

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074829.D
 Acq On : 10 Oct 2022 13:59
 Operator : JC\MD
 Sample : VN1010WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2022
 Supervised By : Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 06:23:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	242753	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	454033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	478099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	283751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307776	53.509	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.020%	
35) Dibromofluoromethane	8.177	113	240114	52.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.680%	
50) Toluene-d8	10.571	98	970923	49.326	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.853	95	285053	47.639	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.148	85	100458	20.179	ug/l	96
3) Chloromethane	2.383	50	148465	20.053	ug/l	100
4) Vinyl Chloride	2.530	62	208209	22.714	ug/l	95
5) Bromomethane	2.954	94	158800	24.567	ug/l	86
6) Chloroethane	3.130	64	191844	28.286	ug/l	# 88
7) Trichlorofluoromethane	3.512	101	149835	20.740	ug/l	90
8) Diethyl Ether	3.983	74	76008	20.168	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.395	101	92422	20.882	ug/l	95
10) Methyl Iodide	4.606	142	104147	19.460	ug/l	98
11) Tert butyl alcohol	5.553	59	171142	88.840	ug/l	97
12) 1,1-Dichloroethene	4.359	96	86717	18.406	ug/l	89
13) Acrolein	4.201	56	39281	72.659	ug/l	89
14) Allyl chloride	5.042	41	164519	16.991	ug/l	# 86
15) Acrylonitrile	5.742	53	413052	98.306	ug/l	96
16) Acetone	4.448	43	337495	103.540	ug/l	99
17) Carbon Disulfide	4.736	76	232103	18.028	ug/l	95
18) Methyl Acetate	5.059	43	249719	20.692	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	366502	19.996	ug/l	99
20) Methylene Chloride	5.300	84	115973	21.078	ug/l	93
21) trans-1,2-Dichloroethene	5.812	96	93028	18.459	ug/l	96
22) Diisopropyl ether	6.689	45	420312	20.438	ug/l	96
23) Vinyl Acetate	6.624	43	1623840	96.124	ug/l	98
24) 1,1-Dichloroethane	6.594	63	212292	20.022	ug/l	97
25) 2-Butanone	7.500	43	600182	101.456	ug/l	97
26) 2,2-Dichloropropane	7.506	77	177423	20.288	ug/l	96
27) cis-1,2-Dichloroethene	7.506	96	116991	19.501	ug/l	98
28) Bromochloromethane	7.830	49	102732	21.474	ug/l	100
29) Tetrahydrofuran	7.853	42	403579	97.886	ug/l	98
30) Chloroform	7.977	83	201065	20.703	ug/l	98
31) Cyclohexane	8.265	56	186631	18.773	ug/l	# 87
32) 1,1,1-Trichloroethane	8.183	97	168088	20.305	ug/l	98
36) 1,1-Dichloropropene	8.377	75	138324	18.629	ug/l	98
37) Ethyl Acetate	7.500	43	600182	20.152	ug/l	# 52
38) Carbon Tetrachloride	8.365	117	139355	19.902	ug/l	92
39) Methylcyclohexane	9.606	83	185728	19.309	ug/l	89
40) Benzene	8.618	78	481725	20.041	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	112848	19.234	ug/l	97
42) 1,2-Dichloroethane	8.677	62	155084	20.554	ug/l	99
43) Isopropyl Acetate	8.700	43	373992	20.320	ug/l	97
44) Trichloroethene	9.359	130	100322	20.039	ug/l	87
45) 1,2-Dichloropropane	9.624	63	133653	20.535	ug/l	95
46) Dibromomethane	9.712	93	81809	21.421	ug/l	94
47) Bromodichloromethane	9.888	83	163781	20.990	ug/l	88
48) Methyl methacrylate	9.612	41	159961	21.170	ug/l #	96
49) 1,4-Dioxane	9.706	88	66567	406.467	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	1229467	103.735	ug/l	98
52) Toluene	10.635	92	291287	20.172	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	180833	19.450	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	197897	19.716	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	120113	20.687	ug/l	97
56) Ethyl methacrylate	10.877	69	206037	19.484	ug/l	97
57) 1,3-Dichloropropane	11.171	76	214829	20.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	386519	101.338	ug/l	99
59) 2-Hexanone	11.200	43	918007	102.402	ug/l	98
60) Dibromochloromethane	11.365	129	117166	20.485	ug/l	95
61) 1,2-Dibromoethane	11.471	107	121395	20.562	ug/l	97
64) Tetrachloroethene	11.100	164	78523	20.232	ug/l	90
65) Chlorobenzene	11.894	112	299808	20.469	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	108069	20.207	ug/l	99
67) Ethyl Benzene	11.965	91	550326	20.158	ug/l	99
68) m/p-Xylenes	12.076	106	416285	40.620	ug/l	98
69) o-Xylene	12.400	106	209562	19.931	ug/l	98
70) Styrene	12.412	104	336737	20.315	ug/l	98
71) Bromoform	12.582	173	77402	18.973	ug/l #	95
73) Isopropylbenzene	12.700	105	533297	19.531	ug/l	100
74) N-amyl acetate	12.494	43	306075	18.540	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	207896	21.662	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	153937m	18.176	ug/l	
77) Bromobenzene	12.982	156	111620	21.334	ug/l	95
78) n-propylbenzene	13.041	91	628210	19.970	ug/l	100
79) 2-Chlorotoluene	13.129	91	353916	18.554	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	431730	19.825	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	71174	16.374	ug/l	90
82) 4-Chlorotoluene	13.223	91	341457	19.313	ug/l	96
83) tert-Butylbenzene	13.441	119	378968	20.138	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	434243	19.721	ug/l	94
85) sec-Butylbenzene	13.618	105	543600	19.878	ug/l	100
86) p-Isopropyltoluene	13.735	119	432073	20.474	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	212559	19.629	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	213638	20.886	ug/l	98
89) n-Butylbenzene	14.059	91	360569	19.385	ug/l	99
90) Hexachloroethane	14.335	117	92098	19.519	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	222974	21.381	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40289	17.802	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	97491	21.372	ug/l	96
94) Hexachlorobutadiene	15.500	225	47916	22.454	ug/l	99
95) Naphthalene	15.647	128	406237	20.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	98942	21.420	ug/l	98

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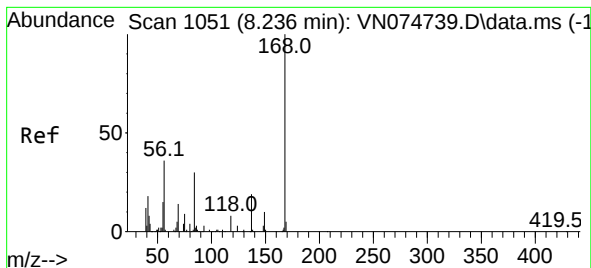
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

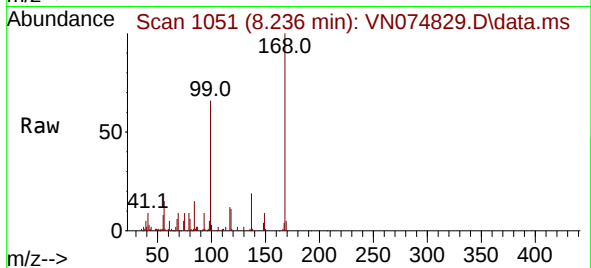
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
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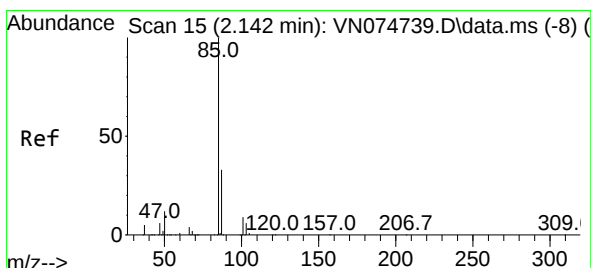
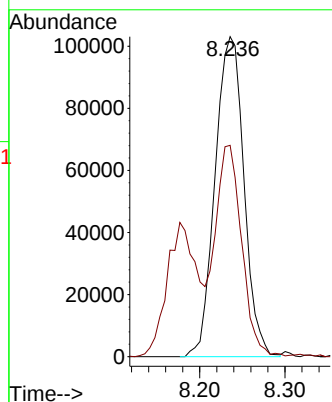
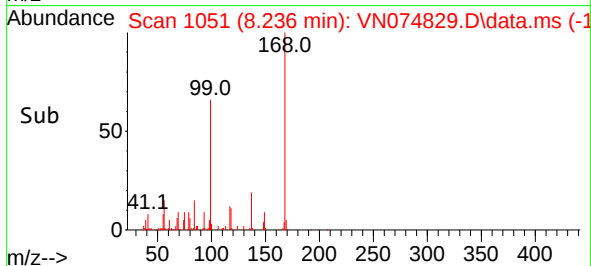
Instrument :
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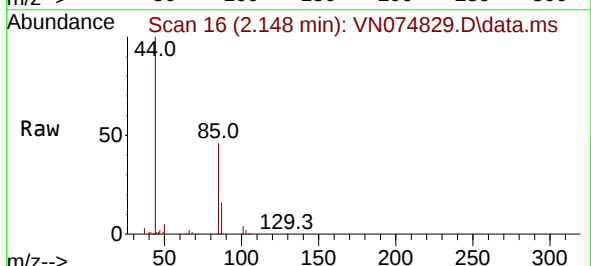
Tgt Ion:168 Resp: 24275
Ion Ratio Lower Upper
168 100
99 65.2 42.8 64.2

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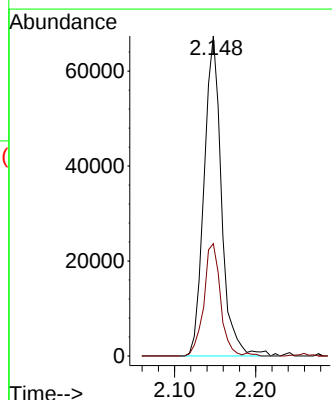
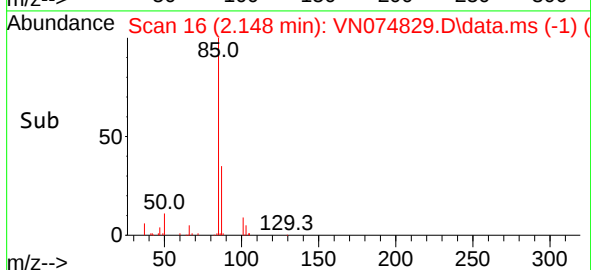
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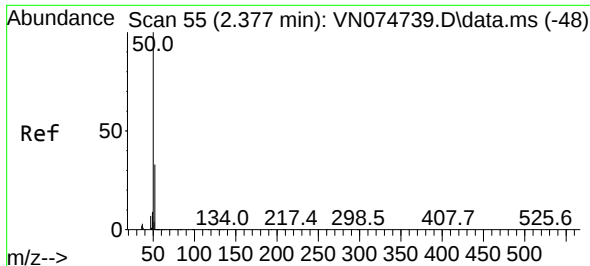


#2
Dichlorodifluoromethane
Concen: 20.179 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



Tgt Ion: 85 Resp: 100458
Ion Ratio Lower Upper
85 100
87 35.1 16.3 48.9





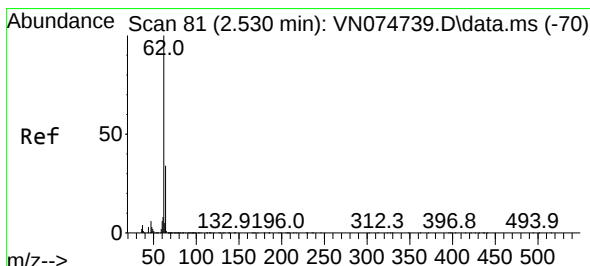
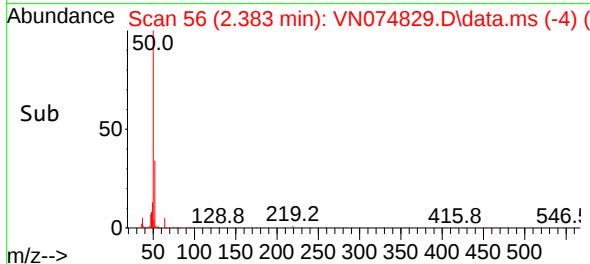
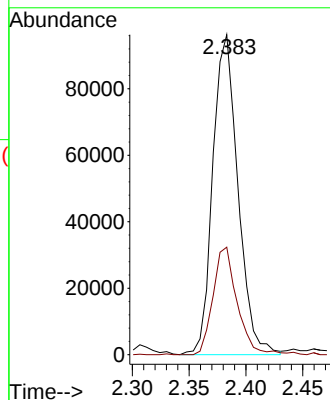
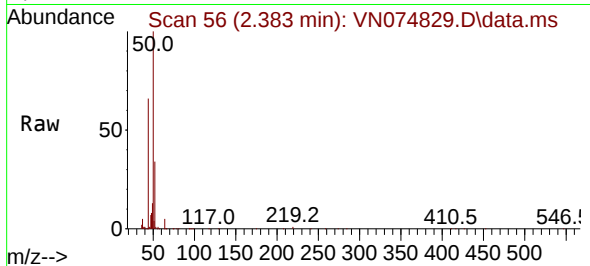
#3
Chloromethane
Concen: 20.053 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
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Tgt Ion: 50 Resp: 14846
Ion Ratio Lower Upper
50 100
52 33.6 26.7 40.1

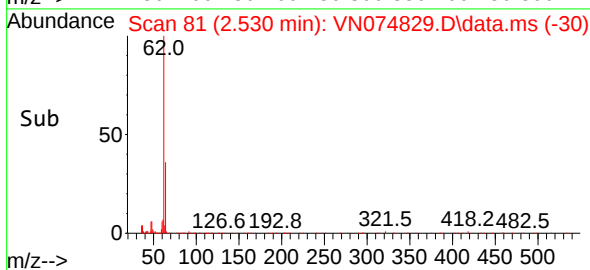
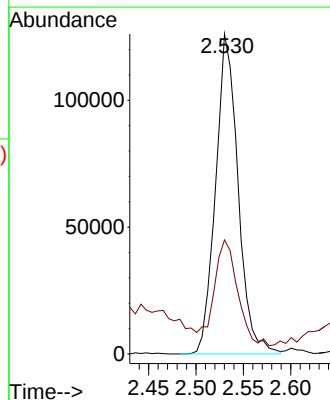
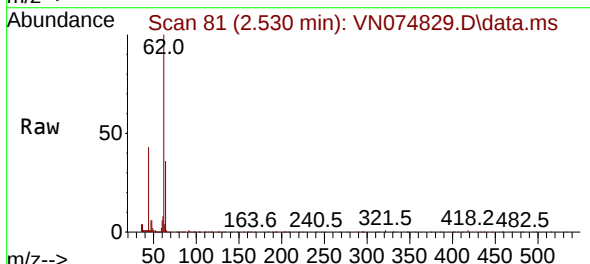
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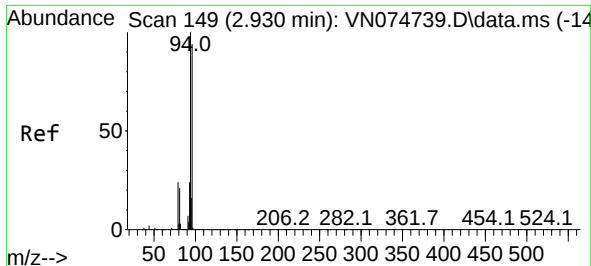
Reviewed By :John Carlone 10/11/2022
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#4
Vinyl Chloride
Concen: 22.714 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

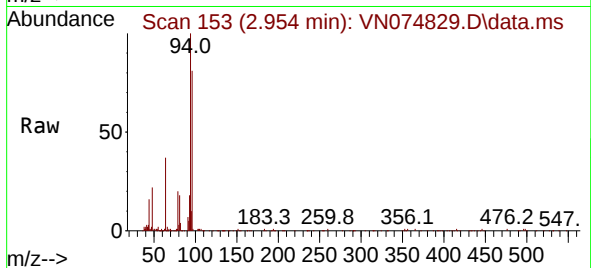
Tgt Ion: 62 Resp: 208209
Ion Ratio Lower Upper
62 100
64 31.6 27.4 41.2





#5
Bromomethane
Concen: 24.567 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

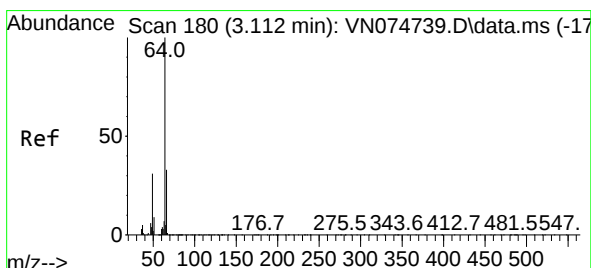
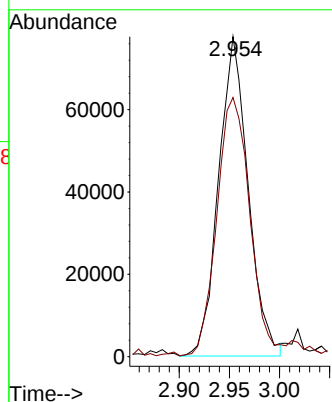
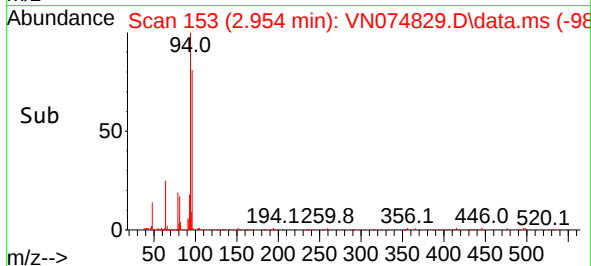
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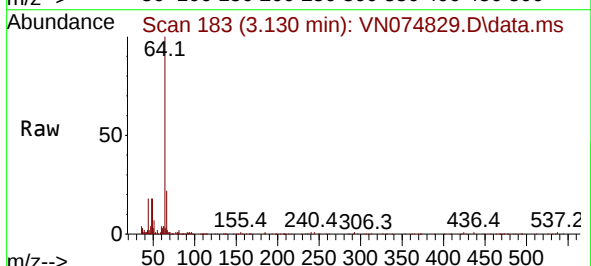
Tgt Ion: 94 Resp: 158800
Ion Ratio Lower Upper
94 100
96 80.3 75.0 112.6

Manual Integrations
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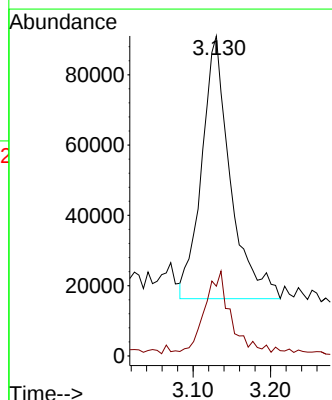
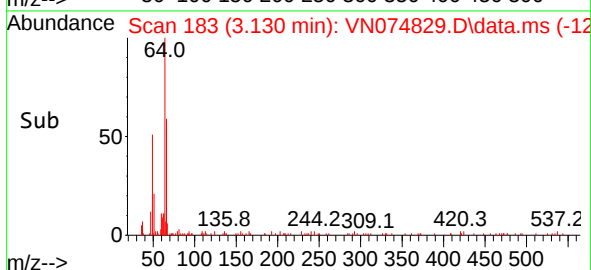
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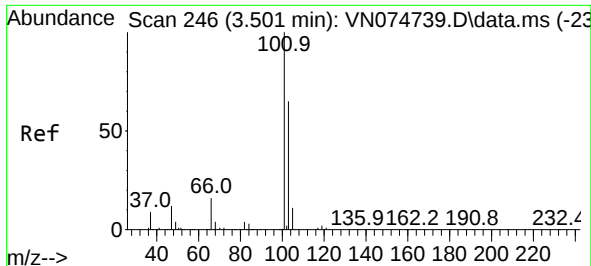


#6
Chloroethane
Concen: 28.286 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.018 min
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Tgt Ion: 64 Resp: 191844
Ion Ratio Lower Upper
64 100
66 24.9 25.1 37.7#





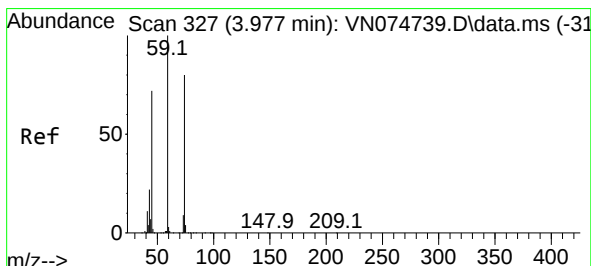
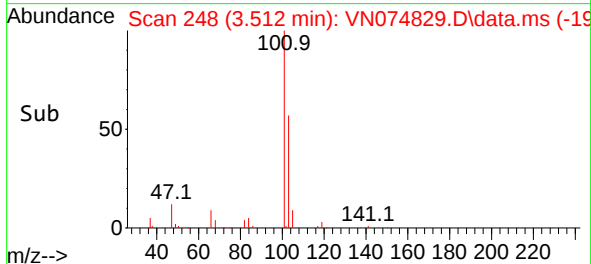
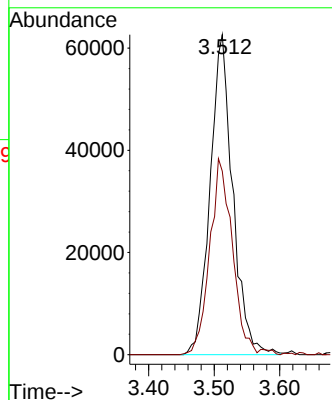
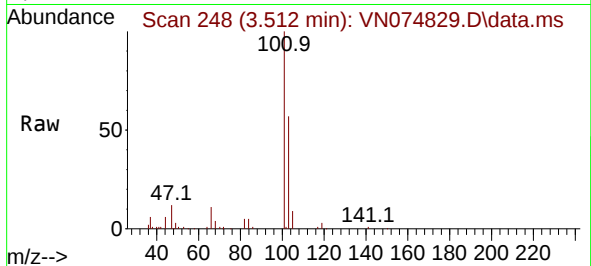
#7
Trichlorofluoromethane
Concen: 20.740 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:101 Resp: 149835
Ion Ratio Lower Upper
101 100
103 57.4 52.0 78.0

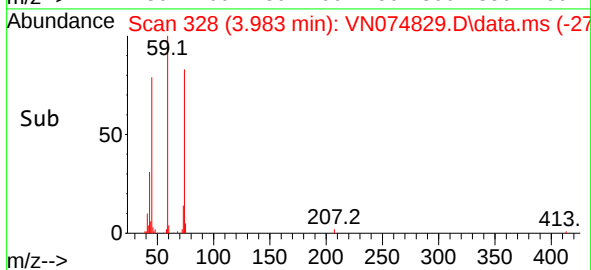
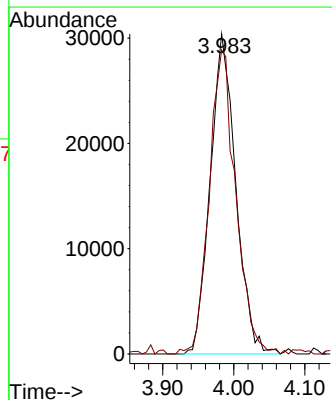
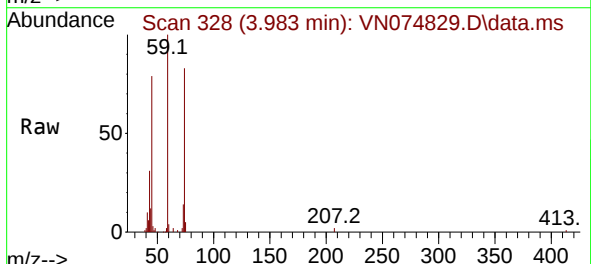
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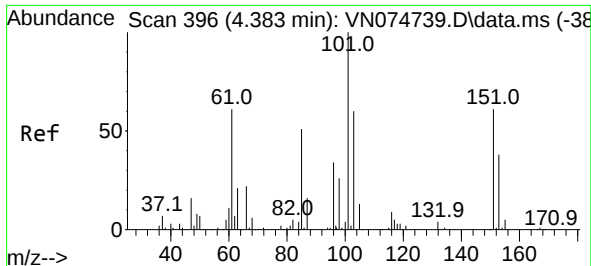
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#8
Diethyl Ether
Concen: 20.168 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Tgt Ion: 74 Resp: 76008
Ion Ratio Lower Upper
74 100
45 98.6 48.2 144.6





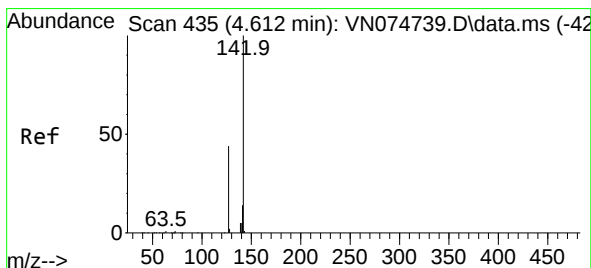
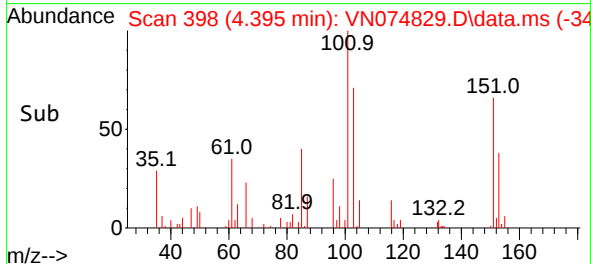
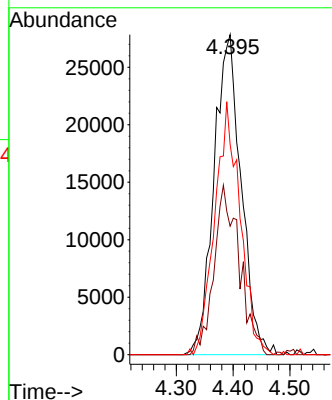
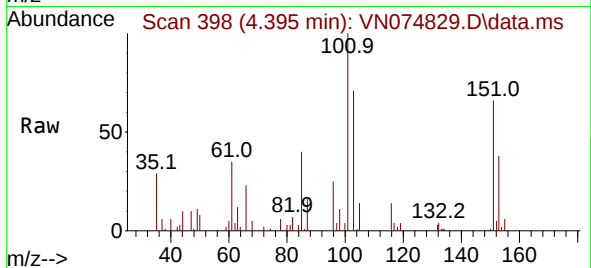
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.882 ug/l
RT: 4.395 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:101 Resp: 9242
Ion Ratio Lower Upper
101 100
85 49.7 37.4 56.0
151 73.6 55.0 82.4

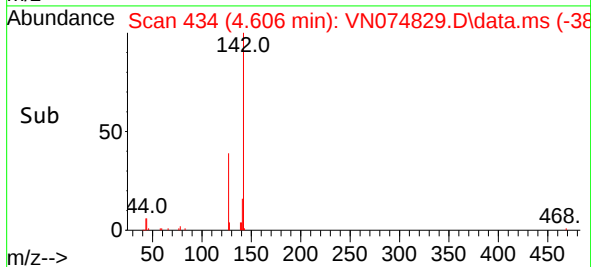
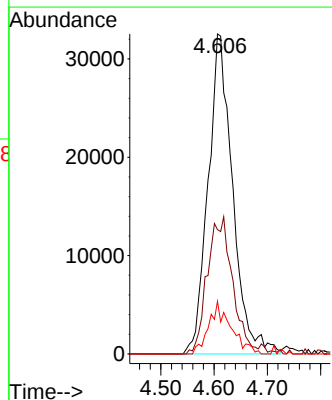
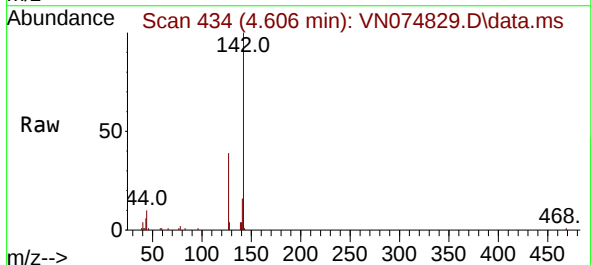
Manual Integrations
APPROVED

