

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074911.D
 Acq On : 17 Oct 2022 12:12
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 12:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 11:33:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	310871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	615502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	86616	11.506	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	23.020%#		
35) Dibromofluoromethane	8.177	113	67198	10.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.800%#		
50) Toluene-d8	10.570	98	271179	10.660	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.320%#		
62) 4-Bromofluorobenzene	12.853	95	67635	9.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	59085	9.907	ug/l	93
3) Chloromethane	2.389	50	98198	11.078	ug/l	93
4) Vinyl Chloride	2.530	62	131999	10.142	ug/l	99
5) Bromomethane	2.953	94	93025	9.263	ug/l	94
6) Chloroethane	3.130	64	101758	9.879	ug/l	95
7) Trichlorofluoromethane	3.518	101	90016	9.945	ug/l	96
8) Diethyl Ether	3.989	74	40271	9.683	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	57667	10.078	ug/l	96
10) Methyl Iodide	4.618	142	73153	11.547	ug/l	98
11) Tert butyl alcohol	5.565	59	89471	48.299	ug/l	99
12) 1,1-Dichloroethene	4.371	96	52764	9.851	ug/l	93
13) Acrolein	4.212	56	87641	44.712	ug/l	97
14) Allyl chloride	5.041	41	103077	9.749	ug/l	89
15) Acrylonitrile	5.753	53	229989	50.728	ug/l	96
16) Acetone	4.459	43	204348	52.670	ug/l	98
17) Carbon Disulfide	4.724	76	125240	9.216	ug/l #	91
18) Methyl Acetate	5.059	43	150767	10.853	ug/l	100
19) Methyl tert-butyl Ether	5.824	73	201012	9.506	ug/l	99
20) Methylene Chloride	5.294	84	70488	9.280	ug/l	89
21) trans-1,2-Dichloroethene	5.800	96	54312	9.162	ug/l #	85
22) Diisopropyl ether	6.694	45	230293	9.517	ug/l #	95
23) Vinyl Acetate	6.624	43	784471	44.180	ug/l	97
24) 1,1-Dichloroethane	6.594	63	126925	9.746	ug/l	95
25) 2-Butanone	7.500	43	319976	50.085	ug/l	98
26) 2,2-Dichloropropane	7.500	77	97418	9.327	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	72674	9.869	ug/l	93
28) Bromochloromethane	7.829	49	58937	10.776	ug/l #	93
29) Tetrahydrofuran	7.859	42	209222	49.884	ug/l	96
30) Chloroform	7.982	83	119228	9.890	ug/l	86
31) Cyclohexane	8.259	56	106186	9.499	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	97041	9.480	ug/l	90
36) 1,1-Dichloropropene	8.388	75	78758	8.713	ug/l	95
37) Ethyl Acetate	7.571	43	123088	8.992	ug/l	98
38) Carbon Tetrachloride	8.377	117	80649	9.439	ug/l	94
39) Methylcyclohexane	9.612	83	94040	8.628	ug/l	97
40) Benzene	8.618	78	275255	9.258	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	65200	9.870	ug/l	97
42) 1,2-Dichloroethane	8.676	62	90393	9.307	ug/l	96
43) Isopropyl Acetate	8.700	43	200305	9.698	ug/l	98
44) Trichloroethene	9.359	130	57418	9.228	ug/l	98
45) 1,2-Dichloropropane	9.629	63	76812	9.598	ug/l	100
46) Dibromomethane	9.718	93	47209	9.213	ug/l	96
47) Bromodichloromethane	9.894	83	93347	9.494	ug/l	99
48) Methyl methacrylate	9.618	41	88412	9.191	ug/l #	96
49) 1,4-Dioxane	9.694	88	36873	210.391	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	640036	48.190	ug/l	98
52) Toluene	10.635	92	159605	8.962	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	94274	8.773	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	108080	9.434	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	73926	10.335	ug/l #	88
56) Ethyl methacrylate	10.876	69	109476	9.562	ug/l	99
57) 1,3-Dichloropropane	11.165	76	126266	9.733	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.171	63	238192	58.441	ug/l	97
59) 2-Hexanone	11.200	43	477387	49.232	ug/l	98
60) Dibromochloromethane	11.365	129	64520	9.001	ug/l	97
61) 1,2-Dibromoethane	11.470	107	63551	8.983	ug/l	91
64) Tetrachloroethene	11.106	164	44011	8.865	ug/l	87
65) Chlorobenzene	11.894	112	163008	9.177	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.964	131	61259	9.198	ug/l	95
67) Ethyl Benzene	11.964	91	308953	9.486	ug/l	96
68) m/p-Xylenes	12.076	106	223424	18.424	ug/l	99
69) o-Xylene	12.400	106	117908	9.518	ug/l	99
70) Styrene	12.412	104	173701	8.841	ug/l	98
71) Bromoform	12.576	173	40378	8.754	ug/l #	100
73) Isopropylbenzene	12.694	105	289537	11.588	ug/l	99
74) N-amyl acetate	12.494	43	157255	11.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	111341	11.250	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	80686m	9.757	ug/l	
77) Bromobenzene	12.976	156	55911	10.103	ug/l	89
78) n-propylbenzene	13.035	91	308502	10.815	ug/l	100
79) 2-Chlorotoluene	13.129	91	185061	10.851	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	217386	10.703	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	31034	10.503	ug/l	95
82) 4-Chlorotoluene	13.223	91	167116	10.477	ug/l	99
83) tert-Butylbenzene	13.441	119	204886	11.673	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	212522	10.650	ug/l	99
85) sec-Butylbenzene	13.617	105	279155	11.030	ug/l	96
86) p-Isopropyltoluene	13.735	119	200425	9.965	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	92855	8.943	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	100260	9.787	ug/l	97
89) n-Butylbenzene	14.058	91	162105	9.459	ug/l	98
90) Hexachloroethane	14.335	117	46818	10.842	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	96820	8.990	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17733	9.659	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	44194	9.072	ug/l	97
94) Hexachlorobutadiene	15.505	225	22770	9.733	ug/l	90
95) Naphthalene	15.647	128	189740	10.880	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	47071	10.201	ug/l	96

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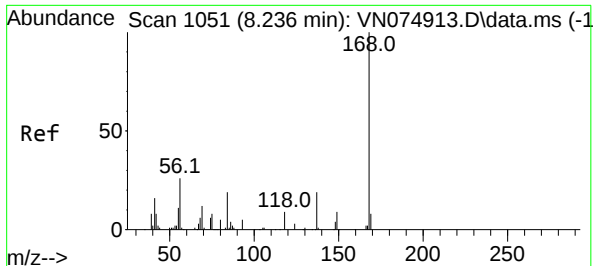
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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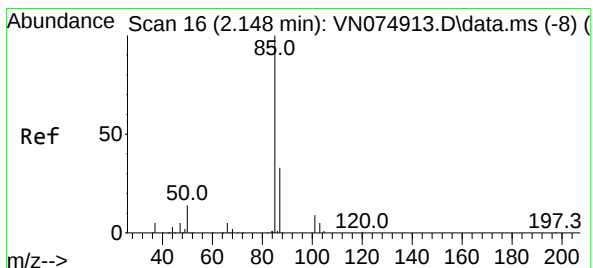
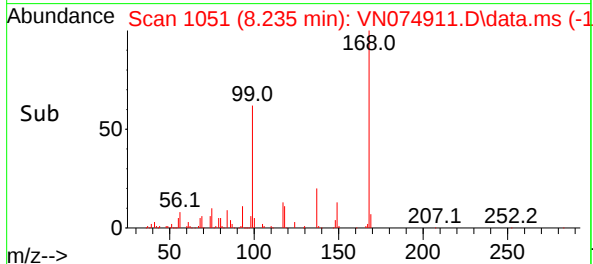
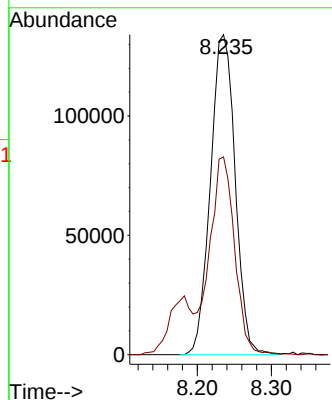
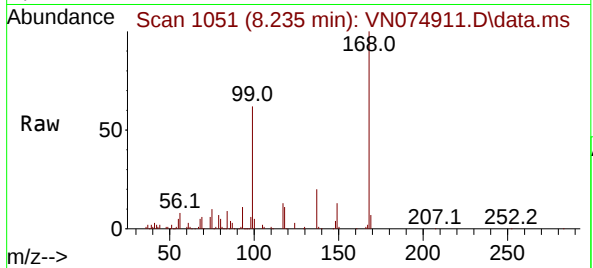
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074911.D
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ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 31087
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.8

