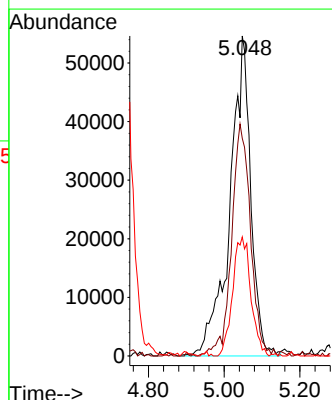
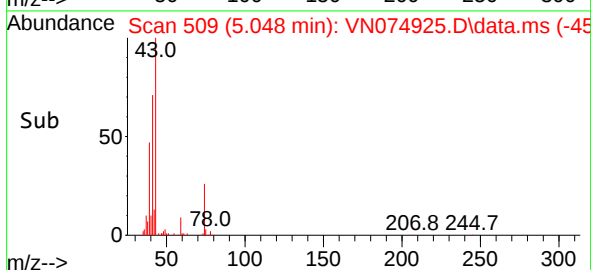
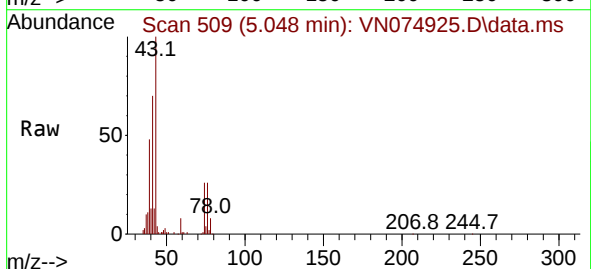
Manual Integrations
APPROVED

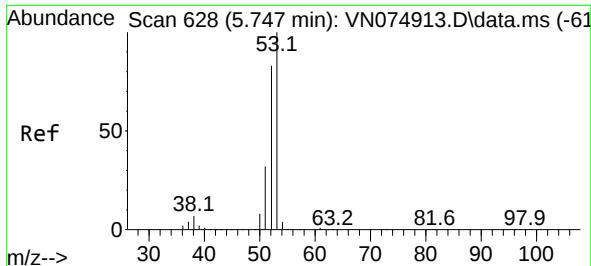
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 21.169 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

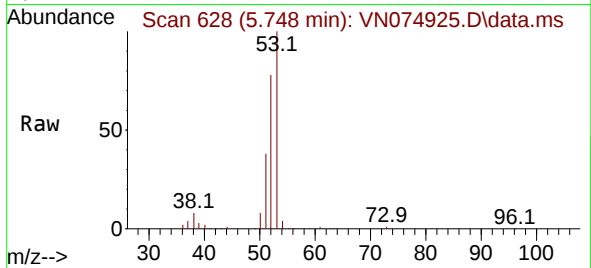
Tgt Ion: 41 Resp: 209215
Ion Ratio Lower Upper
41 100
39 65.4 54.7 82.1
76 32.3 25.5 38.3





#15
Acrylonitrile
Concen: 95.754 ug/l
RT: 5.748 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

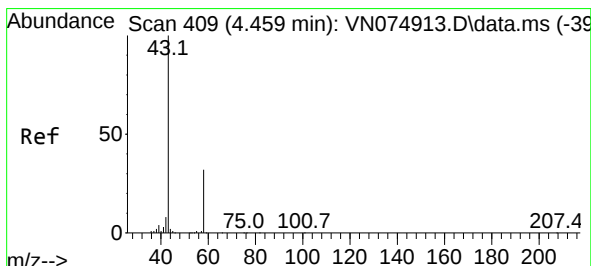
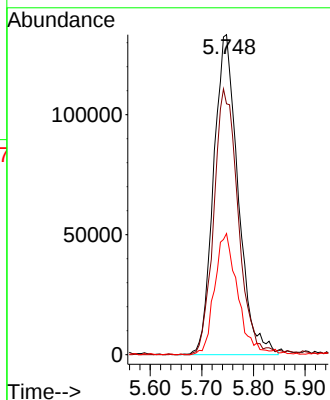
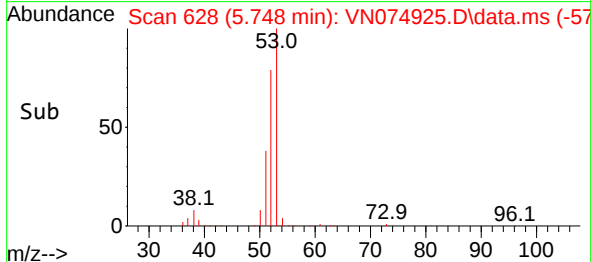
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



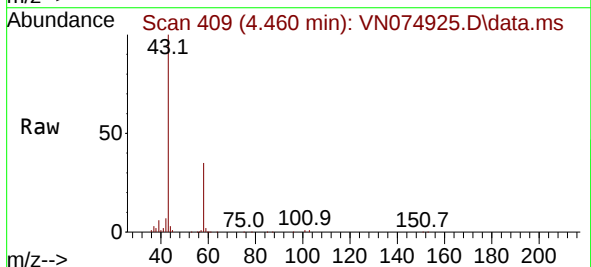
Tgt Ion: 53 Resp: 438862
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 36.2 28.5 42.7

Manual Integrations
APPROVED

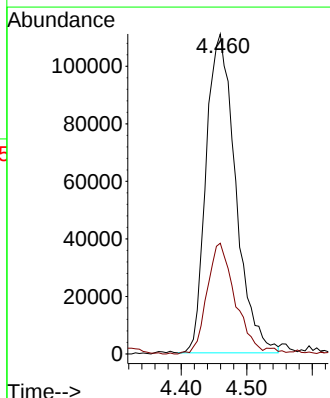
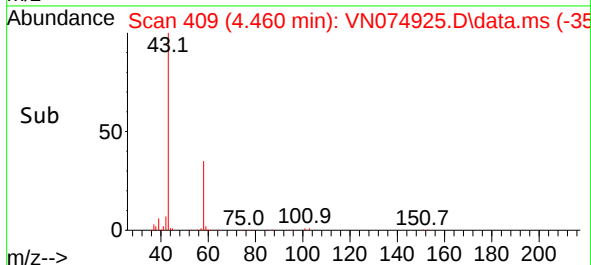
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

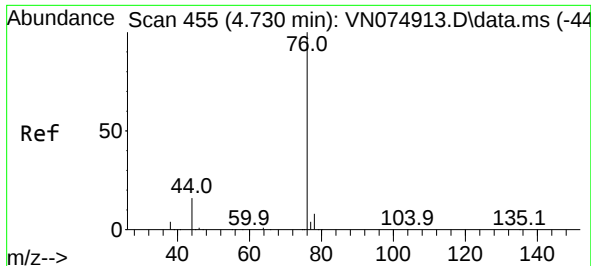


#16
Acetone
Concen: 91.468 ug/l
RT: 4.460 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



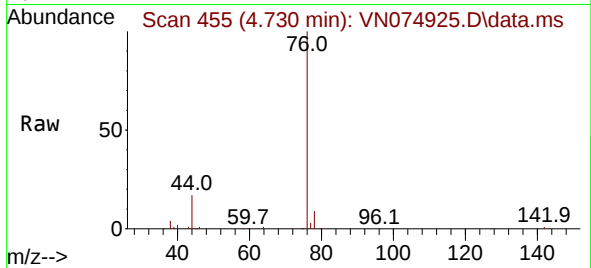
Tgt Ion: 43 Resp: 346389
Ion Ratio Lower Upper
43 100
58 34.7 25.8 38.8





#17
Carbon Disulfide
Concen: 17.839 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

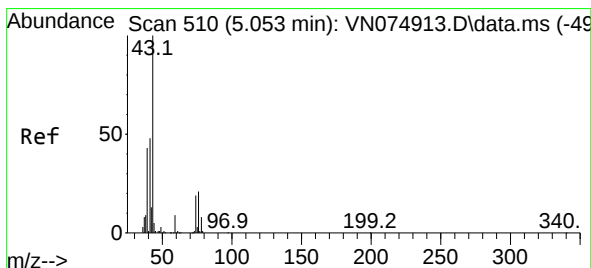
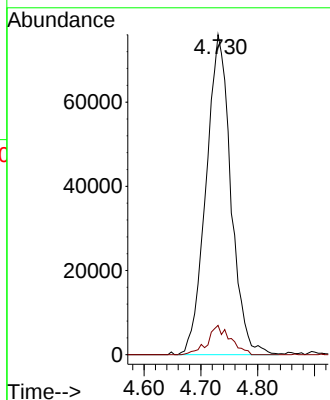
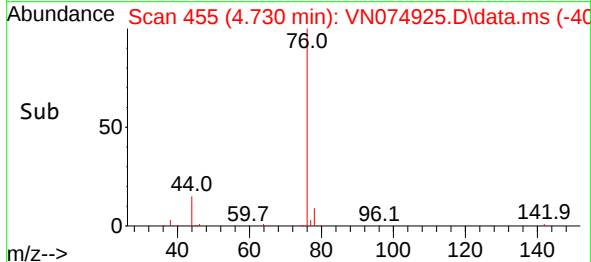
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



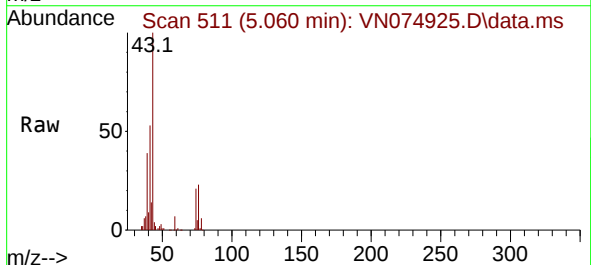
Tgt Ion: 76 Resp: 231099
Ion Ratio Lower Upper
76 100
78 9.2 6.1 9.1

Manual Integrations
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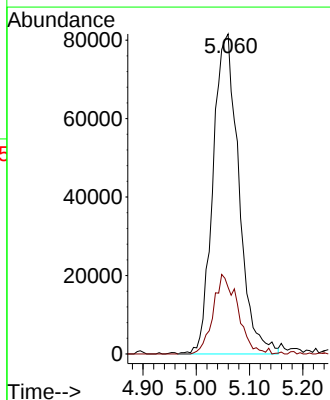
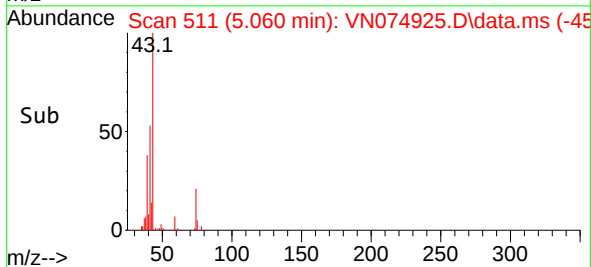
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

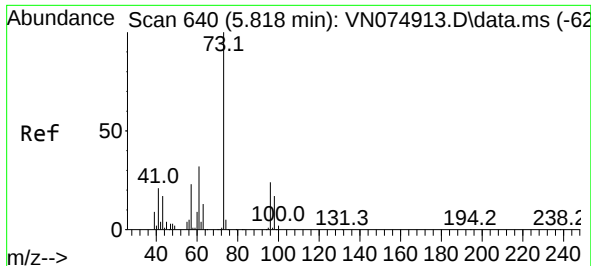


#18
Methyl Acetate
Concen: 19.875 ug/l
RT: 5.060 min Scan# 511
Delta R.T. 0.007 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



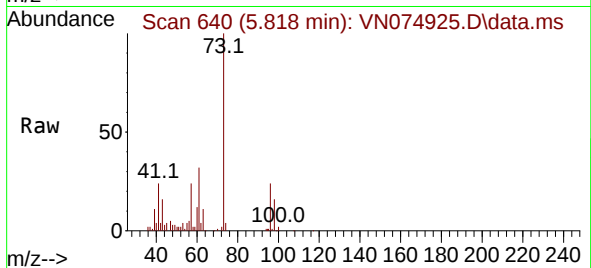
Tgt Ion: 43 Resp: 274190
Ion Ratio Lower Upper
43 100
74 23.9 17.0 25.6





#19
Methyl tert-butyl Ether
Concen: 20.269 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

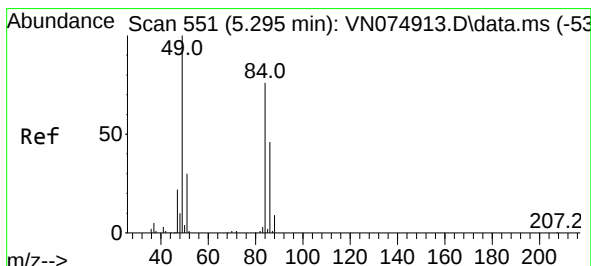
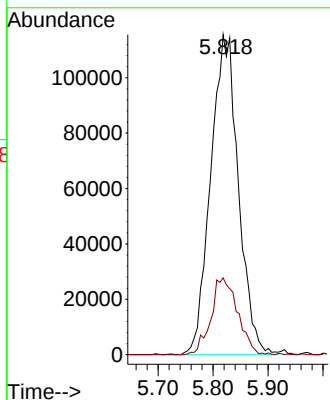
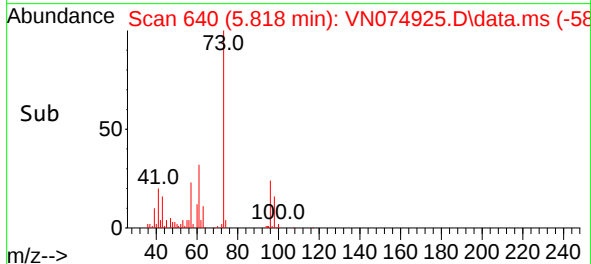
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 73 Resp: 405109
Ion Ratio Lower Upper
73 100
57 24.0 18.4 27.6

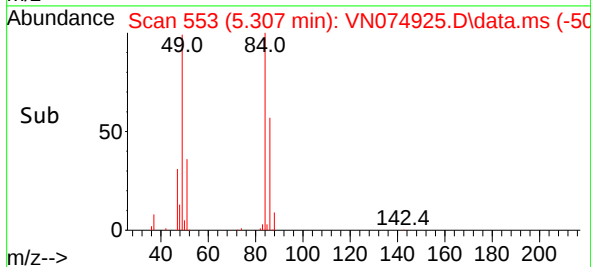
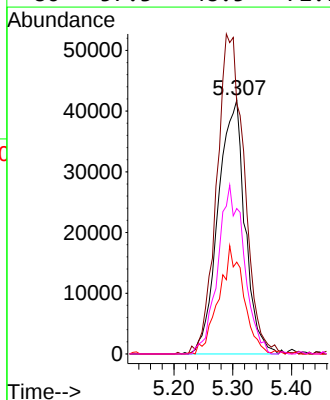
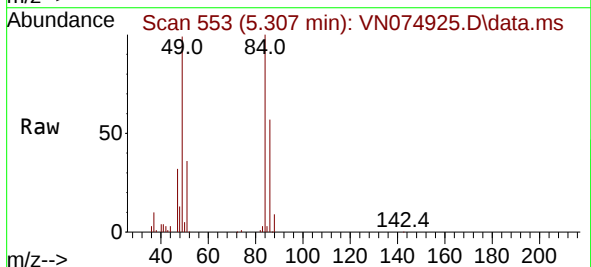
Manual Integrations
APPROVED

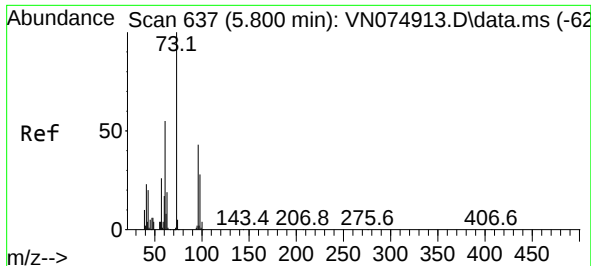
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 19.958 ug/l
RT: 5.307 min Scan# 553
Delta R.T. 0.012 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

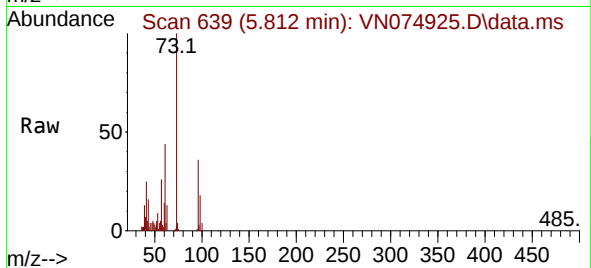
Tgt Ion: 84 Resp: 132485
Ion Ratio Lower Upper
84 100
49 98.0 104.6 156.8#
51 36.2 31.8 47.8
86 57.3 48.5 72.7





#21
trans-1,2-Dichloroethene
Concen: 19.200 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

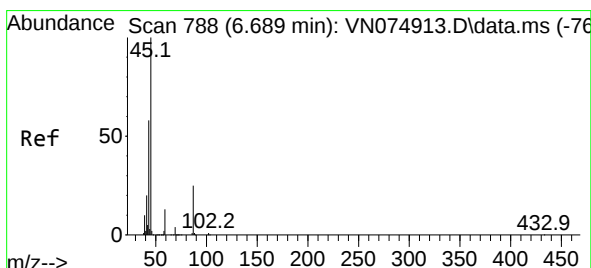
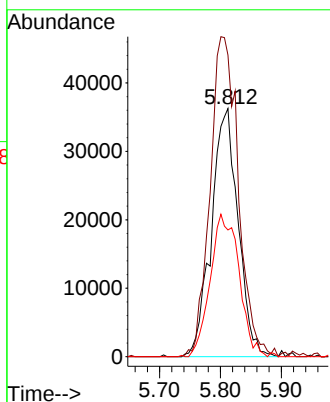
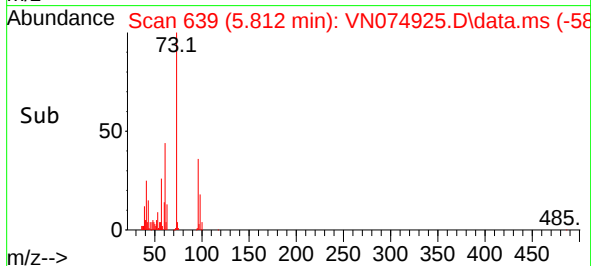
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 96 Resp: 110484
Ion Ratio Lower Upper
96 100
61 121.5 104.3 156.5
98 51.1 51.9 77.9

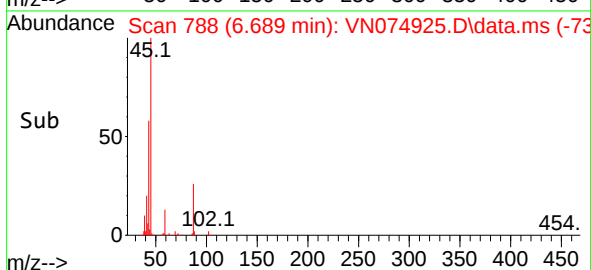
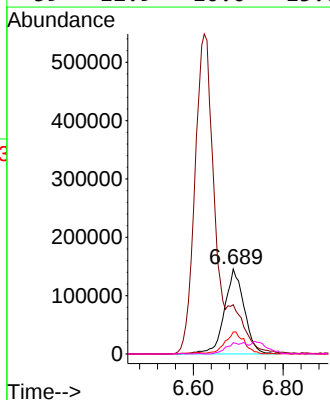
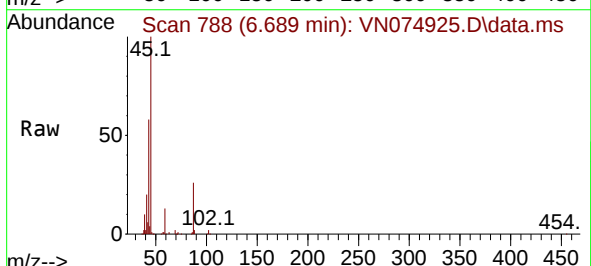
Manual Integrations
APPROVED

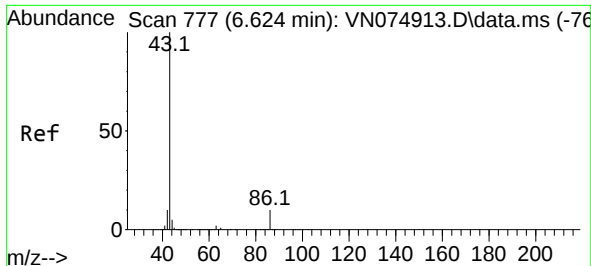
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#22
Diisopropyl ether
Concen: 19.852 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

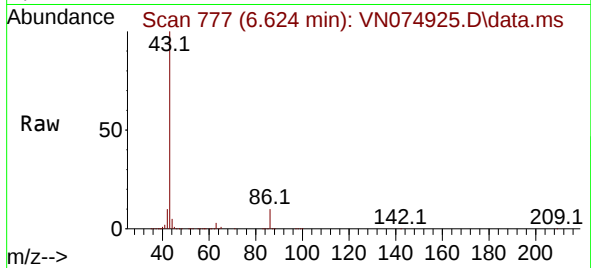
Tgt Ion: 45 Resp: 445310
Ion Ratio Lower Upper
45 100
43 56.4 47.3 70.9
87 25.7 20.1 30.1
59 12.9 10.0 15.0





#23
 Vinyl Acetate
 Concen: 103.542 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN074925.D
 Acq: 17 Oct 2022 18:56

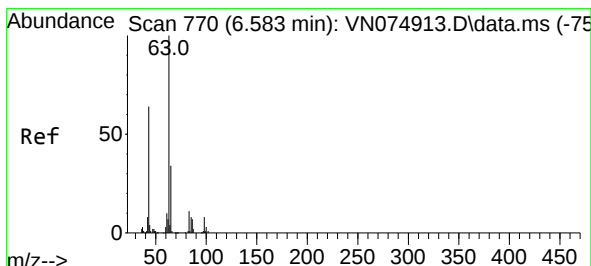
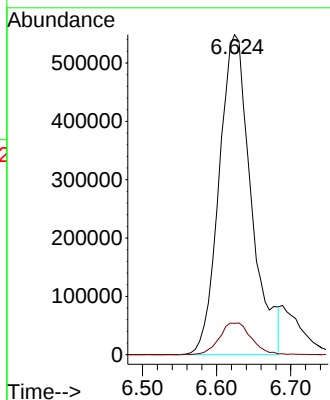
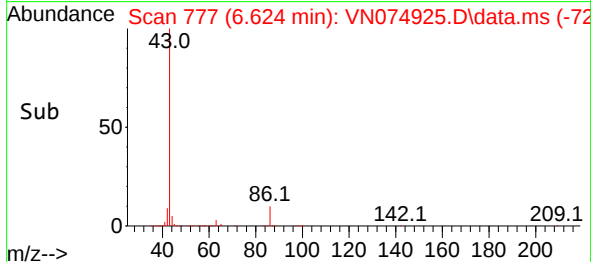
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01