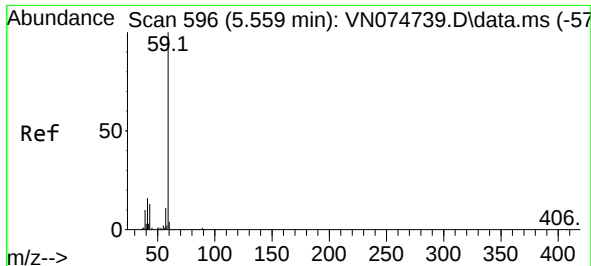
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#10
Methyl Iodide
Concen: 19.460 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

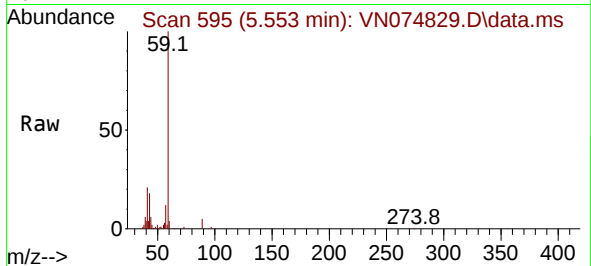
Tgt Ion:142 Resp: 104147
Ion Ratio Lower Upper
142 100
127 43.9 34.4 51.6
141 14.8 11.0 16.6





#11
Tert butyl alcohol
Concen: 88.840 ug/l
RT: 5.553 min Scan# 596
Delta R.T. -0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

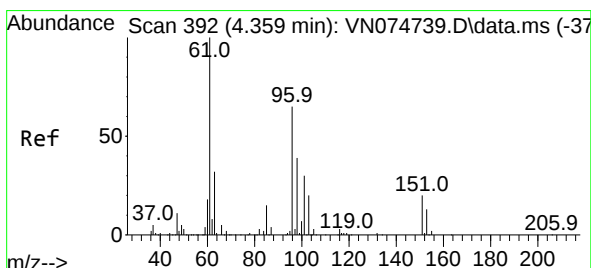
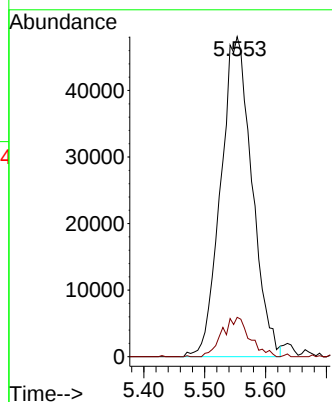
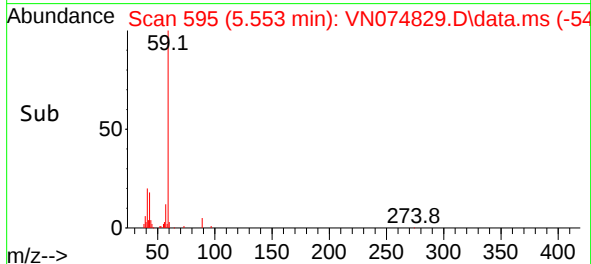
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 59 Resp: 17114
Ion Ratio Lower Upper
59 100
57 10.9 7.7 11.5

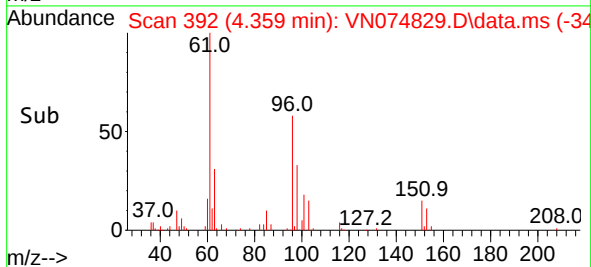
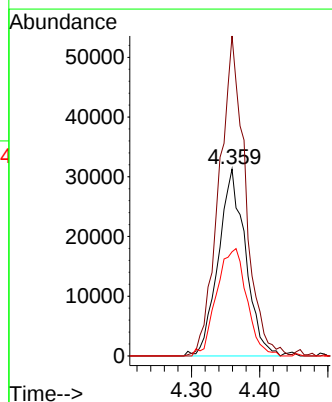
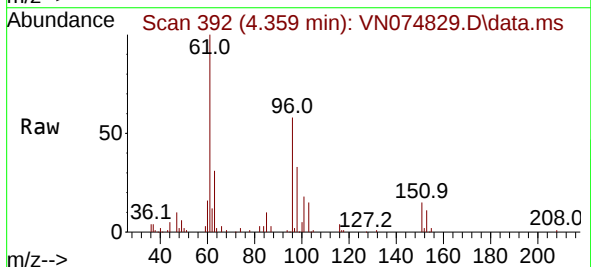
Manual Integrations
APPROVED

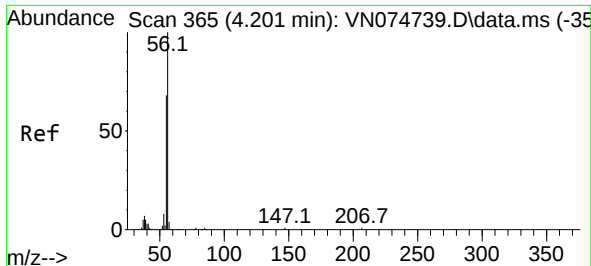
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#12
1,1-Dichloroethene
Concen: 18.406 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

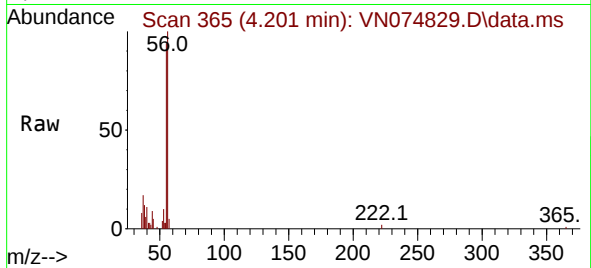
Tgt Ion: 96 Resp: 86717
Ion Ratio Lower Upper
96 100
61 171.2 123.9 185.9
98 55.7 48.8 73.2





#13
Acrolein
Concen: 72.659 ug/l
RT: 4.201 min Scan# 365
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

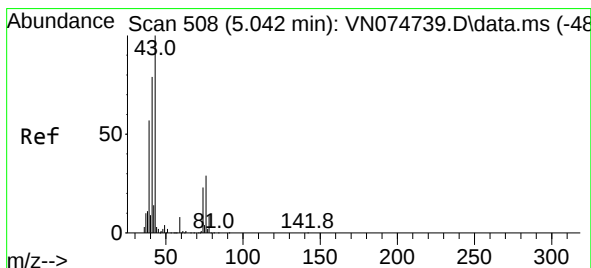
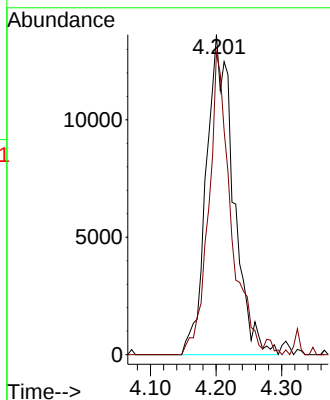
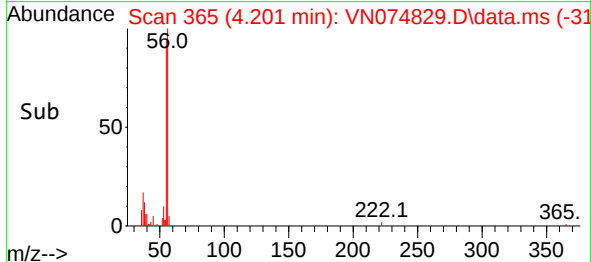
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 56 Resp: 3928
Ion Ratio Lower Upper
56 100
55 77.6 54.9 82.3

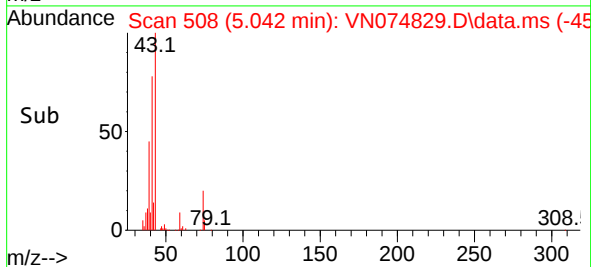
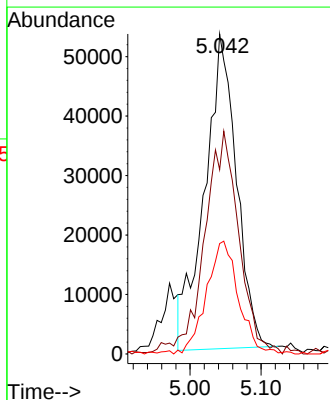
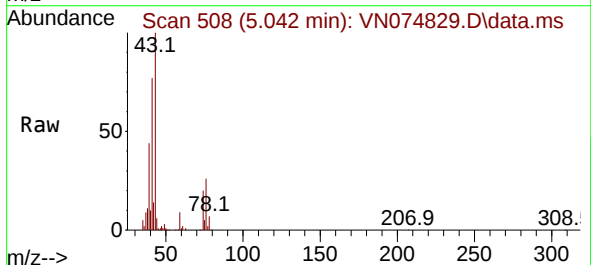
Manual Integrations
APPROVED

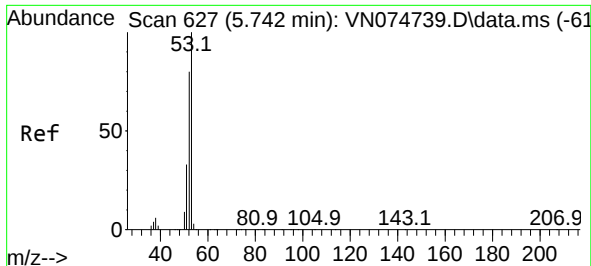
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#14
Allyl chloride
Concen: 16.991 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

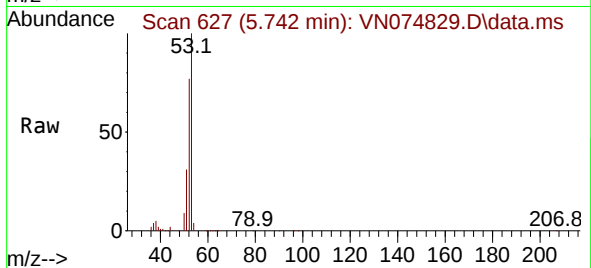
Tgt Ion: 41 Resp: 164519
Ion Ratio Lower Upper
41 100
39 76.5 50.2 75.2#
76 36.2 25.6 38.4





#15
Acrylonitrile
Concen: 98.306 ug/l
RT: 5.742 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

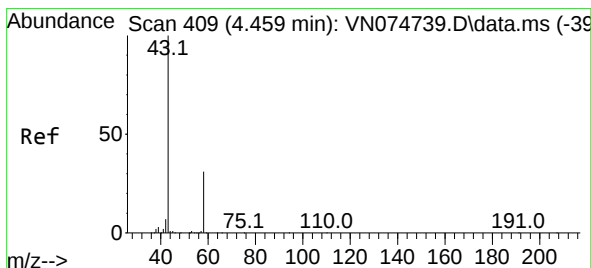
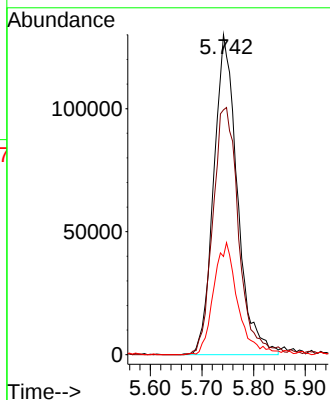
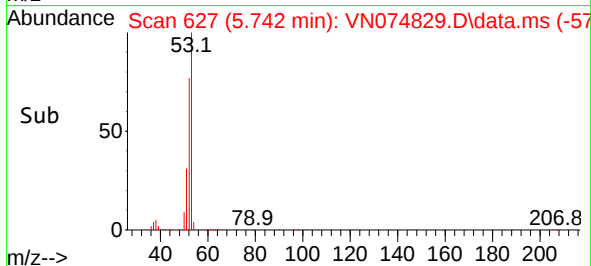
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 53 Resp: 413052
Ion Ratio Lower Upper
53 100
52 84.2 64.3 96.5
51 35.9 27.5 41.3

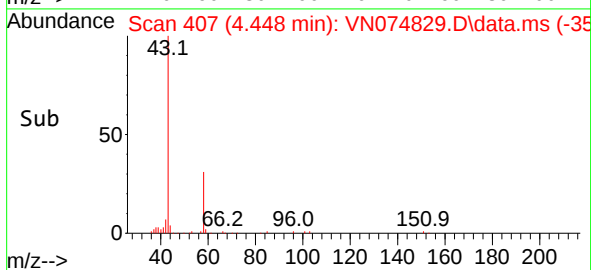
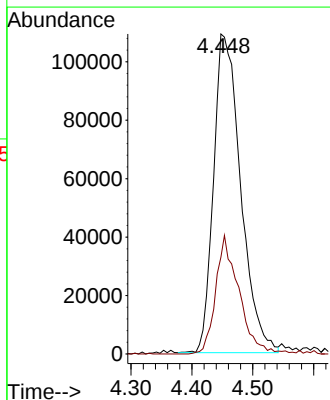
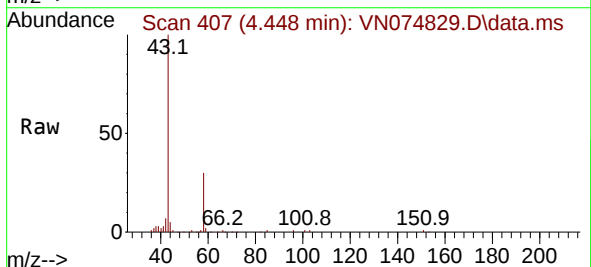
Manual Integrations
APPROVED

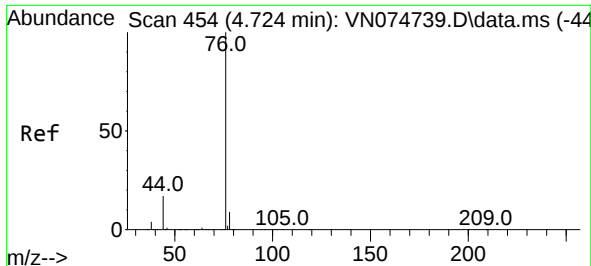
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#16
Acetone
Concen: 103.540 ug/l
RT: 4.448 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Tgt Ion: 43 Resp: 337495
Ion Ratio Lower Upper
43 100
58 30.4 24.9 37.3





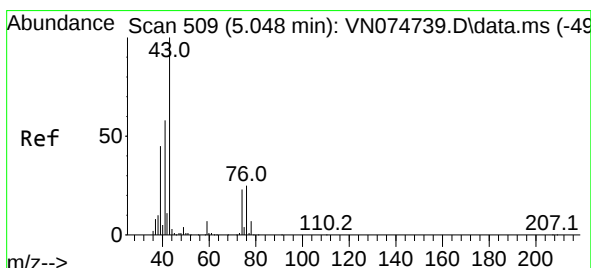
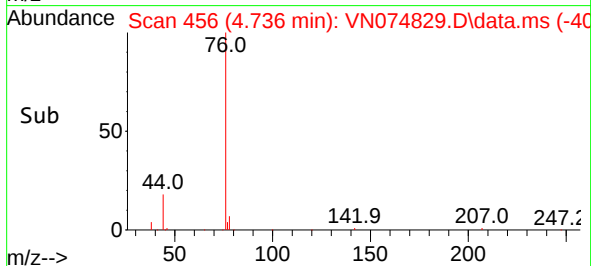
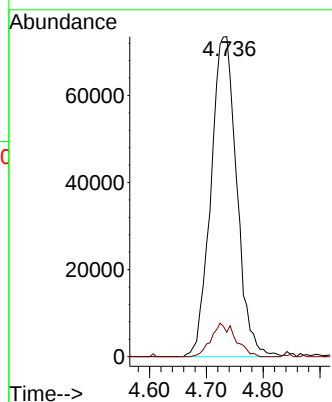
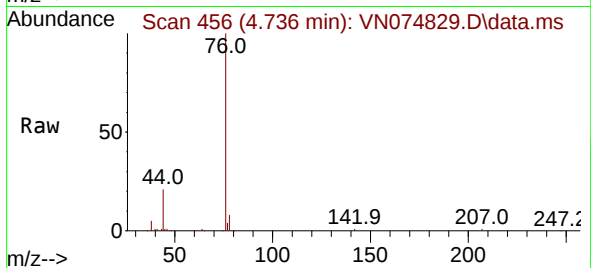
#17
Carbon Disulfide
Concen: 18.028 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 76 Resp: 23210
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3

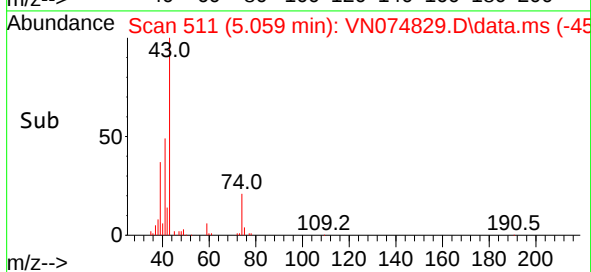
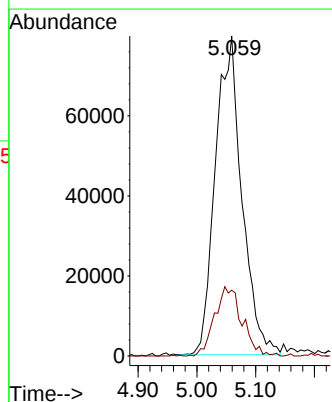
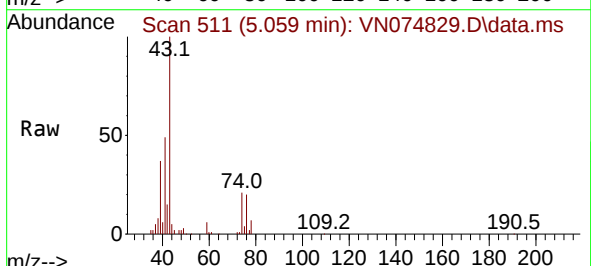
Manual Integrations
APPROVED

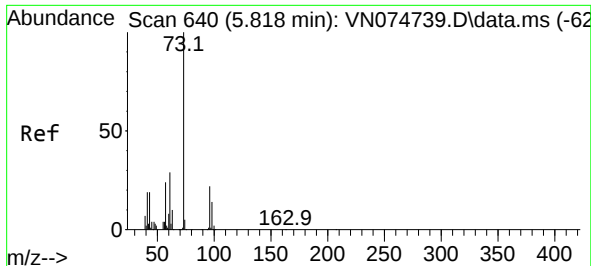
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#18
Methyl Acetate
Concen: 20.692 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

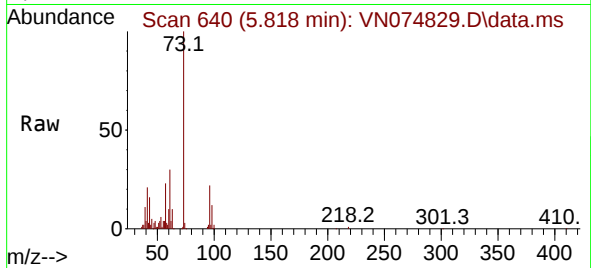
Tgt Ion: 43 Resp: 249719
Ion Ratio Lower Upper
43 100
74 22.4 18.5 27.7





#19
Methyl tert-butyl Ether
Concen: 19.996 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

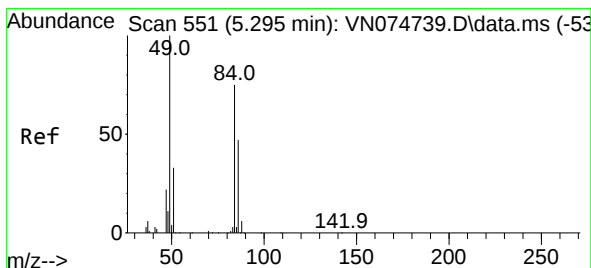
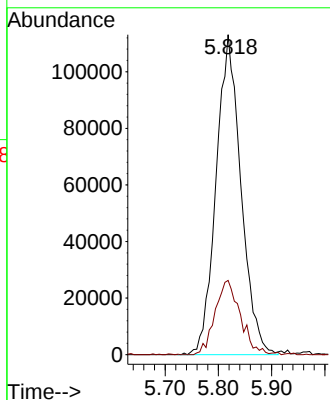
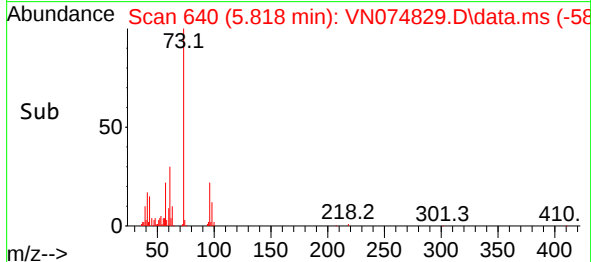
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 73 Resp: 366502
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.4

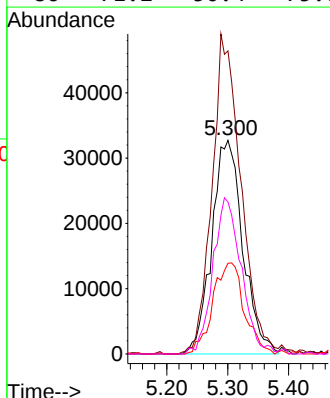
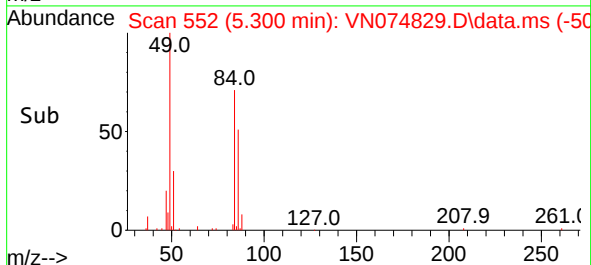
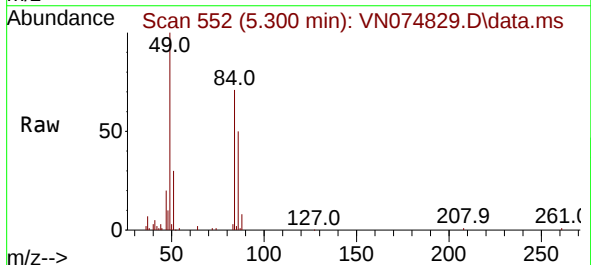
Manual Integrations
APPROVED

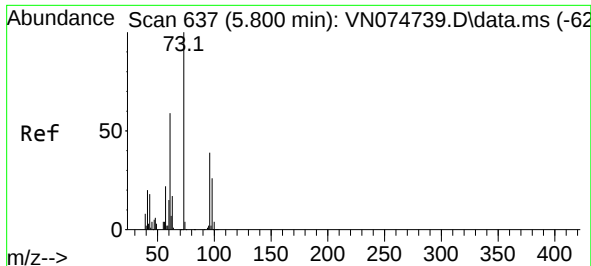
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#20
Methylene Chloride
Concen: 21.078 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

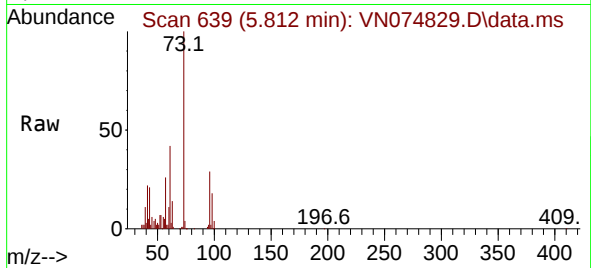
Tgt Ion: 84 Resp: 115973
Ion Ratio Lower Upper
84 100
49 141.8 107.4 161.0
51 42.5 35.1 52.7
86 71.2 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 18.459 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

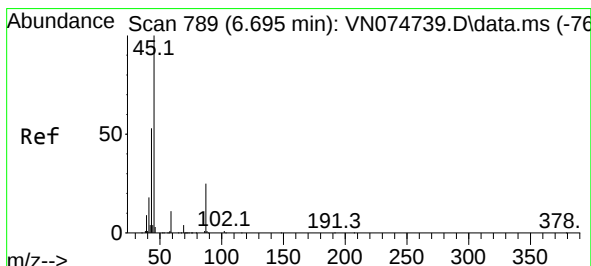
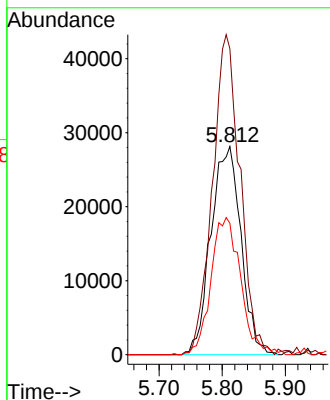
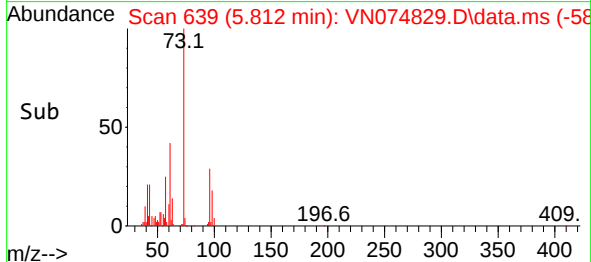
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 96 Resp: 93028
Ion Ratio Lower Upper
96 100
61 147.0 121.5 182.3
98 63.1 53.8 80.8

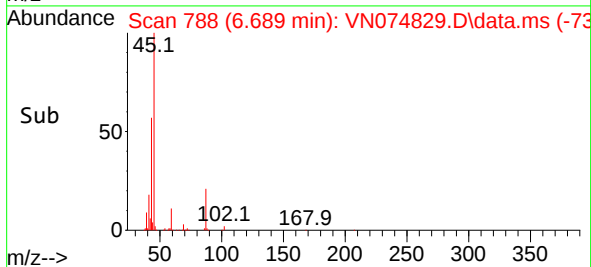
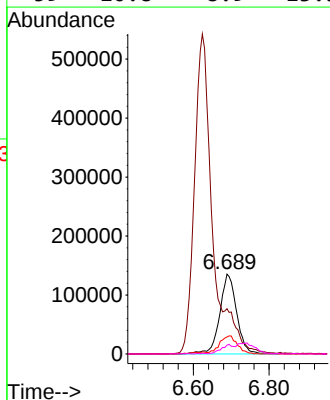
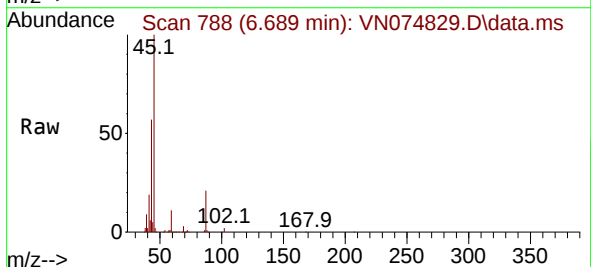
Manual Integrations
APPROVED