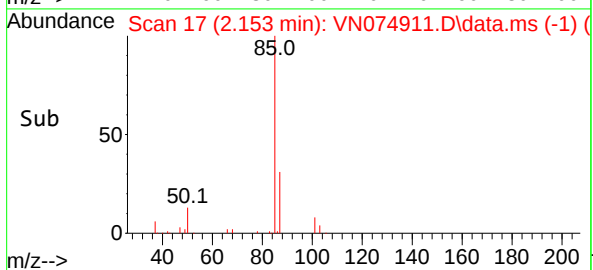
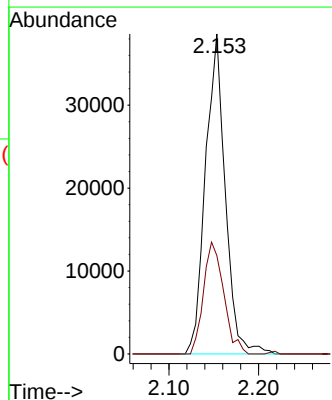
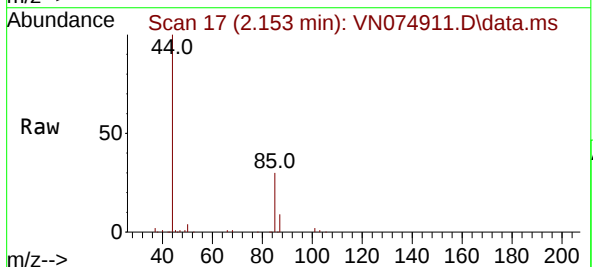
Manual Integrations
APPROVED

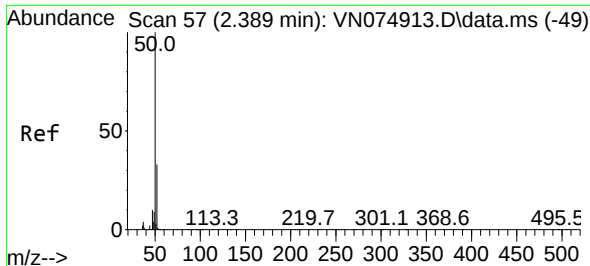
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#2
Dichlorodifluoromethane
Concen: 9.907 ug/l
RT: 2.153 min Scan# 17
Delta R.T. 0.012 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

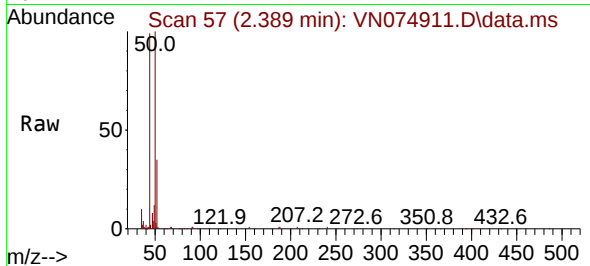
Tgt Ion: 85 Resp: 59085
Ion Ratio Lower Upper
85 100
87 30.7 17.5 52.6





#3
Chloromethane
Concen: 11.078 ug/l
RT: 2.389 min Scan# 57
Delta R.T. 0.012 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

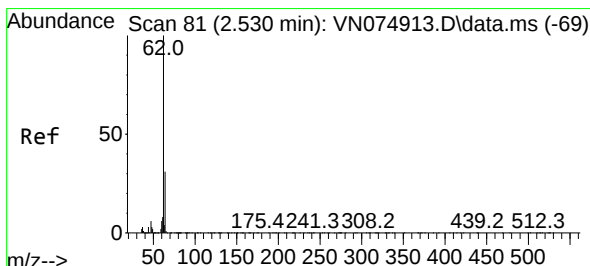
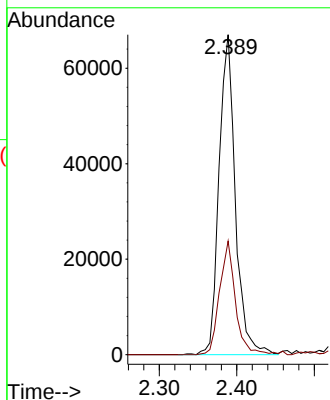
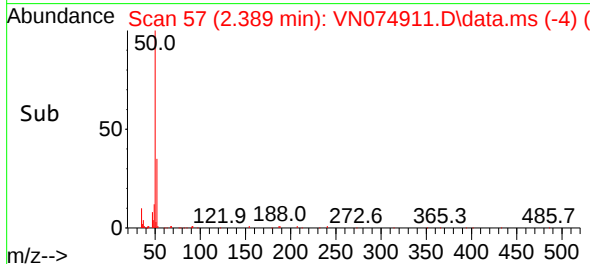
Instrument :
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ClientSampleId :
VSTDIC010



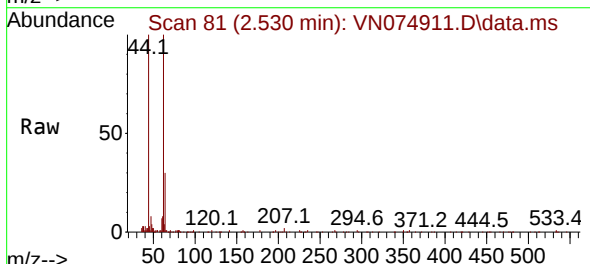
Tgt Ion: 50 Resp: 98198
Ion Ratio Lower Upper
50 100
52 35.5 25.4 38.0

Manual Integrations
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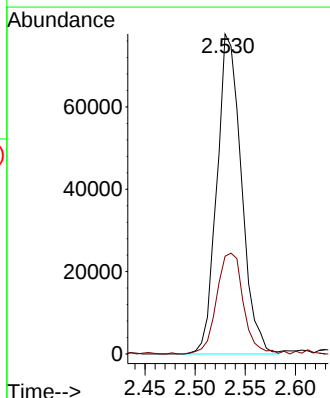
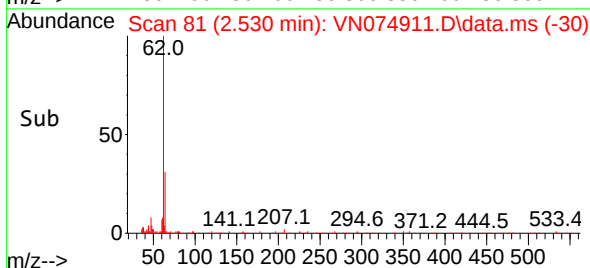
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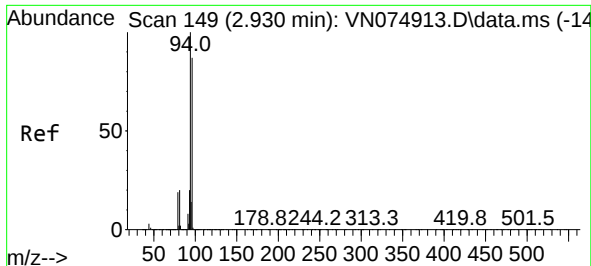