Tgt Ion: 43 Resp: 164746
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0

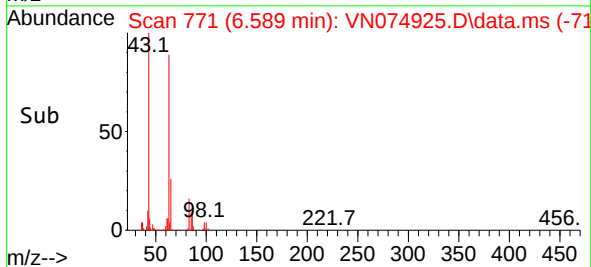
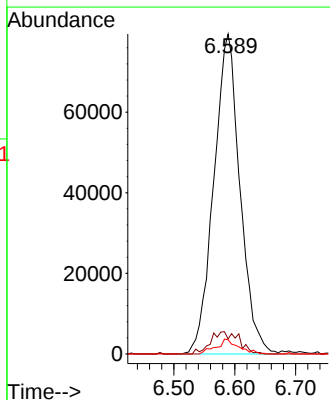
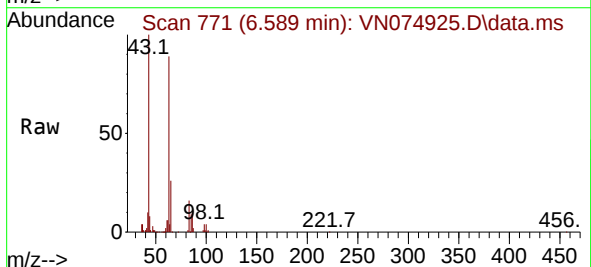
Manual Integrations
 APPROVED

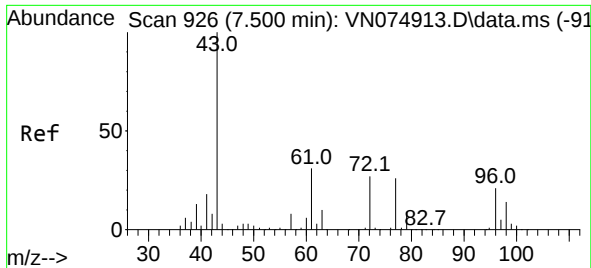
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#24
 1,1-Dichloroethane
 Concen: 19.564 ug/l
 RT: 6.589 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VN074925.D
 Acq: 17 Oct 2022 18:56

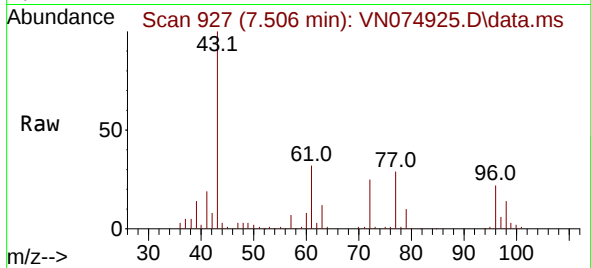
Tgt Ion: 63 Resp: 237025
 Ion Ratio Lower Upper
 63 100
 98 4.7 3.9 11.5
 100 4.4 1.6 4.8





#25
2-Butanone
Concen: 95.550 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

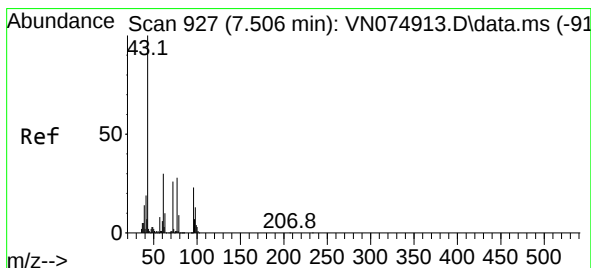
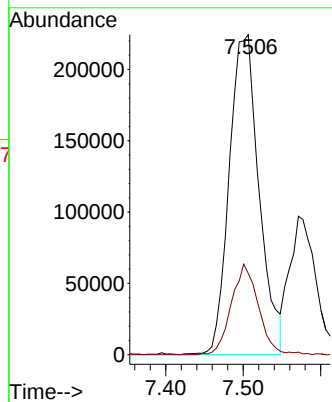
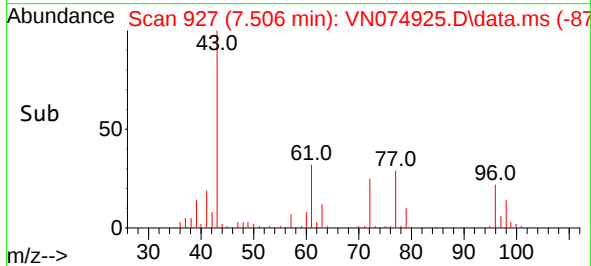
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 43 Resp: 60254
Ion Ratio Lower Upper
43 100
72 25.4 21.3 31.9

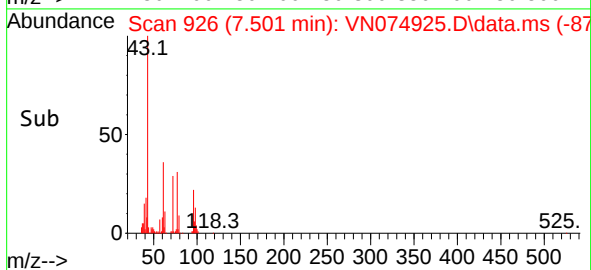
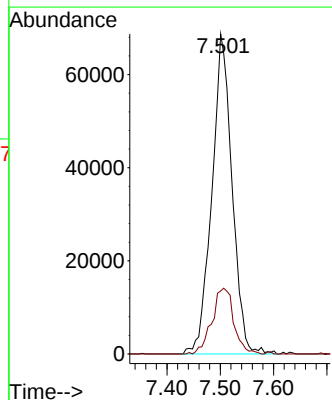
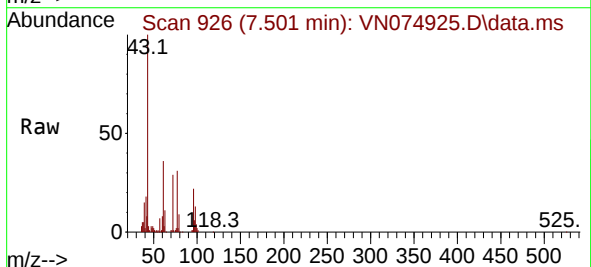
Manual Integrations
APPROVED

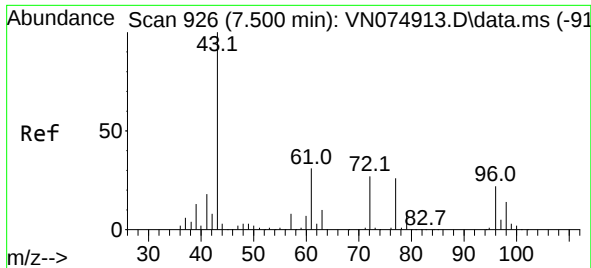
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 18.243 ug/l
RT: 7.501 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Tgt Ion: 77 Resp: 180740
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 18.570 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 96 Resp: 133294

Ion Ratio Lower Upper

96 100

61 154.9 0.0 288.6

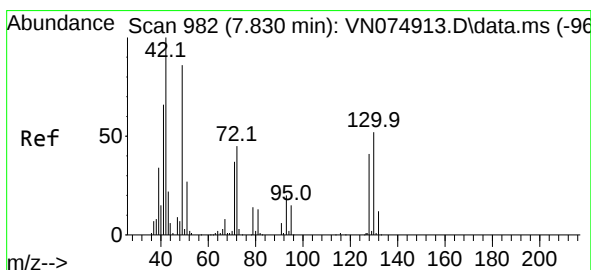
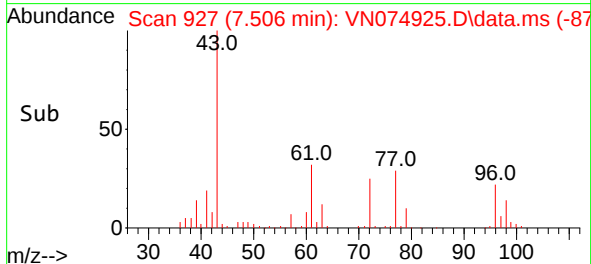
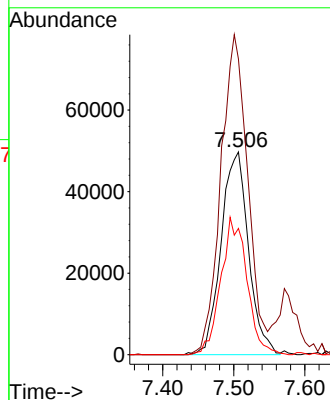
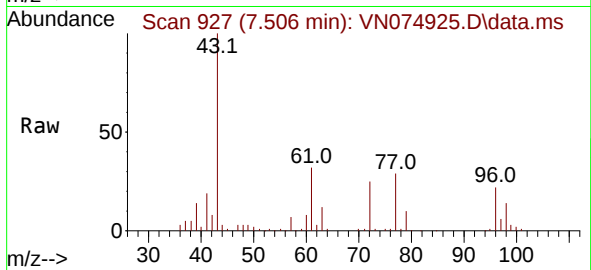
98 64.6 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#28

Bromochloromethane

Concen: 21.835 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.006 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

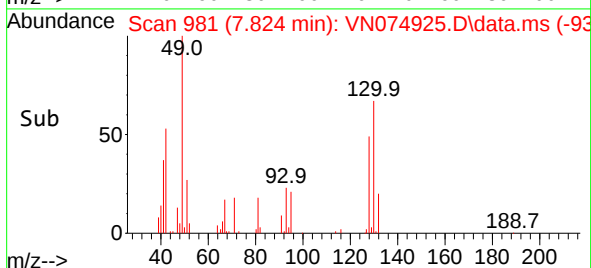
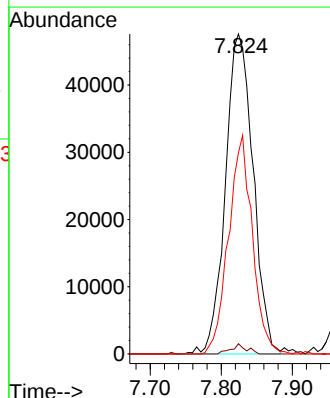
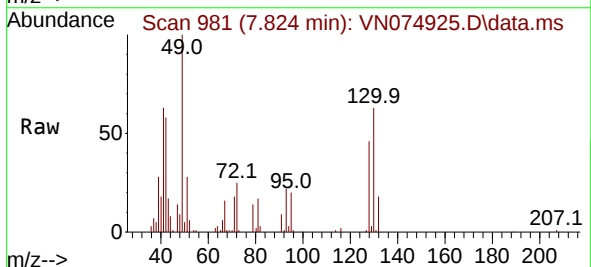
Tgt Ion: 49 Resp: 128972

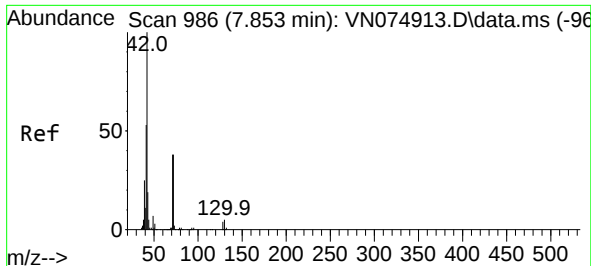
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 59.0 48.8 73.2





#29

Tetrahydrofuran

Concen: 91.501 ug/l

RT: 7.854 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

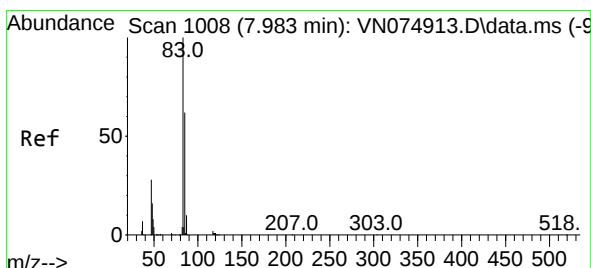
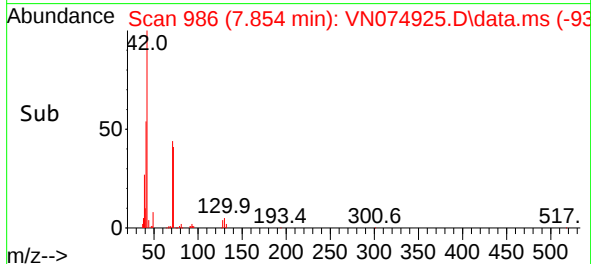
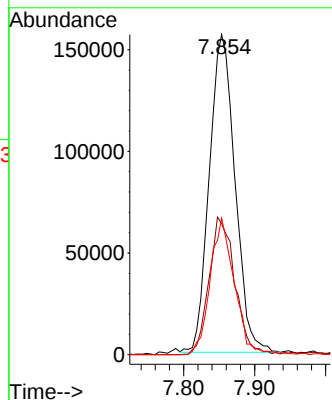
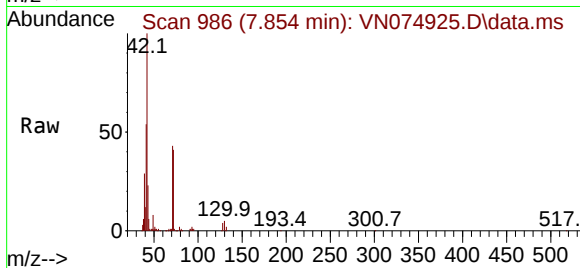
Tgt Ion:	42	Resp:	392904
Ion Ratio	Lower	Upper	
42	100		
72	43.5	32.8	49.2
71	40.6	30.7	46.1

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 19.404 ug/l

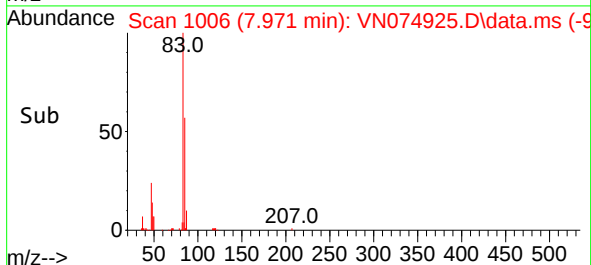
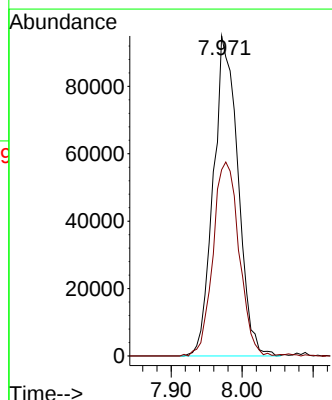
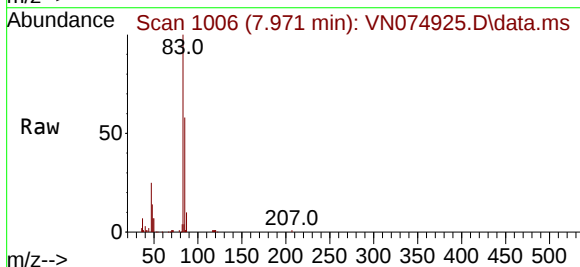
RT: 7.971 min Scan# 1006

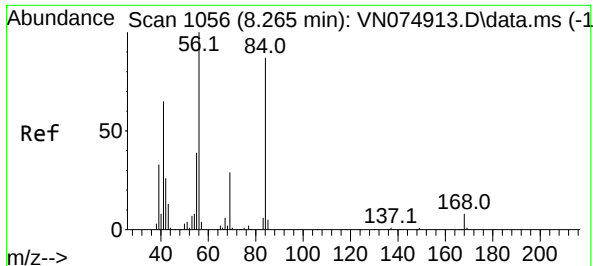
Delta R.T. -0.011 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

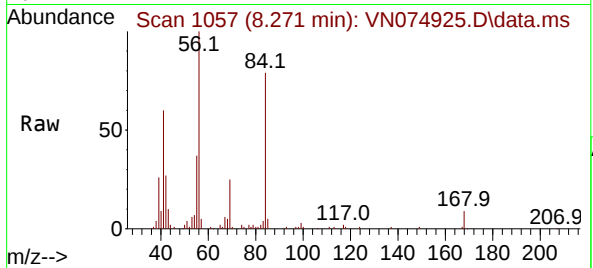
Tgt Ion:	83	Resp:	228589
Ion Ratio	Lower	Upper	
83	100		
85	58.2	49.4	74.0





#31
Cyclohexane
Concen: 19.521 ug/l
RT: 8.271 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

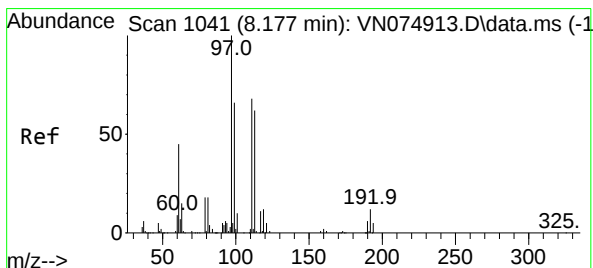
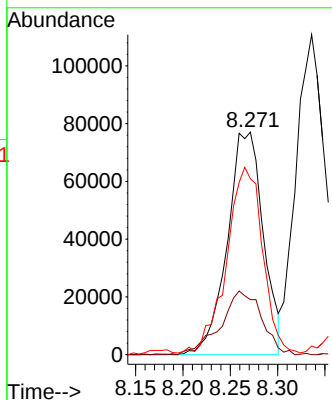
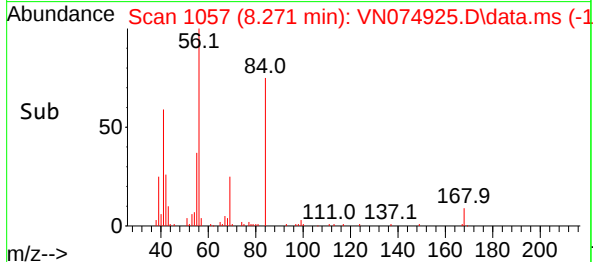
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 56 Resp: 20337
Ion Ratio Lower Upper
56 100
69 24.9 23.4 35.0
84 78.8 69.9 104.9

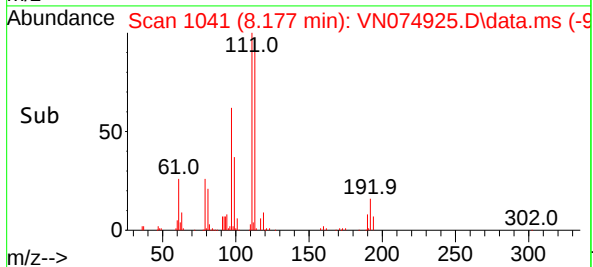
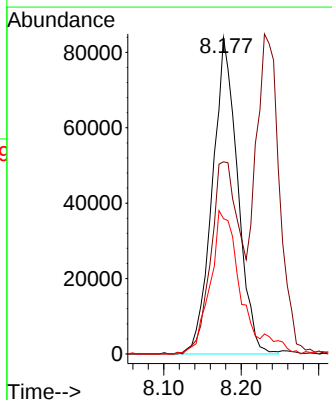
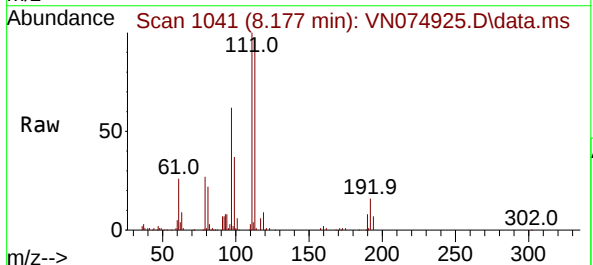
Manual Integrations
APPROVED

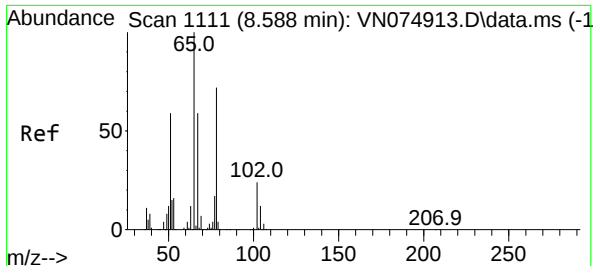
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#32
1,1,1-Trichloroethane
Concen: 19.136 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

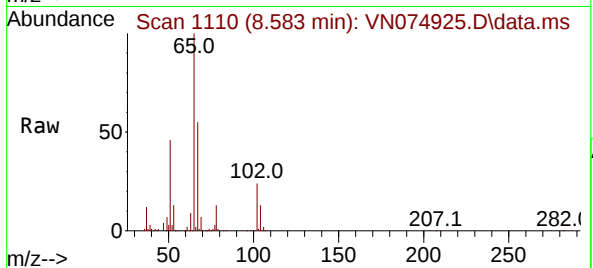
Tgt Ion: 97 Resp: 190877
Ion Ratio Lower Upper
97 100
99 69.0 53.2 79.8
61 50.8 39.8 59.8





#33
1,2-Dichloroethane-d4
Concen: 47.571 ug/l
RT: 8.583 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

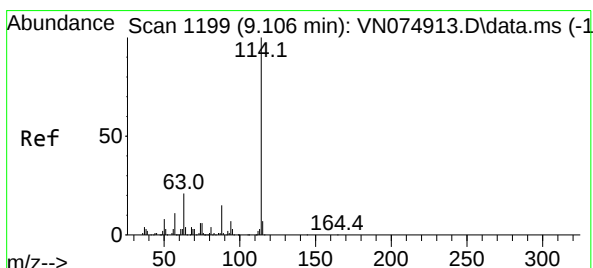
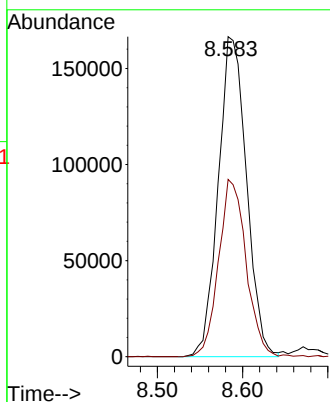
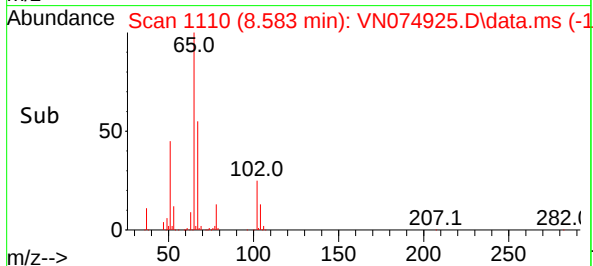
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



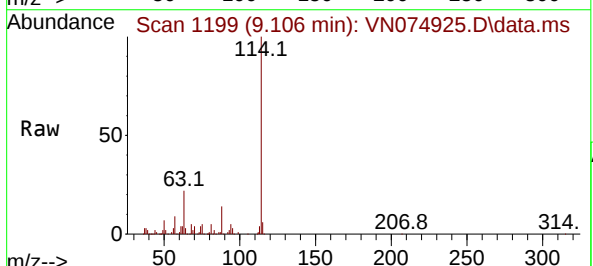
Tgt Ion: 65 Resp: 383189
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.2

Manual Integrations
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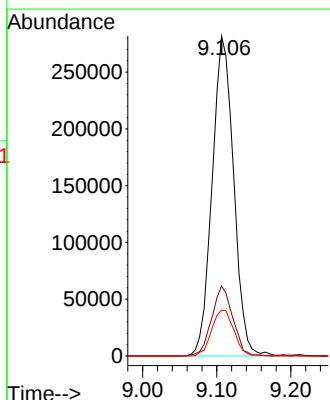
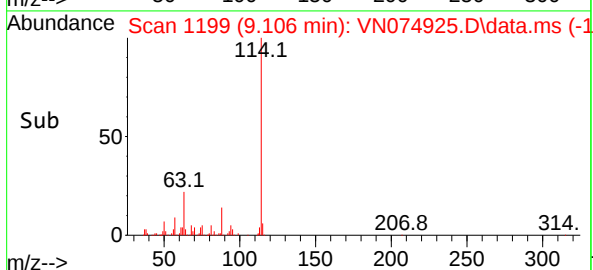
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