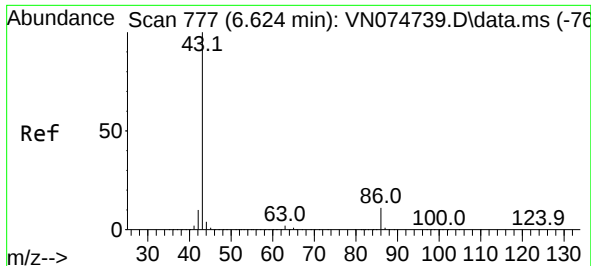
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#22
Diisopropyl ether
Concen: 20.438 ug/l
RT: 6.689 min Scan# 788
Delta R.T. -0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

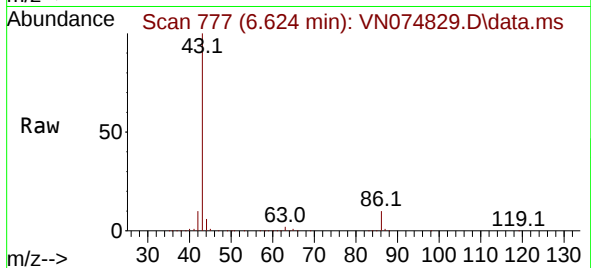
Tgt Ion: 45 Resp: 420312
Ion Ratio Lower Upper
45 100
43 55.6 42.7 64.1
87 21.3 19.6 29.4
59 10.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 96.124 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN074829.D
 Acq: 10 Oct 2022 13:59

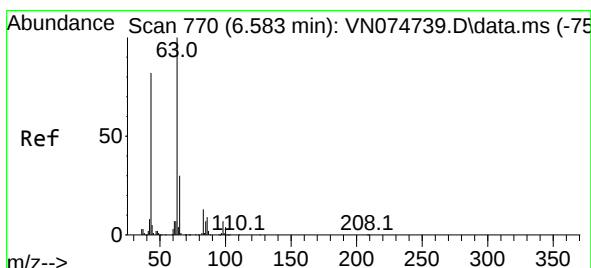
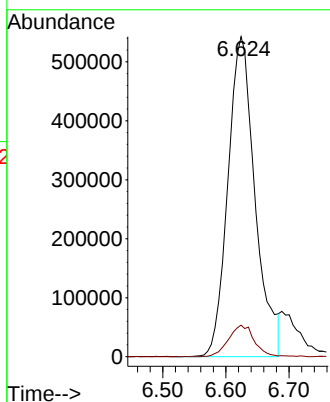
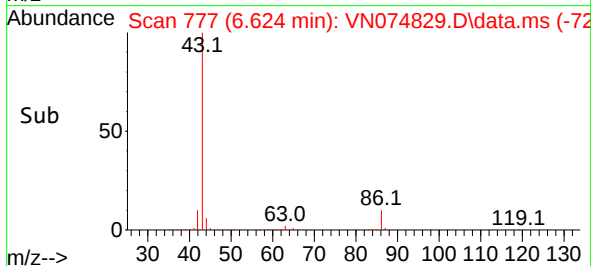
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01



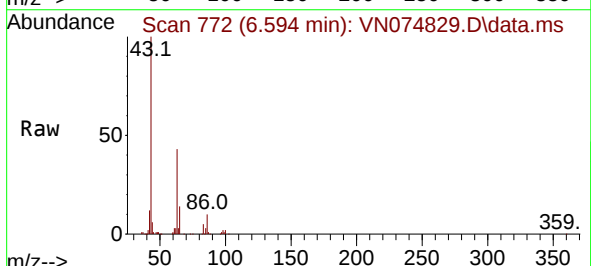
Tgt Ion: 43 Resp: 1623840
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.4 12.6

Manual Integrations
 APPROVED

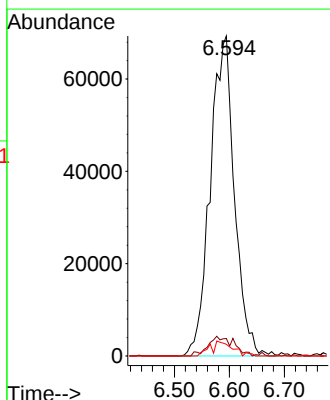
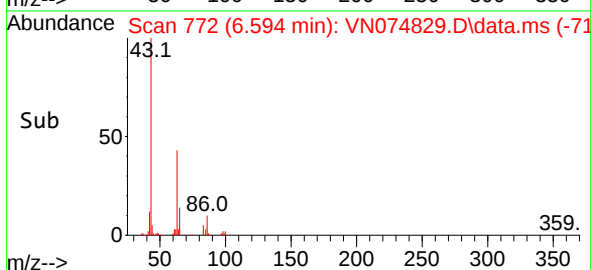
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

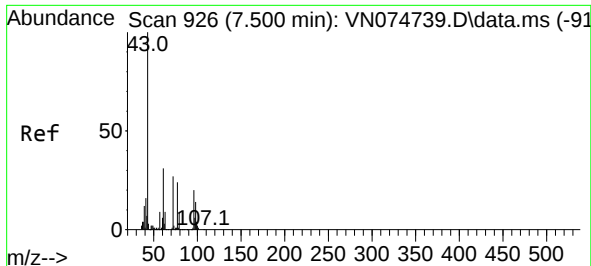


#24
 1,1-Dichloroethane
 Concen: 20.022 ug/l
 RT: 6.594 min Scan# 772
 Delta R.T. 0.012 min
 Lab File: VN074829.D
 Acq: 10 Oct 2022 13:59



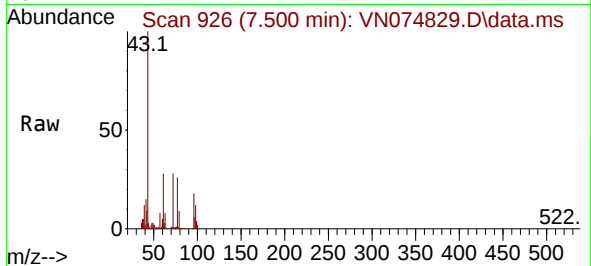
Tgt Ion: 63 Resp: 212292
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.4
 100 3.7 1.8 5.5





#25
2-Butanone
Concen: 101.456 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

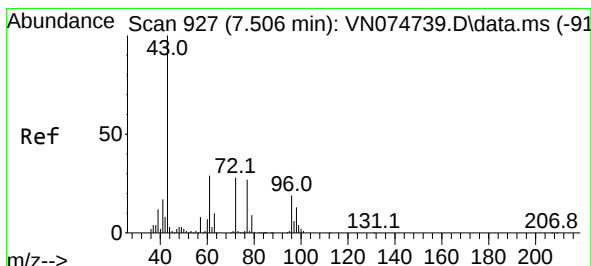
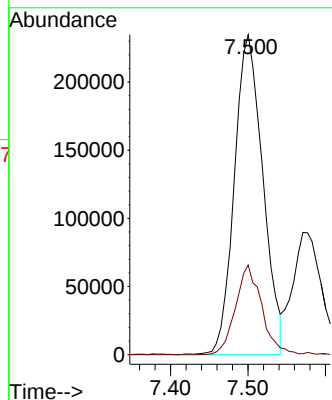
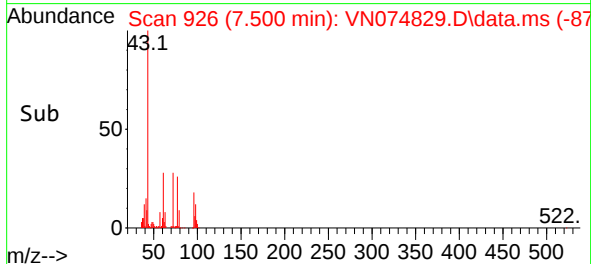
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 43 Resp: 60018
Ion Ratio Lower Upper
43 100
72 28.0 21.4 32.0

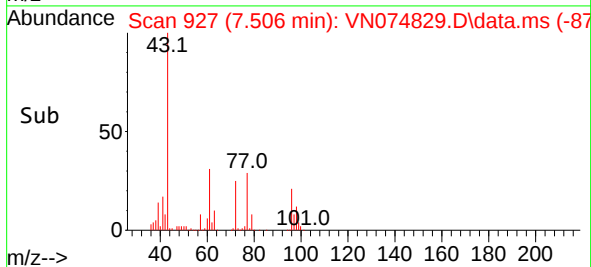
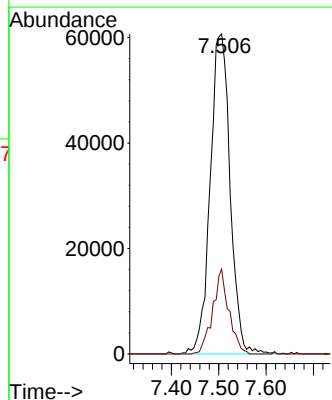
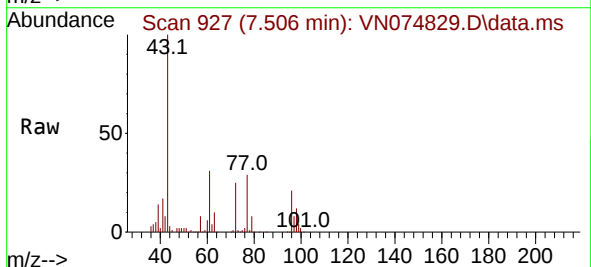
Manual Integrations
APPROVED

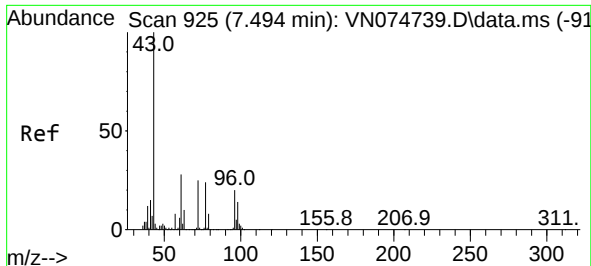
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#26
2,2-Dichloropropane
Concen: 20.288 ug/l
RT: 7.506 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

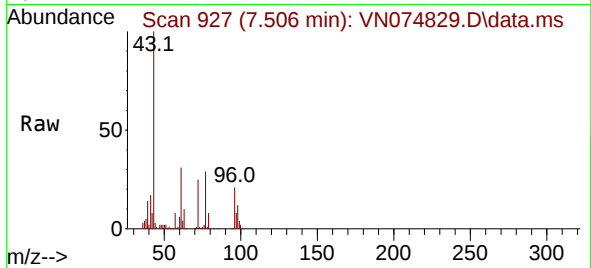
Tgt Ion: 77 Resp: 177423
Ion Ratio Lower Upper
77 100
97 21.5 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.501 ug/l
 RT: 7.506 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN074829.D
 Acq: 10 Oct 2022 13:59

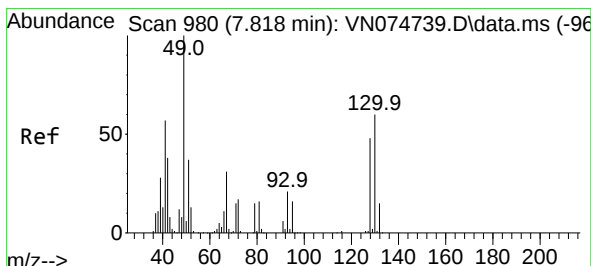
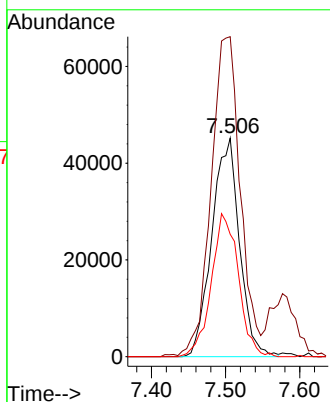
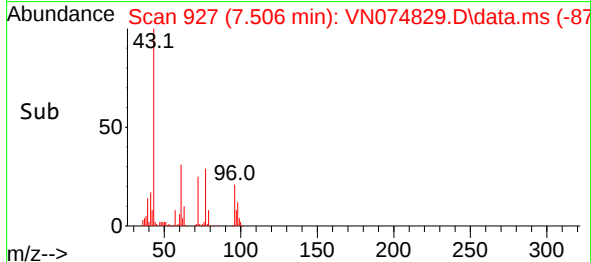
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01



Tgt Ion: 96 Resp: 11699
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 303.2
 98 64.3 0.0 131.0

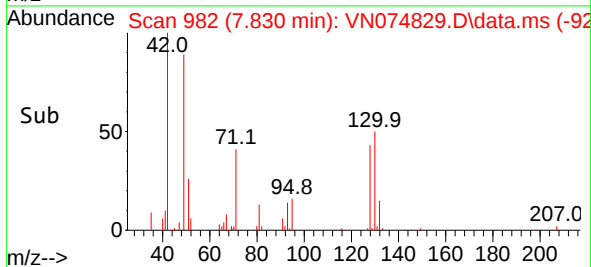
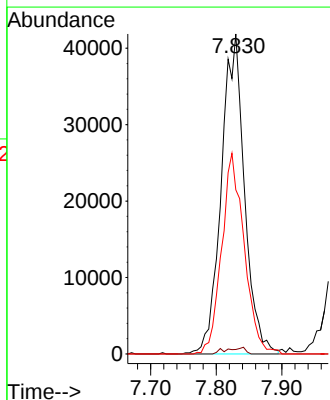
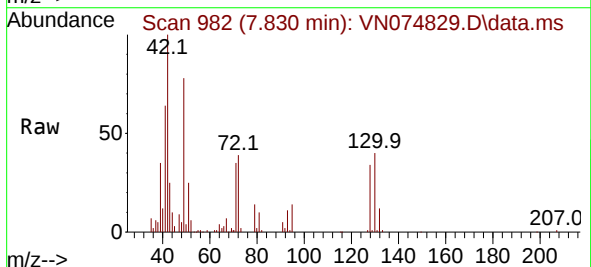
Manual Integrations
 APPROVED

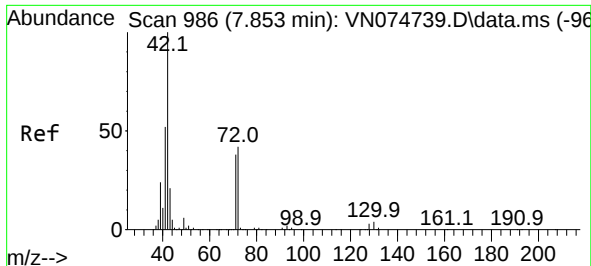
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#28
 Bromochloromethane
 Concen: 21.474 ug/l
 RT: 7.830 min Scan# 982
 Delta R.T. 0.012 min
 Lab File: VN074829.D
 Acq: 10 Oct 2022 13:59

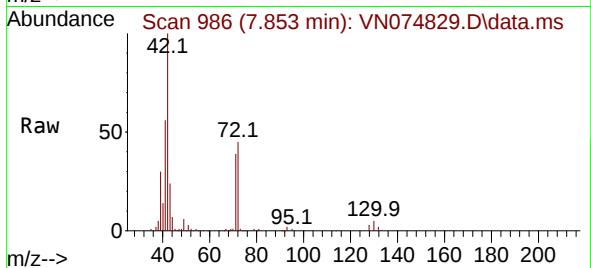
Tgt Ion: 49 Resp: 102732
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.4
 130 61.0 49.0 73.4





#29
Tetrahydrofuran
Concen: 97.886 ug/l
RT: 7.853 min Scan# 986
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

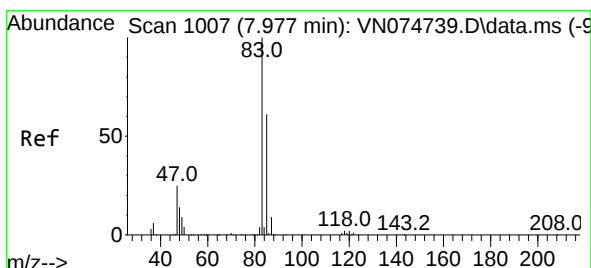
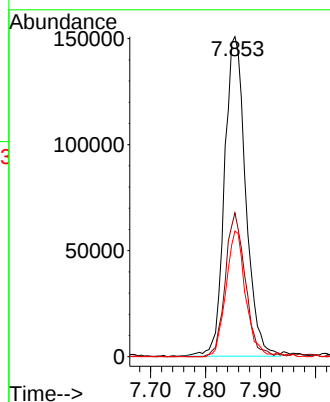
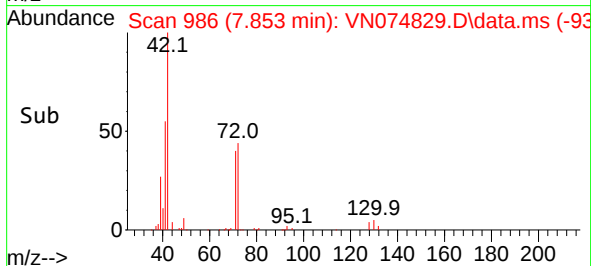
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



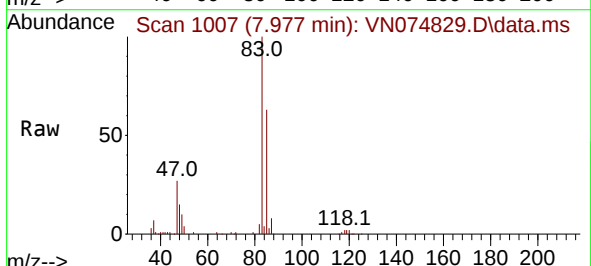
Tgt Ion: 42 Resp: 403579
Ion Ratio Lower Upper
42 100
72 42.2 33.0 49.6
71 36.4 30.4 45.6

Manual Integrations
APPROVED

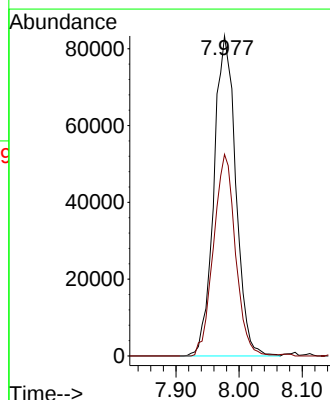
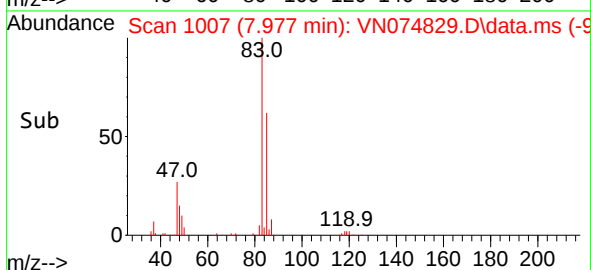
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

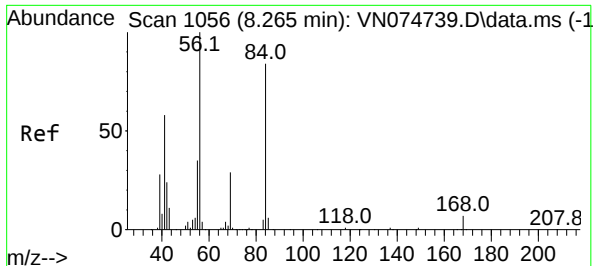


#30
Chloroform
Concen: 20.703 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



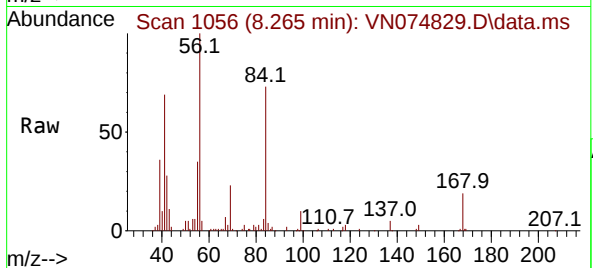
Tgt Ion: 83 Resp: 201065
Ion Ratio Lower Upper
83 100
85 63.0 49.0 73.4





#31
Cyclohexane
Concen: 18.773 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

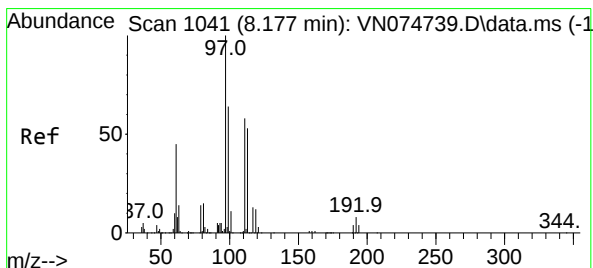
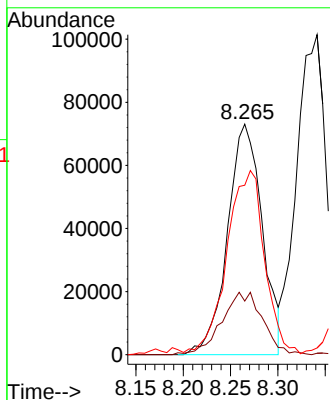
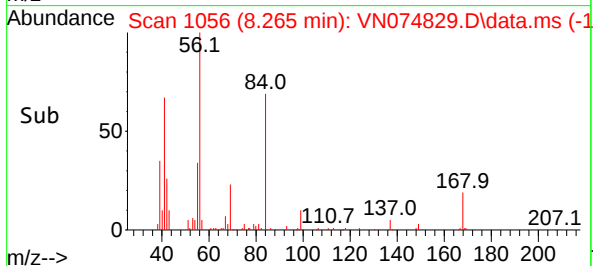
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



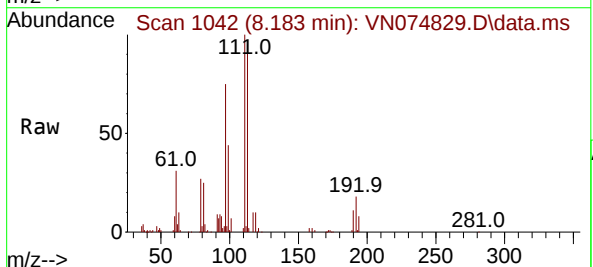
Tgt Ion: 56 Resp: 18663
Ion Ratio Lower Upper
56 100
69 22.4 23.1 34.7
84 71.3 67.1 100.7

Manual Integrations
APPROVED

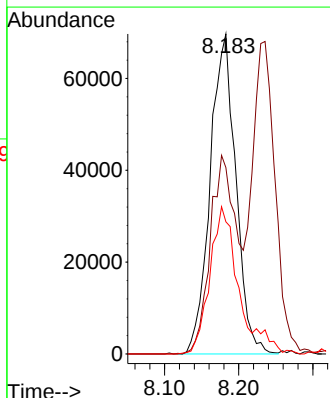
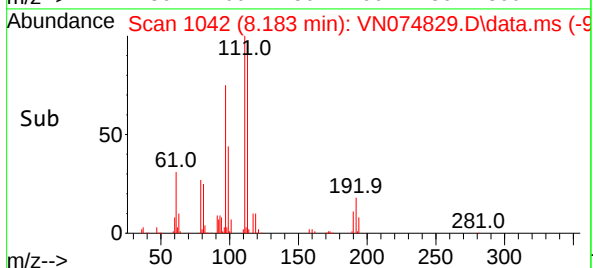
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

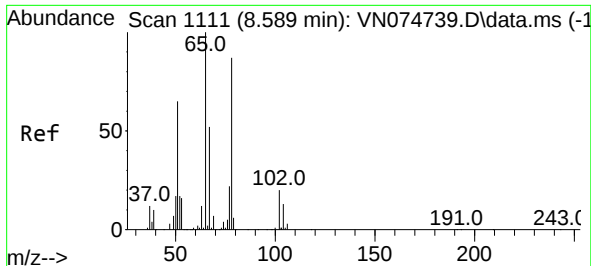


#32
1,1,1-Trichloroethane
Concen: 20.305 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



Tgt Ion: 97 Resp: 168088
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 51.9 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 53.509 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 65 Resp: 307770

Ion Ratio Lower Upper

65 100

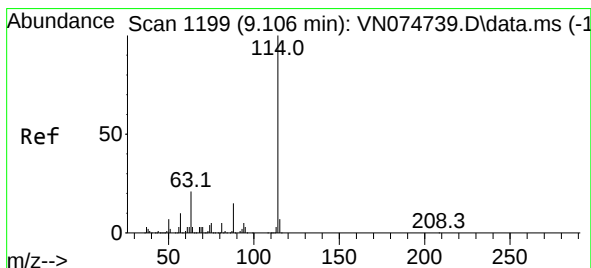
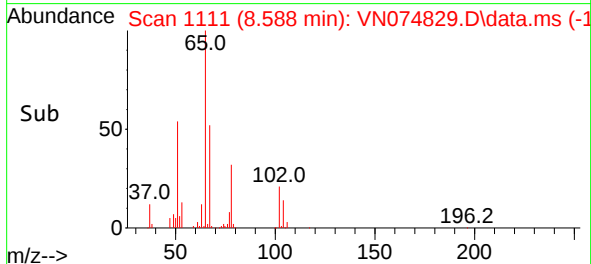
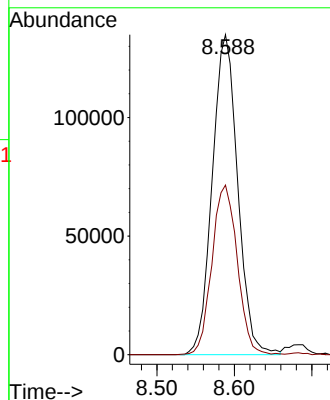
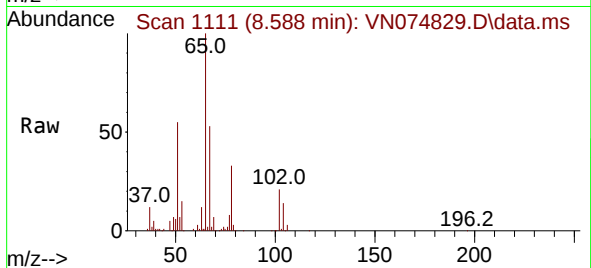
67 52.8 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

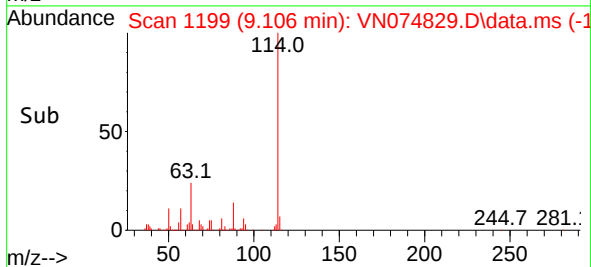
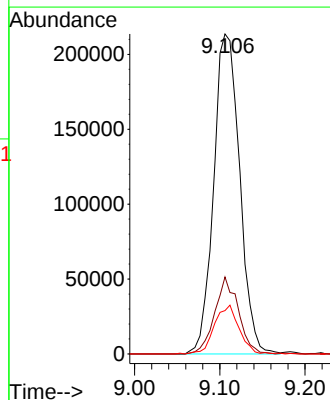
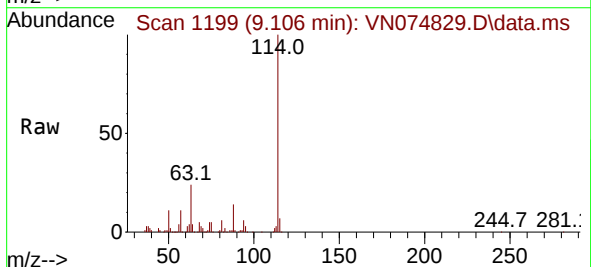
Tgt Ion:114 Resp: 454033