#4
Vinyl Chloride
Concen: 10.142 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



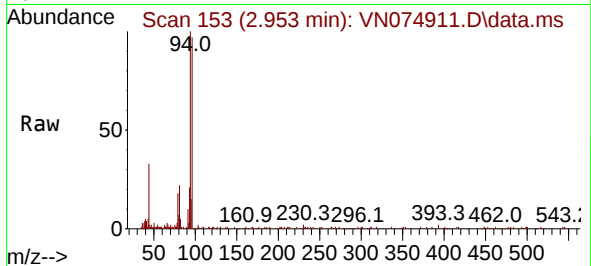
Tgt Ion: 62 Resp: 131999
Ion Ratio Lower Upper
62 100
64 30.5 24.8 37.2





#5
Bromomethane
Concen: 9.263 ug/l
RT: 2.953 min Scan# 149
Delta R.T. 0.018 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

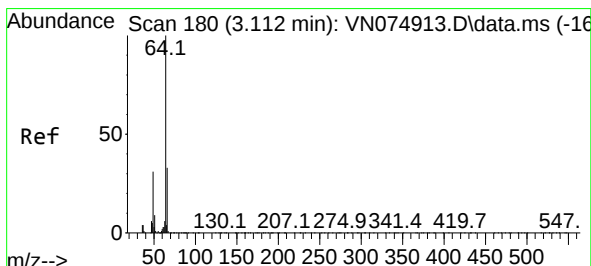
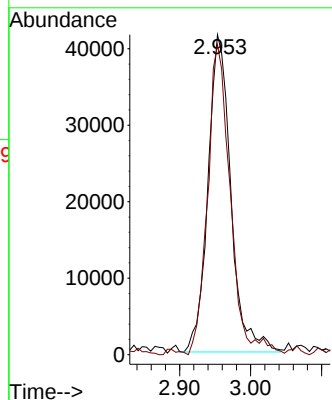
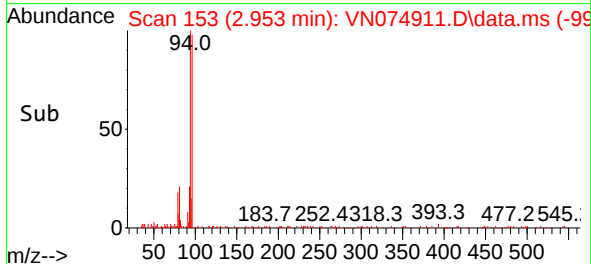
Instrument :
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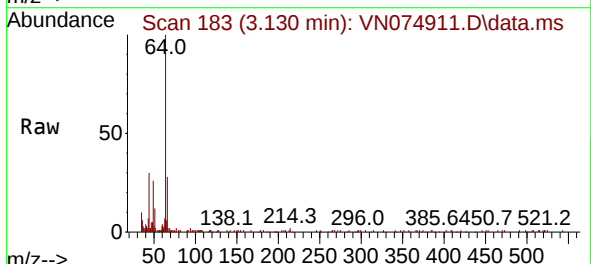
Tgt Ion: 94 Resp: 93025
Ion Ratio Lower Upper
94 100
96 96.7 72.6 109.0

Manual Integrations
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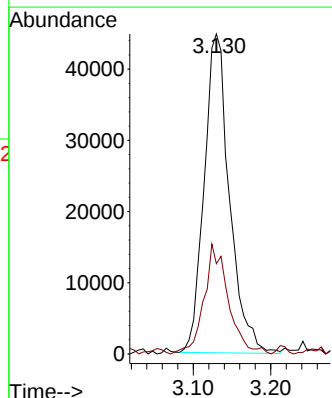
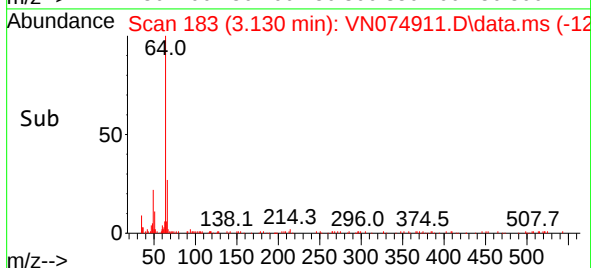
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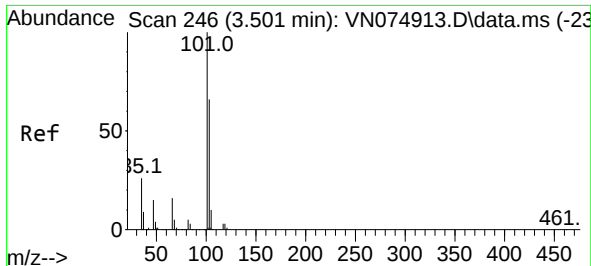


#6
Chloroethane
Concen: 9.879 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.018 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



Tgt Ion: 64 Resp: 101758
Ion Ratio Lower Upper
64 100
66 27.0 23.6 35.4





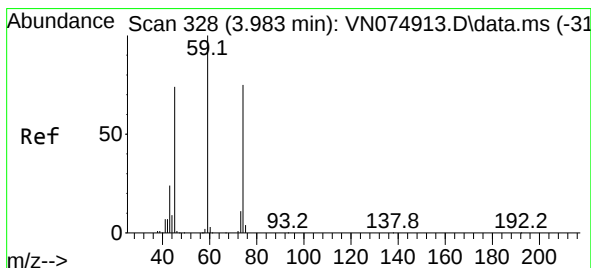
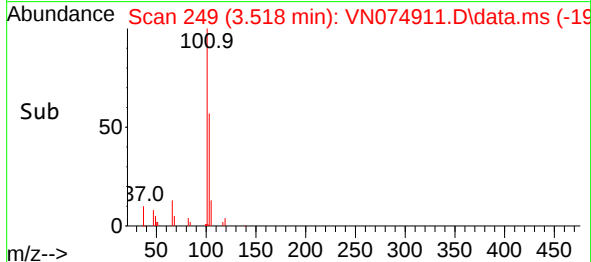
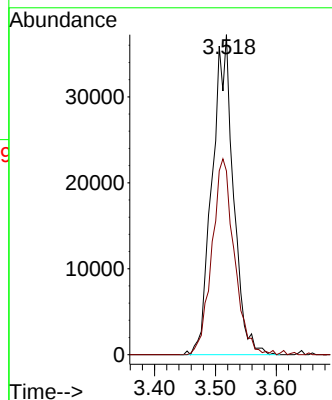
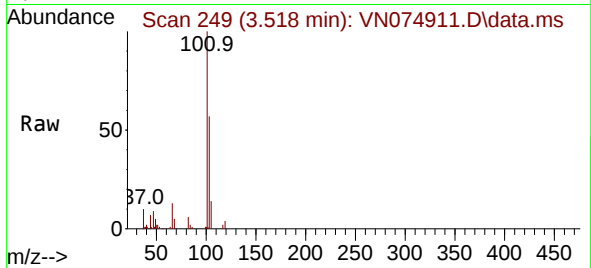
#7
Trichlorofluoromethane
Concen: 9.945 ug/l
RT: 3.518 min Scan# 246
Delta R.T. 0.018 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 90010
Ion Ratio Lower Upper
101 100
103 57.4 48.3 72.5