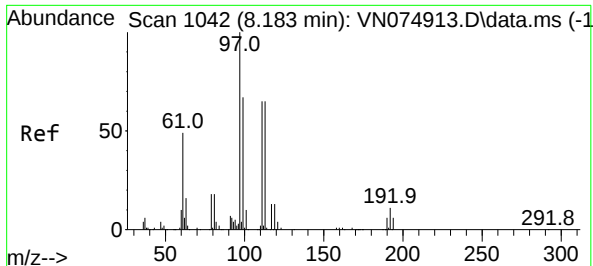


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



Tgt Ion:114 Resp: 567842
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.2
88 14.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.935 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion:113 Resp: 299652

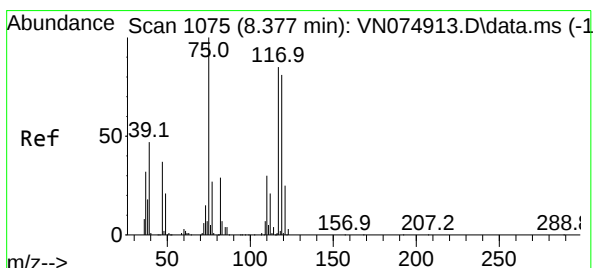
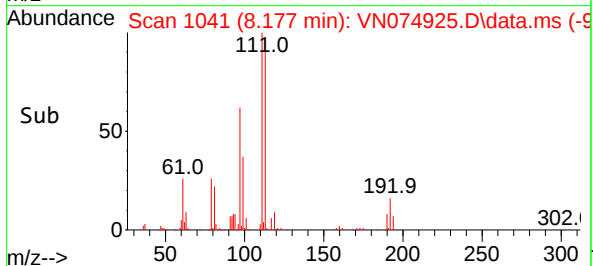
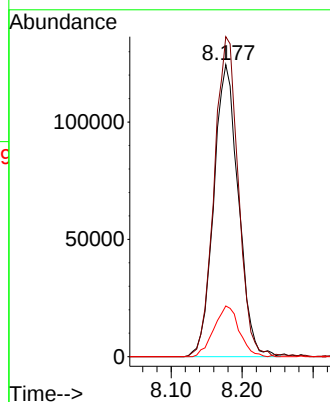
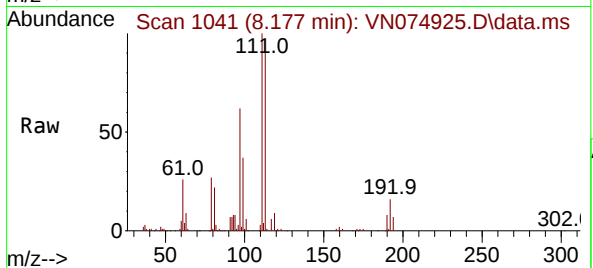
Ion	Ratio	Lower	Upper
113	100		
111	107.3	82.9	124.3
192	17.7	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#36

1,1-Dichloropropene

Concen: 19.405 ug/l

RT: 8.383 min Scan# 1076

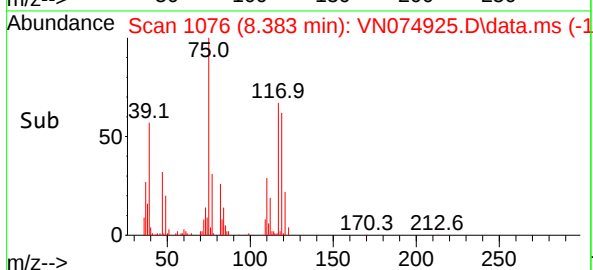
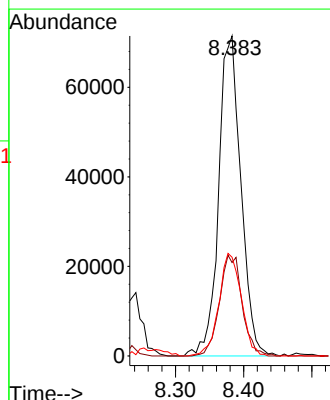
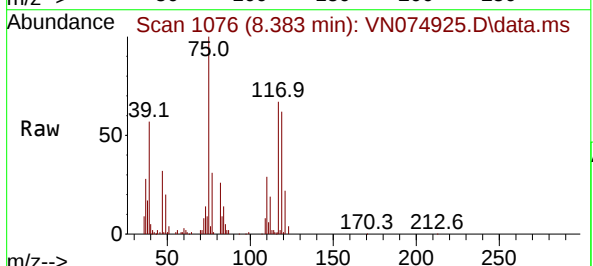
Delta R.T. 0.006 min

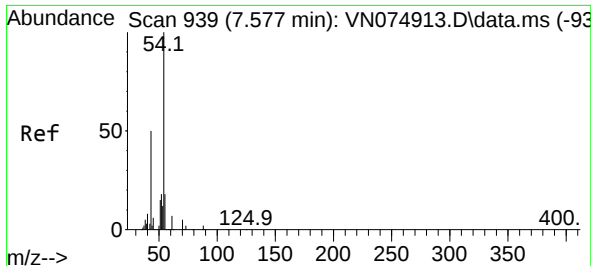
Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Tgt Ion: 75 Resp: 162677

Ion	Ratio	Lower	Upper
75	100		
110	32.1	16.1	48.3
77	32.2	23.3	34.9





#37

Ethyl Acetate

Concen: 19.121 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 43 Resp: 23158

Ion Ratio Lower Upper

43 100

61 14.4 9.9 14.9

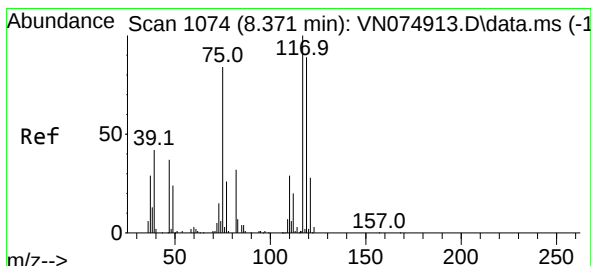
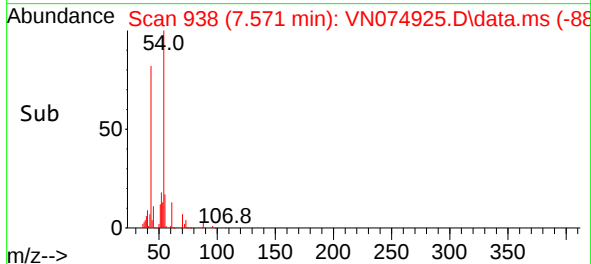
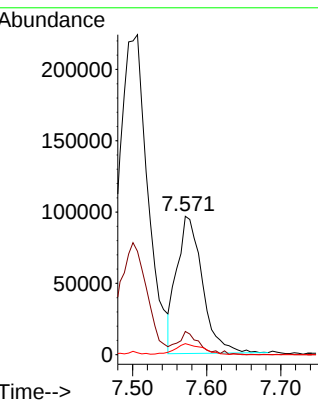
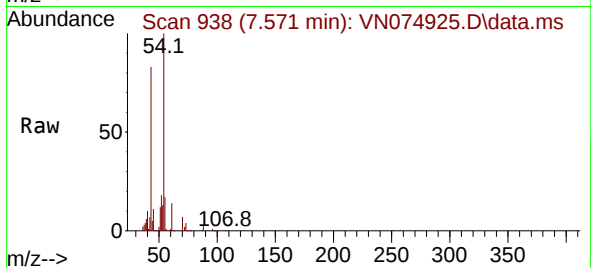
70 8.3 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#38

Carbon Tetrachloride

Concen: 18.372 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

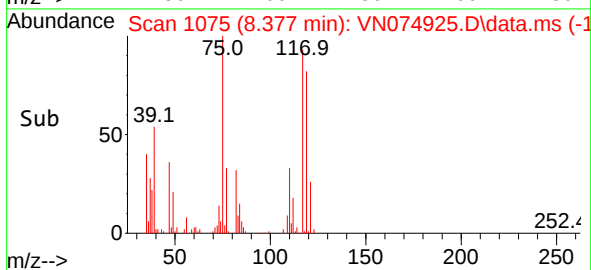
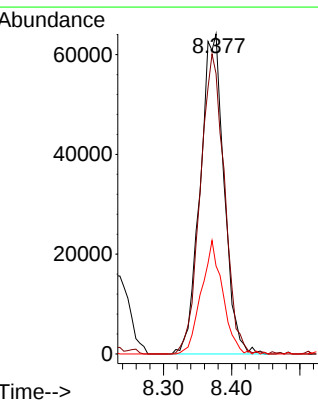
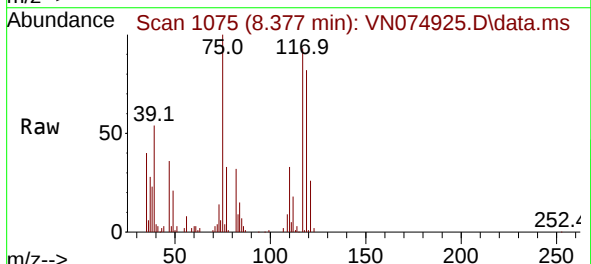
Tgt Ion:117 Resp: 155896

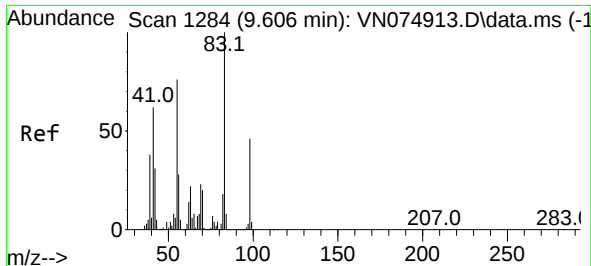
Ion Ratio Lower Upper

117 100

119 87.6 71.0 106.6

121 27.5 22.2 33.4





#39

Methylcyclohexane

Concen: 19.420 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.000 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 83 Resp: 200630

Ion Ratio Lower Upper

83 100

55 71.2 61.2 91.8

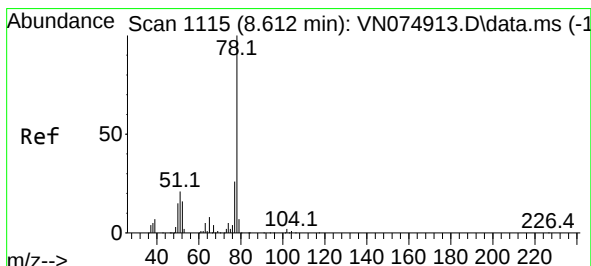
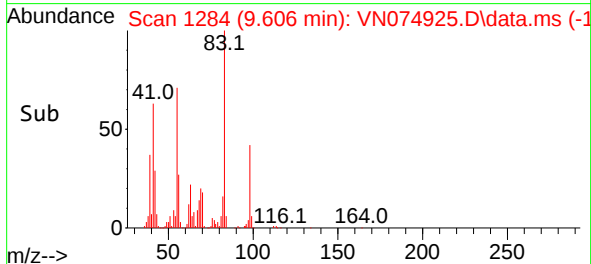
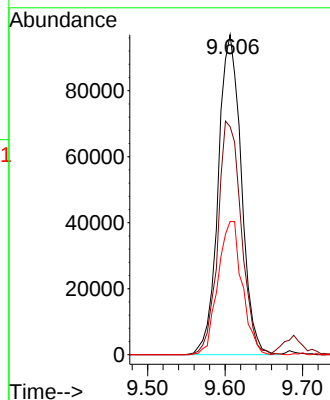
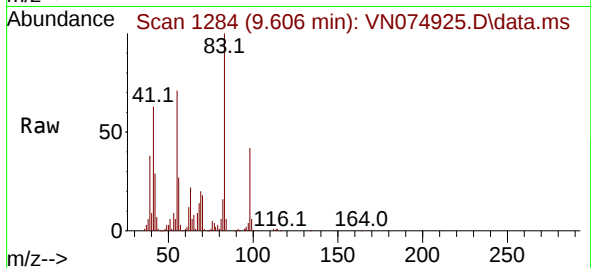
98 41.6 37.2 55.8

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#40

Benzene

Concen: 19.524 ug/l

RT: 8.618 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074925.D

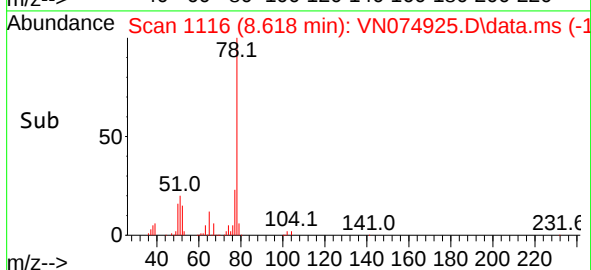
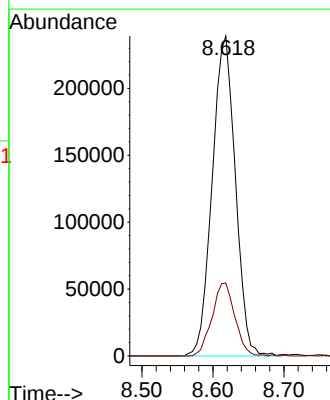
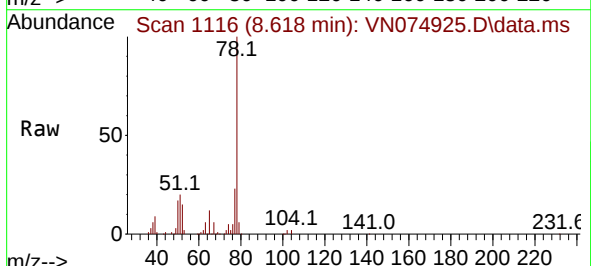
Acq: 17 Oct 2022 18:56

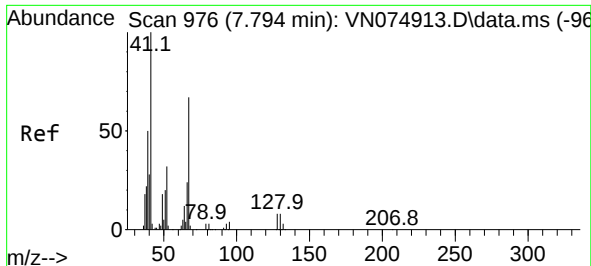
Tgt Ion: 78 Resp: 540554

Ion Ratio Lower Upper

78 100

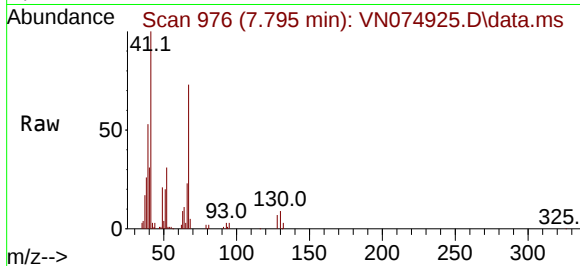
77 22.8 20.5 30.7





#41
Methacrylonitrile
Concen: 18.265 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

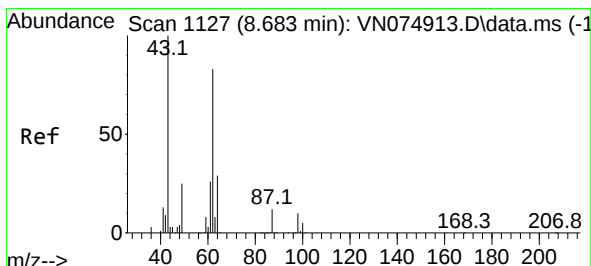
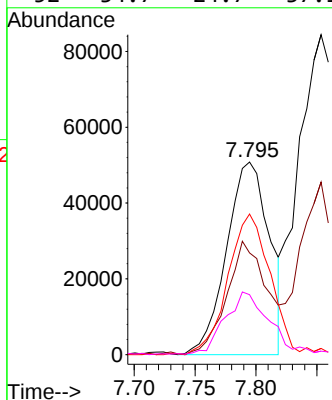
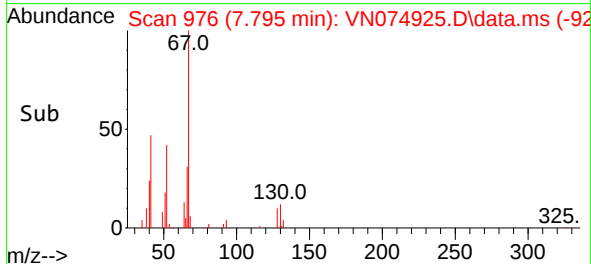
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



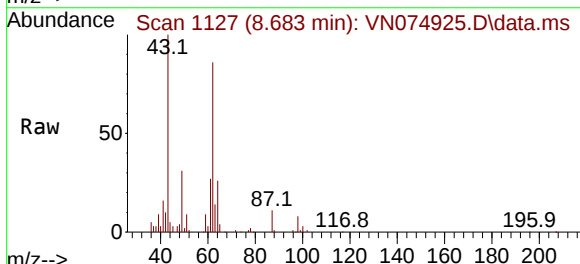
Tgt Ion: 41 Resp: 124414
Ion Ratio Lower Upper
41 100
39 54.4 43.2 64.8
67 71.4 57.9 86.9
52 34.7 24.7 37.1

Manual Integrations
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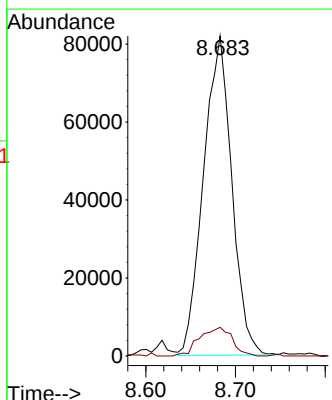
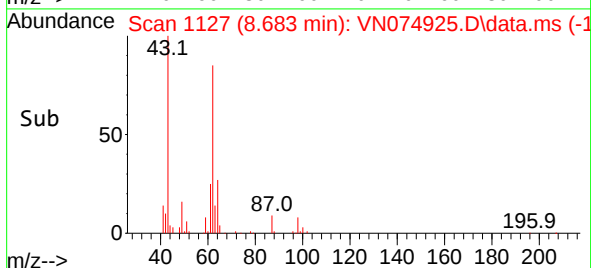
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

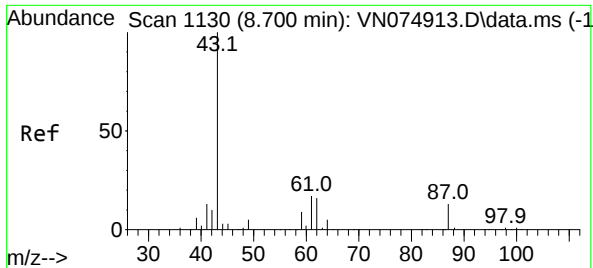


#42
1,2-Dichloroethane
Concen: 18.740 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



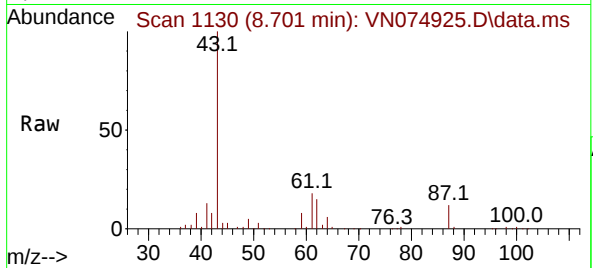
Tgt Ion: 62 Resp: 179544
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.0





#43
Isopropyl Acetate
Concen: 18.843 ug/l
RT: 8.701 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

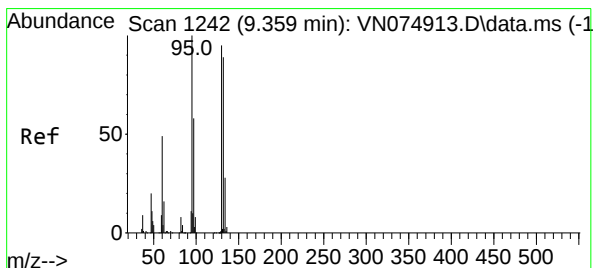
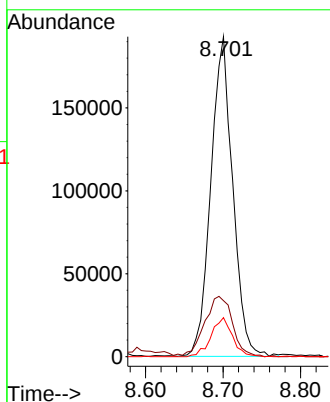
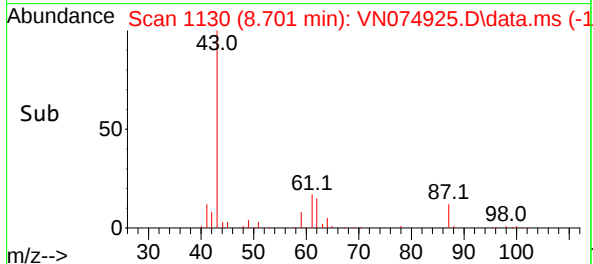
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 43 Resp: 377993
Ion Ratio Lower Upper
43 100
61 23.5 19.0 28.6
87 12.0 9.9 14.9

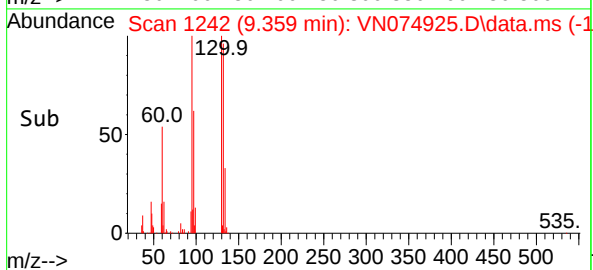
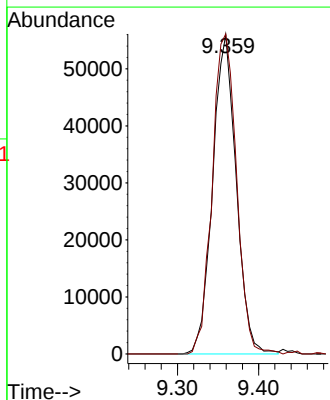
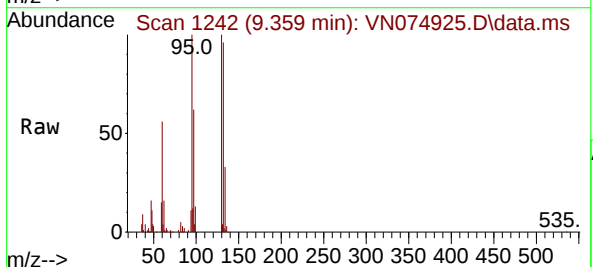
Manual Integrations
APPROVED