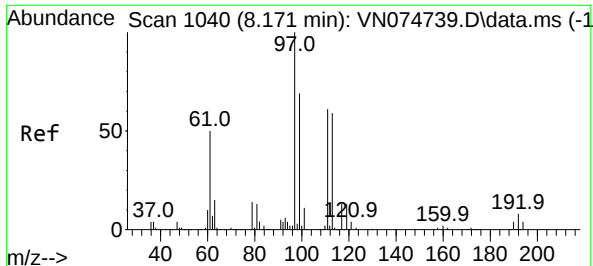
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.2

88 13.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.343 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 113 Resp: 240114

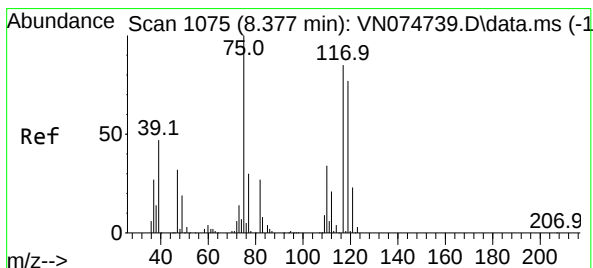
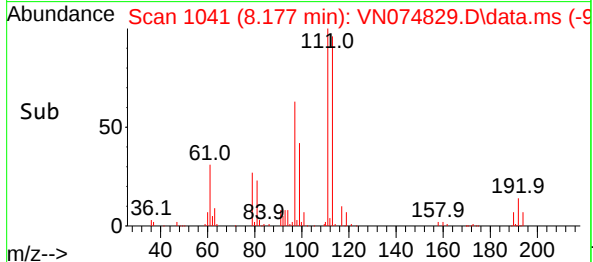
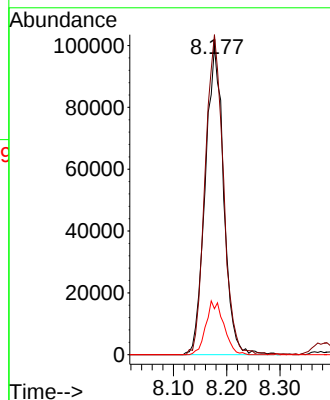
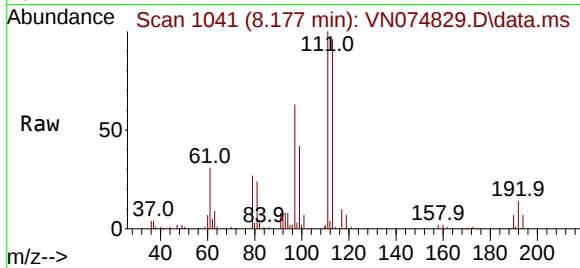
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	16.9	12.6	18.8

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/11/2022

Supervised By : Mahesh Dadoda 10/11/2022



#36

1,1-Dichloropropene

Concen: 18.629 ug/l

RT: 8.377 min Scan# 1075

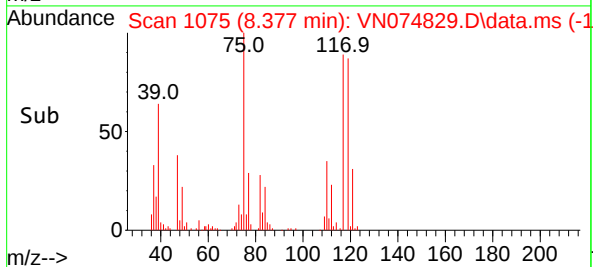
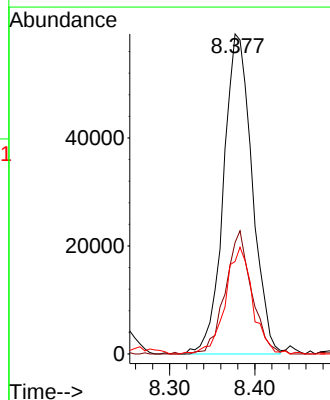
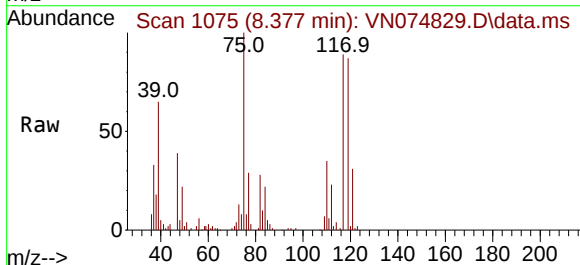
Delta R.T. -0.000 min

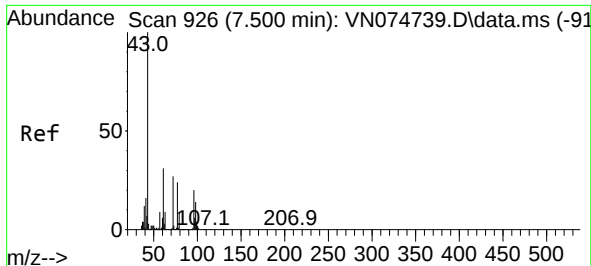
Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Tgt Ion: 75 Resp: 138324

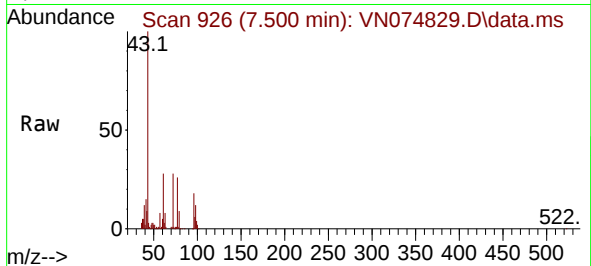
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.2	51.5
77	31.9	24.3	36.5





#37
Ethyl Acetate
Concen: 20.152 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

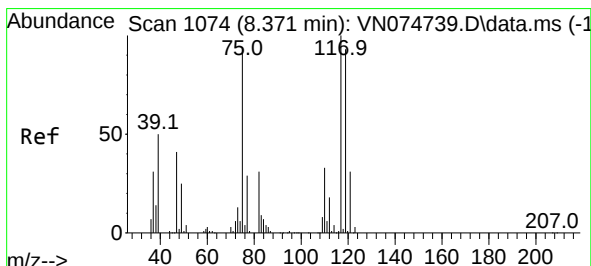
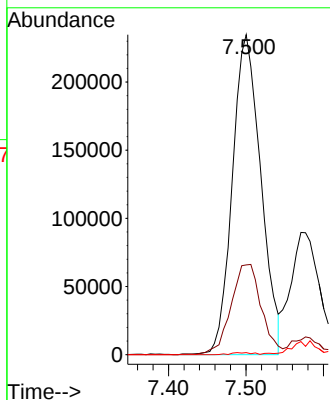
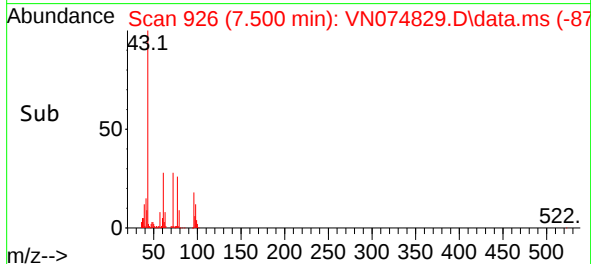
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 43 Resp: 60018
Ion Ratio Lower Upper
43 100
61 30.2 4.3 6.5
70 0.5 3.0 4.4

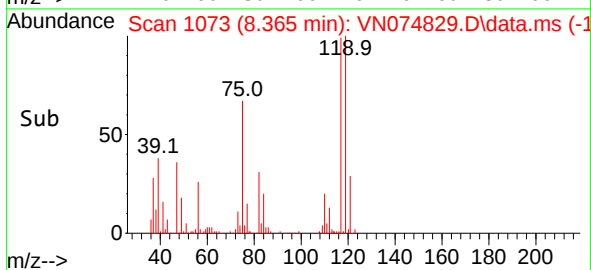
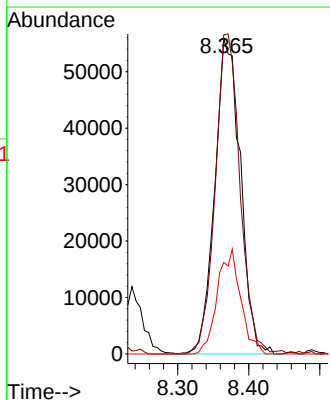
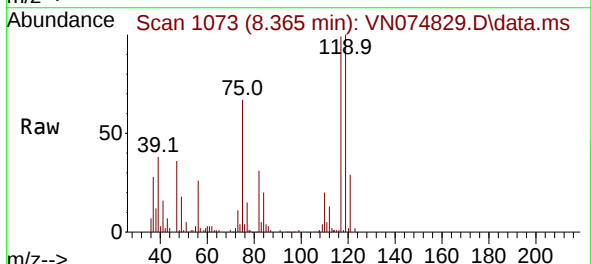
Manual Integrations
APPROVED

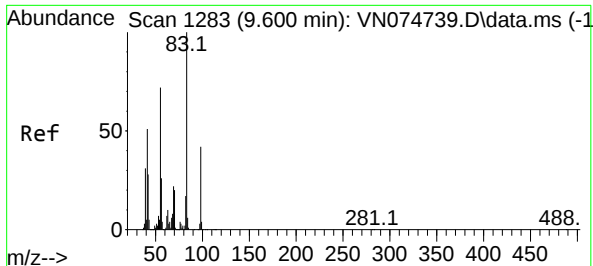
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#38
Carbon Tetrachloride
Concen: 19.902 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Tgt Ion:117 Resp: 139355
Ion Ratio Lower Upper
117 100
119 101.4 74.3 111.5
121 29.1 25.0 37.4





#39

Methylcyclohexane

Concen: 19.309 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 83 Resp: 185728

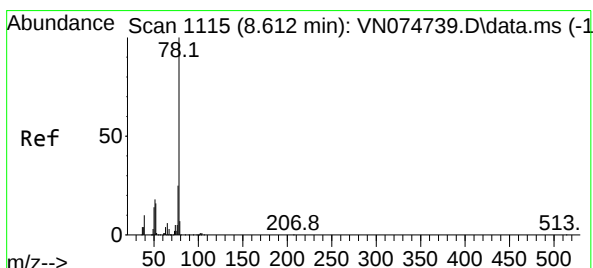
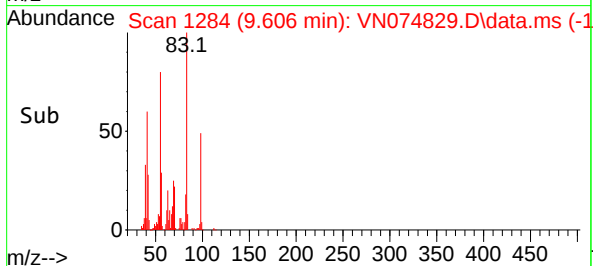
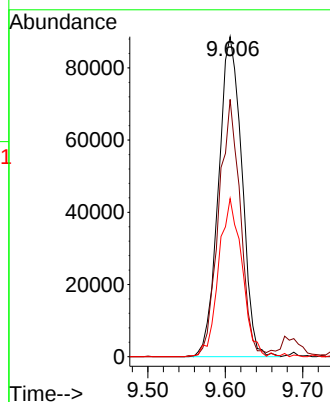
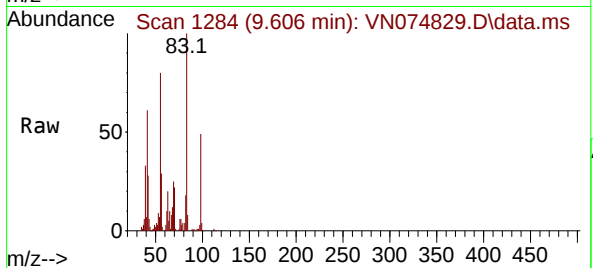
Ion	Ratio	Lower	Upper
83	100		
55	80.4	57.3	85.9
98	49.4	33.4	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#40

Benzene

Concen: 20.041 ug/l

RT: 8.618 min Scan# 1116

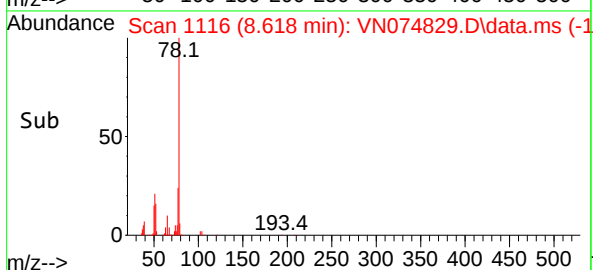
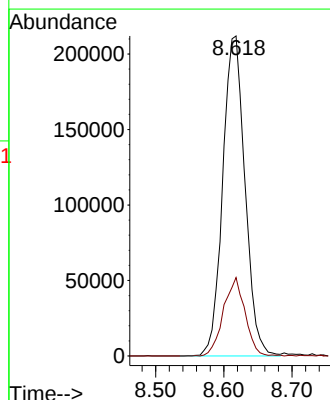
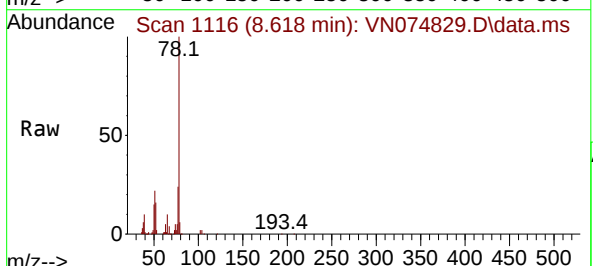
Delta R.T. 0.006 min

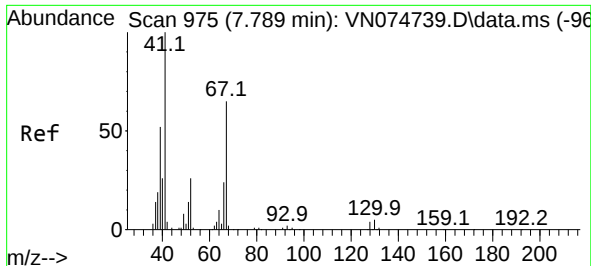
Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Tgt Ion: 78 Resp: 481725

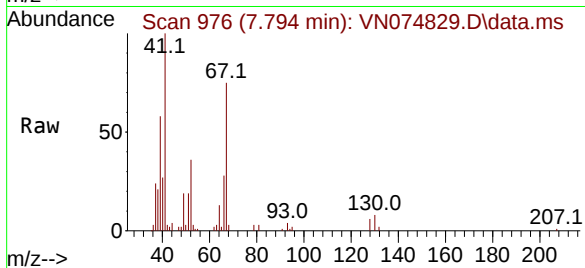
Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.1	30.1





#41
Methacrylonitrile
Concen: 19.234 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

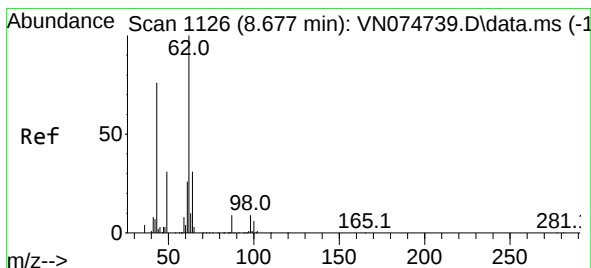
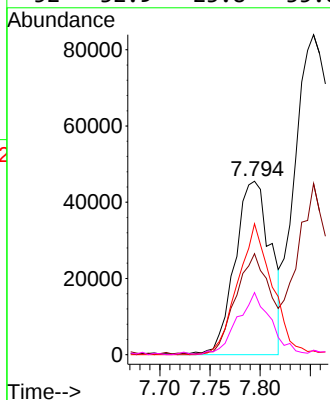
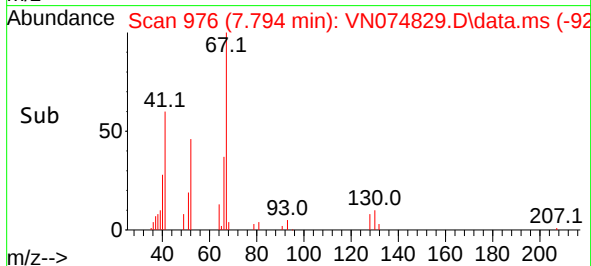
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



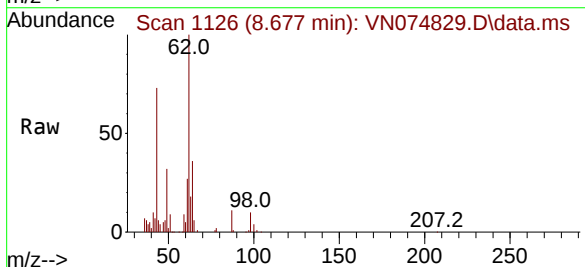
Tgt Ion: 41 Resp: 11284
Ion Ratio Lower Upper
41 100
39 56.3 43.3 64.9
67 74.0 60.2 90.2
52 32.9 23.8 35.8

Manual Integrations
APPROVED

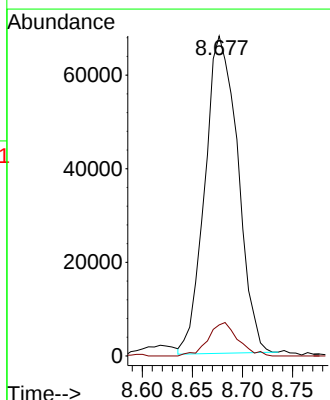
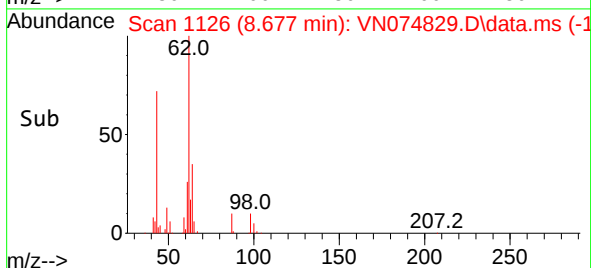
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

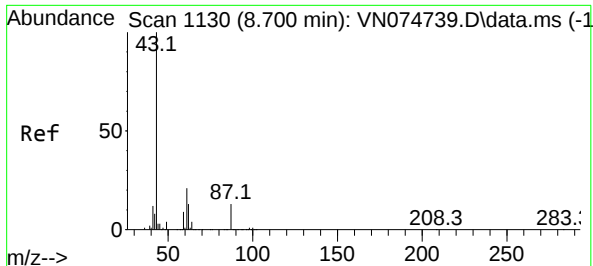


#42
1,2-Dichloroethane
Concen: 20.554 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



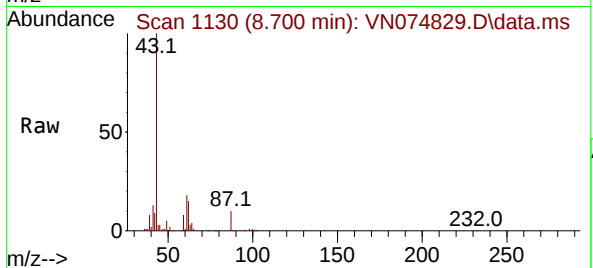
Tgt Ion: 62 Resp: 155084
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.320 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

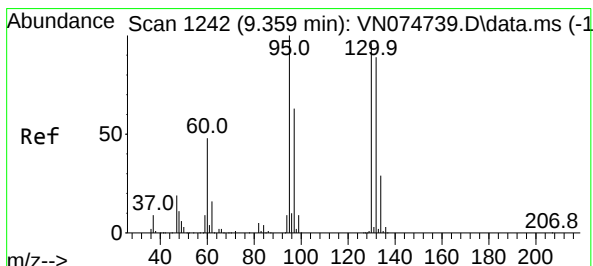
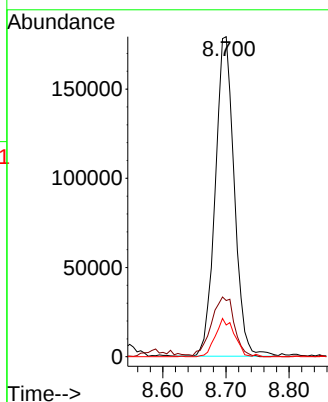
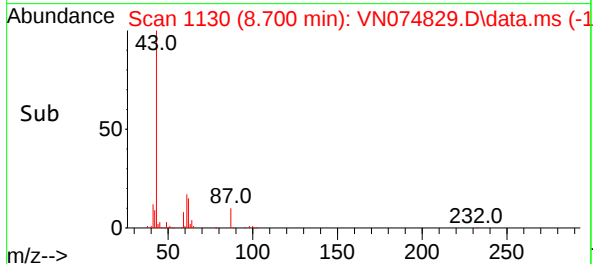
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 43 Resp: 373992
Ion Ratio Lower Upper
43 100
61 22.7 19.4 29.0
87 11.9 10.1 15.1

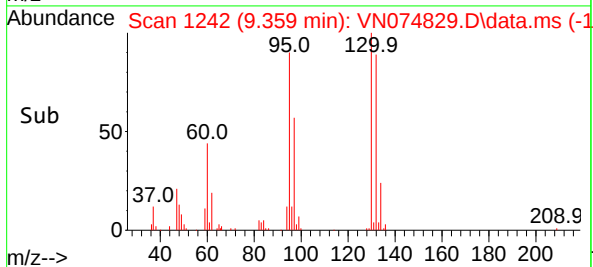
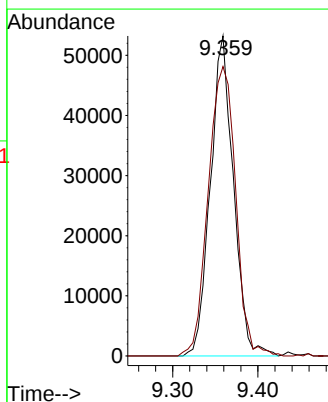
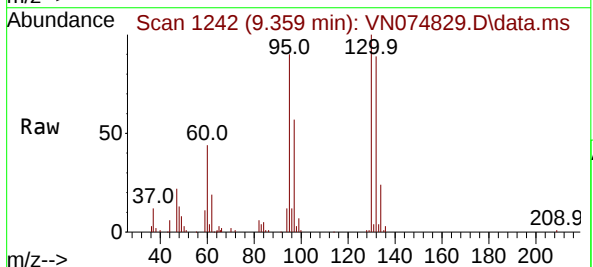
Manual Integrations
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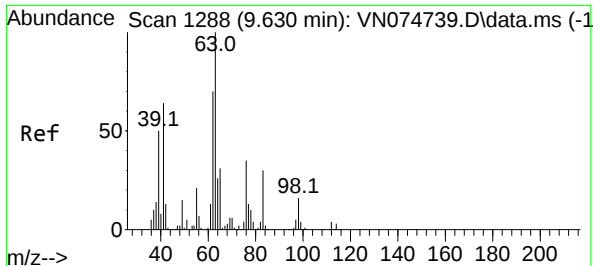
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#44
Trichloroethene
Concen: 20.039 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Tgt Ion:130 Resp: 100322
Ion Ratio Lower Upper
130 100
95 90.4 0.0 207.6





#45

1,2-Dichloropropane

Concen: 20.535 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 63 Resp: 13365

Ion Ratio Lower Upper

63 100

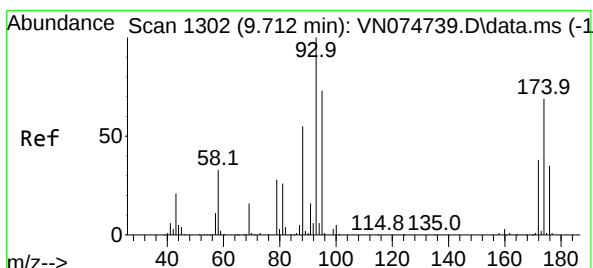
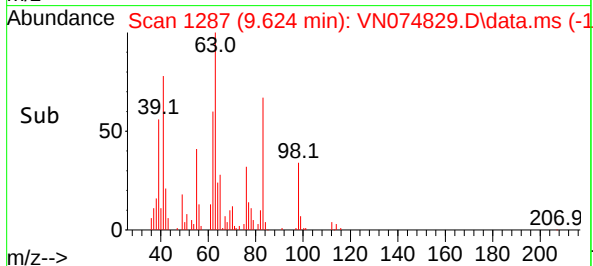
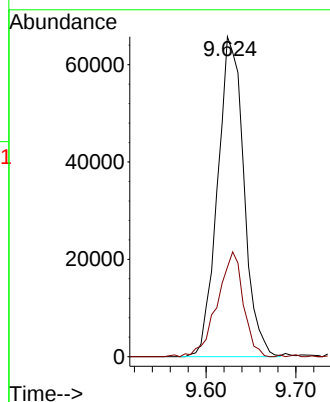
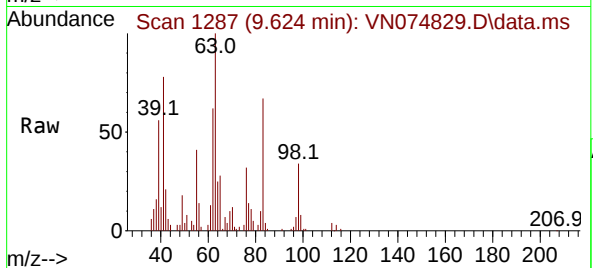
65 28.0 24.5 36.7

Manual Integrations

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Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#46

Dibromomethane

Concen: 21.421 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

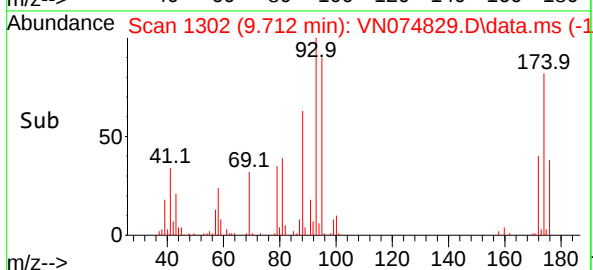
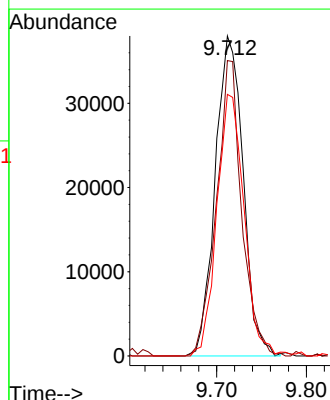
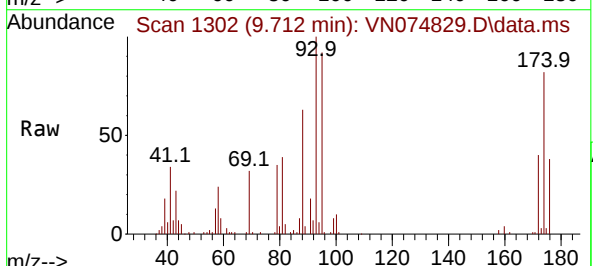
Tgt Ion: 93 Resp: 81809

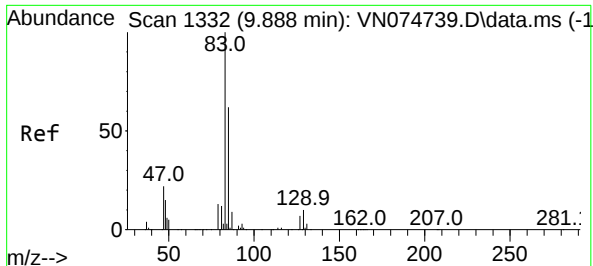
Ion Ratio Lower Upper

93 100

95 84.4 63.4 95.2

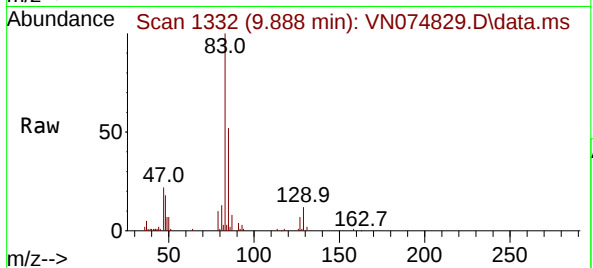
174 80.5 60.5 90.7





#47
Bromodichloromethane
Concen: 20.990 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