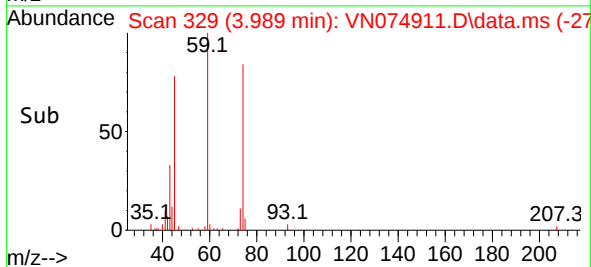
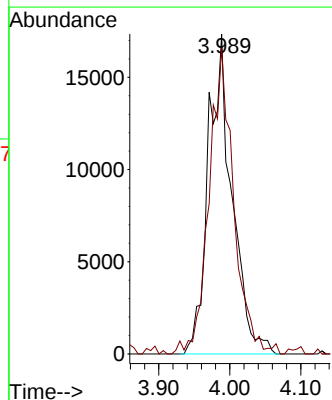
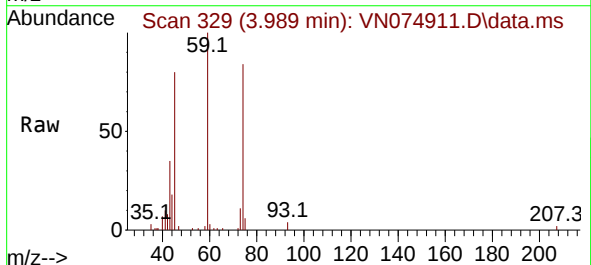
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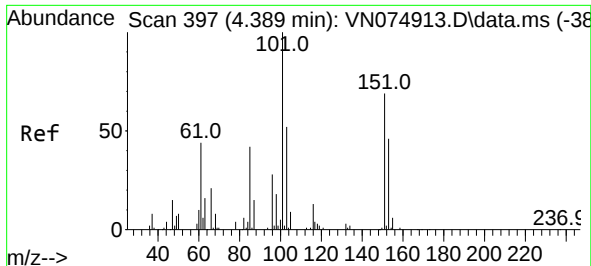
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#8
Diethyl Ether
Concen: 9.683 ug/l
RT: 3.989 min Scan# 329
Delta R.T. 0.012 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion: 74 Resp: 40271
Ion Ratio Lower Upper
74 100
45 98.5 49.3 147.9





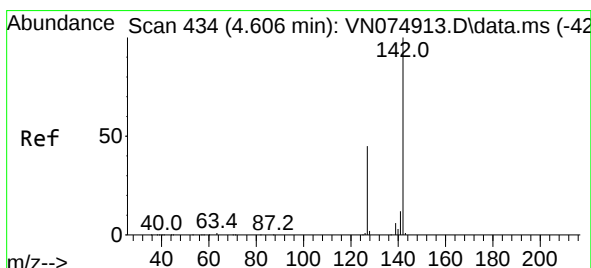
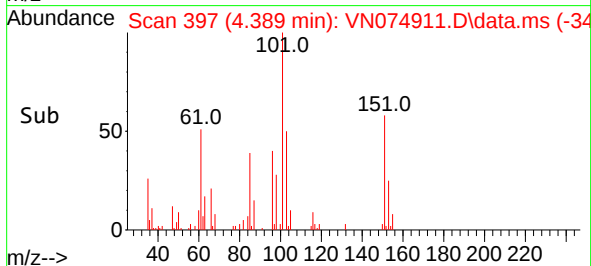
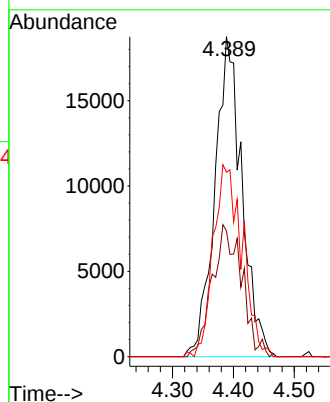
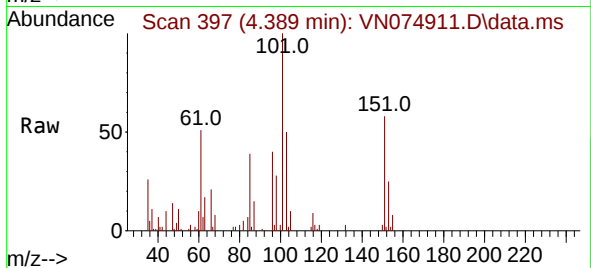
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.078 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:	101	Resp:	5766
Ion Ratio	Lower	Upper	
101	100		
85	44.4	38.6	58.0
151	64.5	53.6	80.4

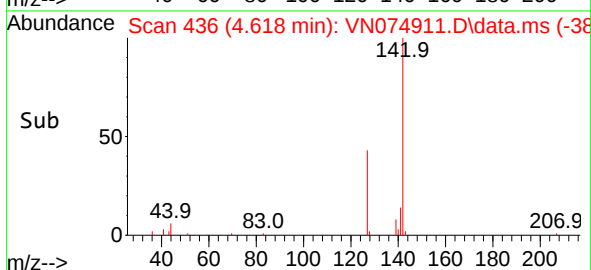
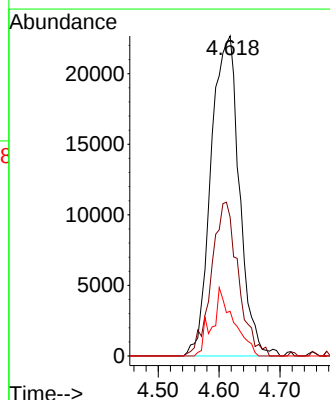
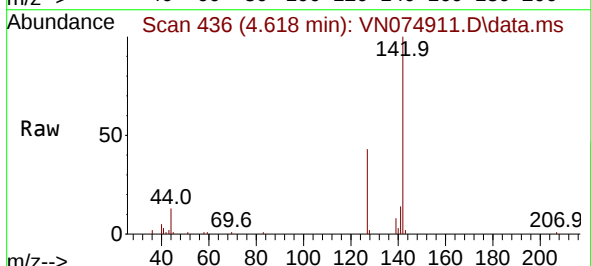
Manual Integrations
APPROVED

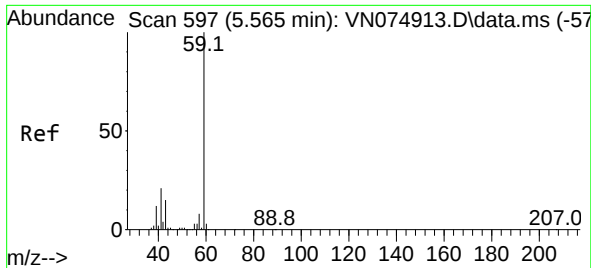
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 11.547 ug/l
RT: 4.618 min Scan# 436
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion:	142	Resp:	73153
Ion Ratio	Lower	Upper	
142	100		
127	45.5	35.4	53.2
141	16.3	11.8	17.8