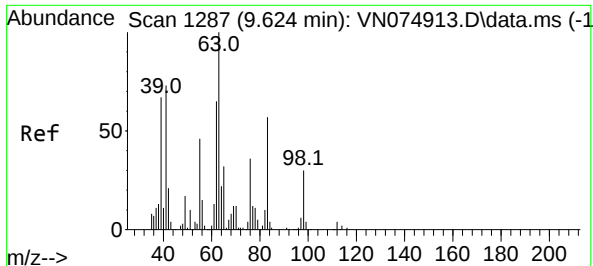
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#44
Trichloroethene
Concen: 19.043 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Tgt Ion:130 Resp: 112630
Ion Ratio Lower Upper
130 100
95 100.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.045 ug/l

RT: 9.630 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 63 Resp: 15371

Ion Ratio Lower Upper

63 100

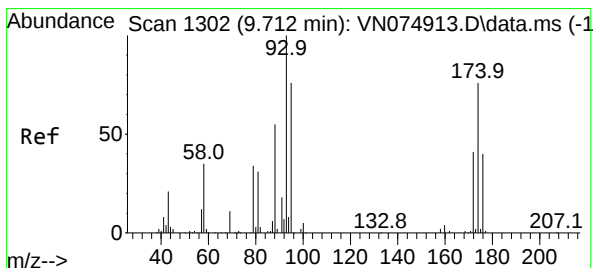
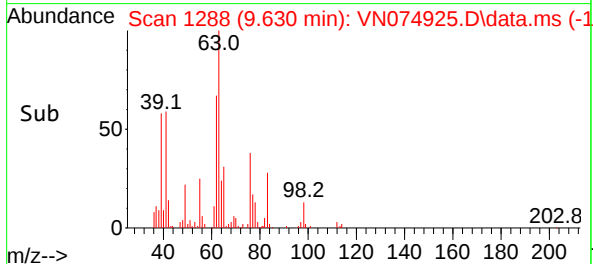
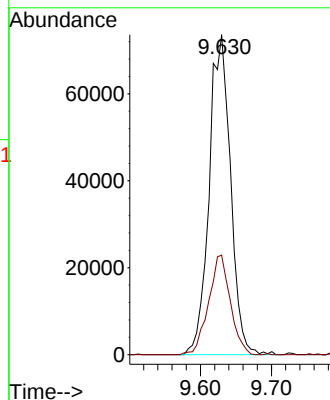
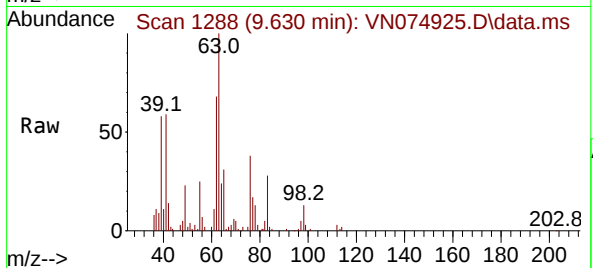
65 31.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#46

Dibromomethane

Concen: 19.037 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

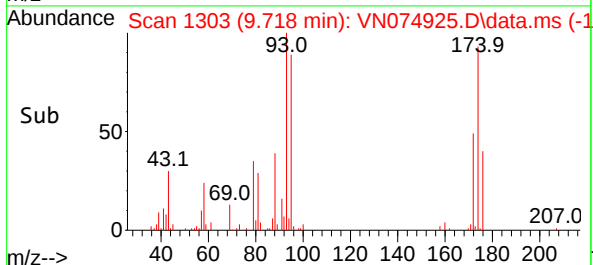
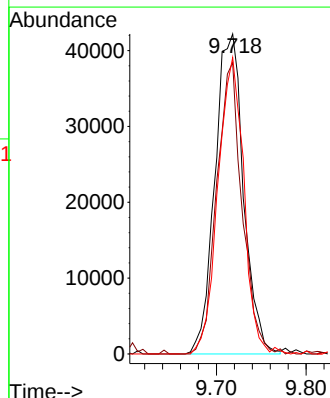
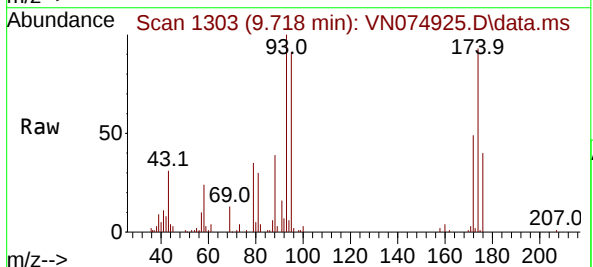
Tgt Ion: 93 Resp: 93474

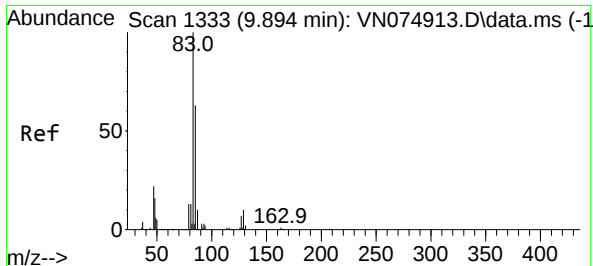
Ion Ratio Lower Upper

93 100

95 81.5 66.0 99.0

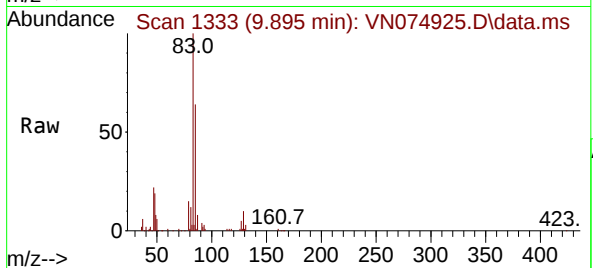
174 83.6 65.1 97.7





#47
Bromodichloromethane
Concen: 20.297 ug/l
RT: 9.895 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

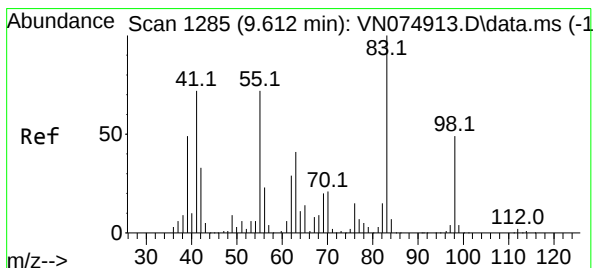
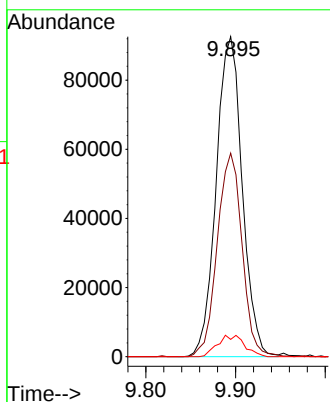
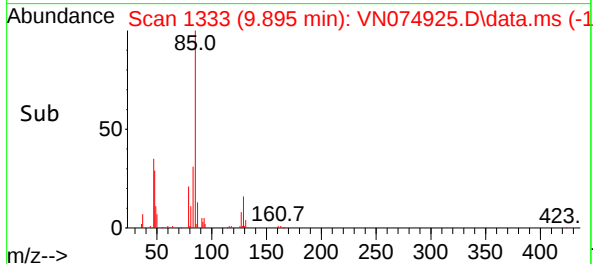
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



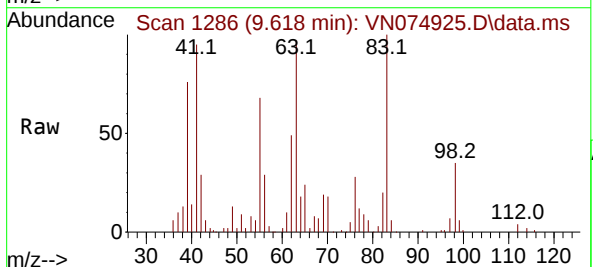
Tgt Ion: 83 Resp: 186569
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.2
127 5.4 5.8 8.6

Manual Integrations
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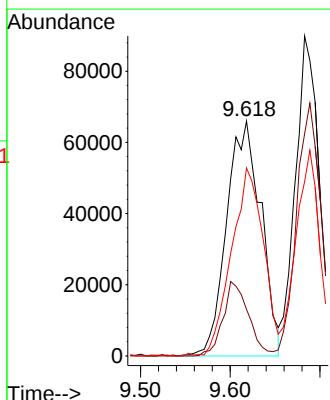
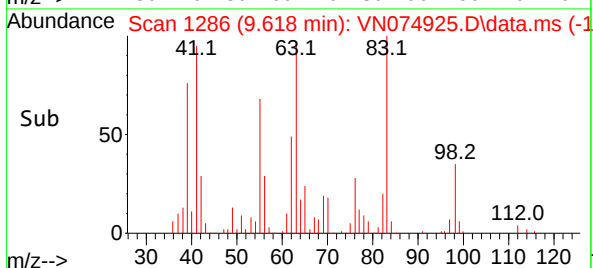
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

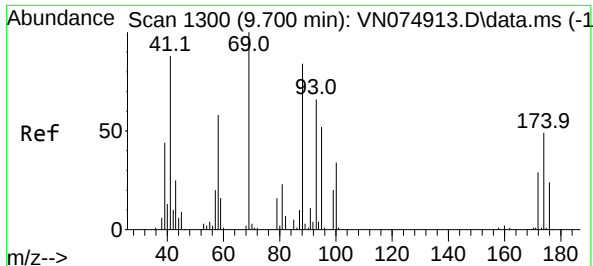


#48
Methyl methacrylate
Concen: 19.108 ug/l
RT: 9.618 min Scan# 1286
Delta R.T. 0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



Tgt Ion: 41 Resp: 175679
Ion Ratio Lower Upper
41 100
69 23.4 19.5 29.3
39 73.8 58.3 87.5





#49

1,4-Dioxane

Concen: 397.878 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 88 Resp: 68974

Ion Ratio Lower Upper

88 100

43 22.5 19.4 29.2

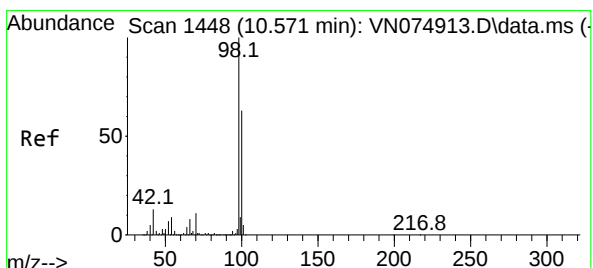
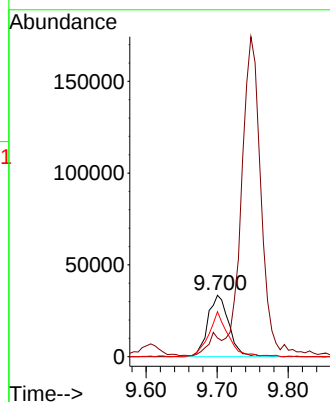
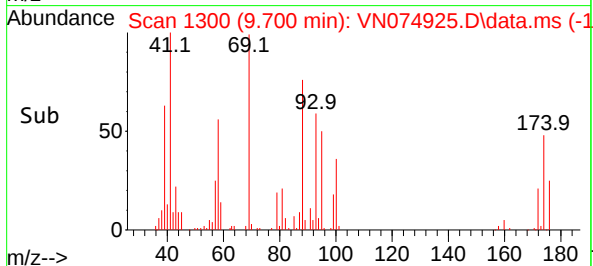
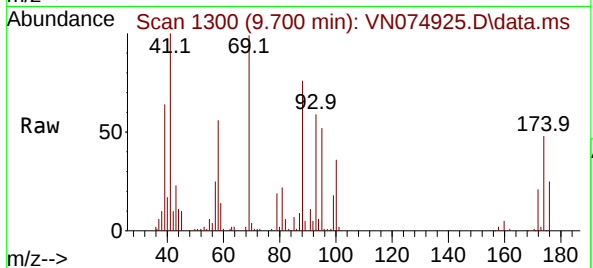
58 67.4 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 47.416 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074925.D

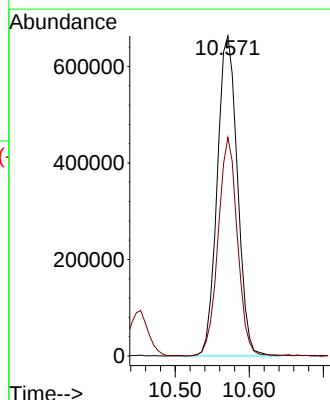
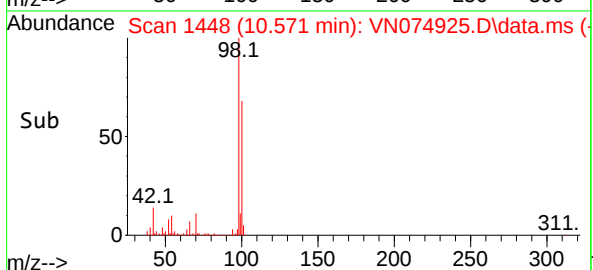
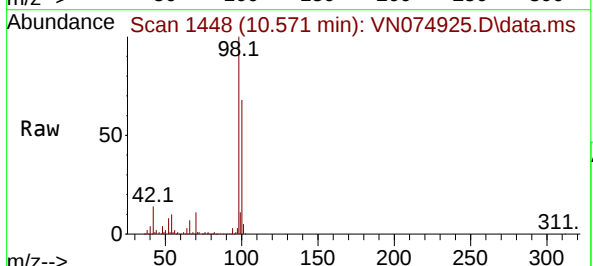
Acq: 17 Oct 2022 18:56

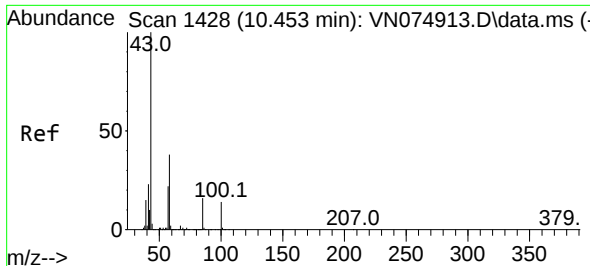
Tgt Ion: 98 Resp: 1255312

Ion Ratio Lower Upper

98 100

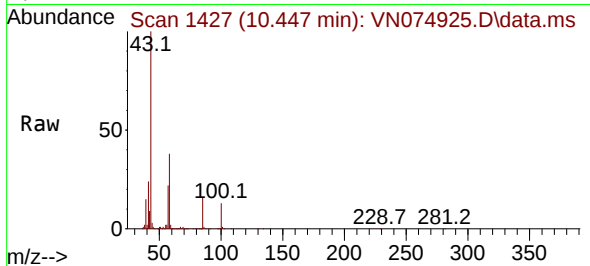
100 65.3 50.7 76.1





#51
4-Methyl-2-Pentanone
Concen: 97.829 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

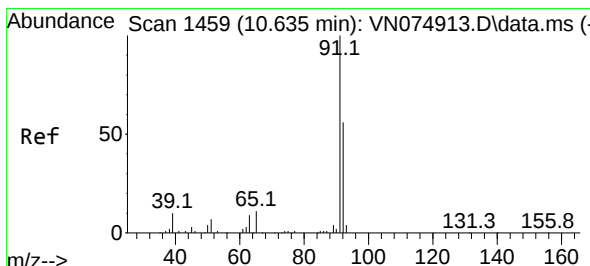
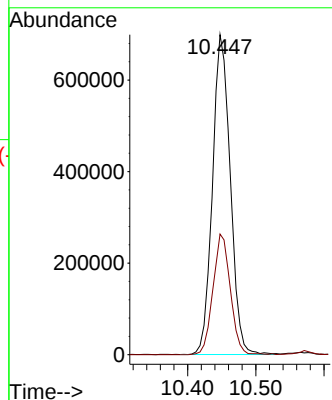
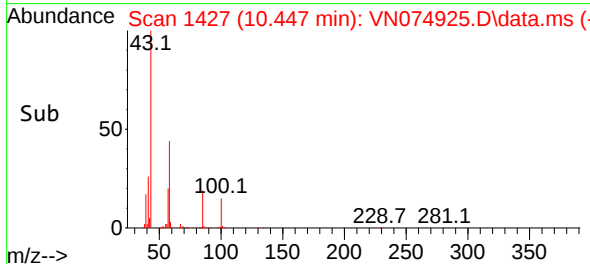
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 43 Resp: 127100
Ion Ratio Lower Upper
43 100
58 36.7 30.0 45.0

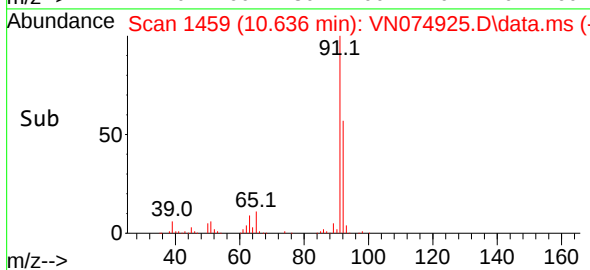
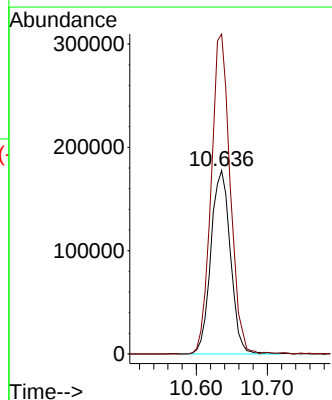
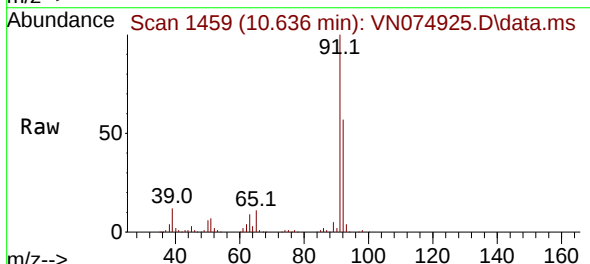
Manual Integrations
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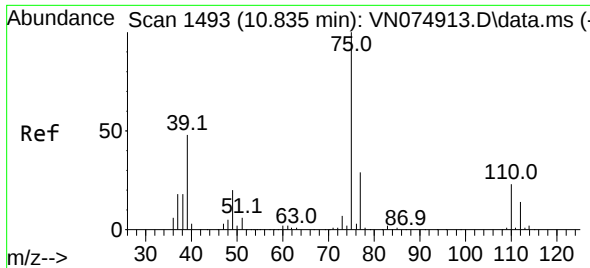
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 19.986 ug/l
RT: 10.636 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Tgt Ion: 92 Resp: 338904
Ion Ratio Lower Upper
92 100
91 170.0 141.0 211.6





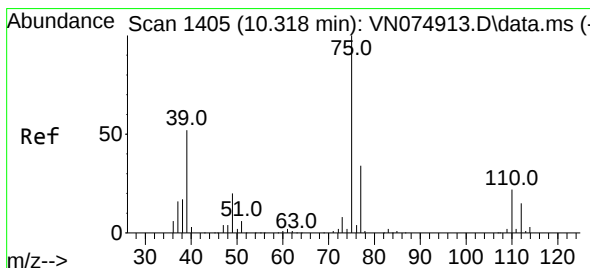
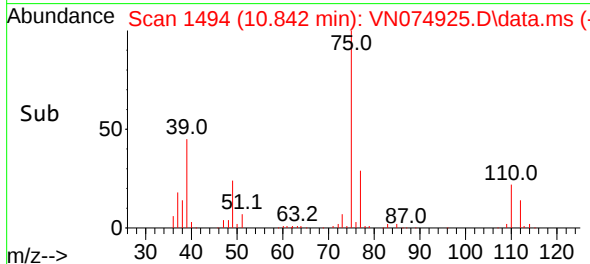
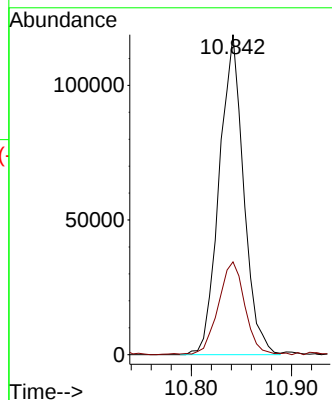
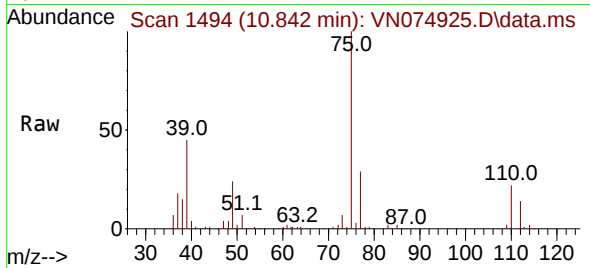
#53
 t-1,3-Dichloropropene
 Concen: 19.280 ug/l
 RT: 10.842 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN074925.D
 Acq: 17 Oct 2022 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

Tgt Ion: 75 Resp: 200490
 Ion Ratio Lower Upper
 75 100
 77 28.8 23.4 35.0

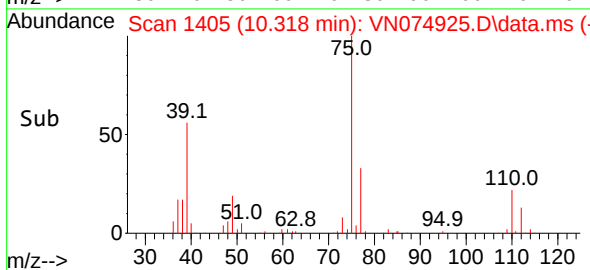
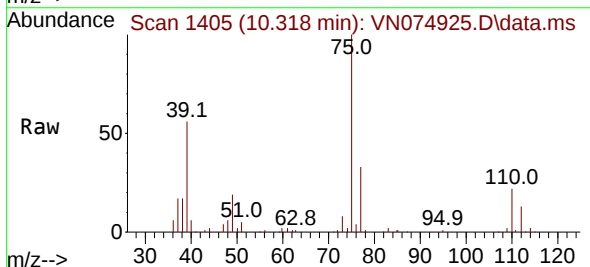
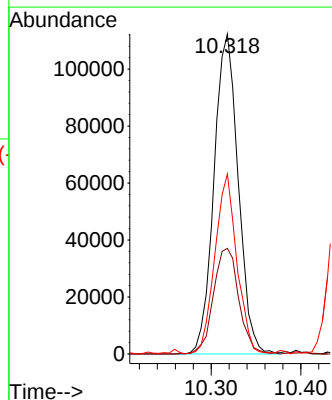
Manual Integrations
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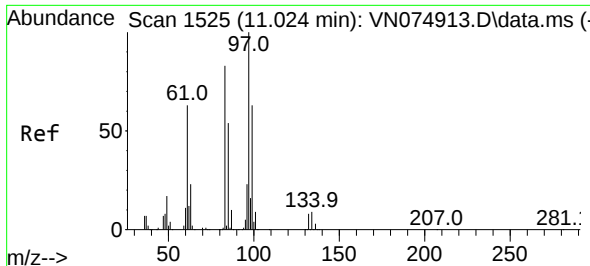
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.737 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN074925.D
 Acq: 17 Oct 2022 18:56

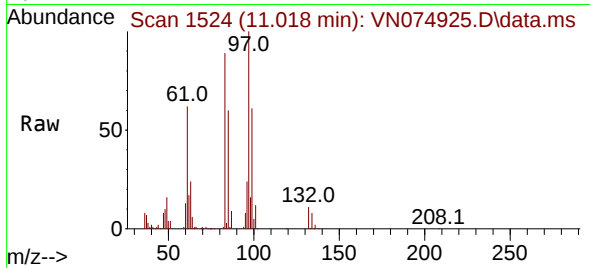
Tgt Ion: 75 Resp: 210484
 Ion Ratio Lower Upper
 75 100
 77 33.0 27.6 41.4
 39 55.8 41.6 62.4