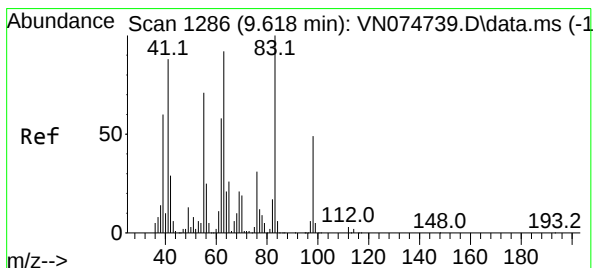
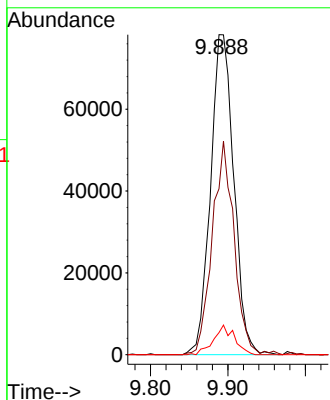
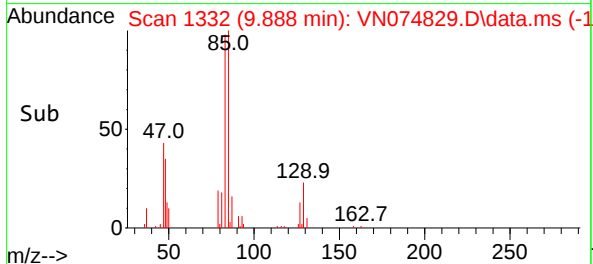
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



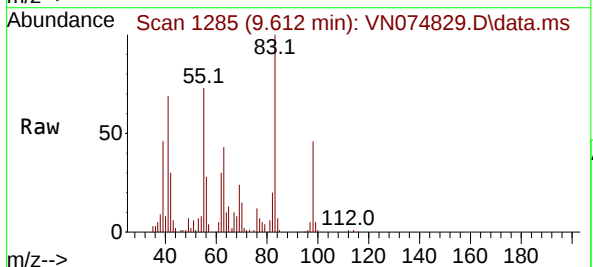
Tgt Ion: 83 Resp: 16378
Ion Ratio Lower Upper
83 100
85 51.8 49.7 74.5
127 6.9 5.8 8.8

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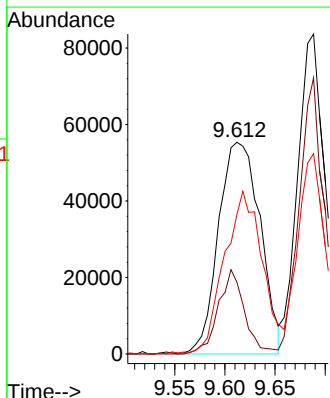
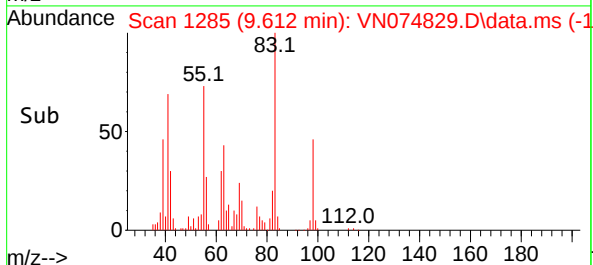
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

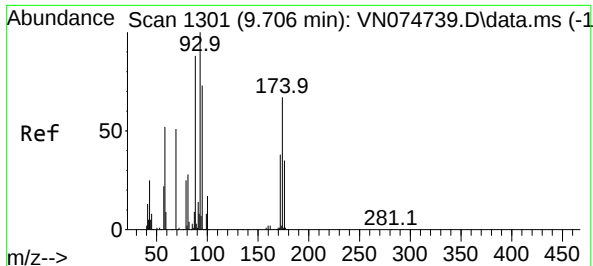


#48
Methyl methacrylate
Concen: 21.170 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. -0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



Tgt Ion: 41 Resp: 159961
Ion Ratio Lower Upper
41 100
69 24.9 0.0 0.0#
39 71.0 54.4 81.6





#49

1,4-Dioxane

Concen: 406.467 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 88 Resp: 6656

Ion Ratio Lower Upper

88 100

43 29.2 23.4 35.2

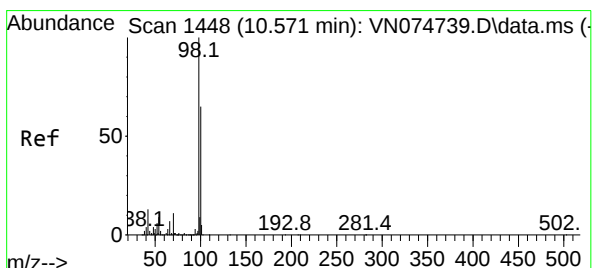
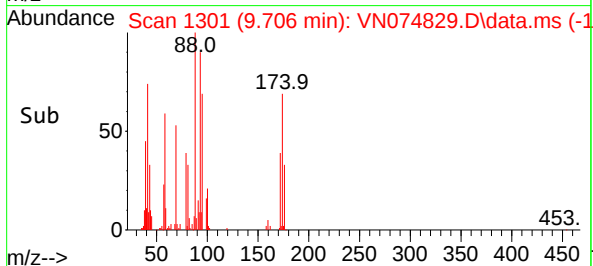
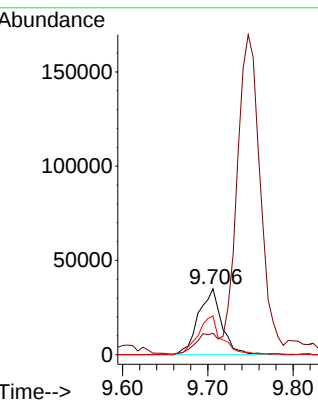
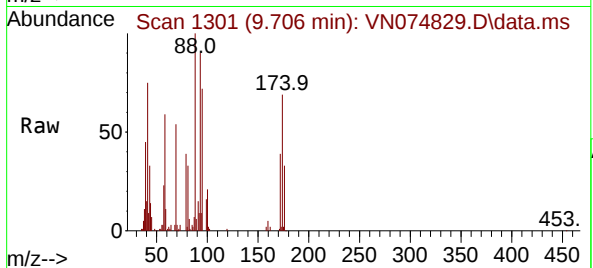
58 59.6 54.9 82.3

Manual Integrations

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Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#50

Toluene-d8

Concen: 49.326 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074829.D

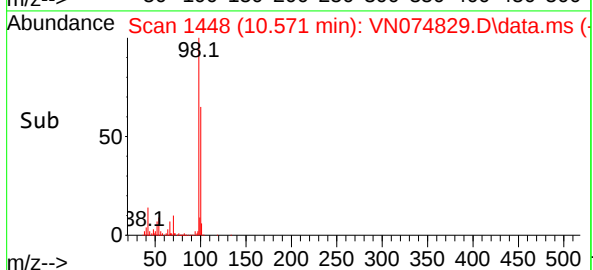
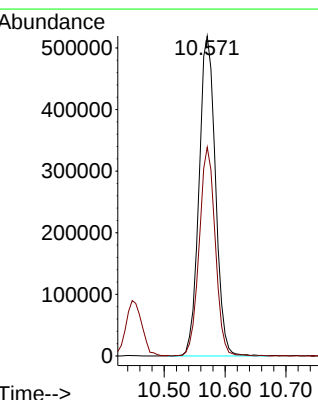
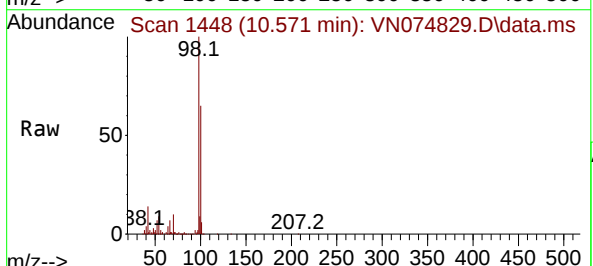
Acq: 10 Oct 2022 13:59

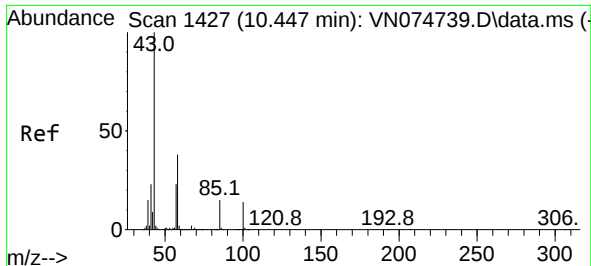
Tgt Ion: 98 Resp: 970923

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1





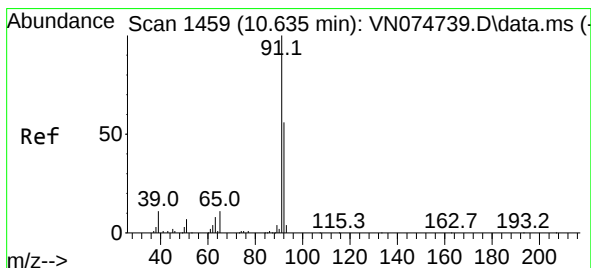
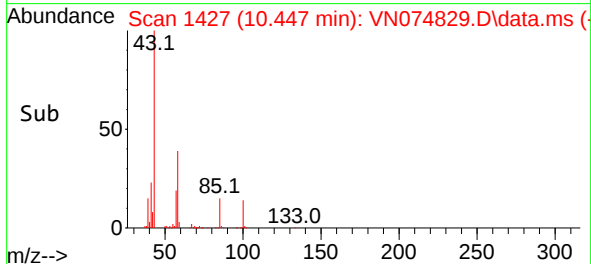
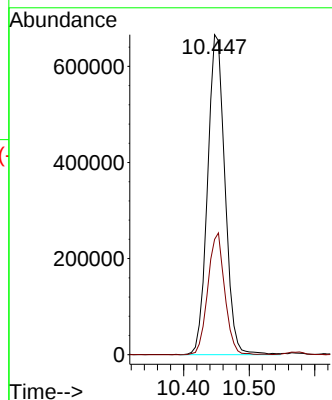
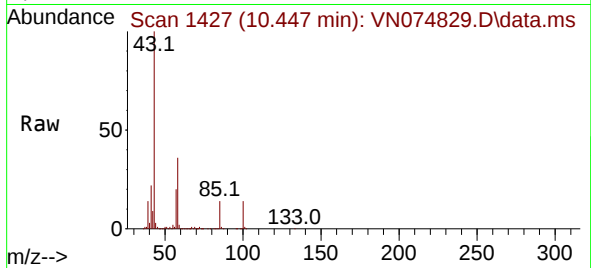
#51
4-Methyl-2-Pentanone
Concen: 103.735 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 43 Resp: 122946
Ion Ratio Lower Upper
43 100
58 36.8 30.6 45.8

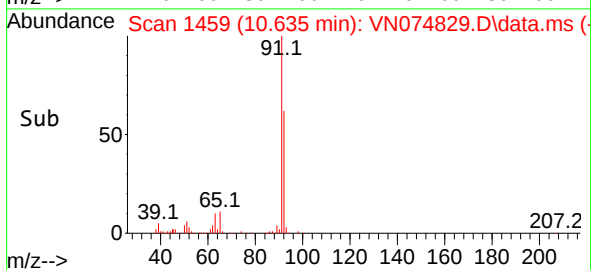
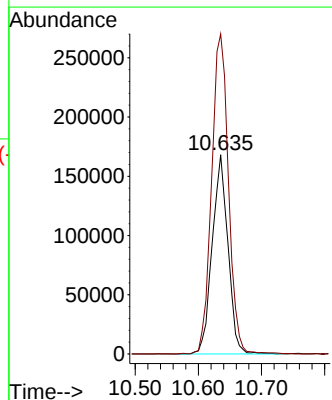
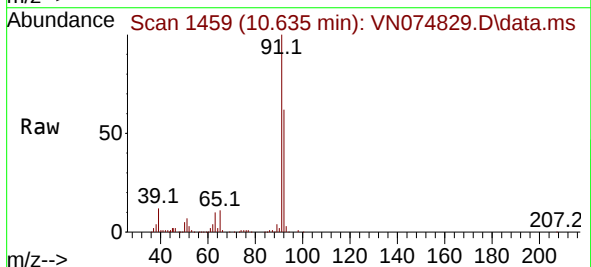
Manual Integrations
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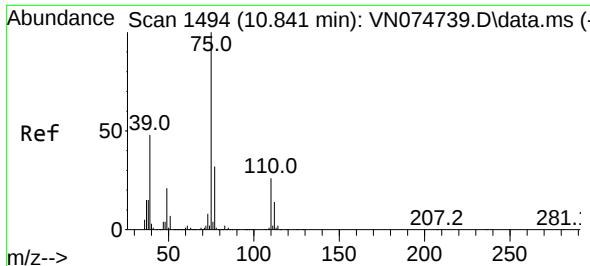
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#52
Toluene
Concen: 20.172 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

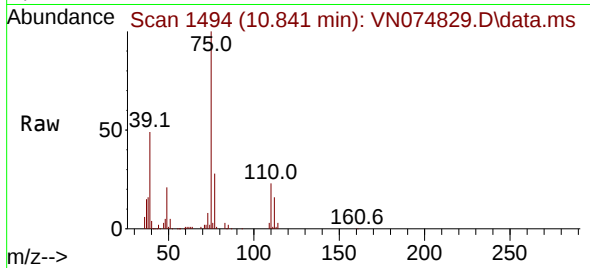
Tgt Ion: 92 Resp: 291287
Ion Ratio Lower Upper
92 100
91 172.2 140.2 210.4





#53
t-1,3-Dichloropropene
Concen: 19.450 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

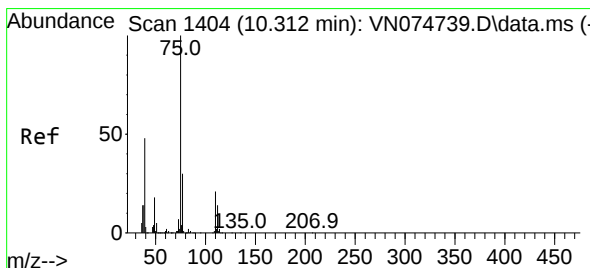
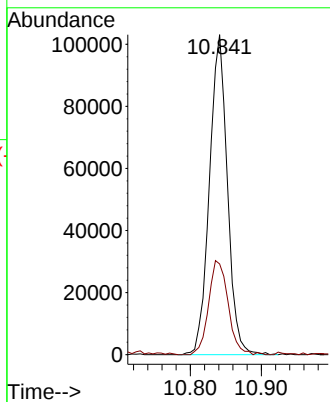
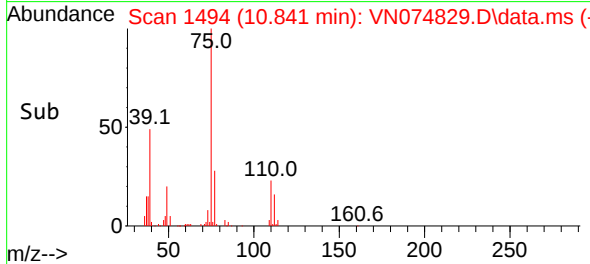
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 75 Resp: 180833
Ion Ratio Lower Upper
75 100
77 28.3 26.0 39.0

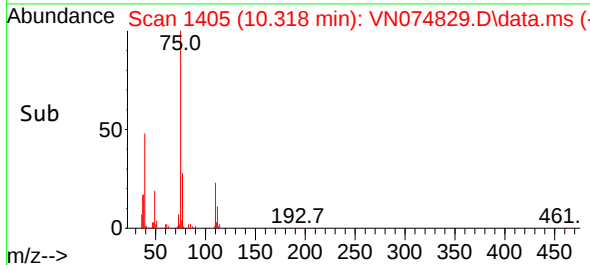
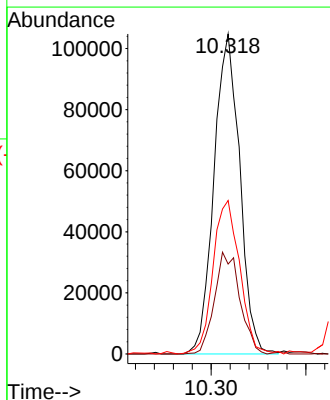
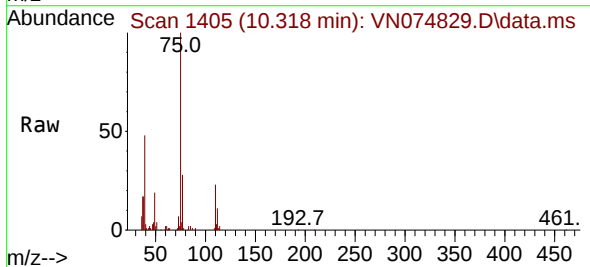
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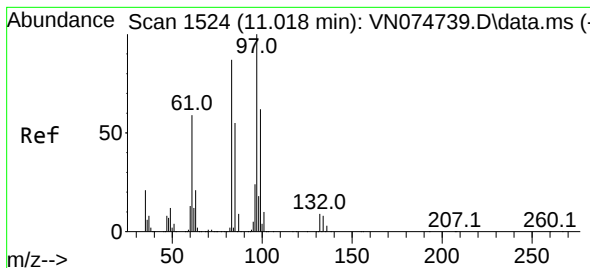
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#54
cis-1,3-Dichloropropene
Concen: 19.716 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

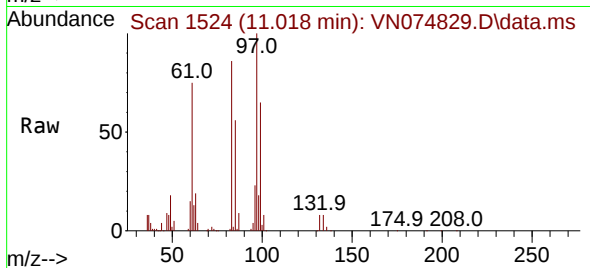
Tgt Ion: 75 Resp: 197897
Ion Ratio Lower Upper
75 100
77 28.1 24.4 36.6
39 48.0 38.6 57.8





#55
1,1,2-Trichloroethane
Concen: 20.687 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

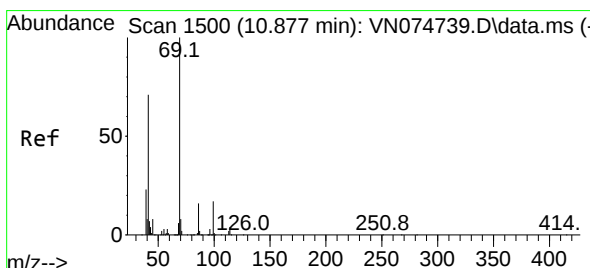
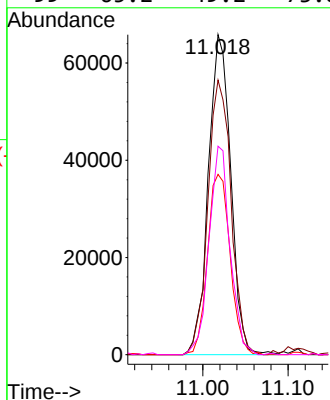
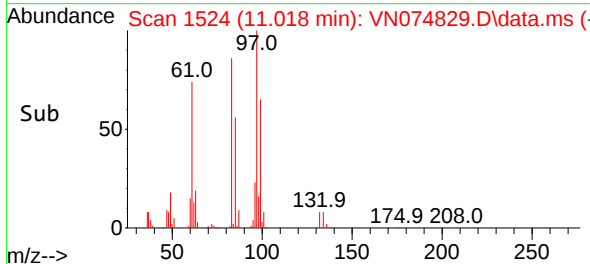


Tgt Ion: 97 Resp: 12011

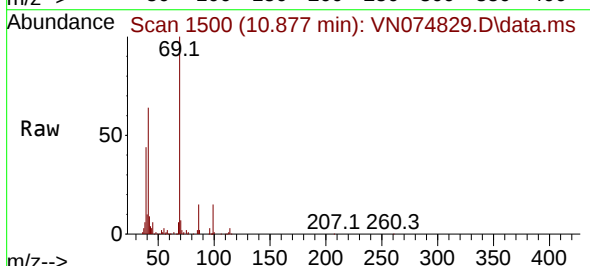
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.7	104.5
85	56.4	43.8	65.6
99	65.2	49.2	73.8

Manual Integrations
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Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

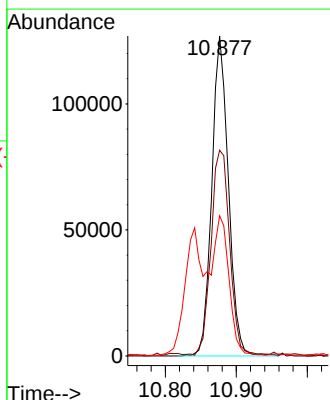
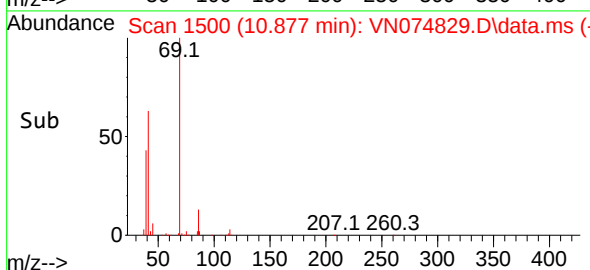


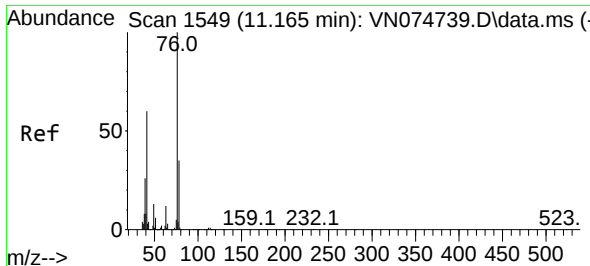
#56
Ethyl methacrylate
Concen: 19.484 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



Tgt Ion: 69 Resp: 206037

Ion	Ratio	Lower	Upper
69	100		
41	70.5	54.9	82.3
39	36.9	31.5	47.3





#57

1,3-Dichloropropane

Concen: 20.529 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. 0.006 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion: 76 Resp: 214829

Ion Ratio Lower Upper

76 100

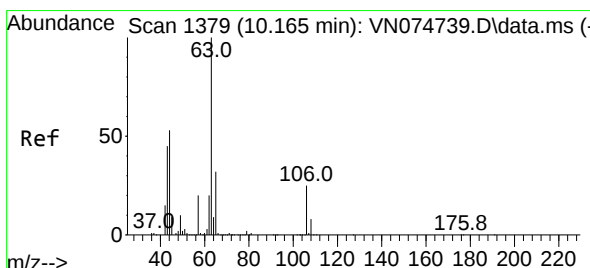
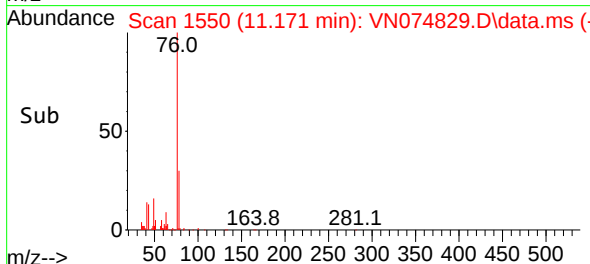
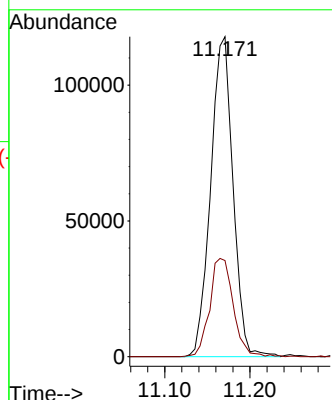
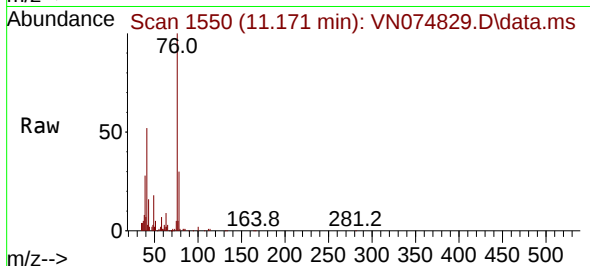
78 32.4 26.2 39.2

Manual Integrations

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Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 101.338 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074829.D

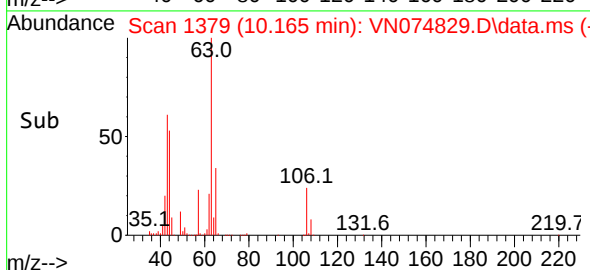
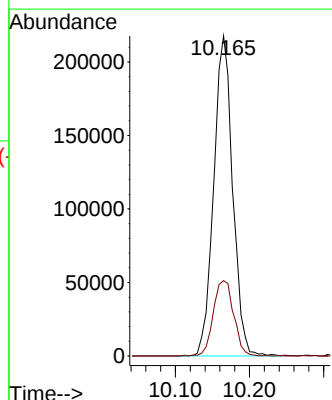
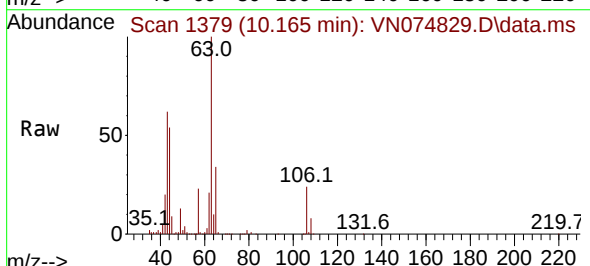
Acq: 10 Oct 2022 13:59

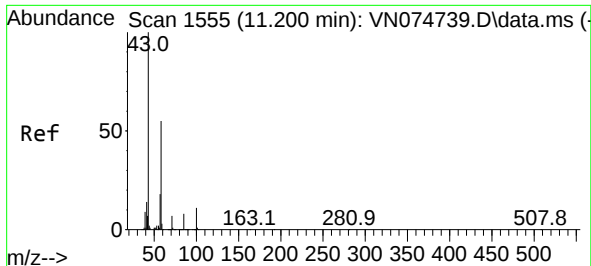
Tgt Ion: 63 Resp: 386519

Ion Ratio Lower Upper

63 100

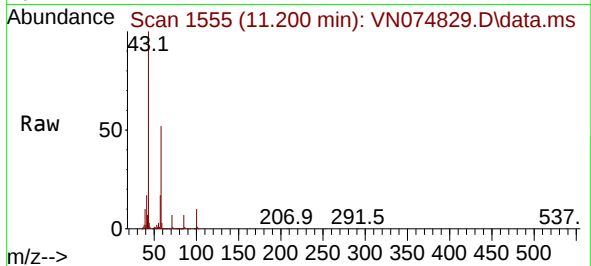
106 25.3 20.0 30.0





#59
2-Hexanone
Concen: 102.402 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