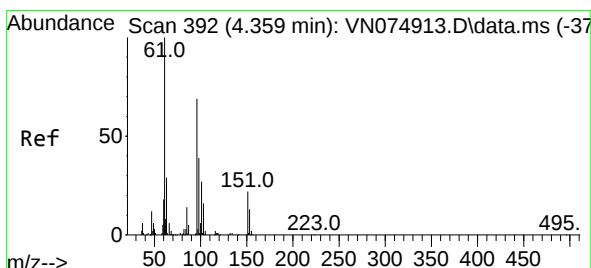
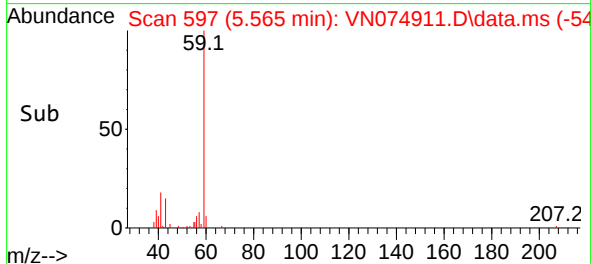
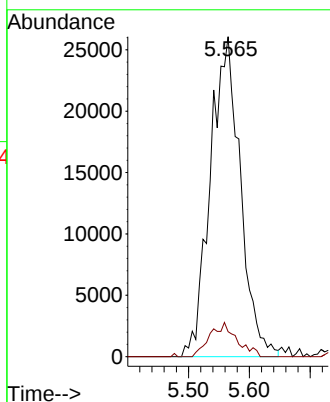
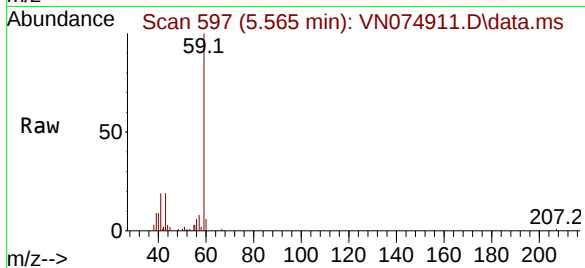
#11
Tert butyl alcohol
Concen: 48.299 ug/l
RT: 5.565 min Scan# 597
Delta R.T. 0.012 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 8947
Ion Ratio Lower Upper
59 100
57 9.5 7.3 10.9

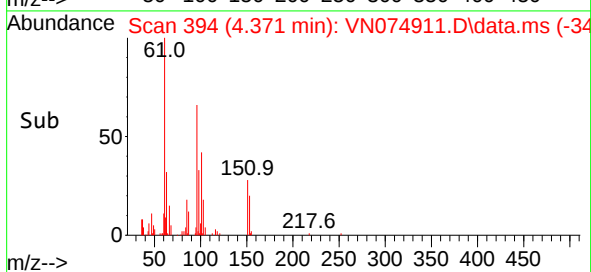
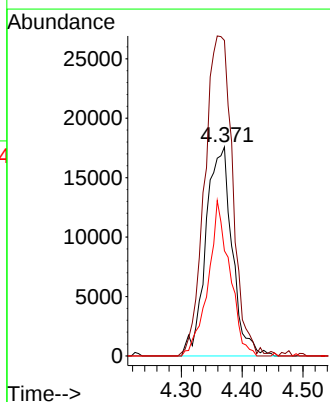
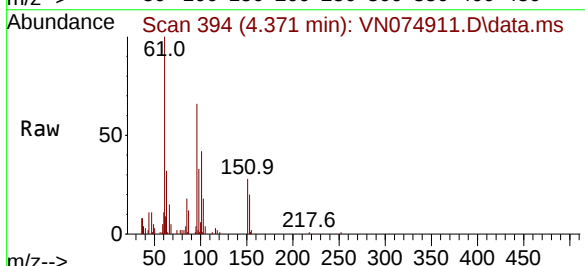
Manual Integrations
APPROVED

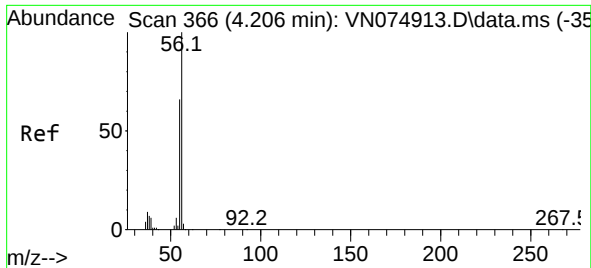
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#12
1,1-Dichloroethene
Concen: 9.851 ug/l
RT: 4.371 min Scan# 394
Delta R.T. 0.018 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

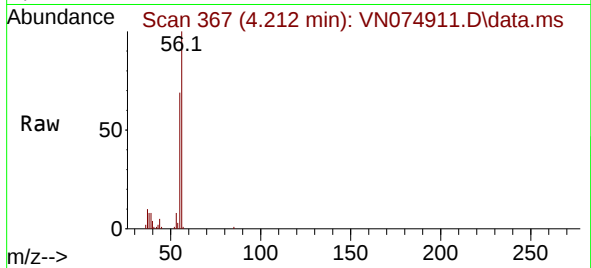
Tgt Ion: 96 Resp: 52764
Ion Ratio Lower Upper
96 100
61 151.0 127.2 190.8
98 50.3 46.2 69.4





#13
Acrolein
Concen: 44.712 ug/l
RT: 4.212 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

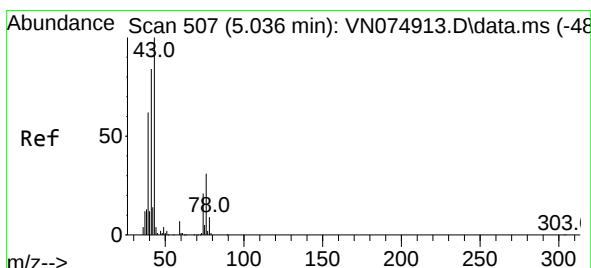
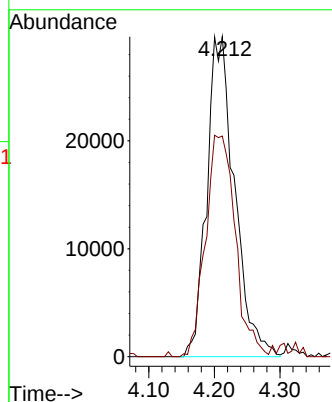
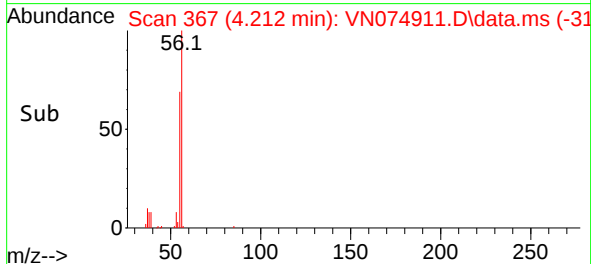
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 8764
Ion Ratio Lower Upper
56 100
55 73.8 57.0 85.6

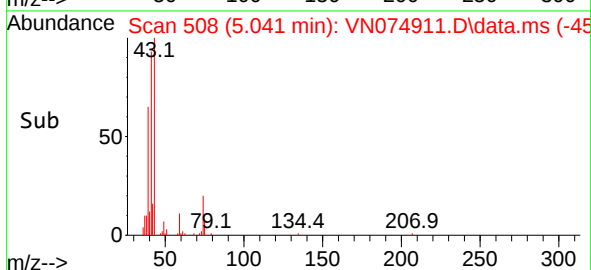
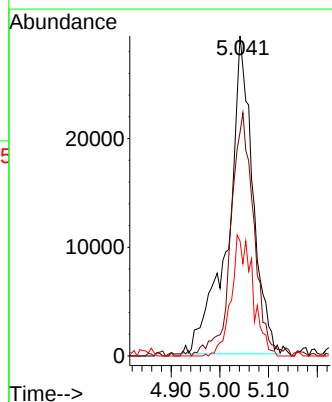
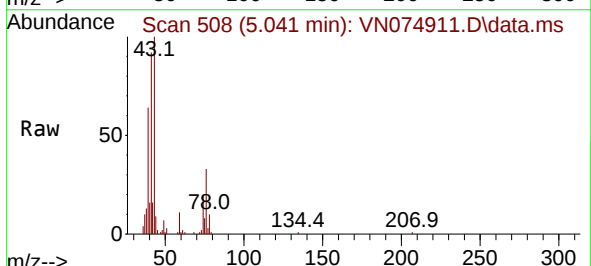
Manual Integrations
APPROVED