#55
1,1,2-Trichloroethane
Concen: 18.949 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

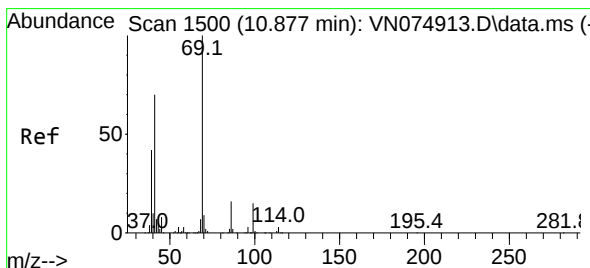
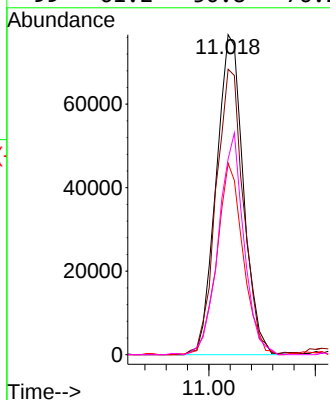
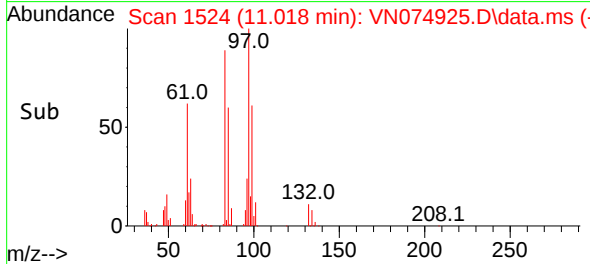
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 97 Resp: 135568
Ion Ratio Lower Upper
97 100
83 89.2 66.6 100.0
85 59.8 43.0 64.4
99 61.2 50.8 76.2

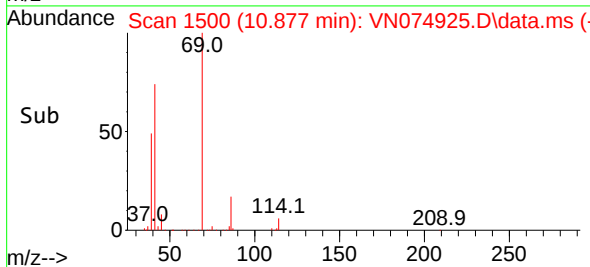
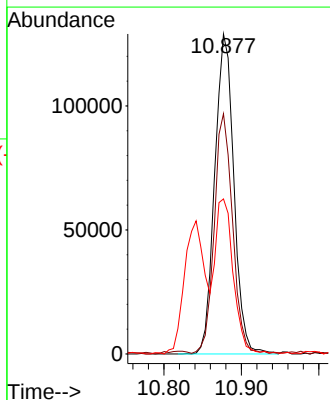
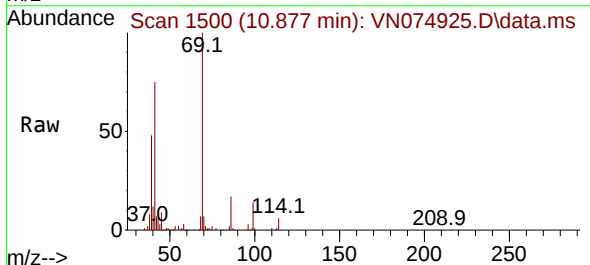
Manual Integrations
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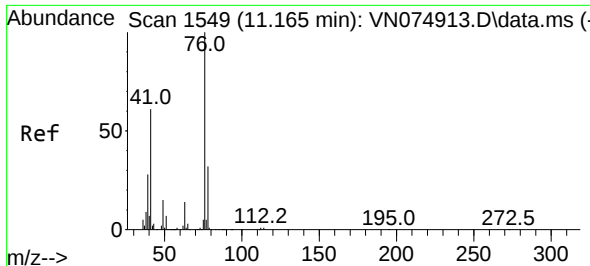
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#56
Ethyl methacrylate
Concen: 19.294 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Tgt Ion: 69 Resp: 221146
Ion Ratio Lower Upper
69 100
41 71.7 55.9 83.9
39 45.4 35.2 52.8





#57

1,3-Dichloropropane

Concen: 19.497 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 76 Resp: 247600

Ion Ratio Lower Upper

76 100

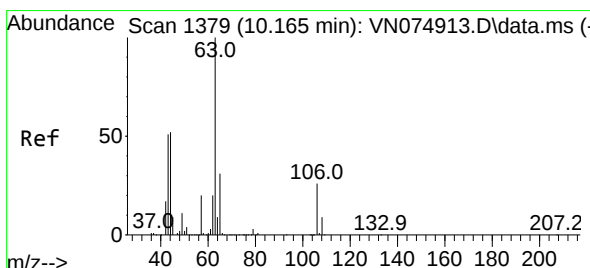
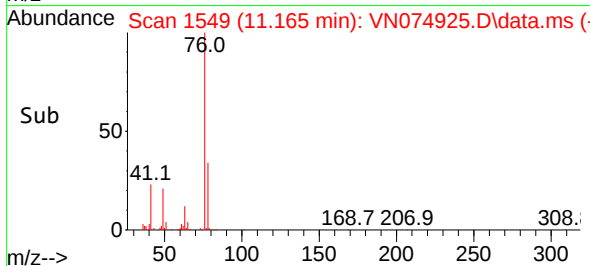
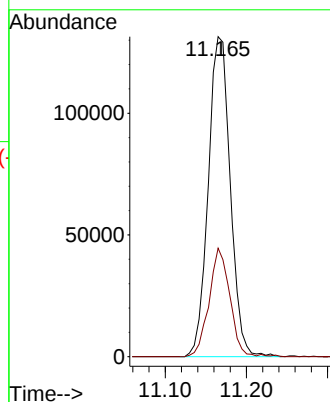
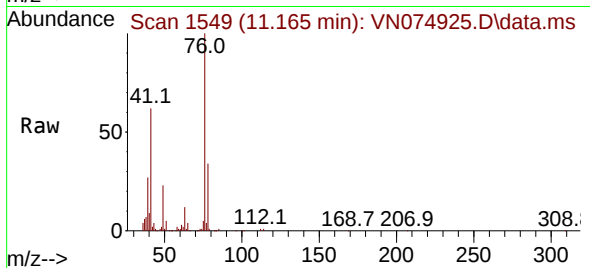
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 89.870 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074925.D

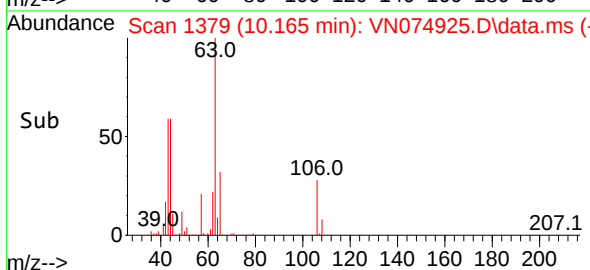
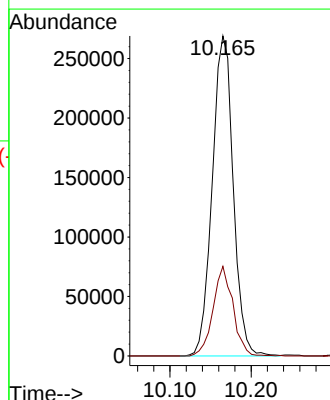
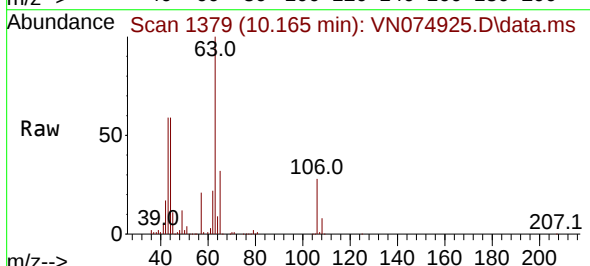
Acq: 17 Oct 2022 18:56

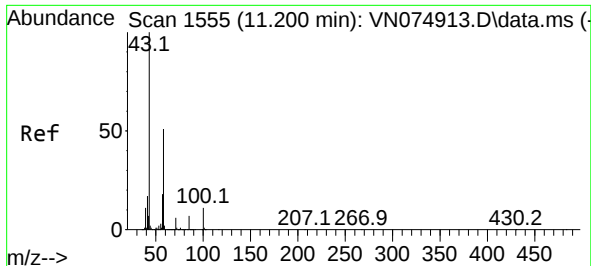
Tgt Ion: 63 Resp: 482918

Ion Ratio Lower Upper

63 100

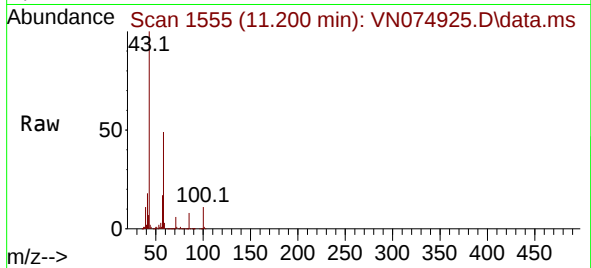
106 26.5 20.8 31.2





#59
2-Hexanone
Concen: 97.526 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

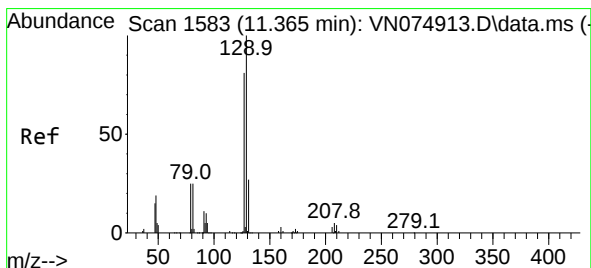
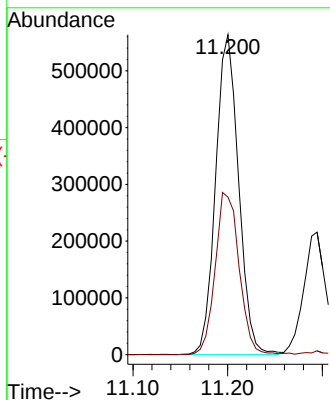
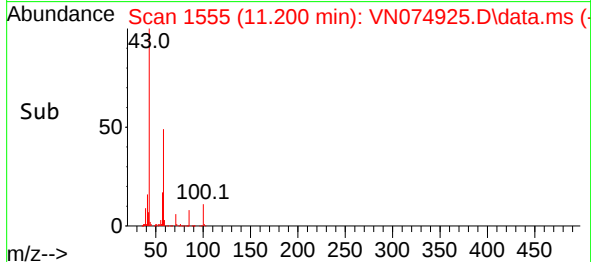
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 43 Resp: 94929
Ion Ratio Lower Upper
43 100
58 53.0 26.3 78.9

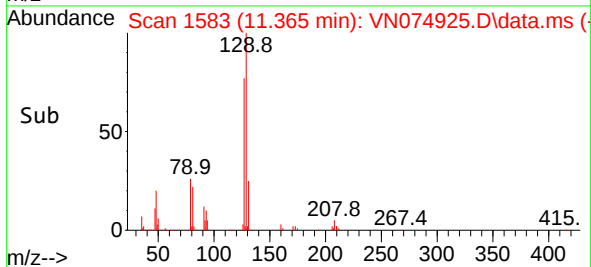
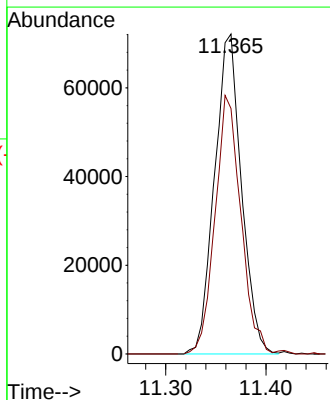
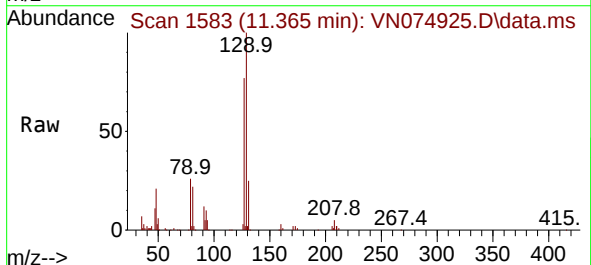
Manual Integrations
APPROVED

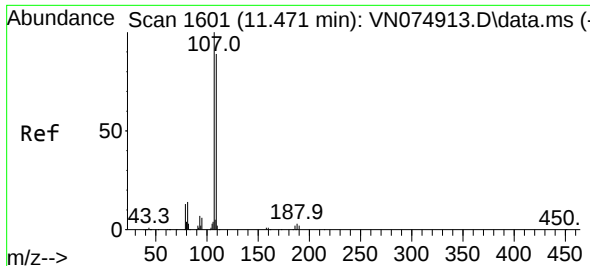
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#60
Dibromochloromethane
Concen: 19.877 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

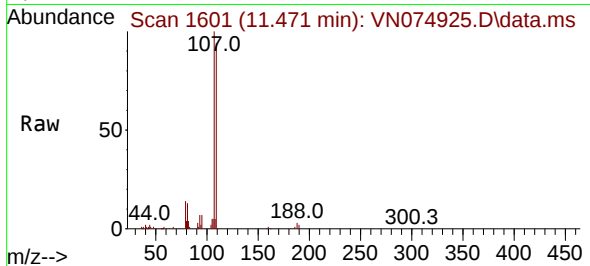
Tgt Ion:129 Resp: 134587
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.364 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

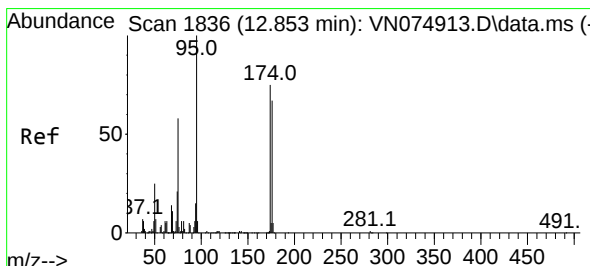
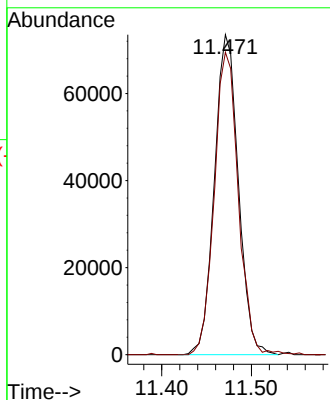
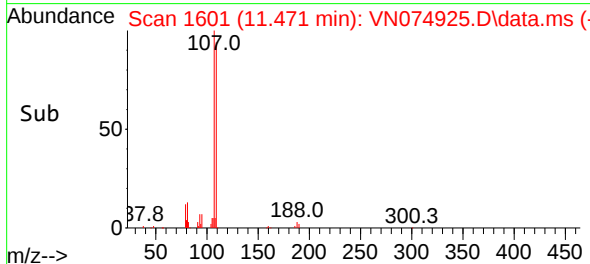
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



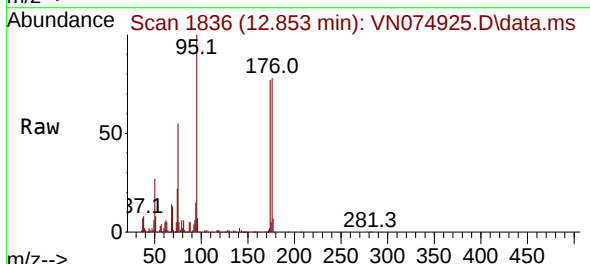
Tgt Ion:107 Resp: 136085
Ion Ratio Lower Upper
107 100
109 95.2 77.6 116.4

Manual Integrations
APPROVED

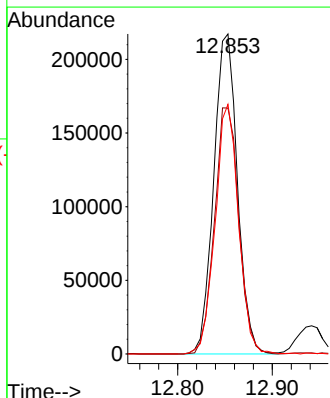
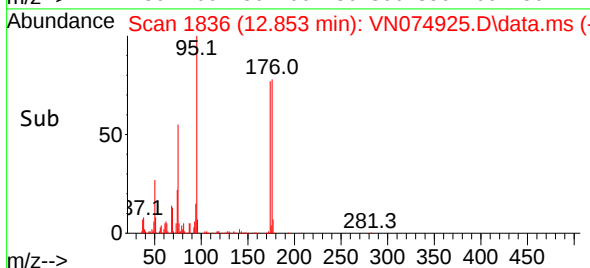
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

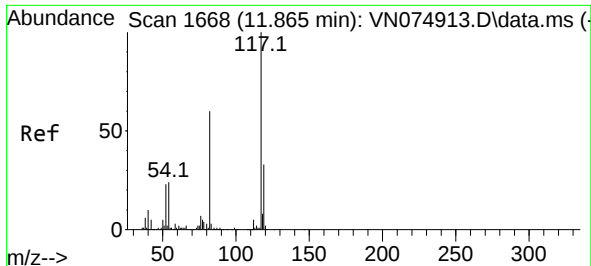


#62
4-Bromofluorobenzene
Concen: 49.173 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



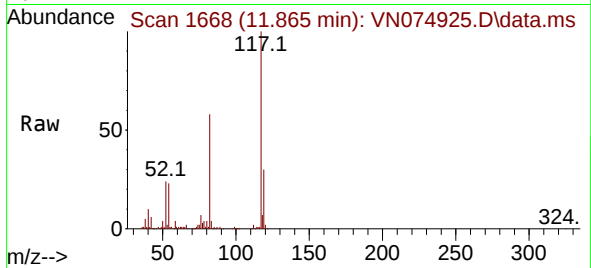
Tgt Ion: 95 Resp: 378223
Ion Ratio Lower Upper
95 100
174 78.8 0.0 157.8
176 76.7 0.0 148.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

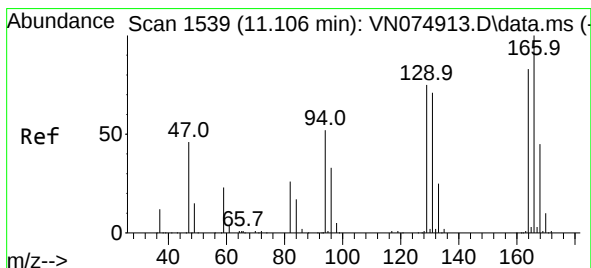
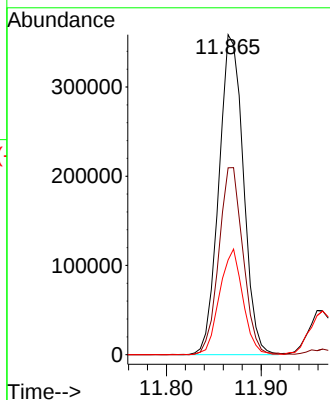
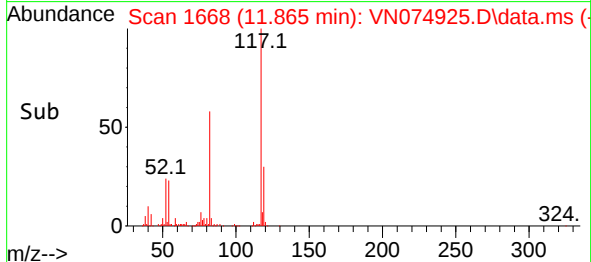
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion:117 Resp: 644339
Ion Ratio Lower Upper
117 100
82 58.3 48.0 72.0
119 29.6 26.1 39.1

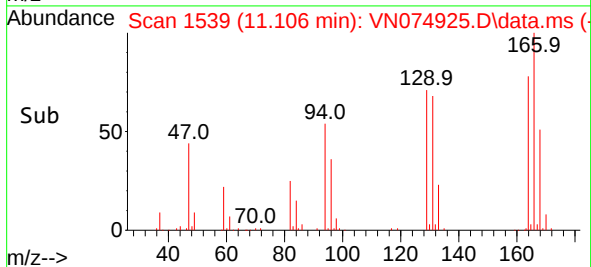
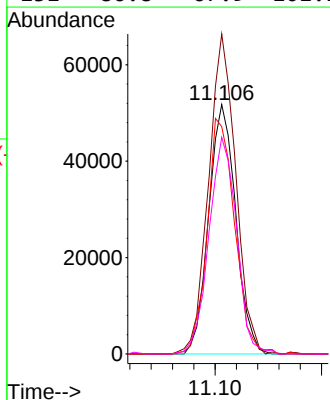
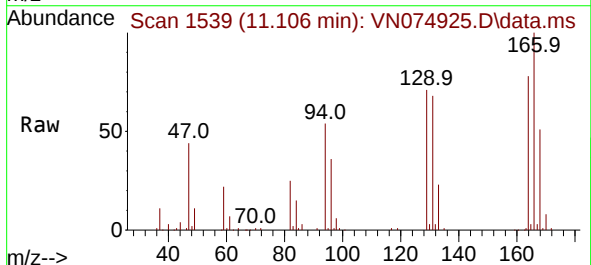
Manual Integrations
APPROVED

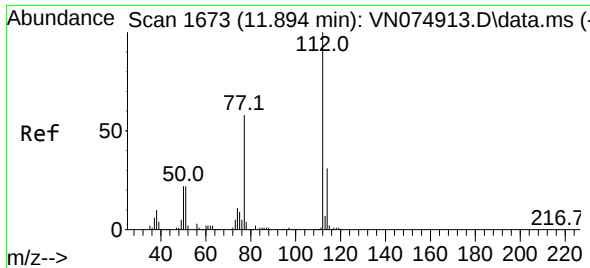
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#64
Tetrachloroethene
Concen: 19.145 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Tgt Ion:164 Resp: 91250
Ion Ratio Lower Upper
164 100
166 127.9 95.8 143.8
129 91.1 72.0 108.0
131 86.8 67.9 101.9