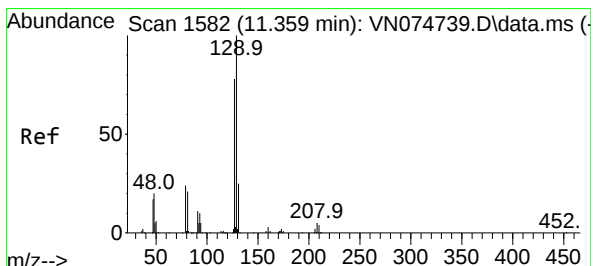
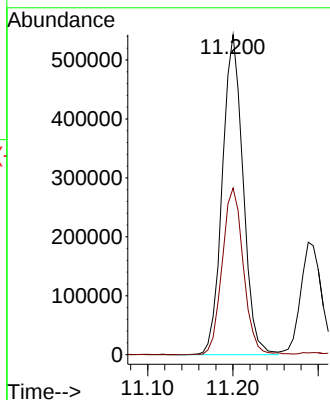
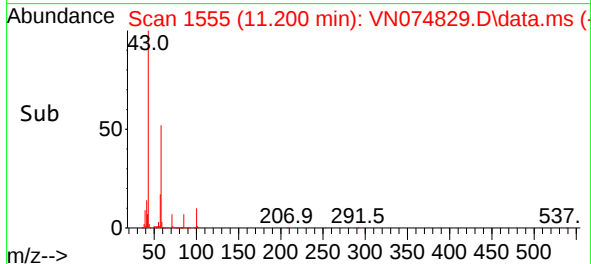
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 43 Resp: 91800
Ion Ratio Lower Upper
43 100
58 53.2 27.3 81.9

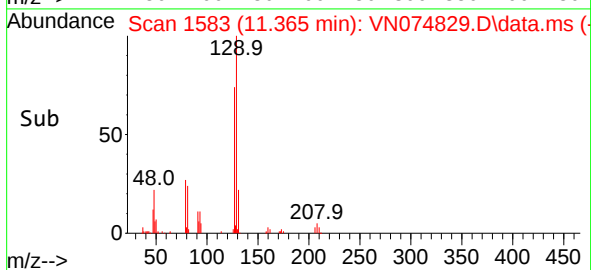
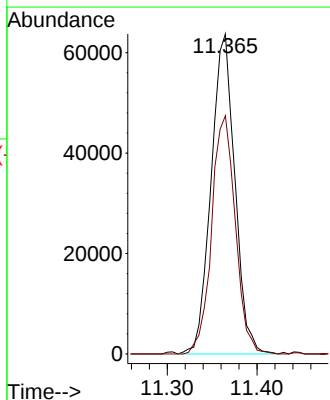
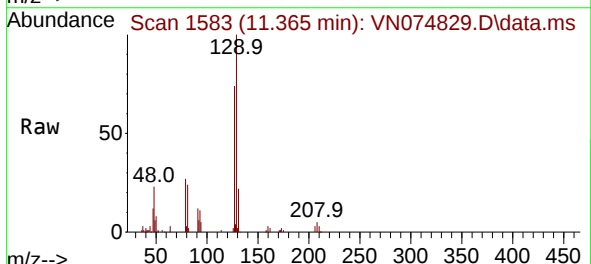
Manual Integrations
APPROVED

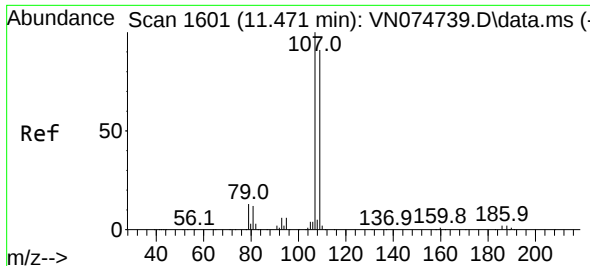
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#60
Dibromochloromethane
Concen: 20.485 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Tgt Ion:129 Resp: 117166
Ion Ratio Lower Upper
129 100
127 74.1 39.5 118.3





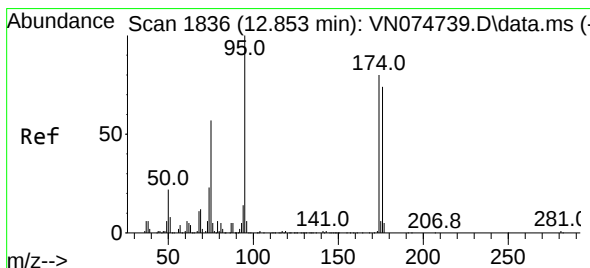
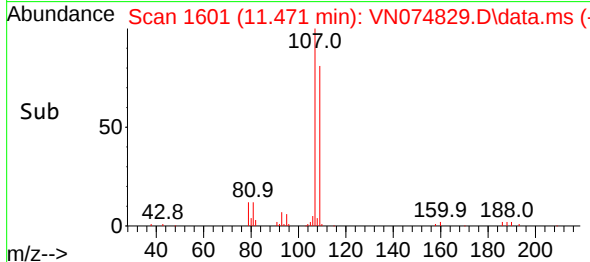
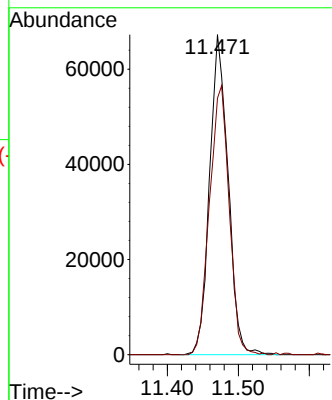
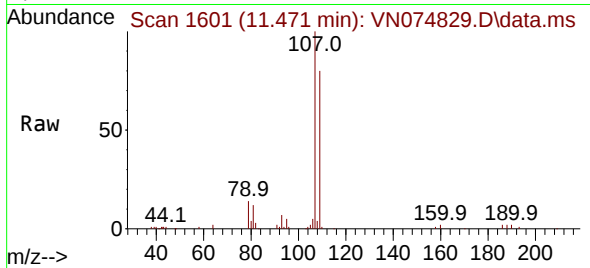
#61
1,2-Dibromoethane
Concen: 20.562 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:107 Resp: 121395
Ion Ratio Lower Upper
107 100
109 89.6 74.2 111.2

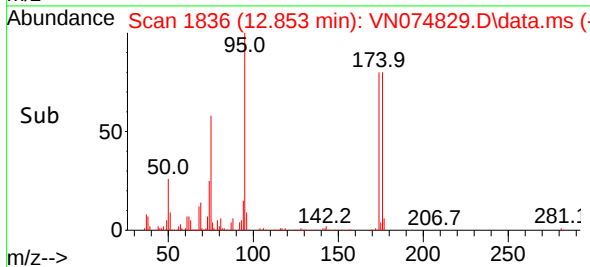
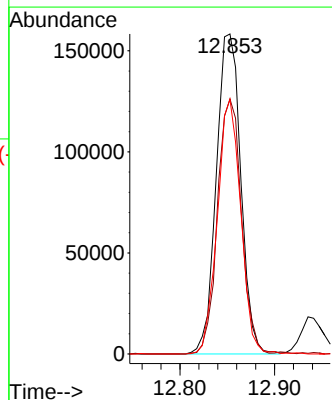
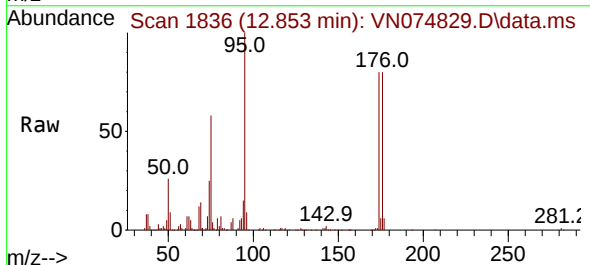
Manual Integrations
APPROVED

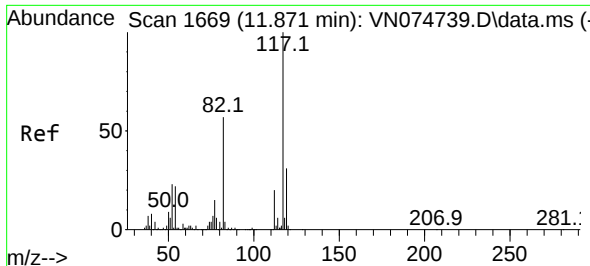
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#62
4-Bromofluorobenzene
Concen: 47.639 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

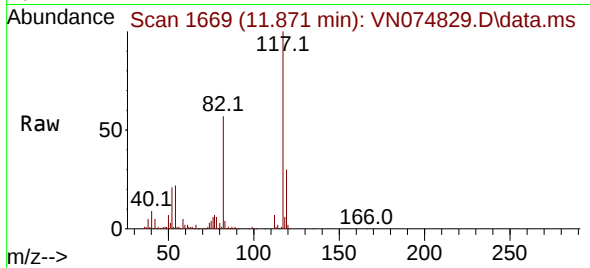
Tgt Ion: 95 Resp: 285053
Ion Ratio Lower Upper
95 100
174 77.9 0.0 149.4
176 75.7 0.0 142.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

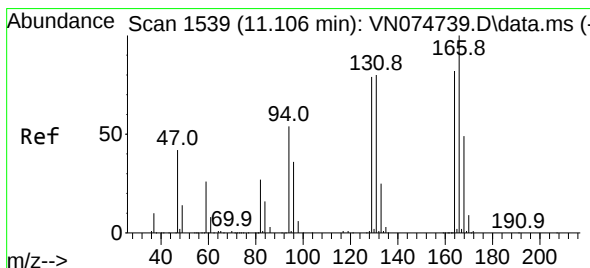
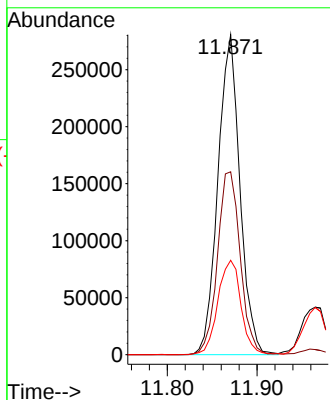
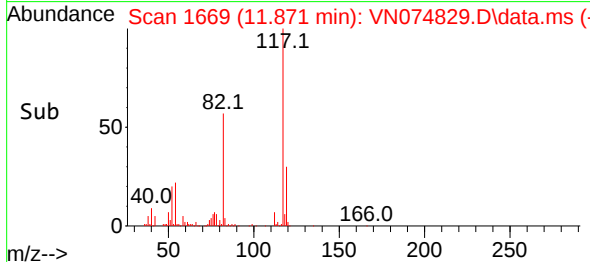
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion:117 Resp: 478099
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 29.5 25.1 37.7

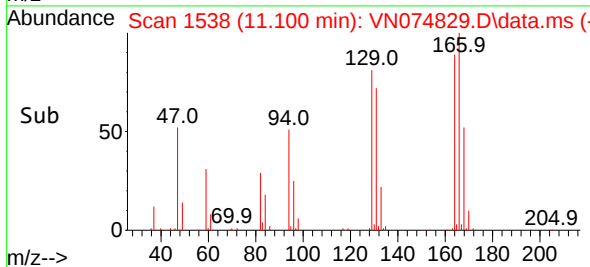
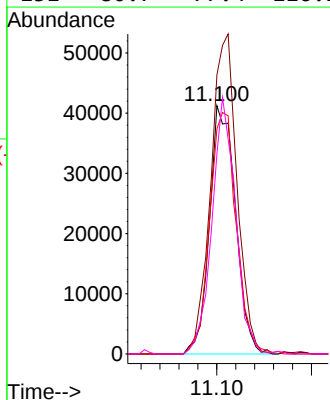
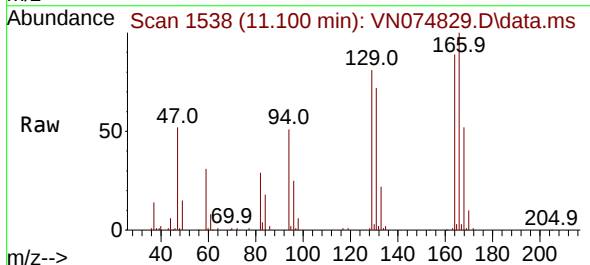
Manual Integrations
APPROVED

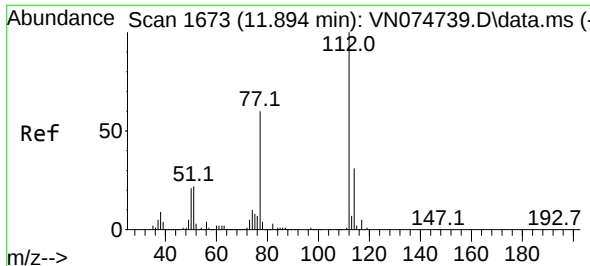
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#64
Tetrachloroethene
Concen: 20.232 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Tgt Ion:164 Resp: 78523
Ion Ratio Lower Upper
164 100
166 112.5 97.0 145.6
129 90.6 77.0 115.6
131 80.7 77.4 116.2





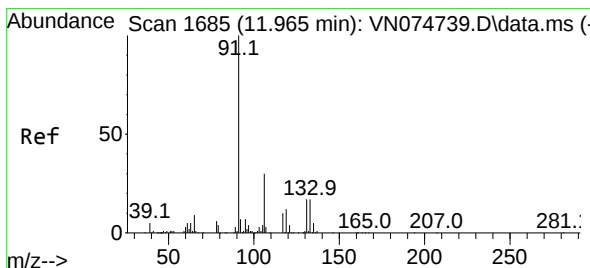
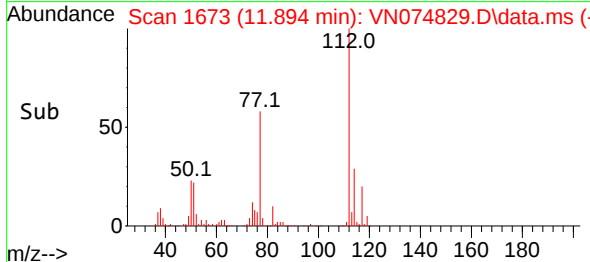
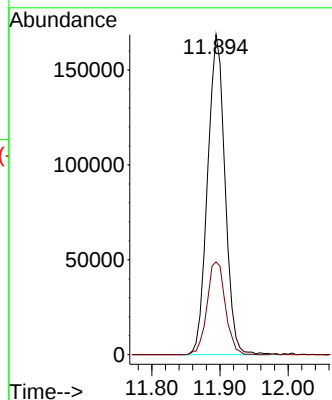
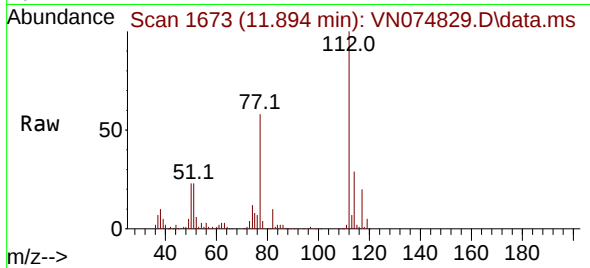
#65
Chlorobenzene
Concen: 20.469 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:112 Resp: 299808
Ion Ratio Lower Upper
112 100
114 29.0 25.0 37.4

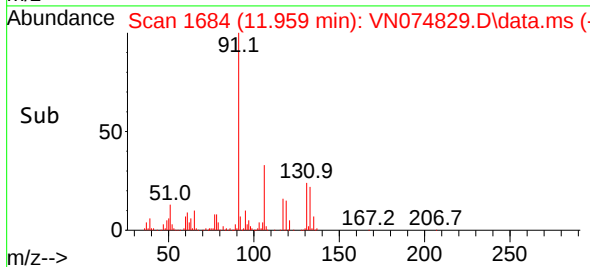
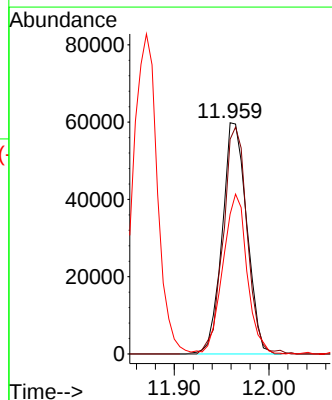
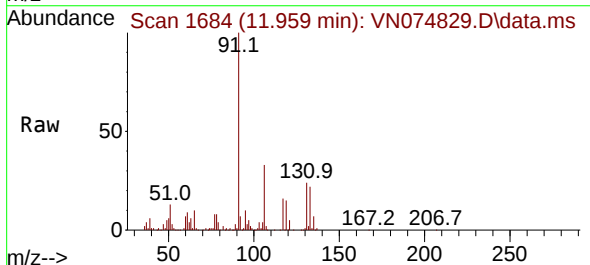
Manual Integrations
APPROVED

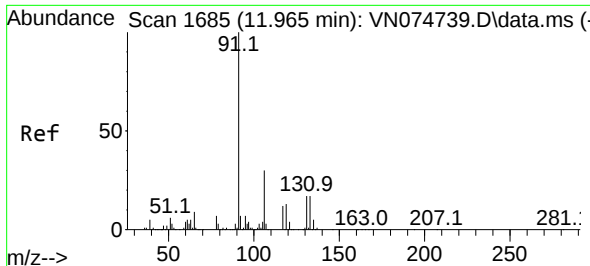
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.207 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

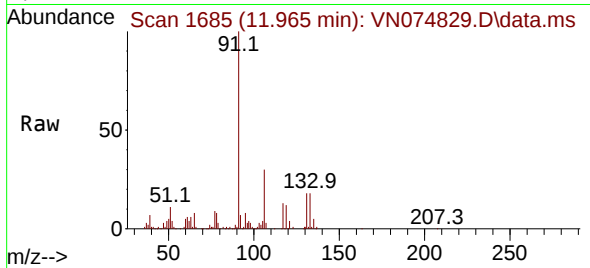
Tgt Ion:131 Resp: 108069
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 68.3 34.8 104.3





#67
Ethyl Benzene
Concen: 20.158 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

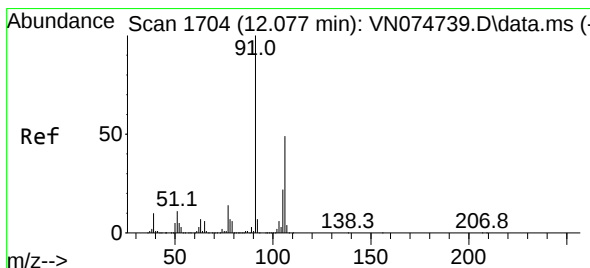
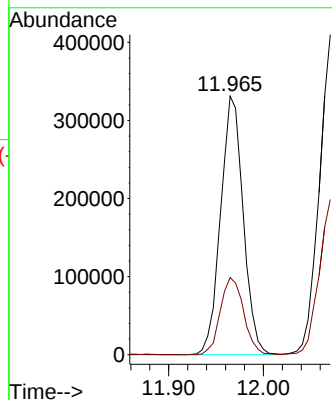
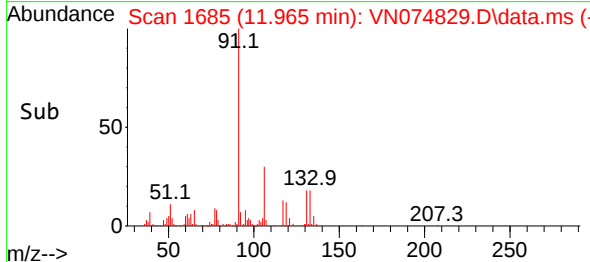
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



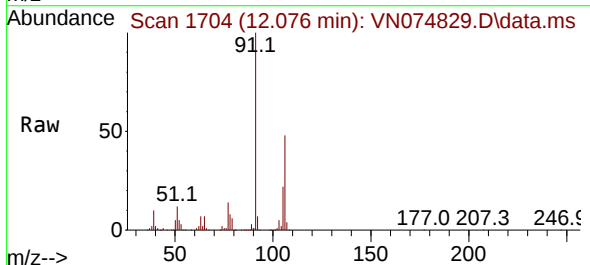
Tgt Ion: 91 Resp: 550320
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1

Manual Integrations
APPROVED

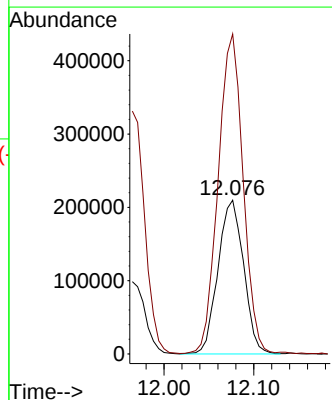
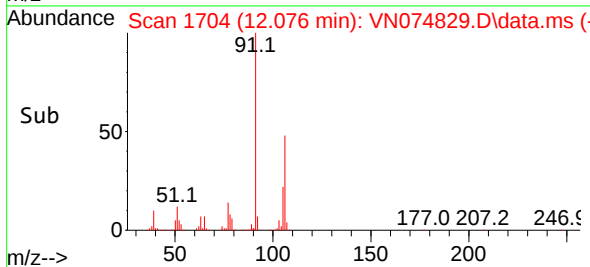
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

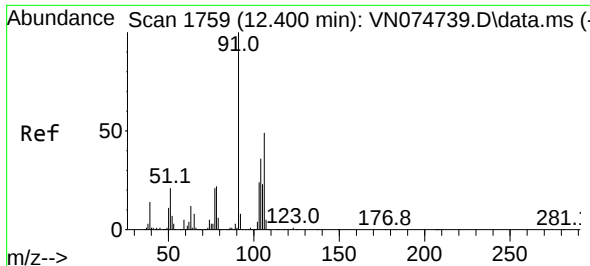


#68
m/p-Xylenes
Concen: 40.620 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



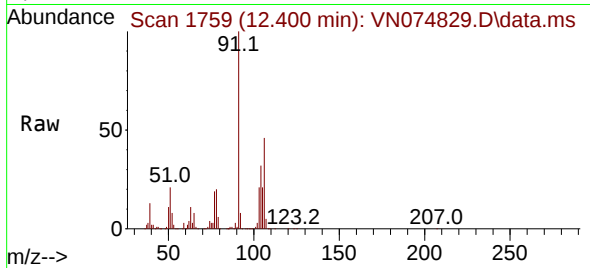
Tgt Ion:106 Resp: 416285
Ion Ratio Lower Upper
106 100
91 202.1 164.2 246.4





#69
o-Xylene
Concen: 19.931 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

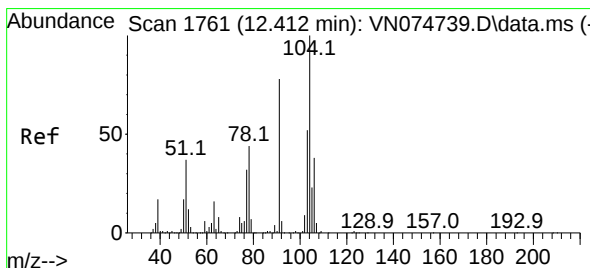
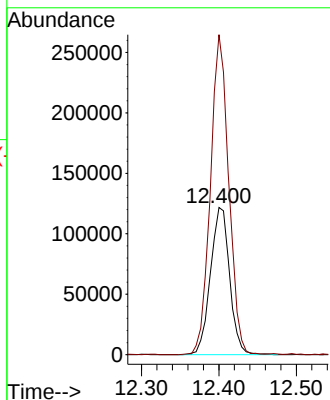
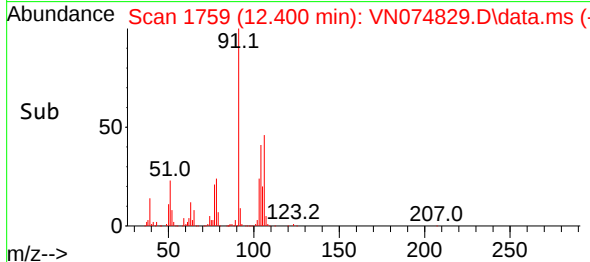
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



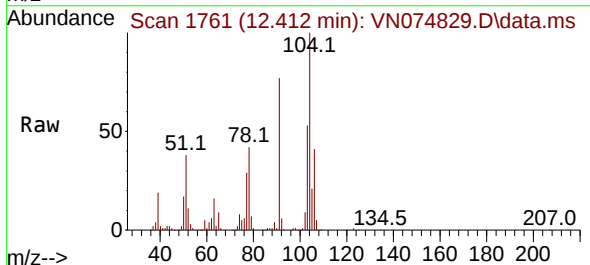
Tgt Ion:106 Resp: 209562
Ion Ratio Lower Upper
106 100
91 208.0 105.4 316.1

Manual Integrations
APPROVED

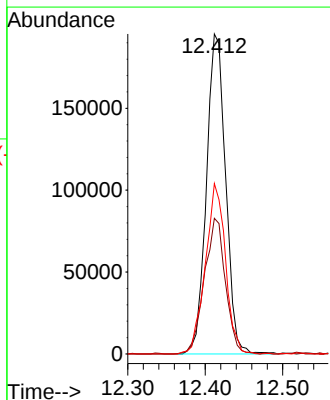
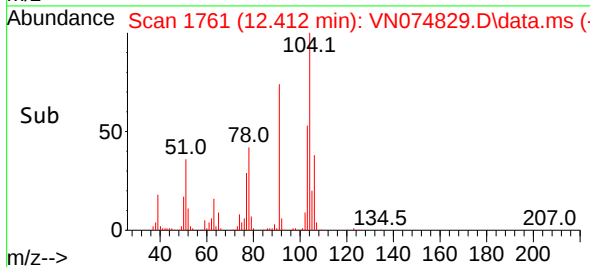
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

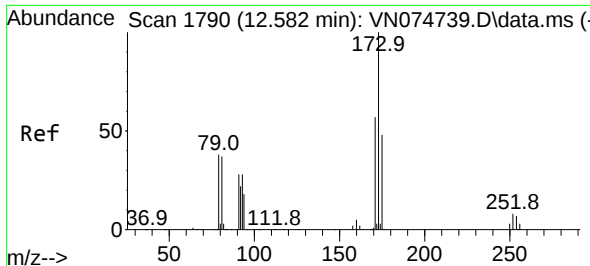


#70
Styrene
Concen: 20.315 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



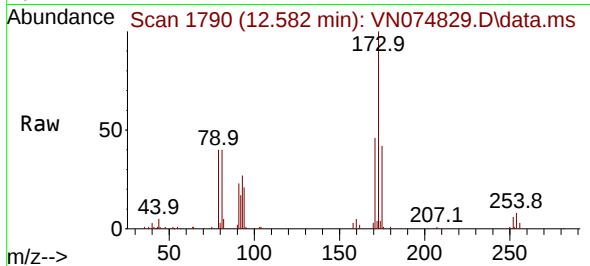
Tgt Ion:104 Resp: 336737
Ion Ratio Lower Upper
104 100
78 46.6 39.7 59.5
103 55.7 44.7 67.1





#71
Bromoform
Concen: 18.973 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

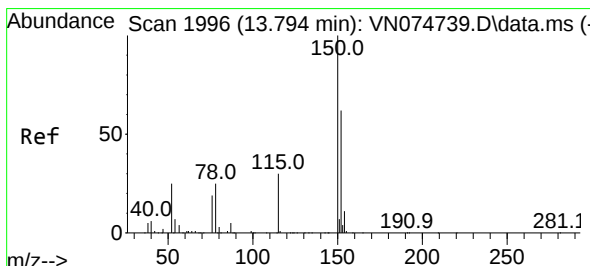
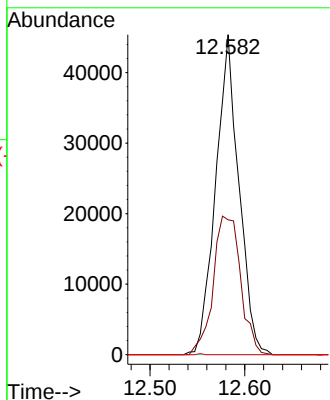
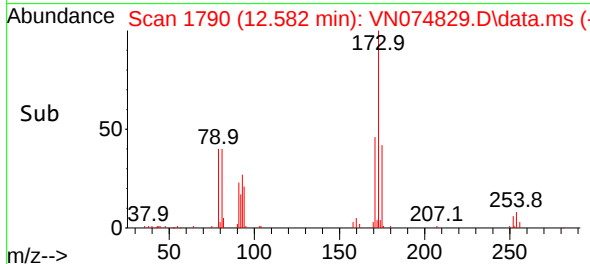
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