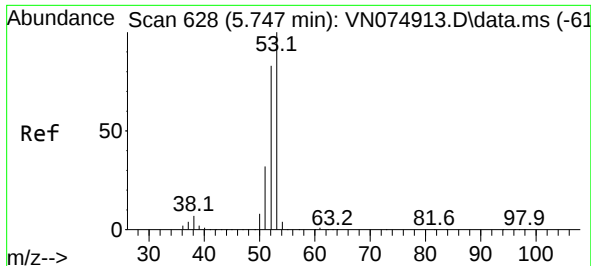
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 9.749 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

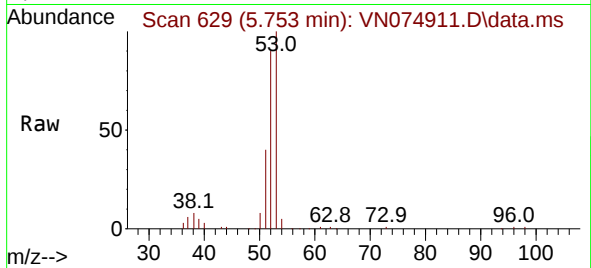
Tgt Ion: 41 Resp: 103077
Ion Ratio Lower Upper
41 100
39 71.6 66.1 99.1
76 33.4 30.9 46.3





#15
Acrylonitrile
Concen: 50.728 ug/l
RT: 5.753 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

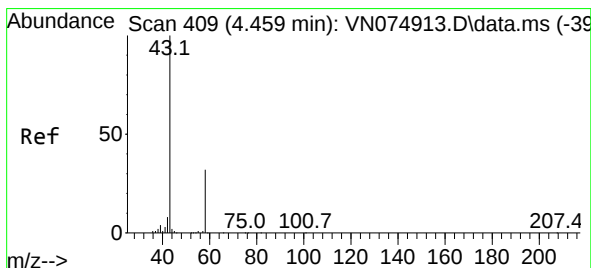
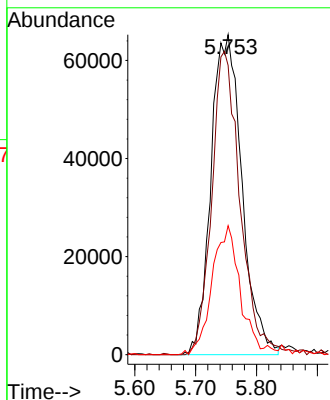
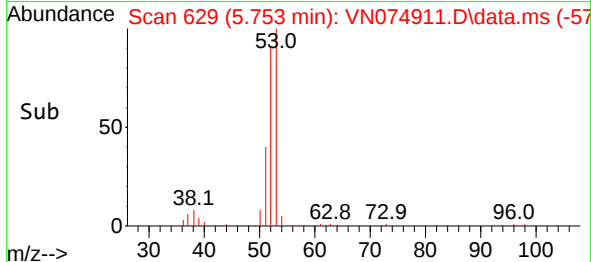
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



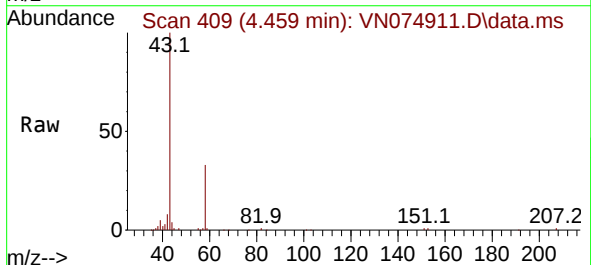
Tgt Ion: 53 Resp: 229989
Ion Ratio Lower Upper
53 100
52 87.2 66.2 99.4
51 36.3 27.6 41.4

Manual Integrations
APPROVED

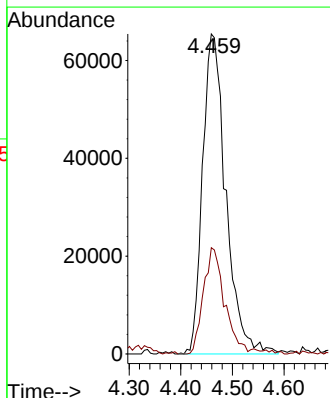
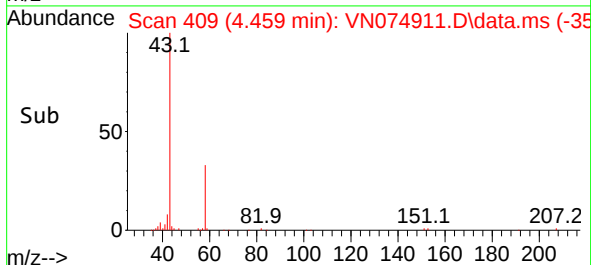
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

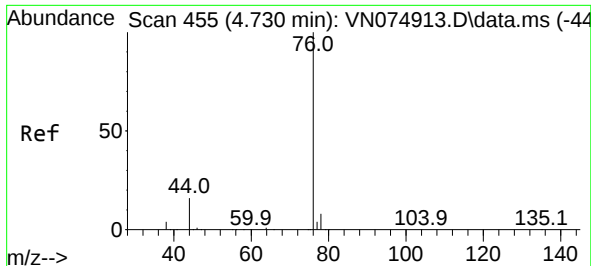


#16
Acetone
Concen: 52.670 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



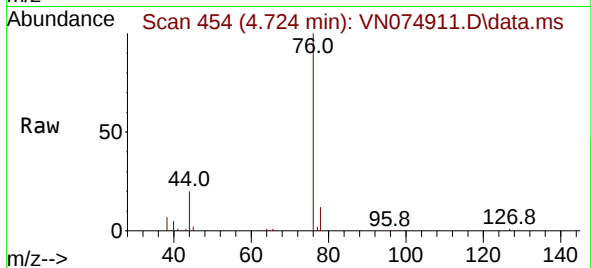
Tgt Ion: 43 Resp: 204348
Ion Ratio Lower Upper
43 100
58 33.2 25.8 38.6





#17
Carbon Disulfide
Concen: 9.216 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

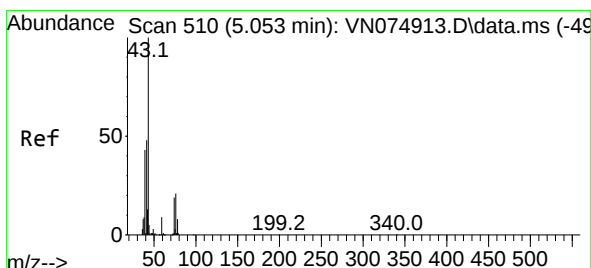
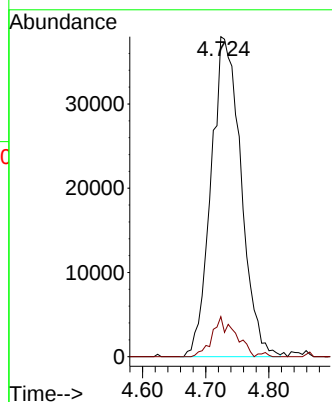
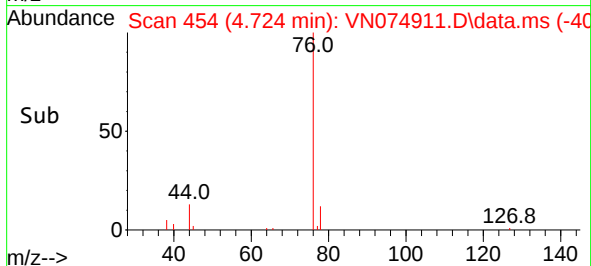
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