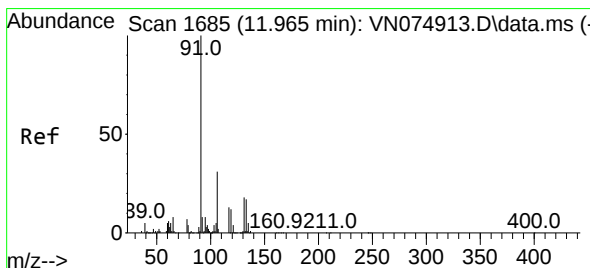
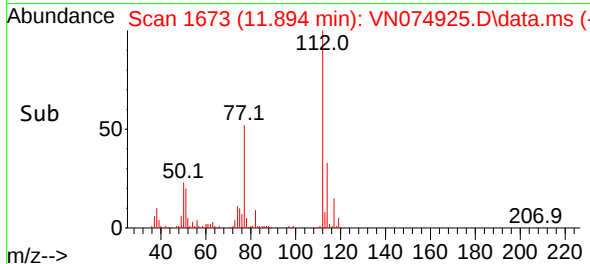
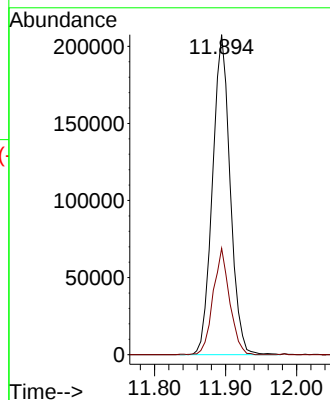
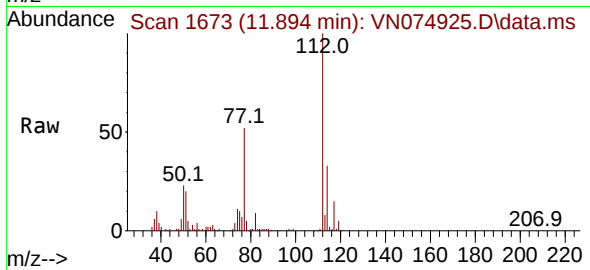
#65
Chlorobenzene
Concen: 19.366 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion:112 Resp: 35834
Ion Ratio Lower Upper
112 100
114 33.1 25.2 37.8

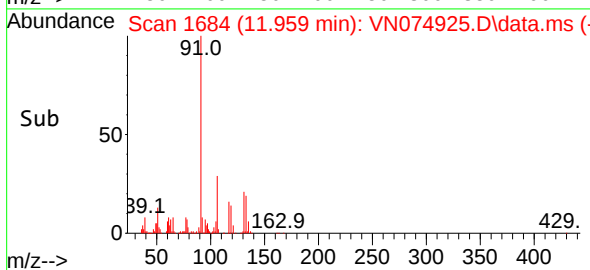
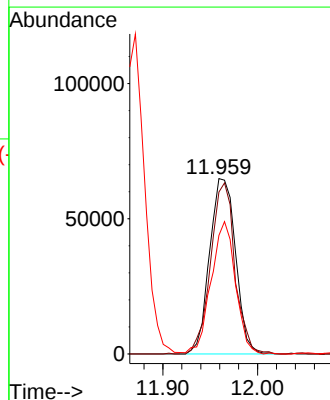
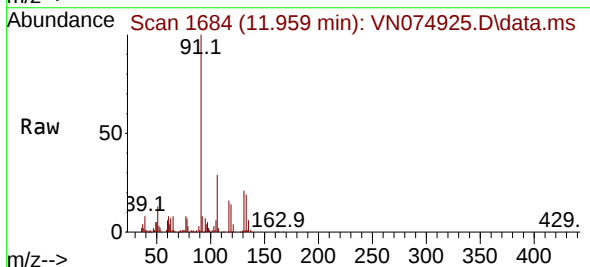
Manual Integrations
APPROVED

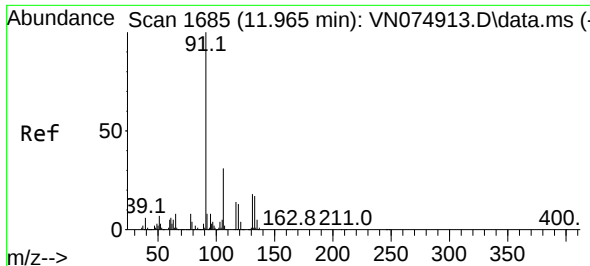
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.835 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Tgt Ion:131 Resp: 123664
Ion Ratio Lower Upper
131 100
133 91.3 46.1 138.3
119 70.8 32.6 97.8





#67

Ethyl Benzene

Concen: 18.682 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 91 Resp: 628574

Ion Ratio Lower Upper

91 100

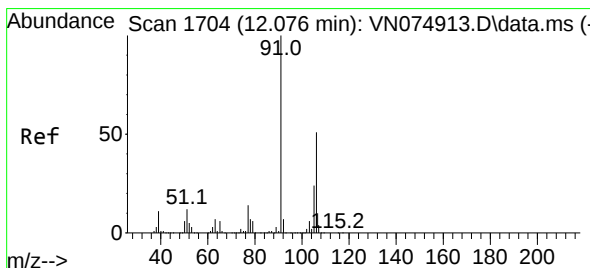
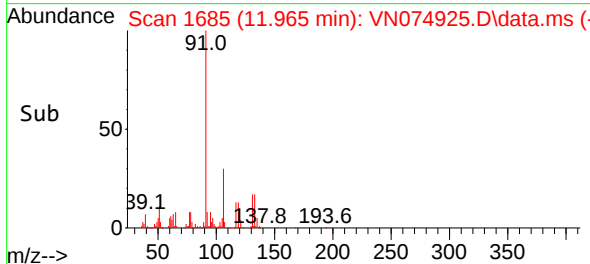
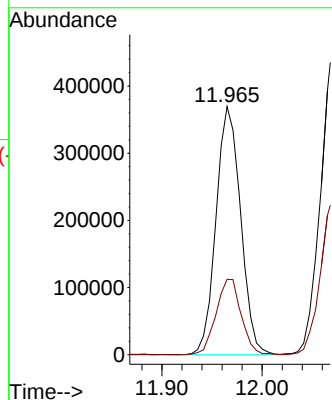
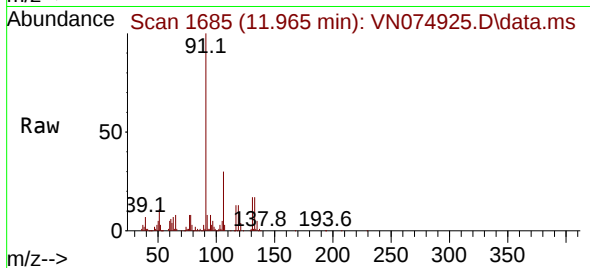
106 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#68

m/p-Xylenes

Concen: 39.112 ug/l

RT: 12.077 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VN074925.D

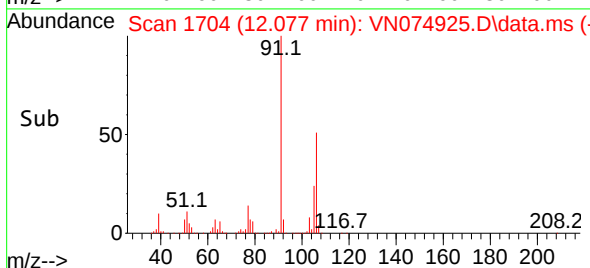
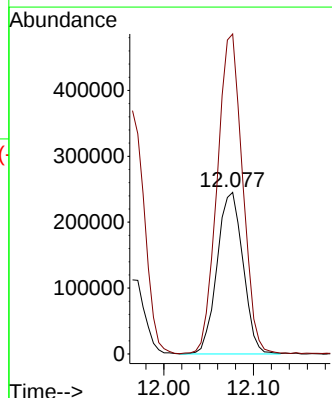
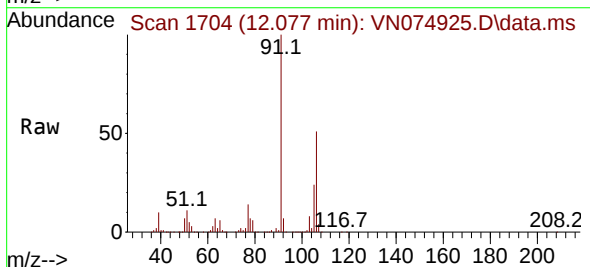
Acq: 17 Oct 2022 18:56

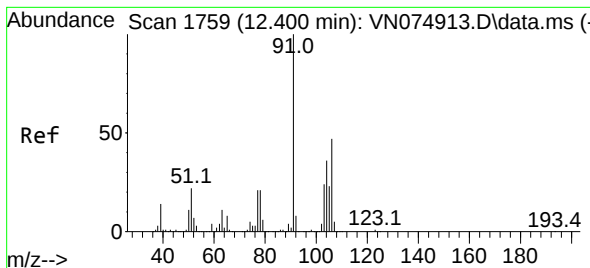
Tgt Ion:106 Resp: 491675

Ion Ratio Lower Upper

106 100

91 193.6 160.6 240.8





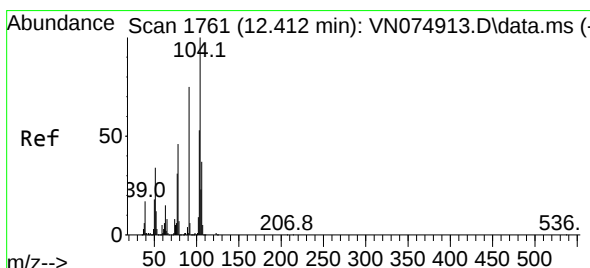
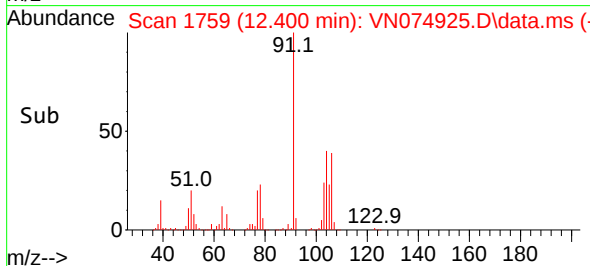
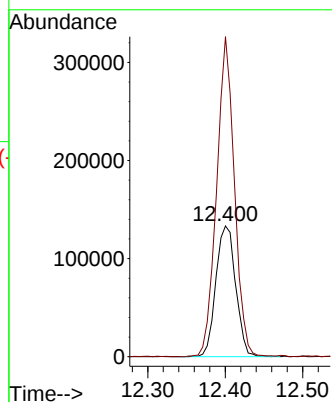
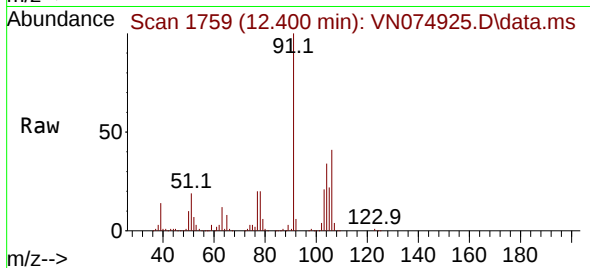
#69
o-Xylene
Concen: 18.540 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Tgt Ion:106 Resp: 23671
Ion Ratio Lower Upper
106 100
91 220.0 105.9 317.7

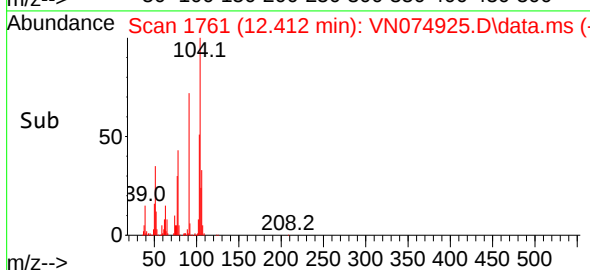
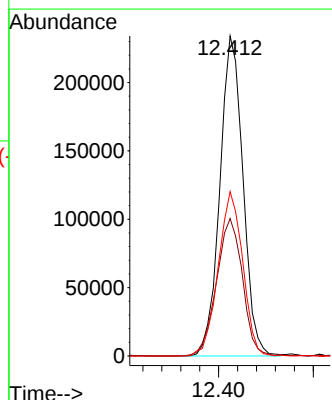
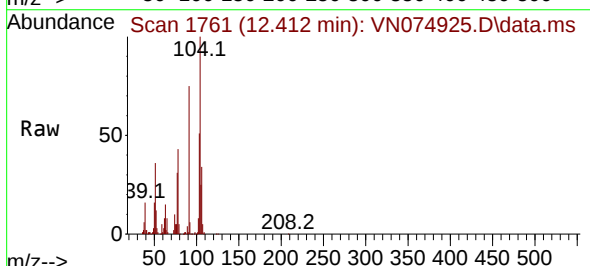
Manual Integrations
APPROVED

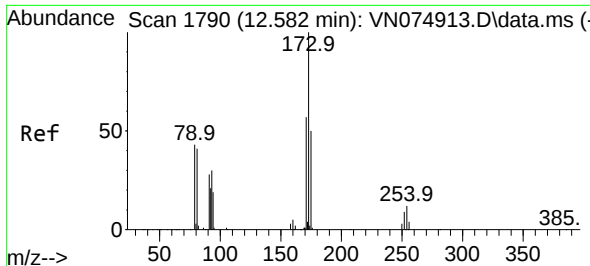
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 19.790 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

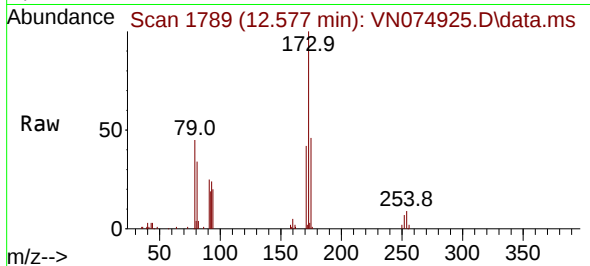
Tgt Ion:104 Resp: 397231
Ion Ratio Lower Upper
104 100
78 48.1 38.8 58.2
103 54.3 45.0 67.4





#71
Bromoform
Concen: 19.639 ug/l
RT: 12.577 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

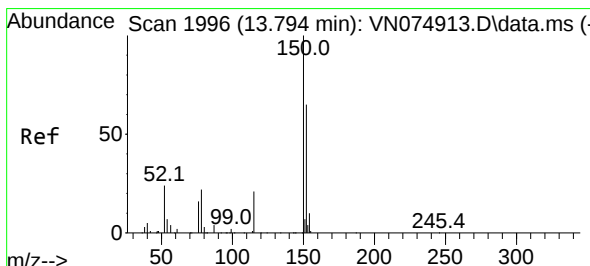
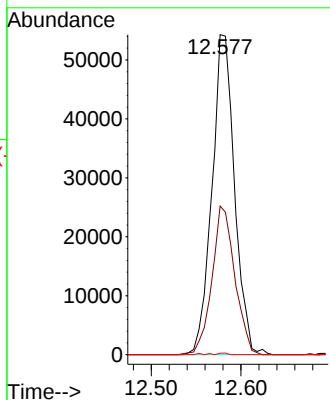
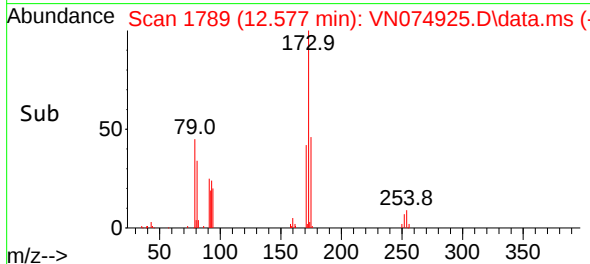
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



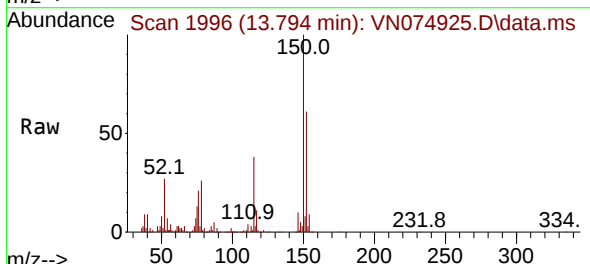
Tgt Ion:173 Resp: 94935
Ion Ratio Lower Upper
173 100
175 46.9 24.5 73.5
254 0.3 0.0 0.0

Manual Integrations
APPROVED

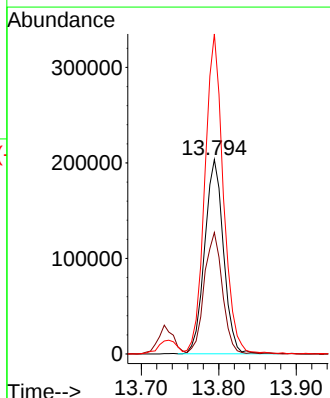
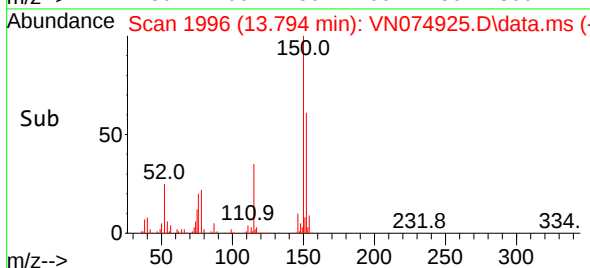
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

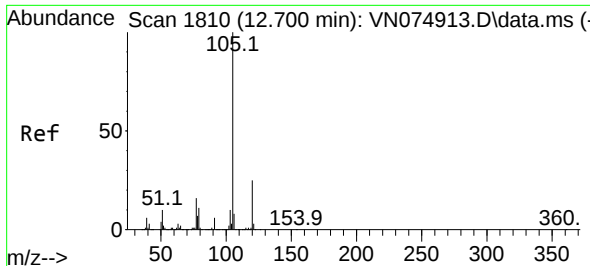


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



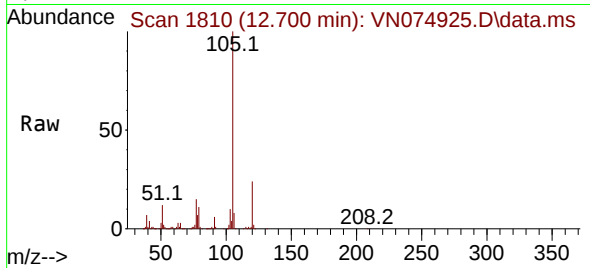
Tgt Ion:152 Resp: 342452
Ion Ratio Lower Upper
152 100
115 60.1 29.7 89.1
150 162.8 0.0 341.6





#73
Isopropylbenzene
Concen: 19.406 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

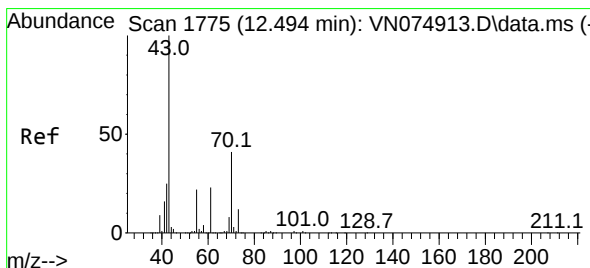
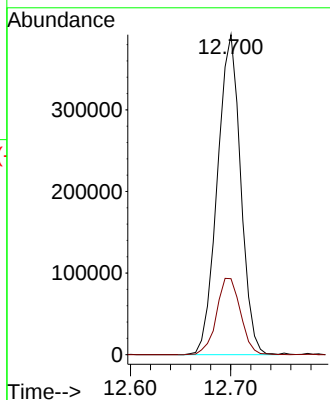
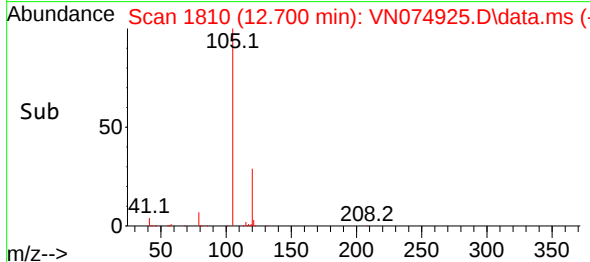
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion:105 Resp: 633024
Ion Ratio Lower Upper
105 100
120 24.5 12.9 38.7

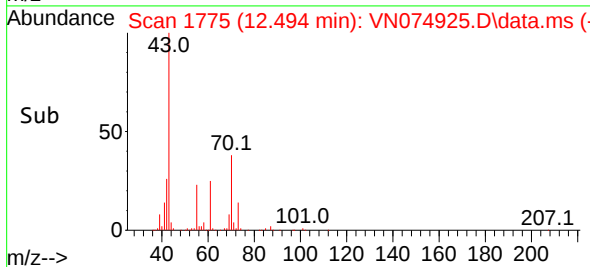
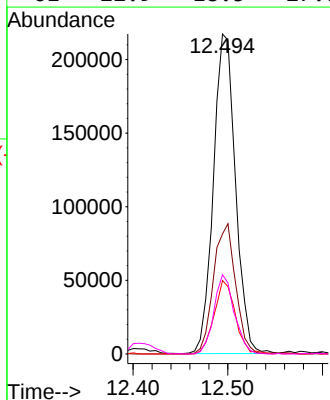
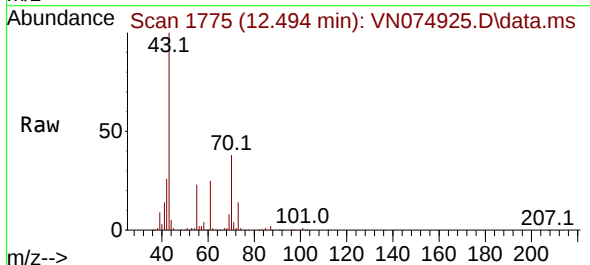
Manual Integrations
APPROVED

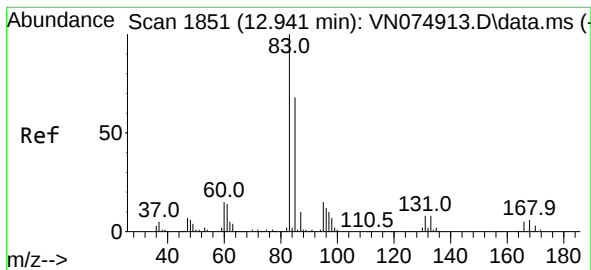
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
N-ethyl acetate
Concen: 19.555 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

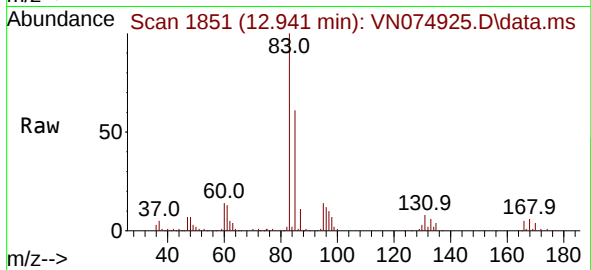
Tgt Ion: 43 Resp: 352606
Ion Ratio Lower Upper
43 100
70 40.7 32.1 48.1
55 22.0 17.7 26.5
61 22.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.727 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

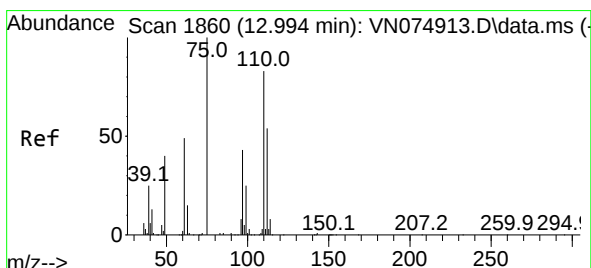
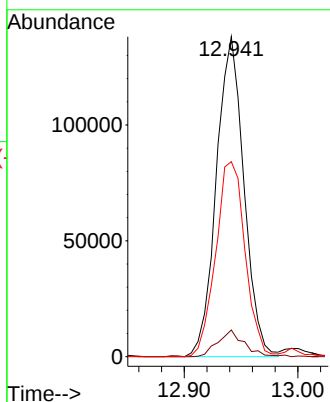
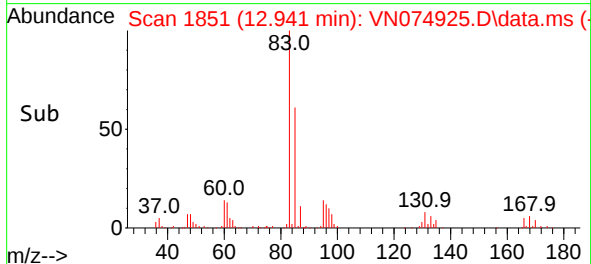
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