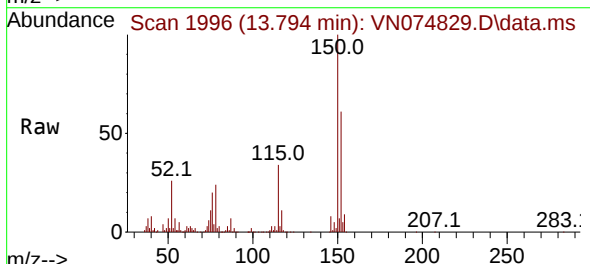
Tgt Ion:173 Resp: 77402
Ion Ratio Lower Upper
173 100
175 51.0 23.9 71.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

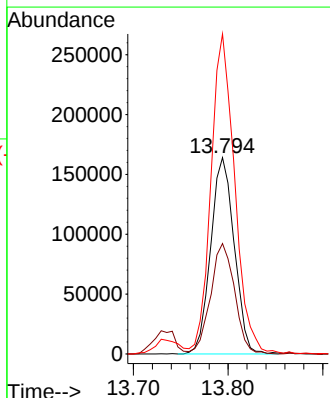
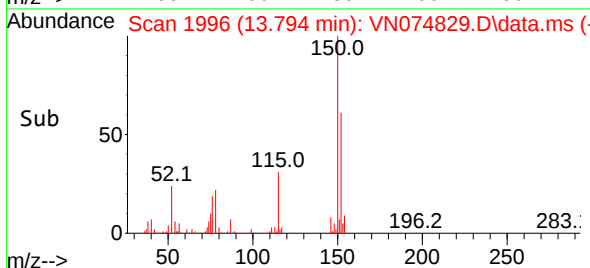
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

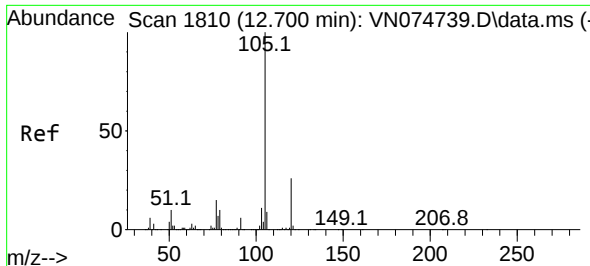


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



Tgt Ion:152 Resp: 283751
Ion Ratio Lower Upper
152 100
115 57.4 30.0 90.0
150 164.5 0.0 356.4





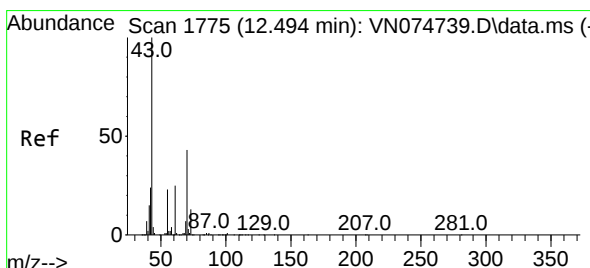
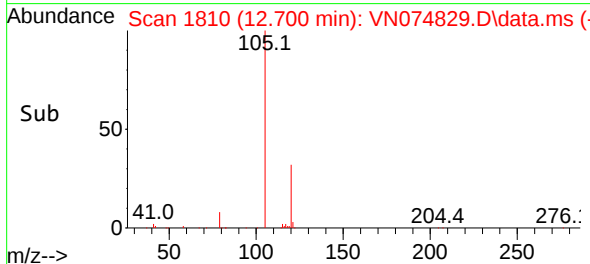
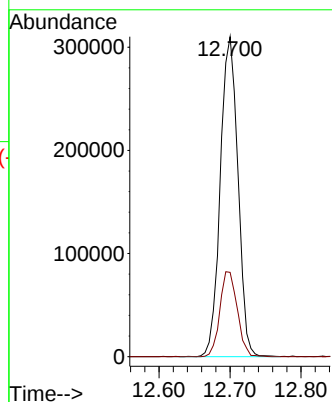
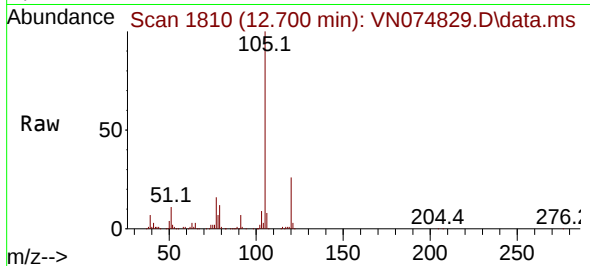
#73
Isopropylbenzene
Concen: 19.531 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:105 Resp: 53329
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

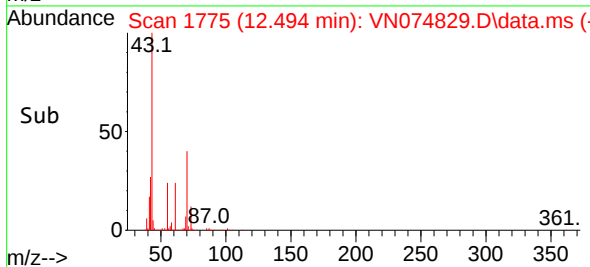
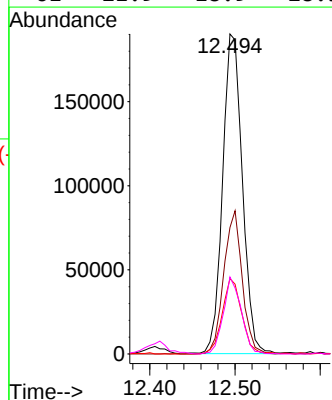
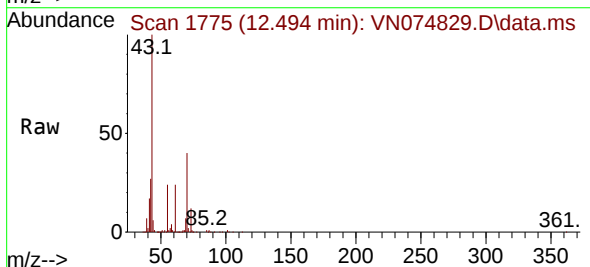
Manual Integrations
APPROVED

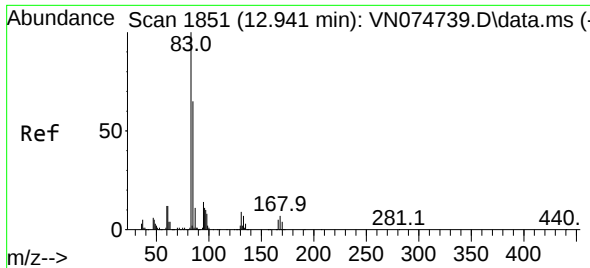
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#74
N-ethyl acetate
Concen: 18.540 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

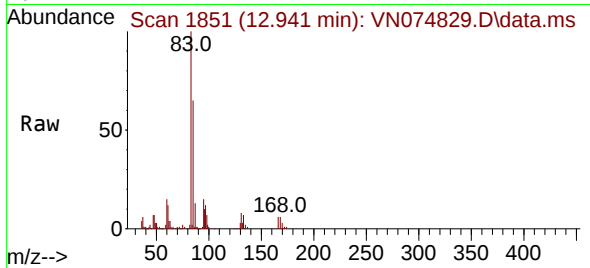
Tgt Ion: 43 Resp: 306075
Ion Ratio Lower Upper
43 100
70 41.9 32.9 49.3
55 23.5 17.8 26.6
61 21.9 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 21.662 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

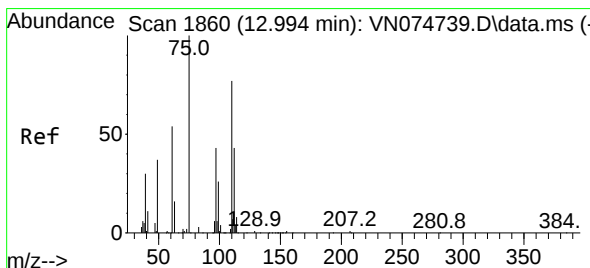
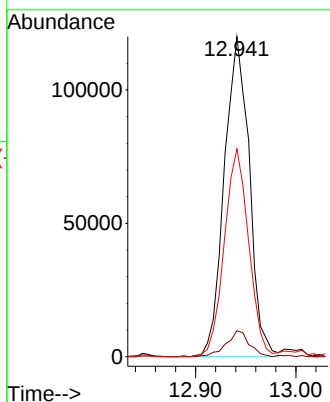
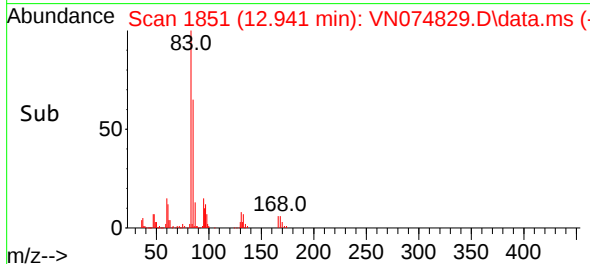
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



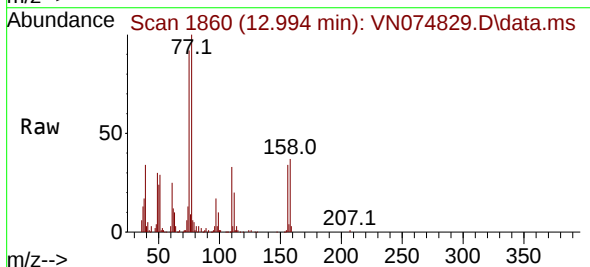
Tgt Ion: 83 Resp: 207890
Ion Ratio Lower Upper
83 100
131 7.4 4.3 12.8
85 63.5 32.9 98.6

Manual Integrations
APPROVED

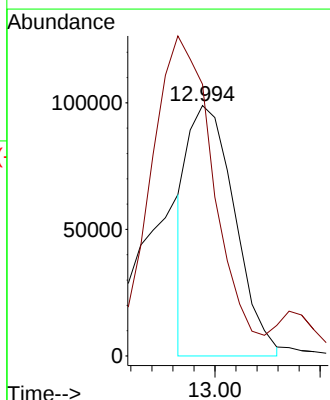
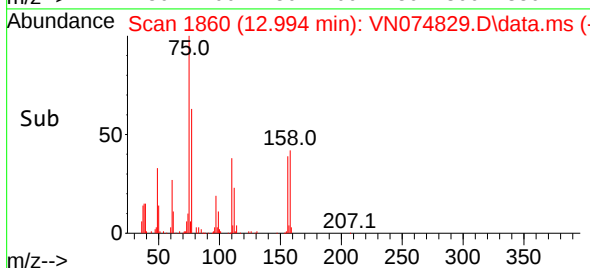
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

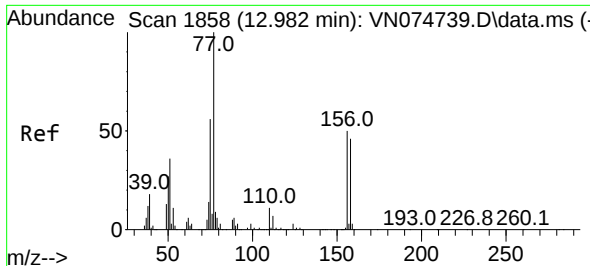


#76
1,2,3-Trichloropropane
Concen: 18.176 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



Tgt Ion: 75 Resp: 153937
Ion Ratio Lower Upper
75 100
77 172.9 76.9 230.7





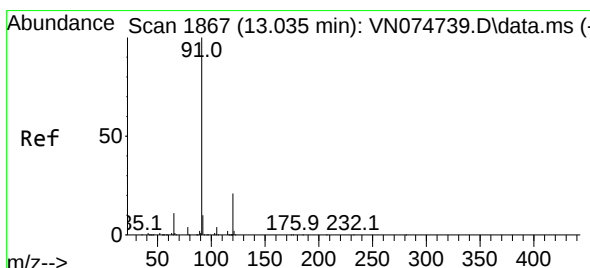
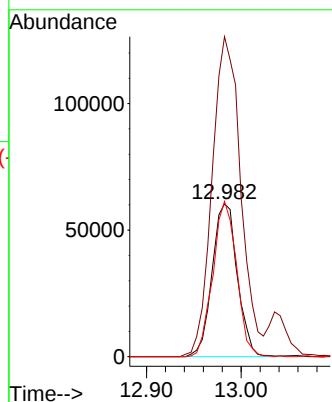
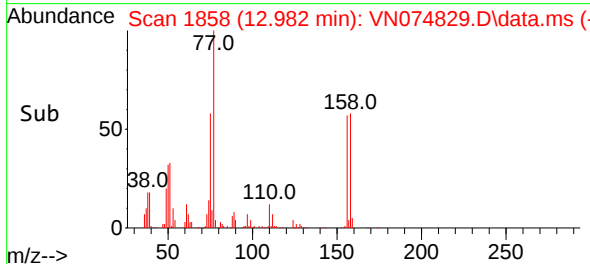
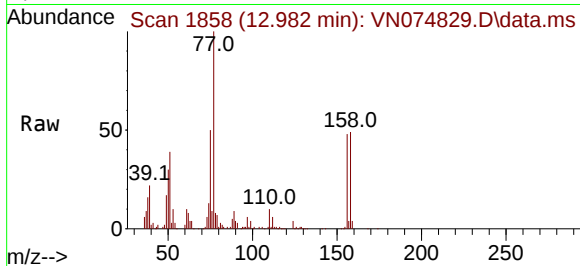
#77
Bromobenzene
Concen: 21.334 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion:156 Resp: 111620
Ion Ratio Lower Upper
156 100
77 238.4 124.7 374.1
158 96.1 48.3 144.9

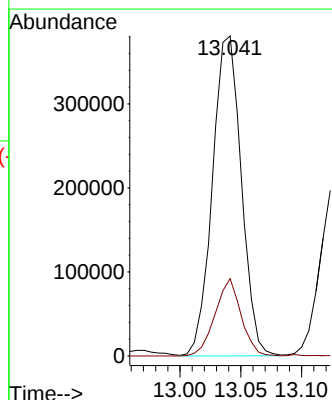
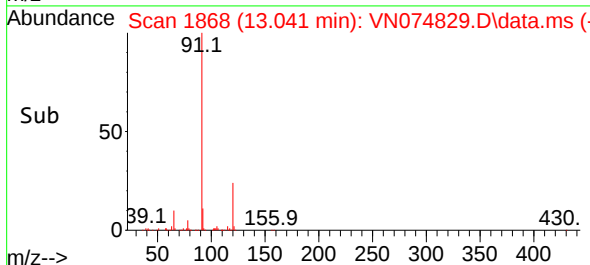
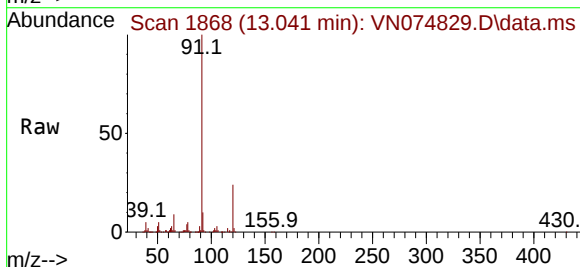
Manual Integrations
APPROVED

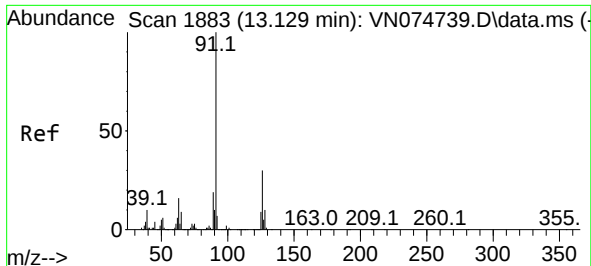
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#78
n-propylbenzene
Concen: 19.970 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Tgt Ion: 91 Resp: 628210
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





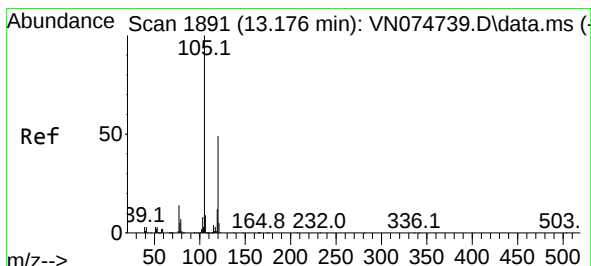
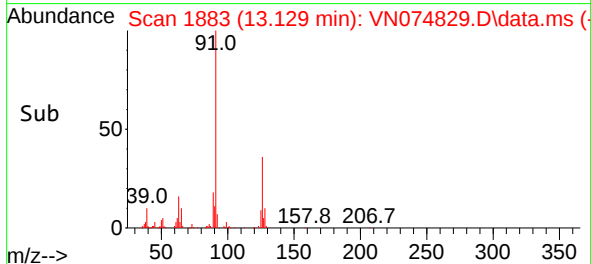
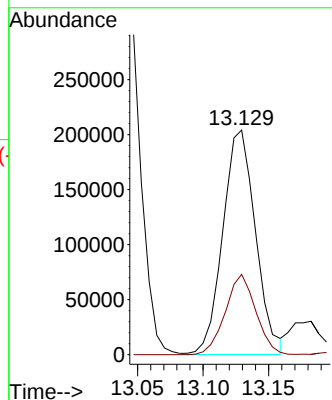
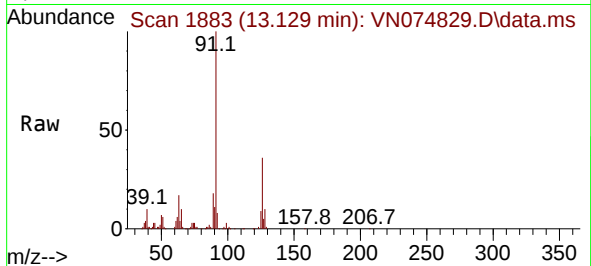
#79
2-Chlorotoluene
Concen: 18.554 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01

Tgt Ion: 91 Resp: 353910
Ion Ratio Lower Upper
91 100
126 33.3 15.7 47.0

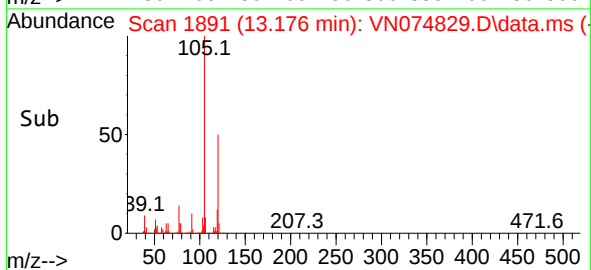
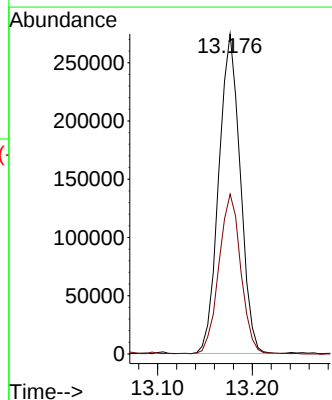
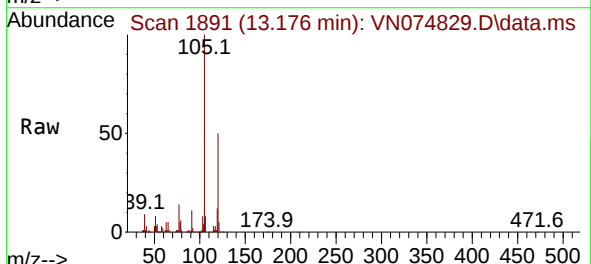
Manual Integrations
APPROVED

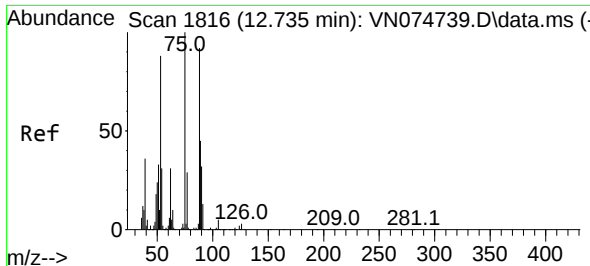
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.825 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

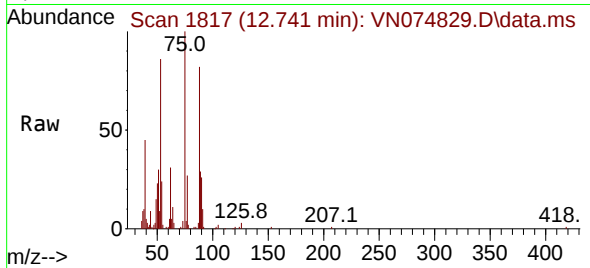
Tgt Ion:105 Resp: 431730
Ion Ratio Lower Upper
105 100
120 51.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.374 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

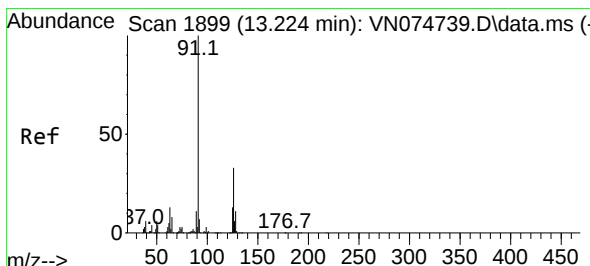
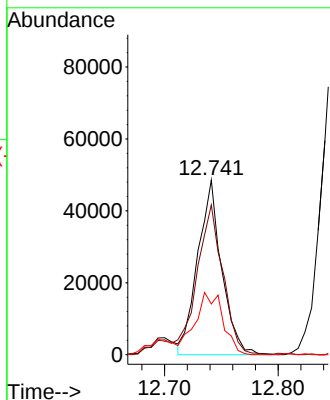
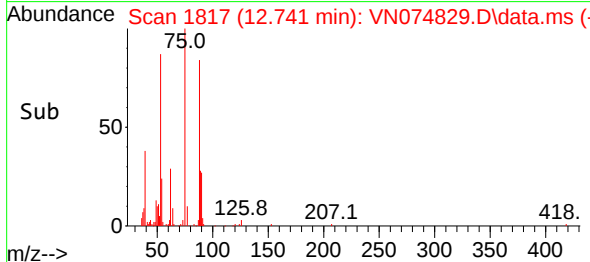
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 75 Resp: 71174
Ion Ratio Lower Upper
75 100
53 101.2 71.4 107.0
89 41.6 32.1 48.1

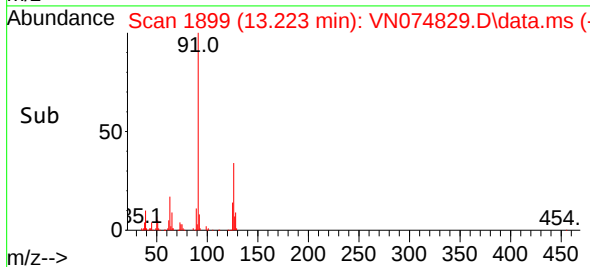
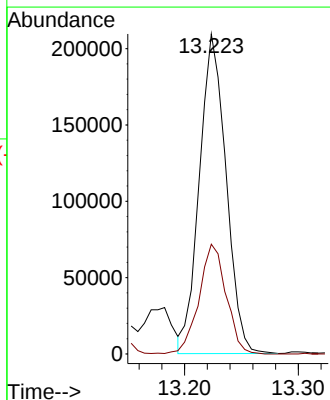
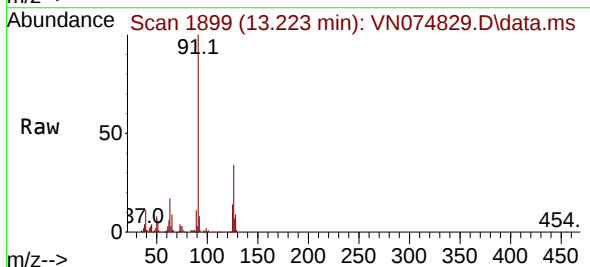
Manual Integrations
APPROVED

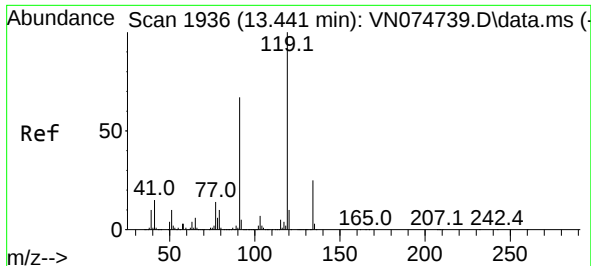
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#82
4-Chlorotoluene
Concen: 19.313 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

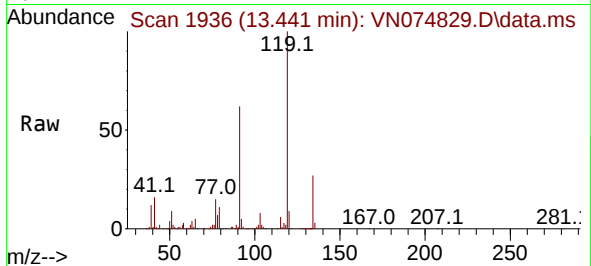
Tgt Ion: 91 Resp: 341457
Ion Ratio Lower Upper
91 100
126 35.0 16.4 49.2





#83
tert-Butylbenzene
Concen: 20.138 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

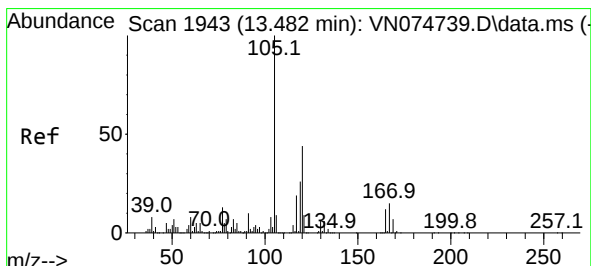
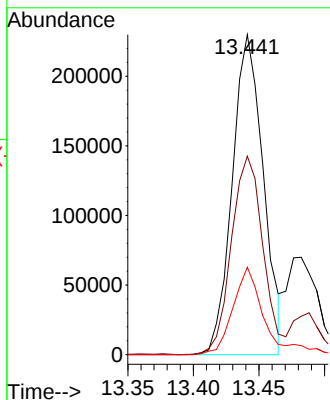
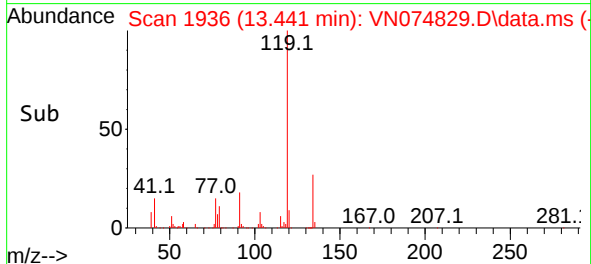
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



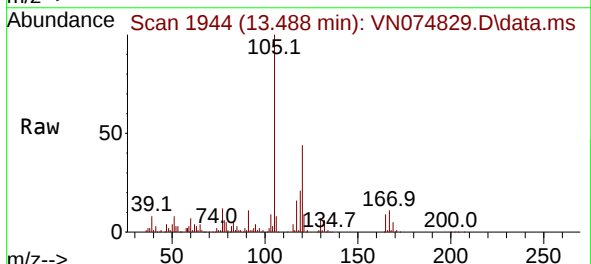
Tgt Ion:119 Resp: 378968
Ion Ratio Lower Upper
119 100
91 63.5 33.0 98.9
134 27.5 13.2 39.5