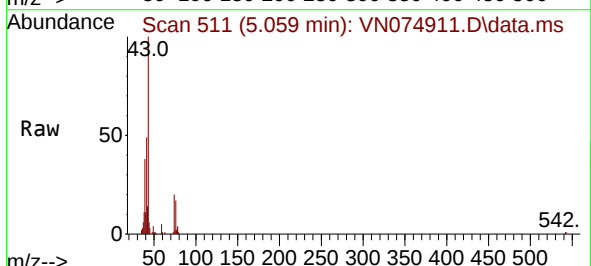
Tgt Ion: 76 Resp: 125240
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.0

Manual Integrations
APPROVED

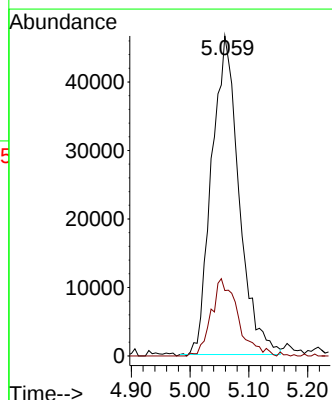
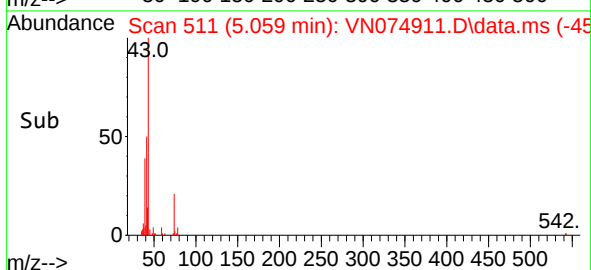
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

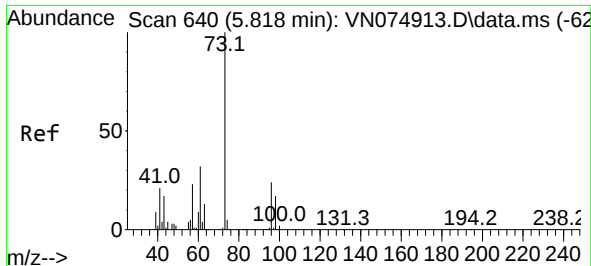


#18
Methyl Acetate
Concen: 10.853 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



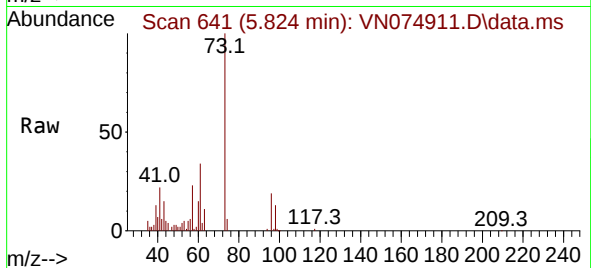
Tgt Ion: 43 Resp: 150767
Ion Ratio Lower Upper
43 100
74 23.6 18.8 28.2





#19
Methyl tert-butyl Ether
Concen: 9.506 ug/l
RT: 5.824 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

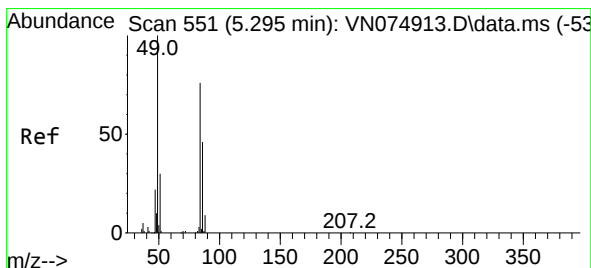
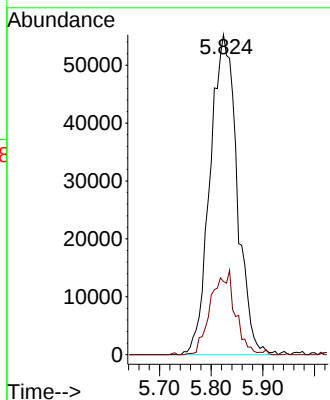
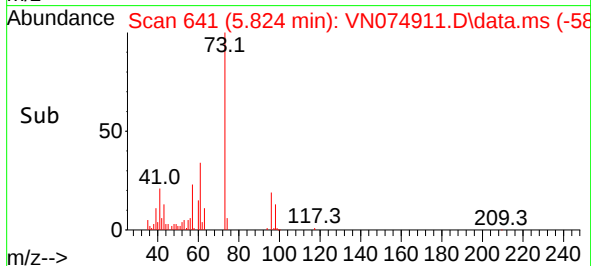
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 20101
Ion Ratio Lower Upper
73 100
57 22.8 18.7 28.1

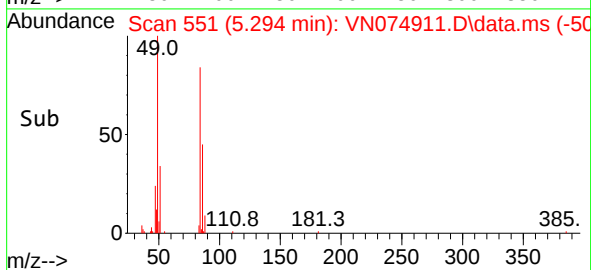
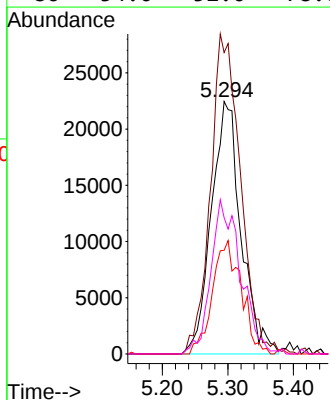
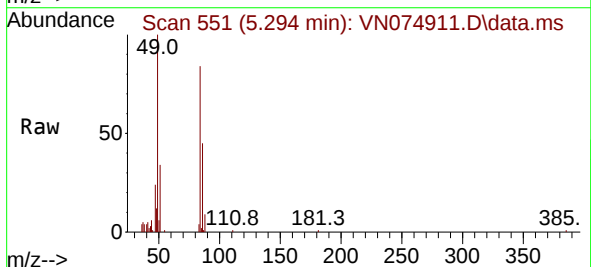
Manual Integrations
APPROVED

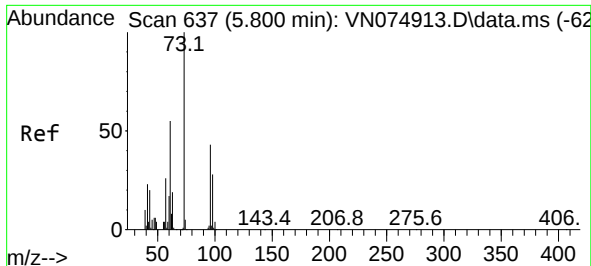
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 9.280 ug/l
RT: 5.294 min Scan# 551
Delta R.T. -0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion: 84 Resp: 70488
Ion Ratio Lower Upper
84 100
49 119.3 107.1 160.7
51 41.0 32.8 49.2
86 54.0 52.0 78.0