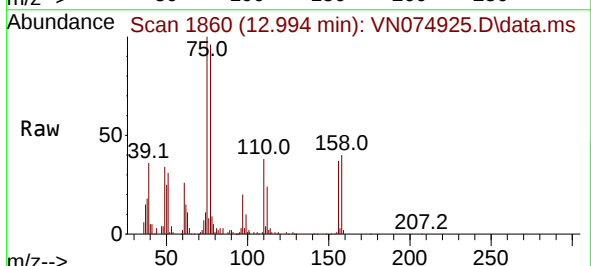
Tgt Ion: 83 Resp: 23326
Ion Ratio Lower Upper
83 100
131 8.1 4.3 12.8
85 64.9 32.6 97.8

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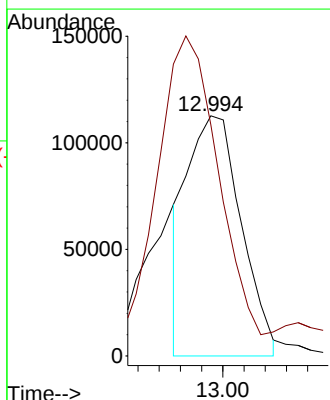
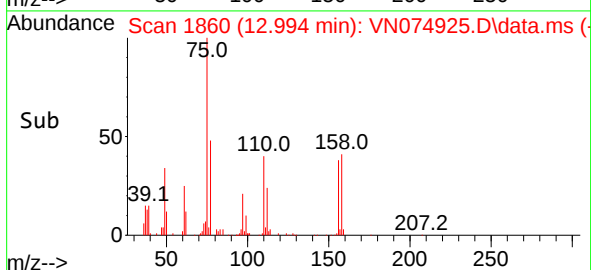
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

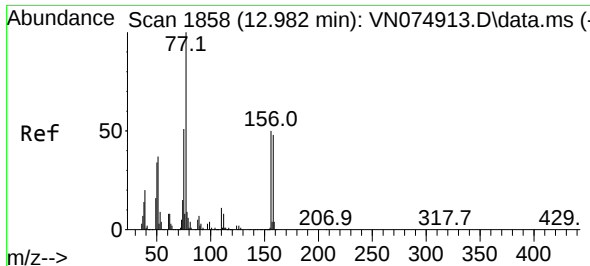


#76
1,2,3-Trichloropropane
Concen: 20.518 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



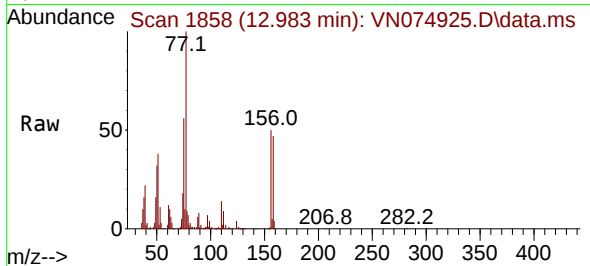
Tgt Ion: 75 Resp: 198594
Ion Ratio Lower Upper
75 100
77 159.1 77.8 233.5





#77
Bromobenzene
Concen: 18.771 ug/l
RT: 12.983 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

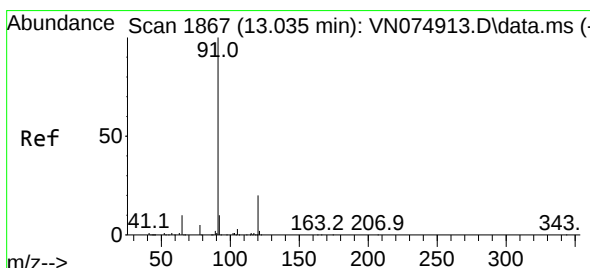
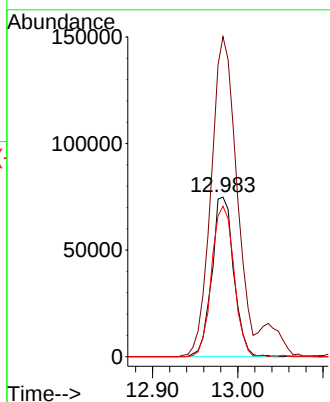
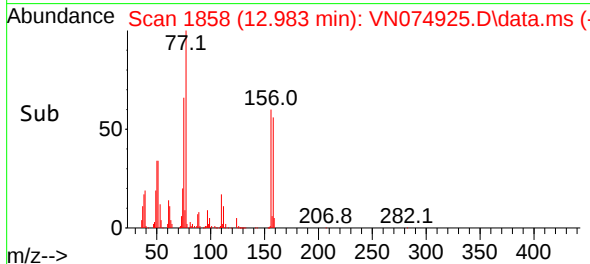
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion:156 Resp: 13369
Ion Ratio Lower Upper
156 100
77 236.3 116.7 350.1
158 96.1 48.2 144.6

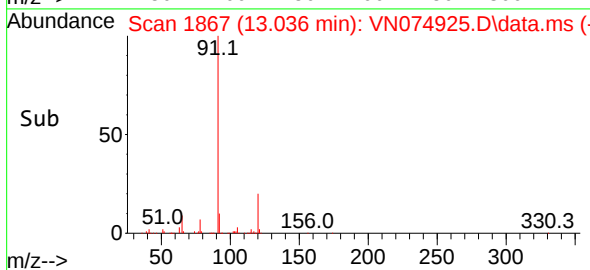
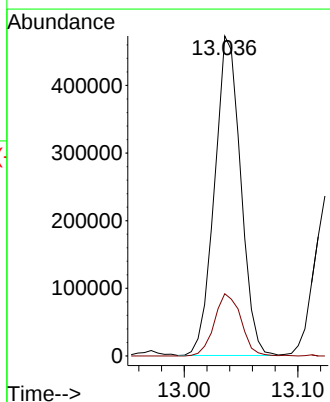
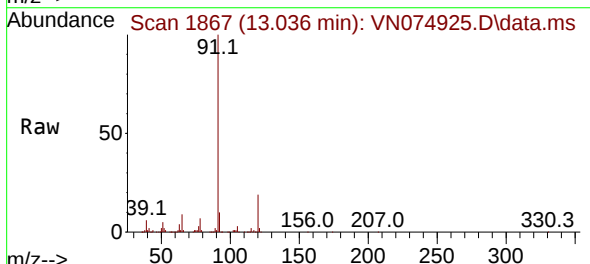
Manual Integrations
APPROVED

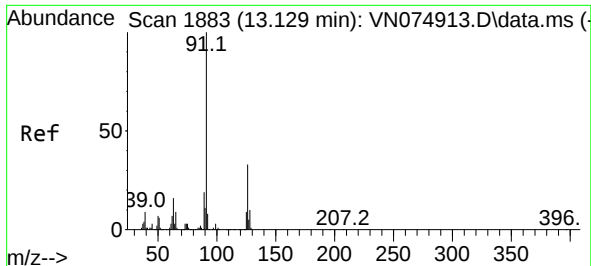
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#78
n-propylbenzene
Concen: 19.956 ug/l
RT: 13.036 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

Tgt Ion: 91 Resp: 755549
Ion Ratio Lower Upper
91 100
120 19.9 10.8 32.4





#79

2-Chlorotoluene

Concen: 18.424 ug/l

RT: 13.130 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN074925.D

Acq: 17 Oct 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBSD01

Tgt Ion: 91 Resp: 43264

Ion Ratio Lower Upper

91 100

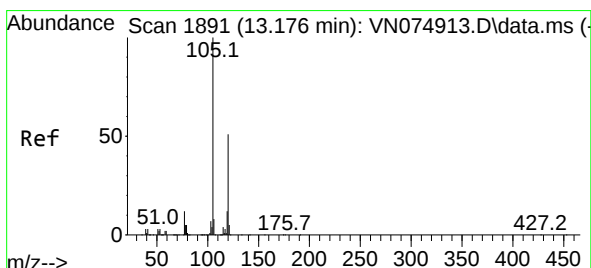
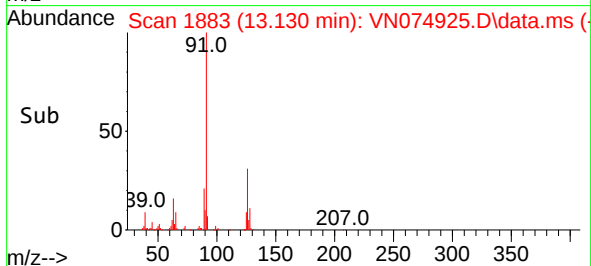
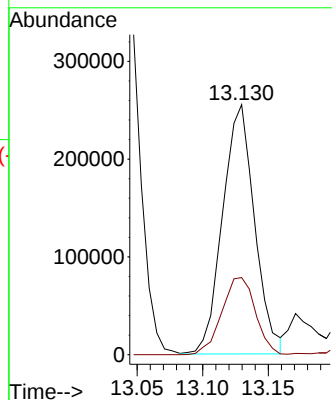
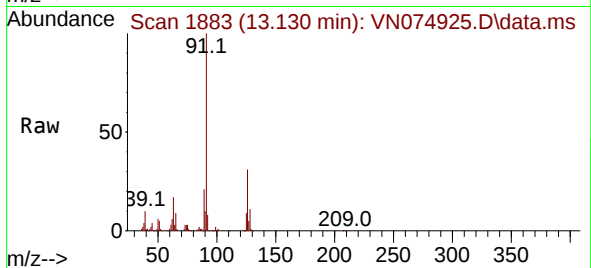
126 32.6 16.6 49.7

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#80

1,3,5-Trimethylbenzene

Concen: 19.571 ug/l

RT: 13.177 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN074925.D

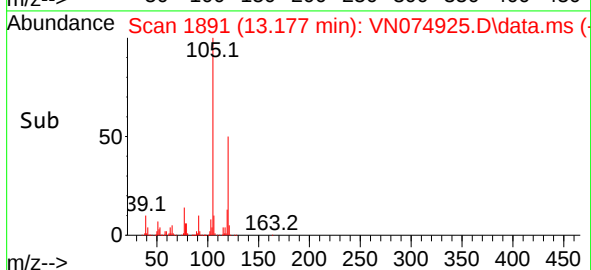
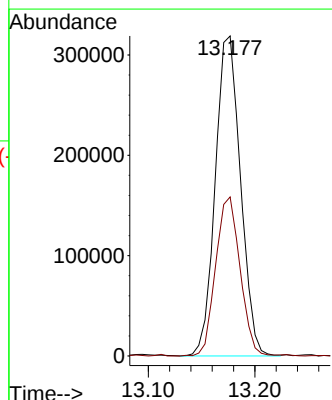
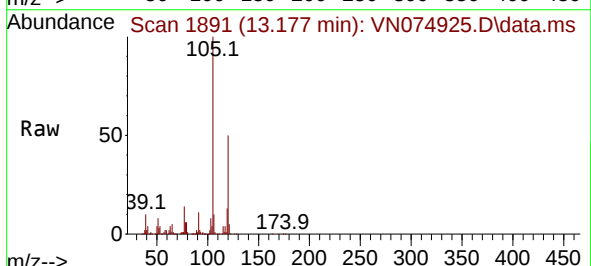
Acq: 17 Oct 2022 18:56

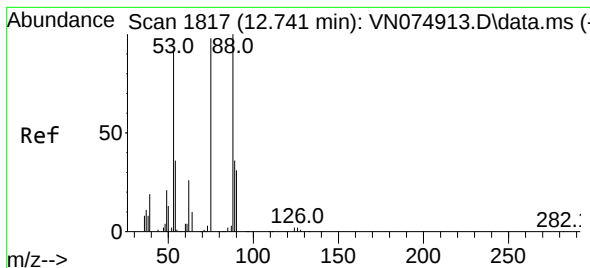
Tgt Ion:105 Resp: 524124

Ion Ratio Lower Upper

105 100

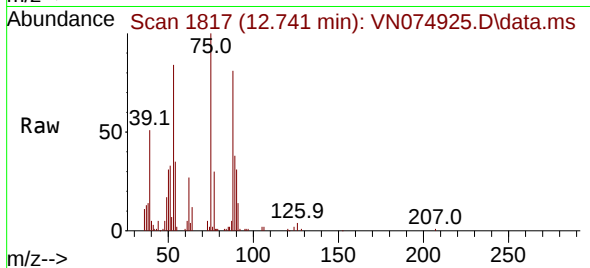
120 48.0 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.516 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

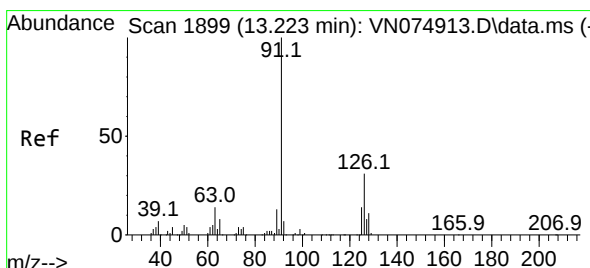
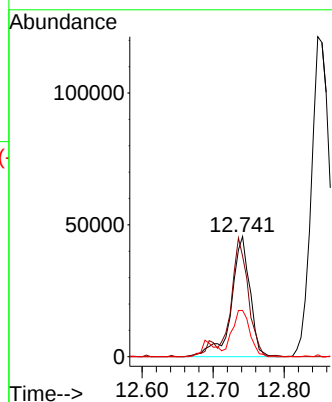
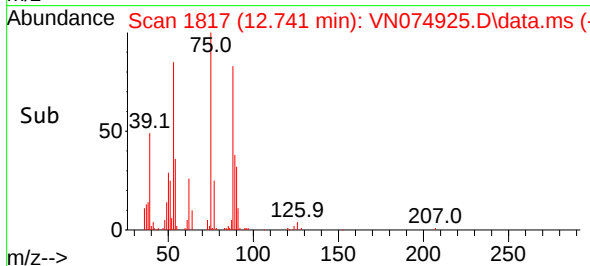
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



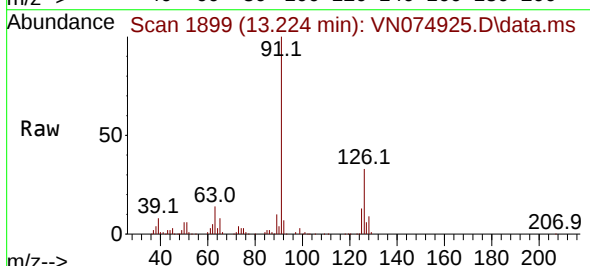
Tgt Ion: 75 Resp: 8261
Ion Ratio Lower Upper
75 100
53 88.6 82.4 123.6
89 36.9 34.7 52.1

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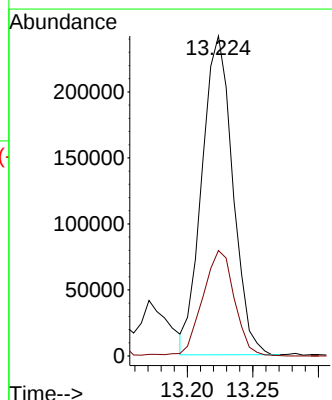
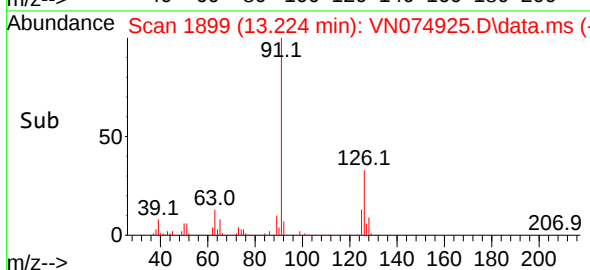
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

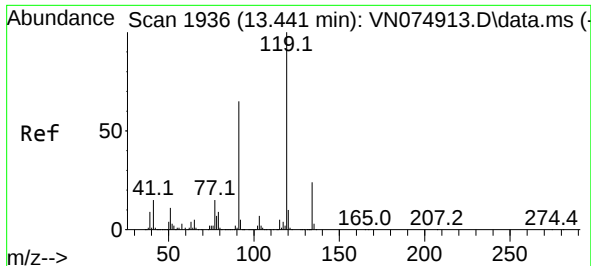


#82
4-Chlorotoluene
Concen: 19.143 ug/l
RT: 13.224 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



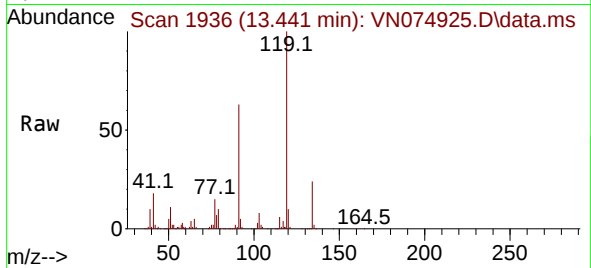
Tgt Ion: 91 Resp: 394978
Ion Ratio Lower Upper
91 100
126 34.2 16.0 47.9





#83
tert-Butylbenzene
Concen: 18.980 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

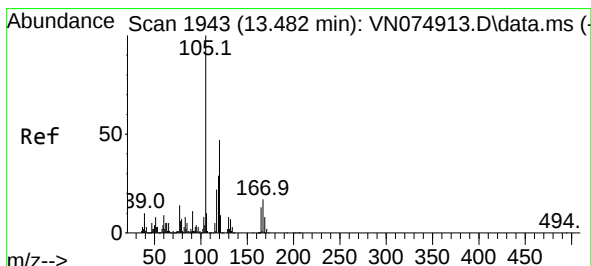
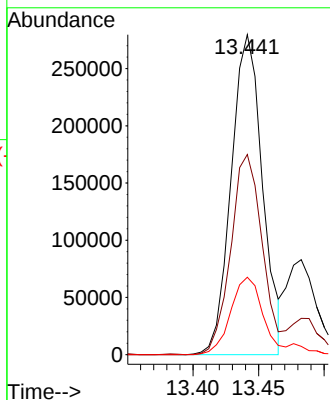
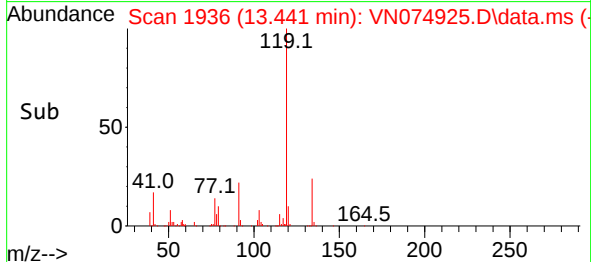
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



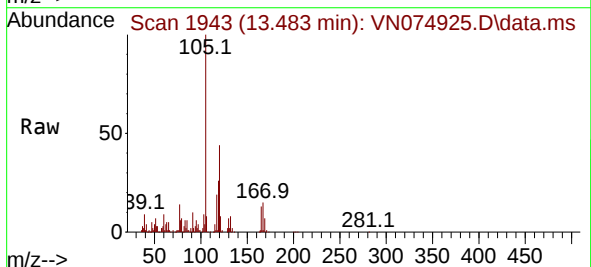
Tgt Ion:119 Resp: 465158
Ion Ratio Lower Upper
119 100
91 64.1 33.1 99.2
134 26.9 13.1 39.3

Manual Integrations
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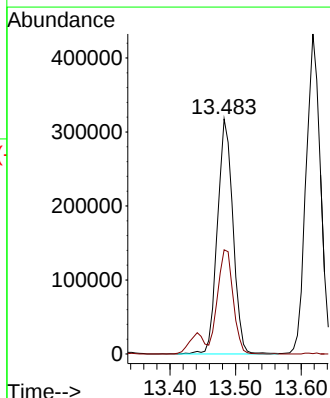
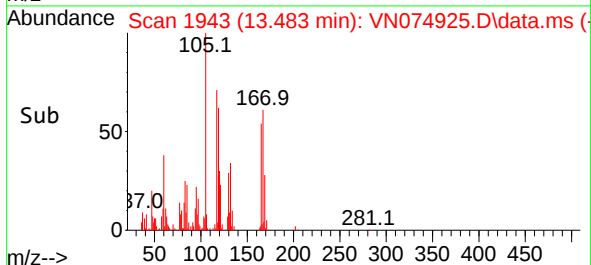
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

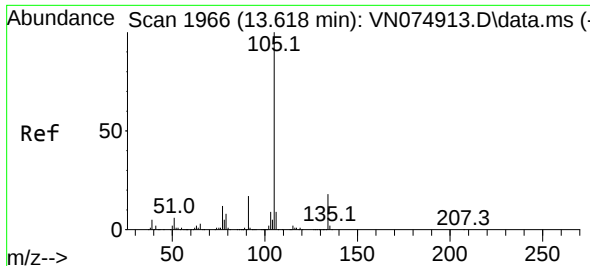


#84
1,2,4-Trimethylbenzene
Concen: 20.241 ug/l
RT: 13.483 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



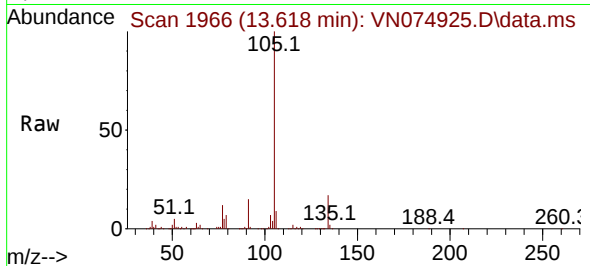
Tgt Ion:105 Resp: 520217
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 19.660 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074925.D
 Acq: 17 Oct 2022 18:56

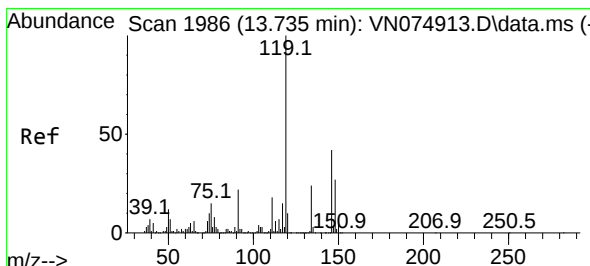
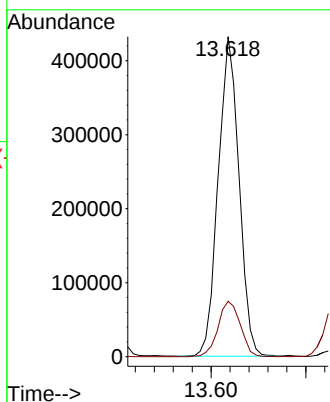
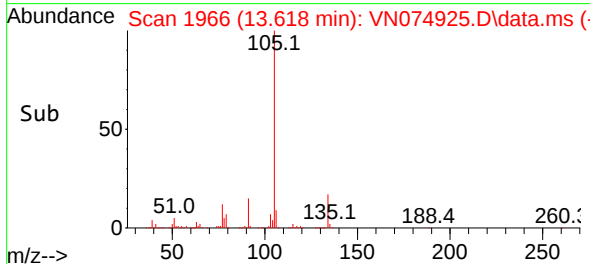
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01