Manual Integrations
APPROVED

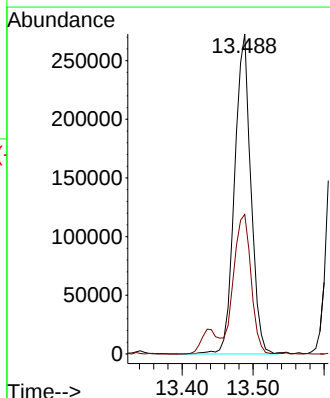
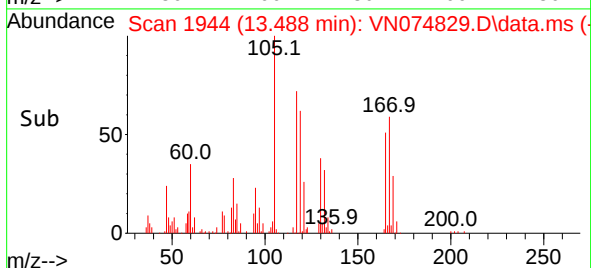
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

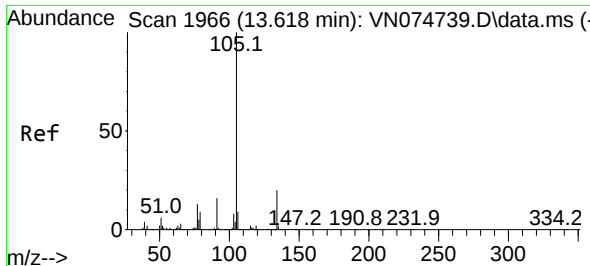


#84
1,2,4-Trimethylbenzene
Concen: 19.721 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



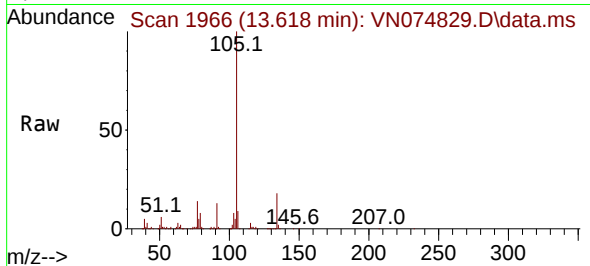
Tgt Ion:105 Resp: 434243
Ion Ratio Lower Upper
105 100
120 47.0 21.7 65.1





#85
 sec-Butylbenzene
 Concen: 19.878 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074829.D
 Acq: 10 Oct 2022 13:59

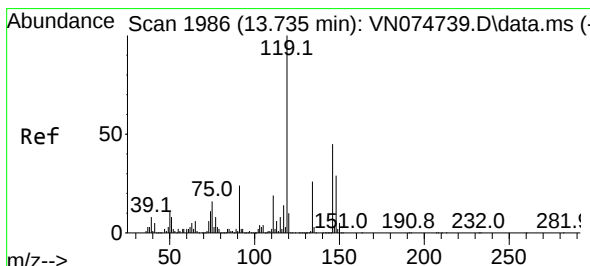
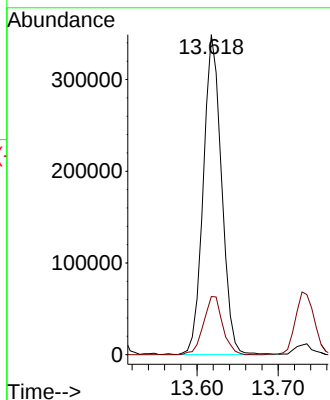
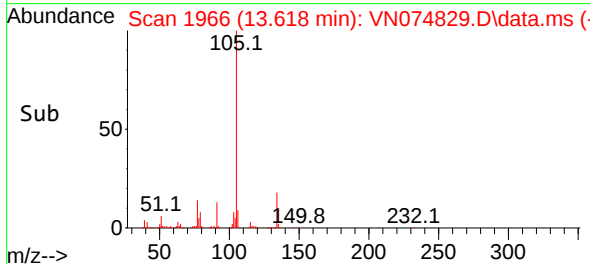
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBSD01



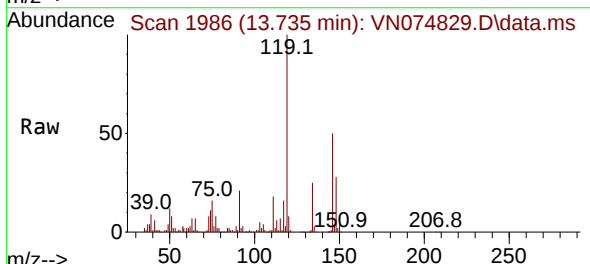
Tgt Ion:105 Resp: 543600
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2

Manual Integrations
 APPROVED

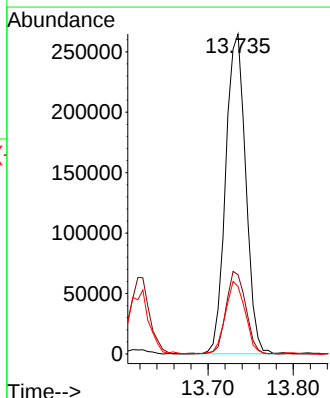
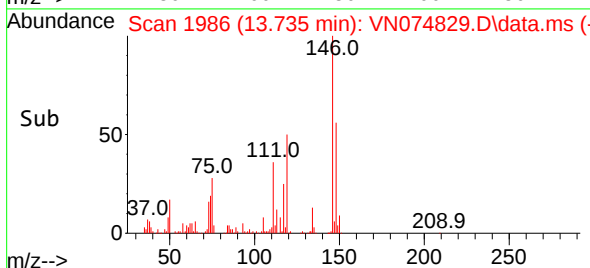
Reviewed By :John Carlone 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

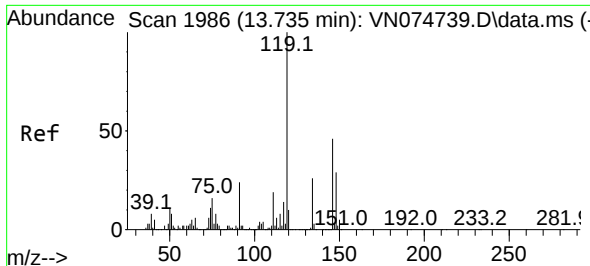


#86
 p-Isopropyltoluene
 Concen: 20.474 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074829.D
 Acq: 10 Oct 2022 13:59



Tgt Ion:119 Resp: 432073
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 22.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.629 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion:146 Resp: 21255

Ion Ratio Lower Upper

146 100

111 39.1 20.8 62.2

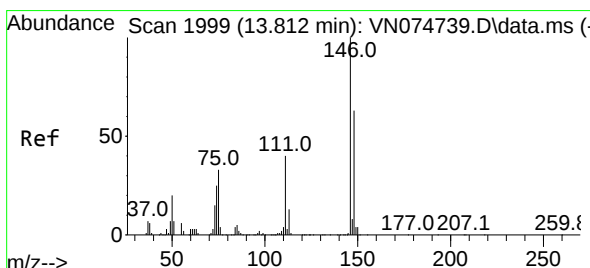
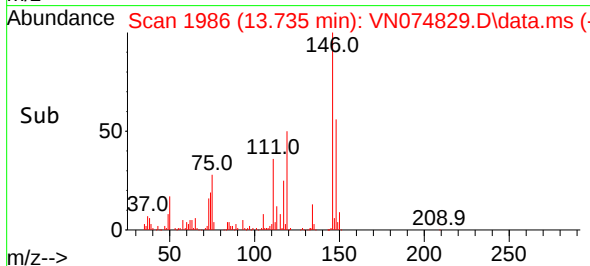
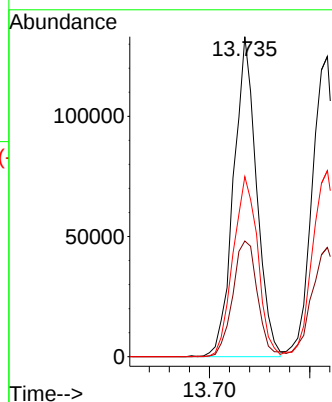
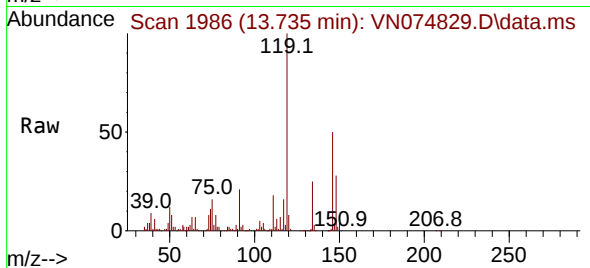
148 60.0 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#88

1,4-Dichlorobenzene

Concen: 20.886 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

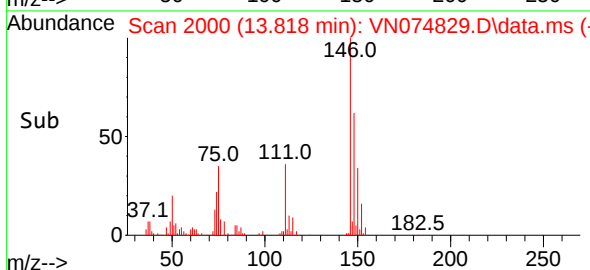
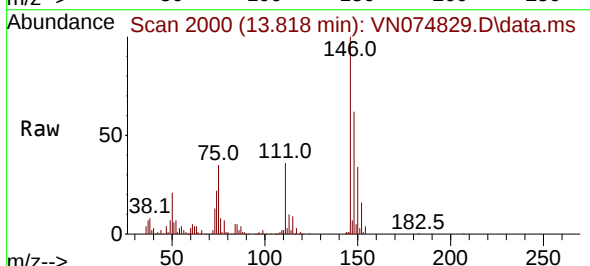
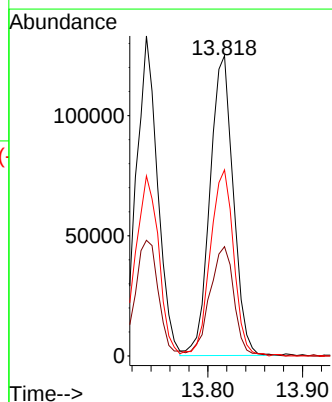
Tgt Ion:146 Resp: 213638

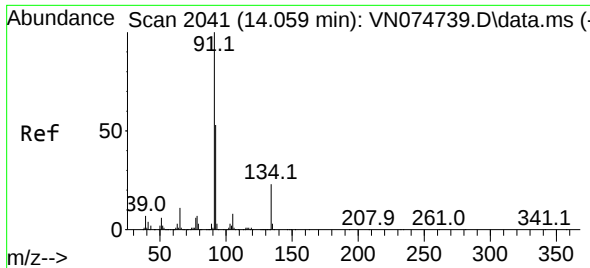
Ion Ratio Lower Upper

146 100

111 38.1 19.9 59.6

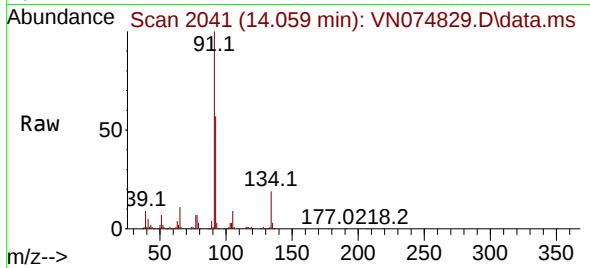
148 62.4 31.8 95.4





#89
n-Butylbenzene
Concen: 19.385 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

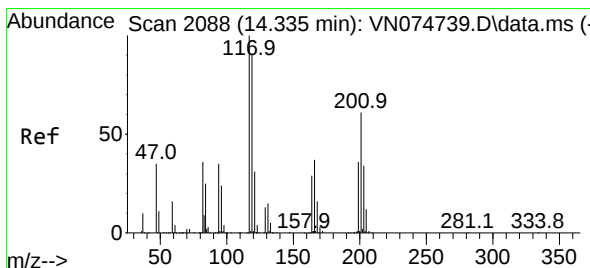
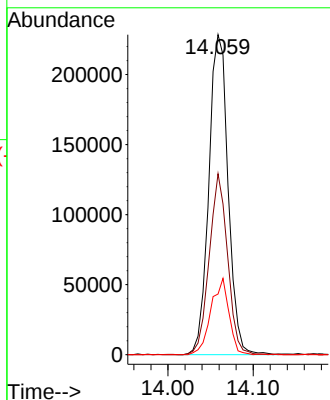
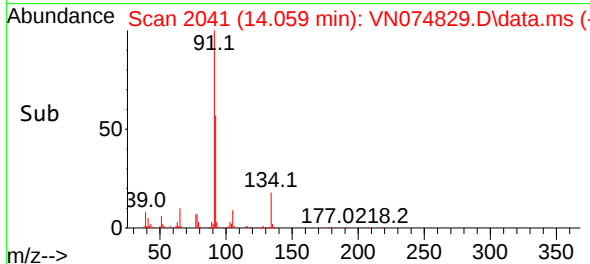
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion: 91 Resp: 360569
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.0
134 22.4 11.9 35.5

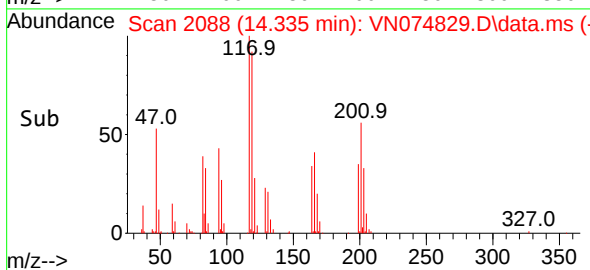
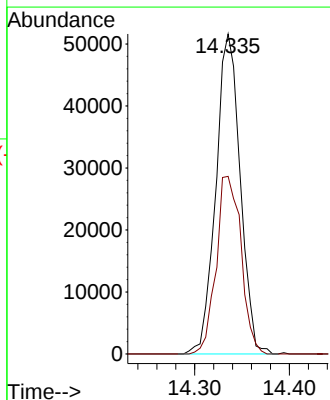
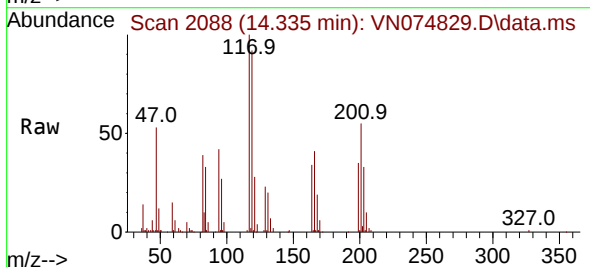
Manual Integrations
APPROVED

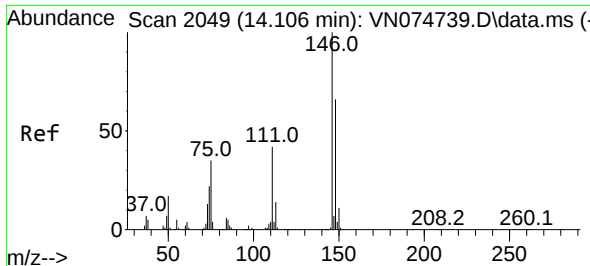
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#90
Hexachloroethane
Concen: 19.519 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

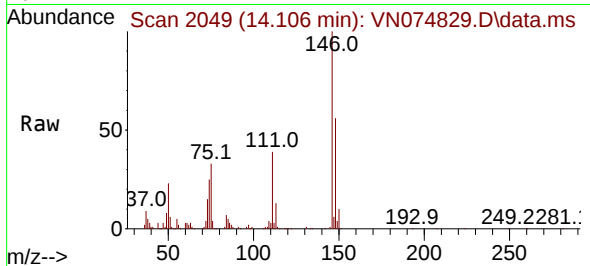
Tgt Ion:117 Resp: 92098
Ion Ratio Lower Upper
117 100
201 56.7 30.3 90.8





#91
1,2-Dichlorobenzene
Concen: 21.381 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

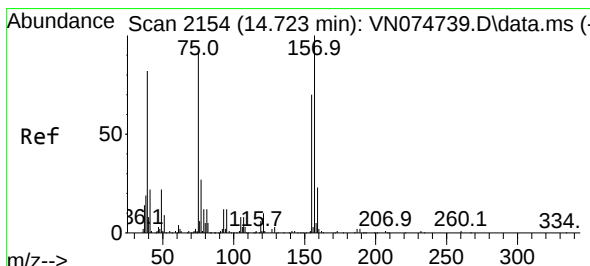
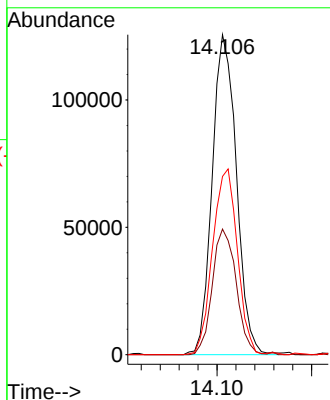
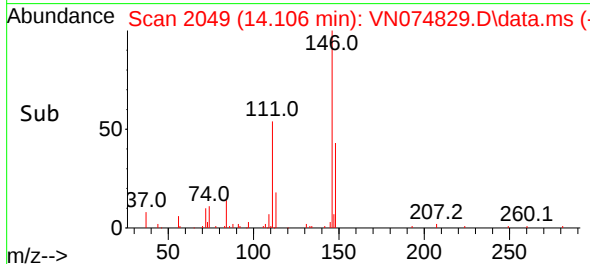
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



Tgt Ion:146 Resp: 222974
Ion Ratio Lower Upper
146 100
111 38.8 21.5 64.5
148 59.7 31.9 95.9

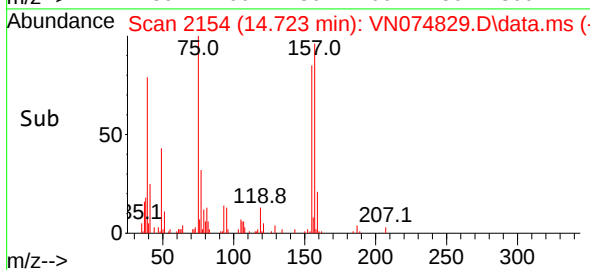
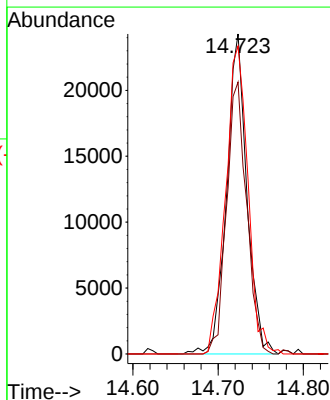
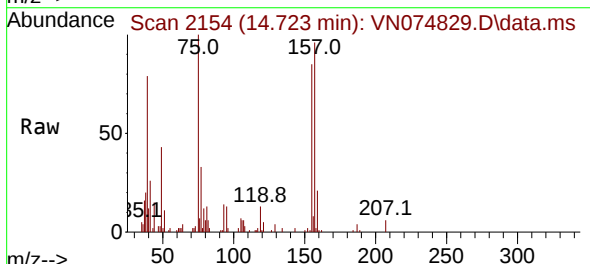
Manual Integrations
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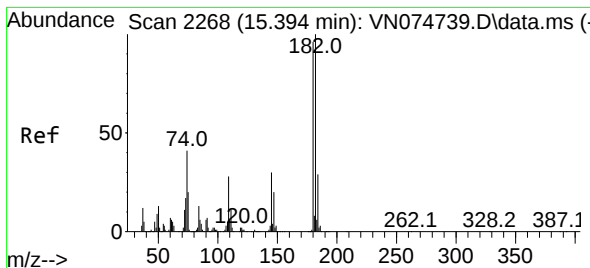
Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.802 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

Tgt Ion: 75 Resp: 40289
Ion Ratio Lower Upper
75 100
155 84.0 40.3 120.8
157 105.7 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 21.372 ug/l

RT: 15.400 min Scan# 2268

Delta R.T. 0.006 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBSD01

Tgt Ion:180 Resp: 9749

Ion Ratio Lower Upper

180 100

182 93.0 48.5 145.5

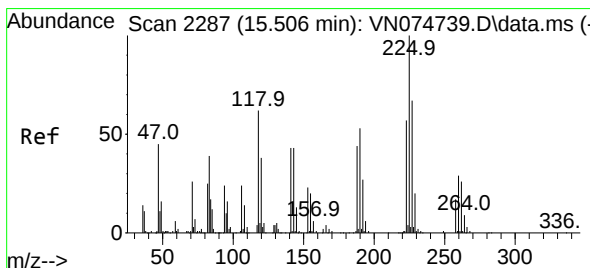
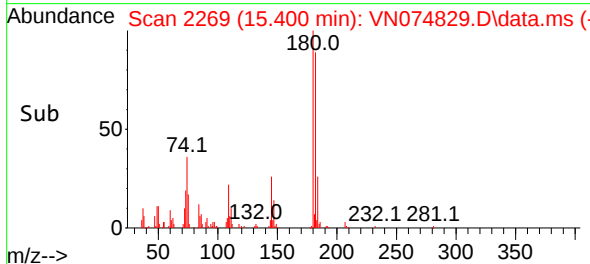
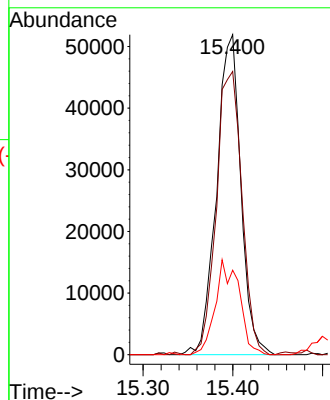
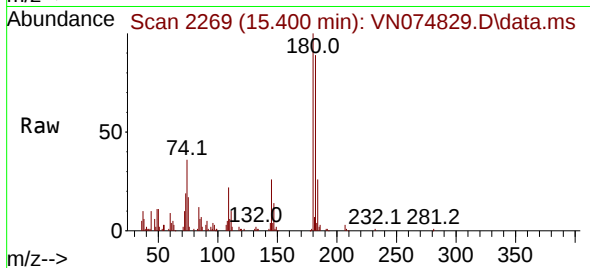
145 29.3 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2022

Supervised By :Mahesh Dadoda 10/11/2022



#94

Hexachlorobutadiene

Concen: 22.454 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN074829.D

Acq: 10 Oct 2022 13:59

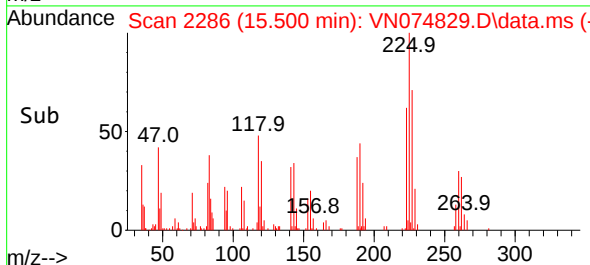
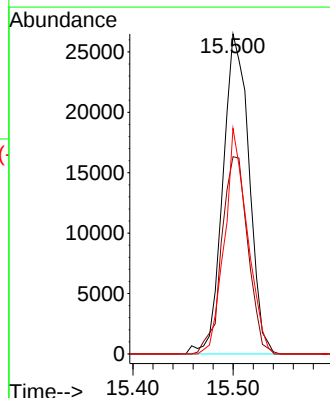
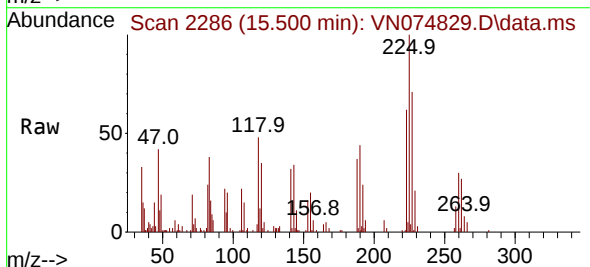
Tgt Ion:225 Resp: 47916

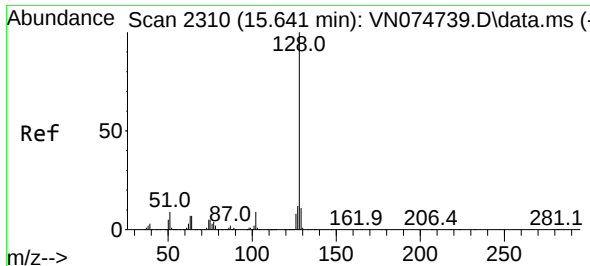
Ion Ratio Lower Upper

225 100

223 61.9 31.7 95.1

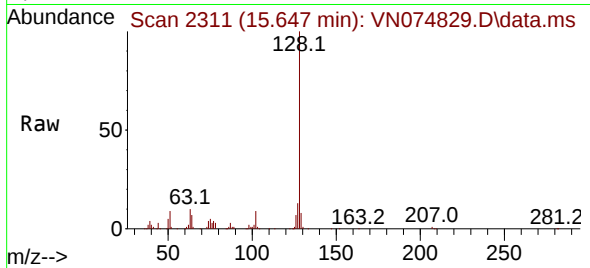
227 61.7 31.2 93.6





#95
Naphthalene
Concen: 20.599 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59

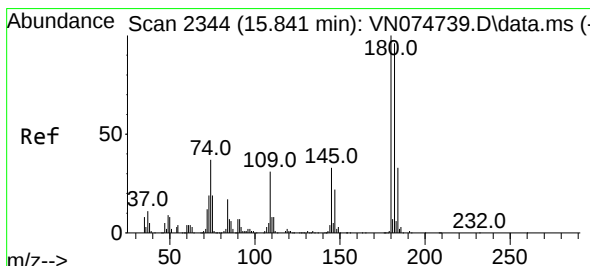
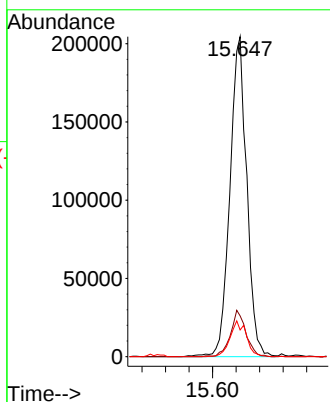
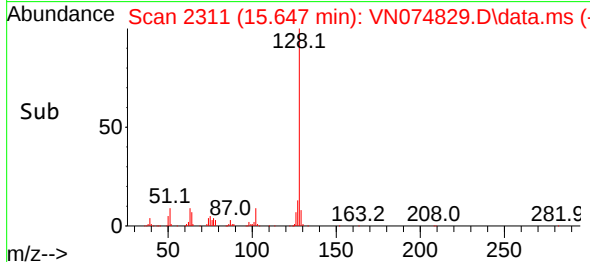
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBSD01



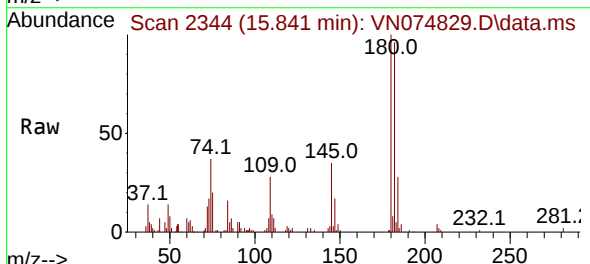
Tgt Ion:128 Resp: 40623
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 10.9 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.420 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074829.D
Acq: 10 Oct 2022 13:59



Tgt Ion:180 Resp: 98942
Ion Ratio Lower Upper
180 100
182 92.6 47.3 142.0
145 33.6 17.1 51.2