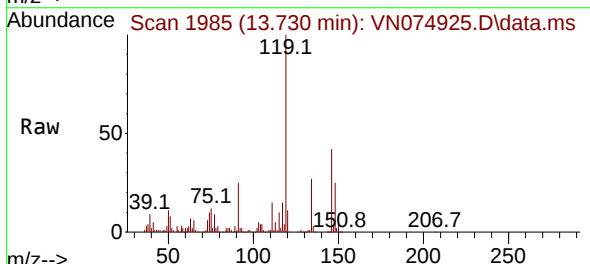
Tgt Ion:105 Resp: 66008
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.2 27.4

Manual Integrations
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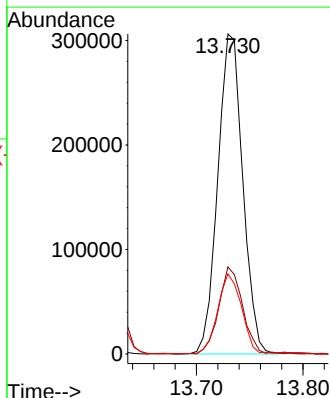
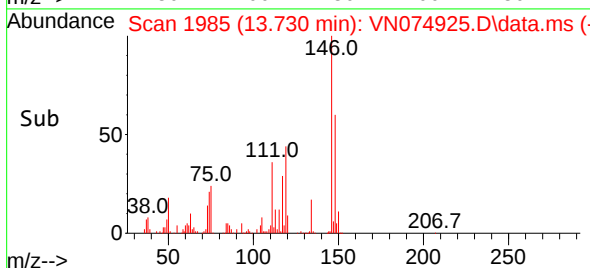
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

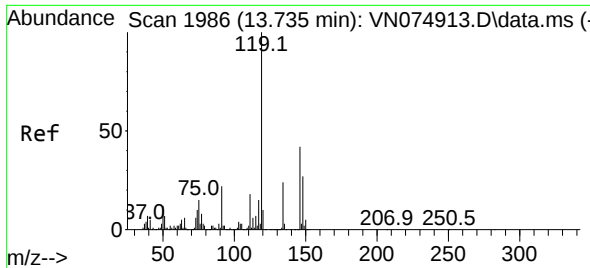


#86
 p-Isopropyltoluene
 Concen: 19.579 ug/l
 RT: 13.730 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN074925.D
 Acq: 17 Oct 2022 18:56



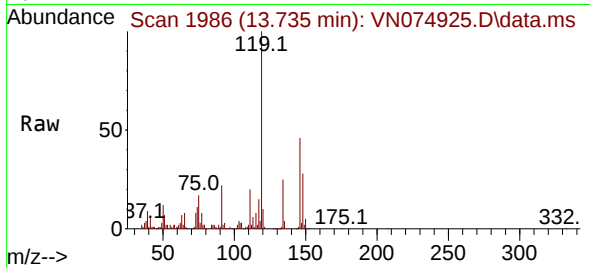
Tgt Ion:119 Resp: 498714
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.3 36.9
 91 23.7 11.8 35.4





#87
1,3-Dichlorobenzene
Concen: 20.292 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

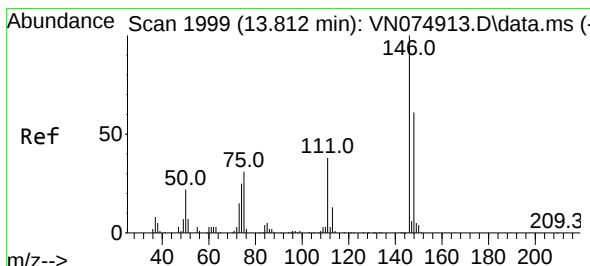
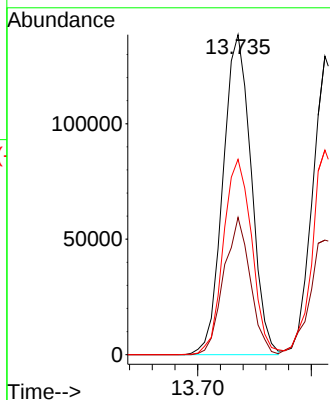
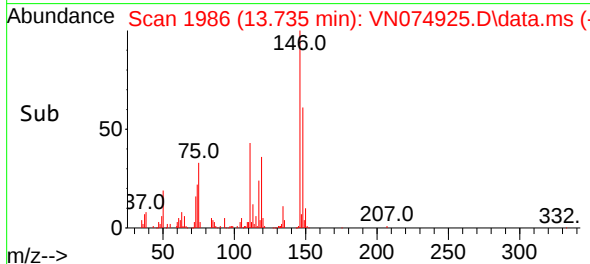
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



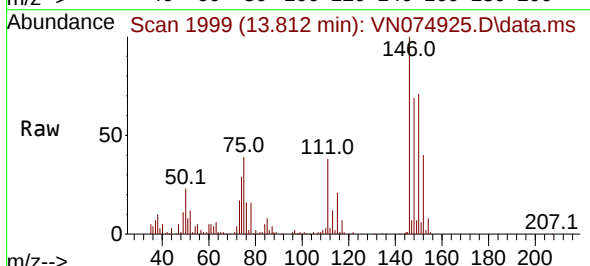
Tgt Ion:146 Resp: 238932
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 61.7 31.4 94.0

Manual Integrations
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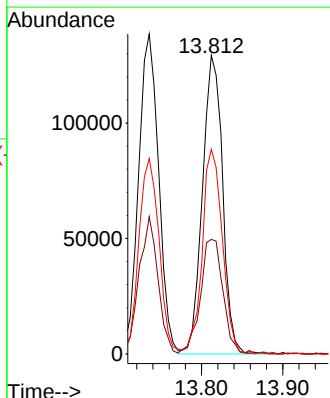
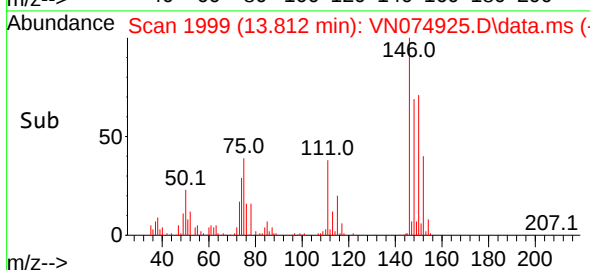
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

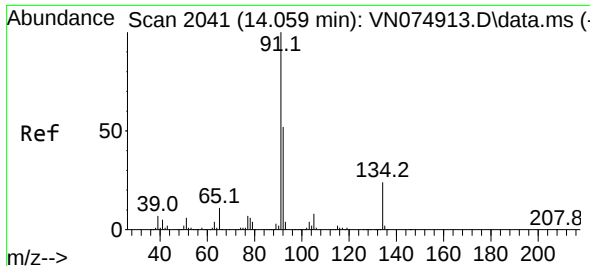


#88
1,4-Dichlorobenzene
Concen: 17.926 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



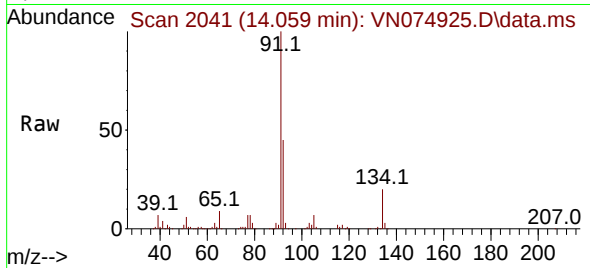
Tgt Ion:146 Resp: 222993
Ion Ratio Lower Upper
146 100
111 42.2 19.4 58.1
148 67.5 31.8 95.3





#89
n-Butylbenzene
Concen: 19.833 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

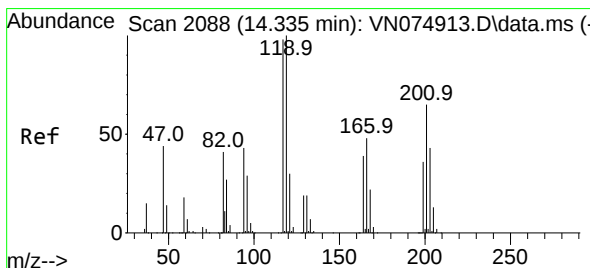
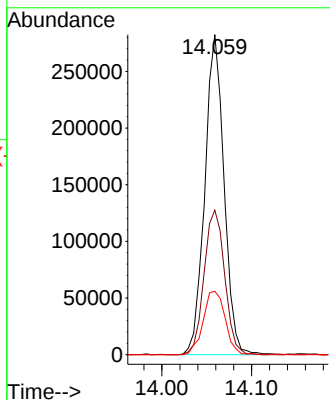
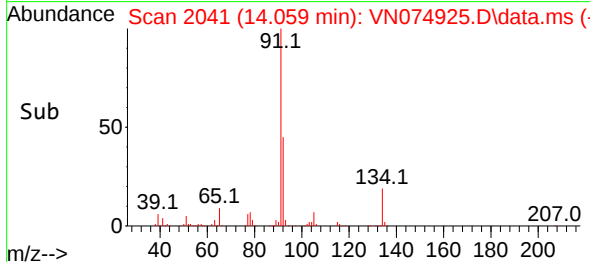
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion: 91 Resp: 42047
Ion Ratio Lower Upper
91 100
92 48.3 26.0 78.0
134 22.7 11.8 35.3

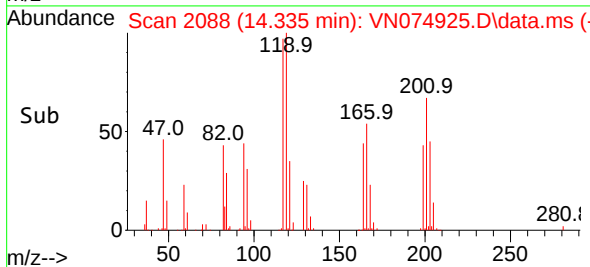
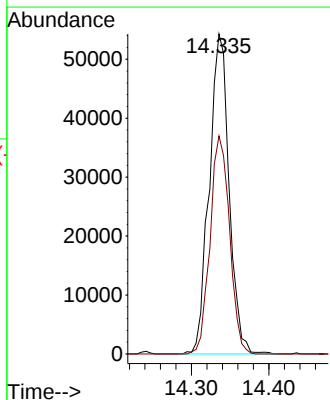
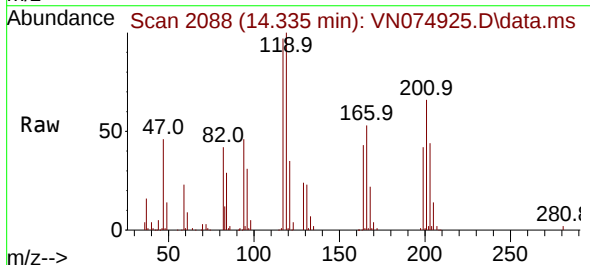
Manual Integrations
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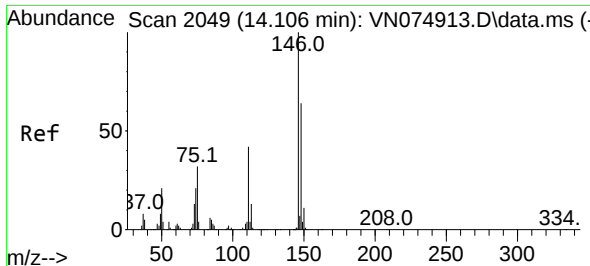
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#90
Hexachloroethane
Concen: 18.394 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

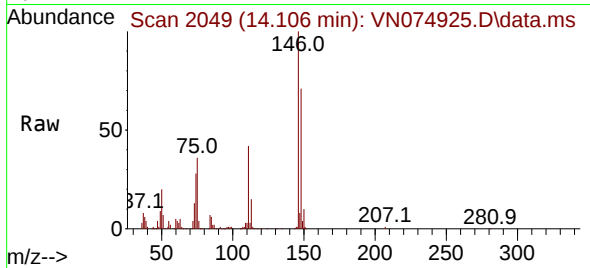
Tgt Ion:117 Resp: 96733
Ion Ratio Lower Upper
117 100
201 66.6 31.6 95.0





#91
1,2-Dichlorobenzene
Concen: 18.830 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

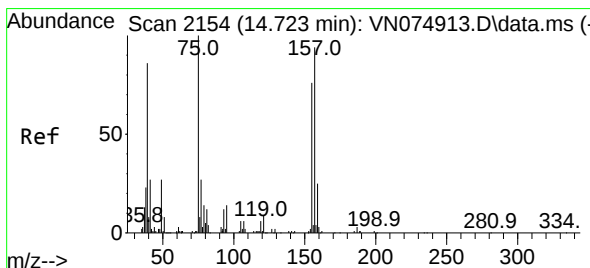
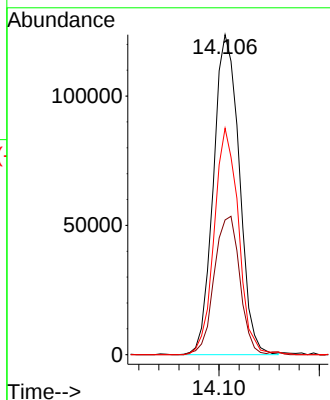
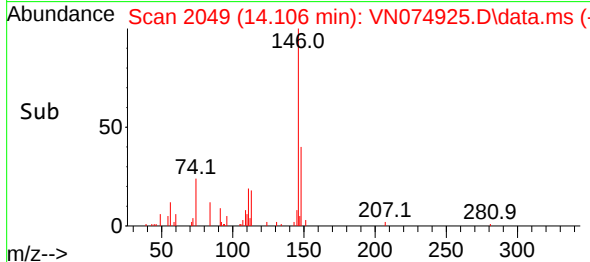
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion:146 Resp: 22144
Ion Ratio Lower Upper
146 100
111 42.9 20.4 61.3
148 66.7 32.1 96.3

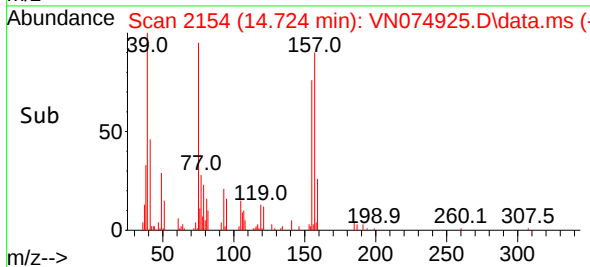
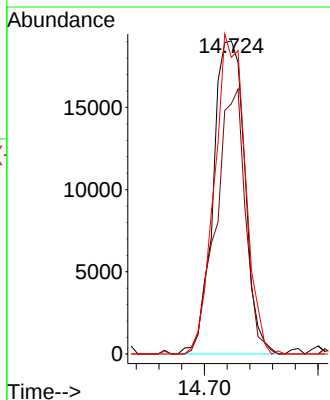
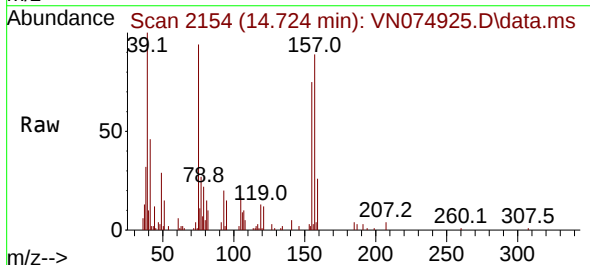
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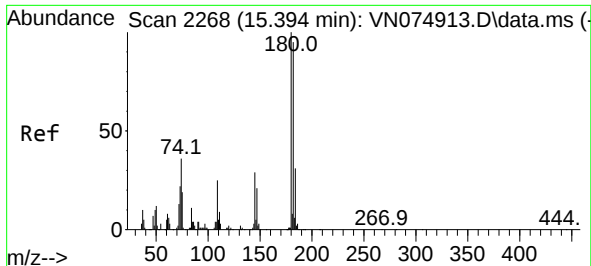
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.089 ug/l
RT: 14.724 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

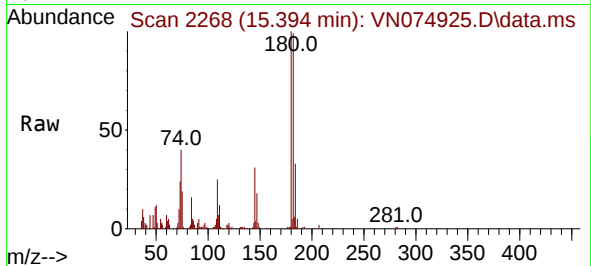
Tgt Ion: 75 Resp: 36633
Ion Ratio Lower Upper
75 100
155 79.1 39.9 119.6
157 99.5 50.6 151.8





#93
1,2,4-Trichlorobenzene
Concen: 18.734 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

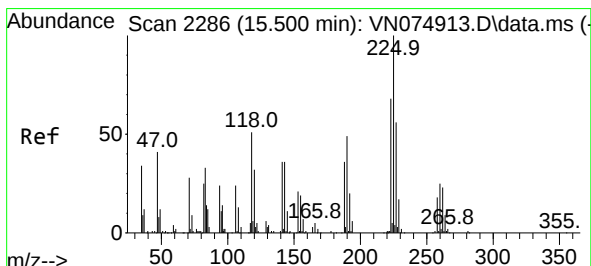
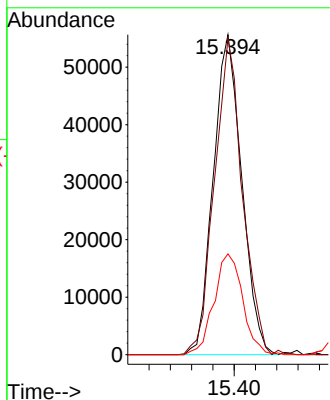
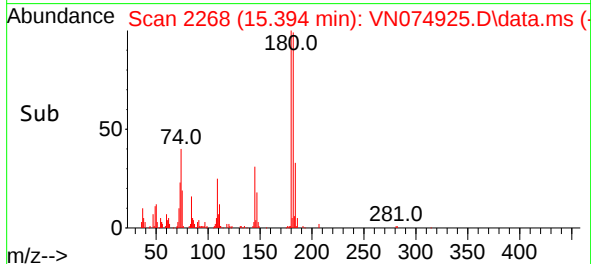
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



Tgt Ion:180 Resp: 10311
Ion Ratio Lower Upper
180 100
182 97.2 49.1 147.3
145 31.8 15.4 46.4

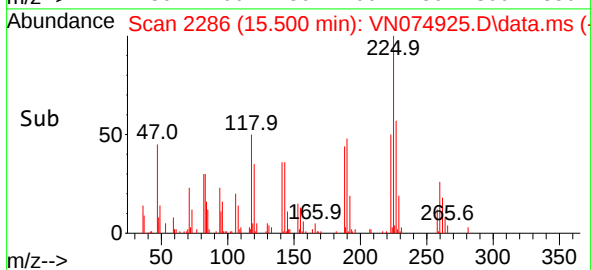
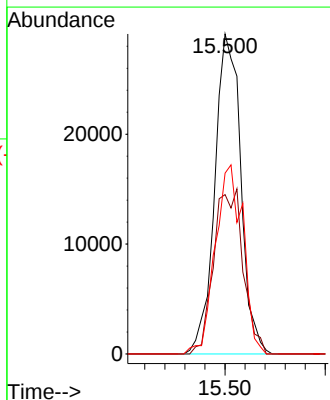
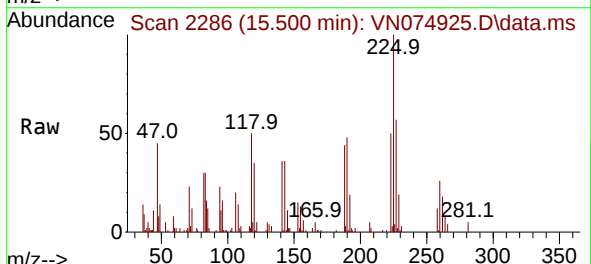
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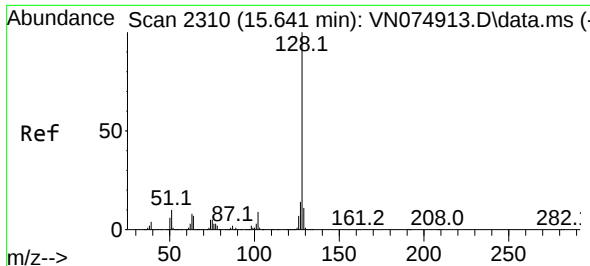
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#94
Hexachlorobutadiene
Concen: 19.924 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

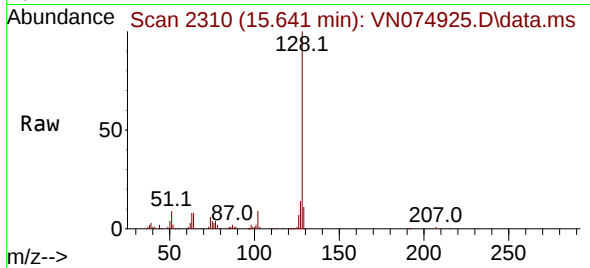
Tgt Ion:225 Resp: 52345
Ion Ratio Lower Upper
225 100
223 58.6 29.8 89.5
227 63.0 30.1 90.5





#95
Naphthalene
Concen: 18.730 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56

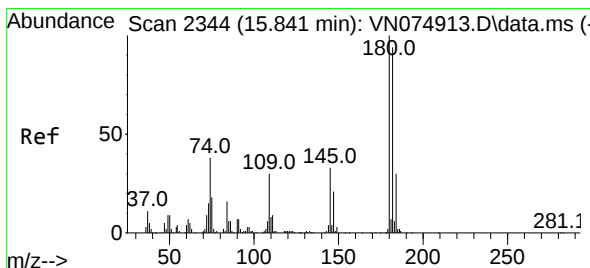
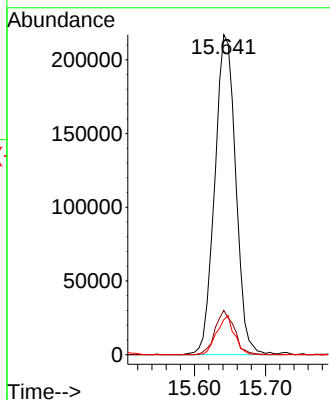
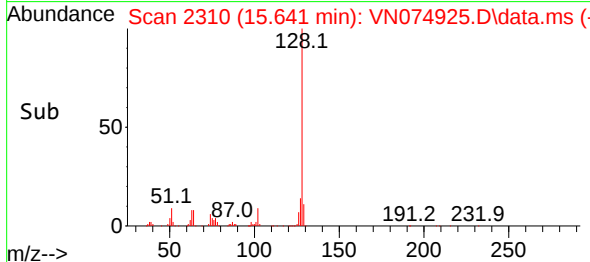
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01



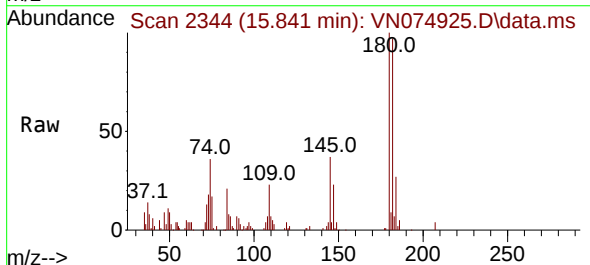
Tgt Ion:128 Resp: 444532
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.3 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.146 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074925.D
Acq: 17 Oct 2022 18:56



Tgt Ion:180 Resp: 104252
Ion Ratio Lower Upper
180 100
182 102.6 46.9 140.6
145 35.5 15.8 47.4