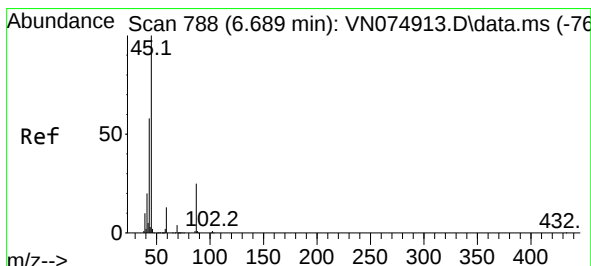
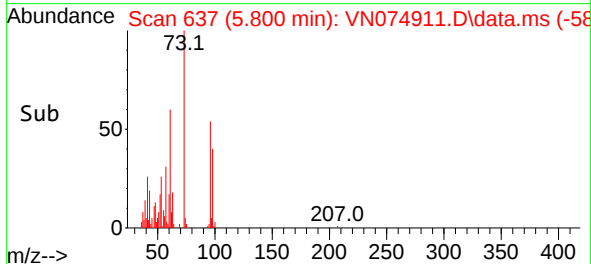
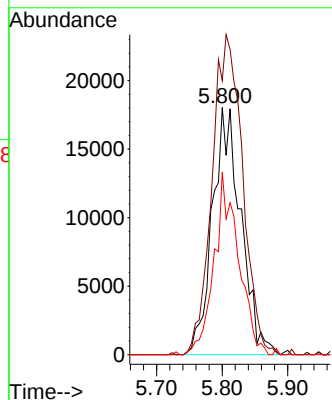
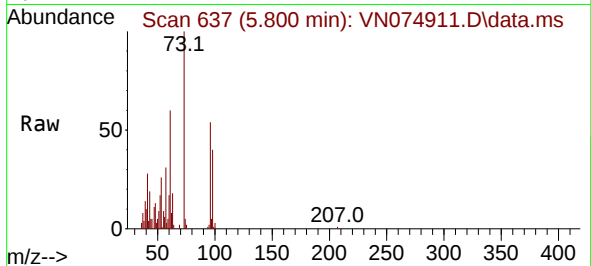
#21
trans-1,2-Dichloroethene
Concen: 9.162 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 54312
Ion Ratio Lower Upper
96 100
61 110.9 97.4 146.0
98 73.8 44.0 66.0

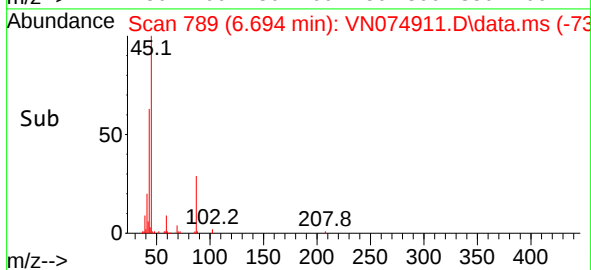
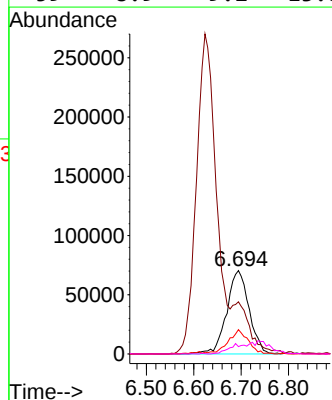
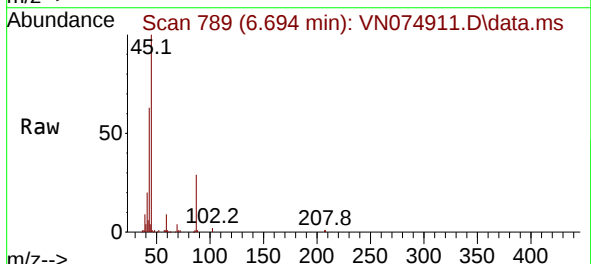
Manual Integrations
APPROVED

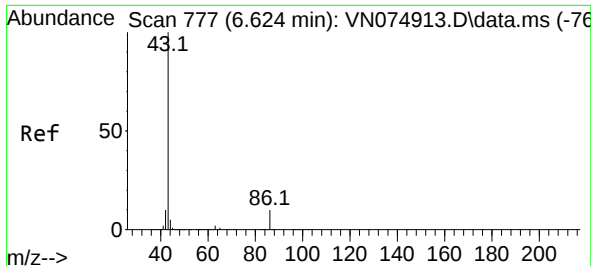
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#22
Diisopropyl ether
Concen: 9.517 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

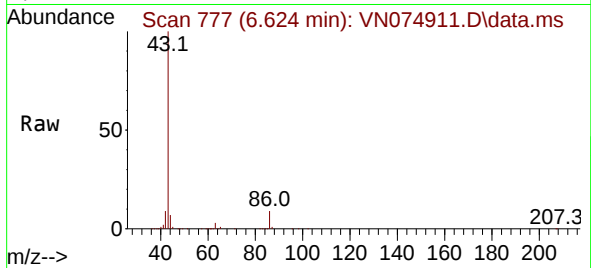
Tgt Ion: 45 Resp: 230293
Ion Ratio Lower Upper
45 100
43 58.7 43.8 65.8
87 29.0 21.3 31.9
59 8.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 44.180 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12

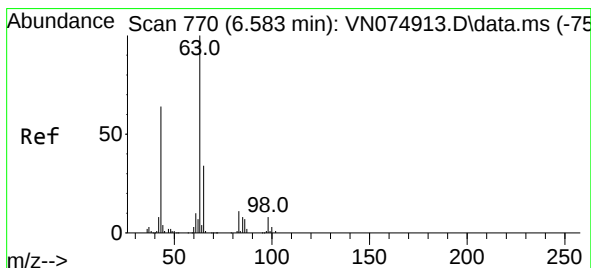
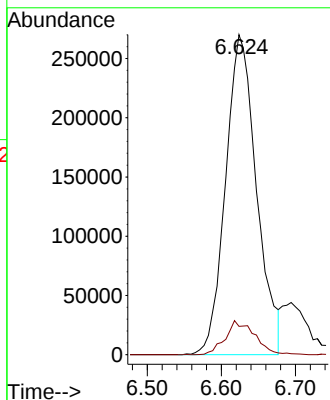
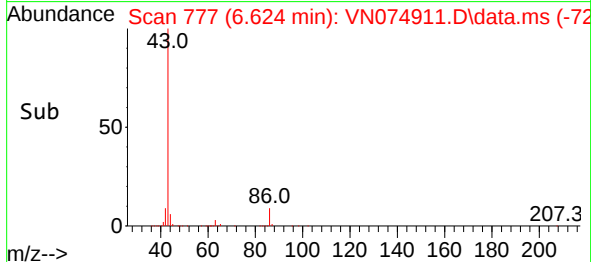
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 43 Resp: 78447
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.1 12.1

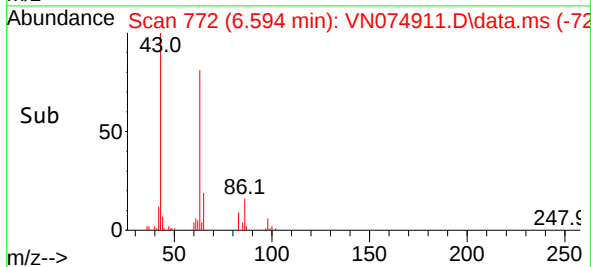
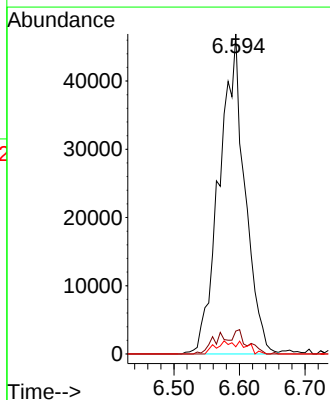
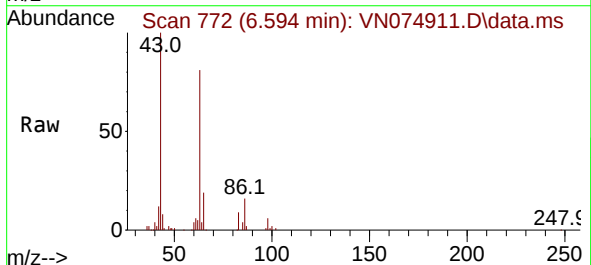
Manual Integrations
 APPROVED

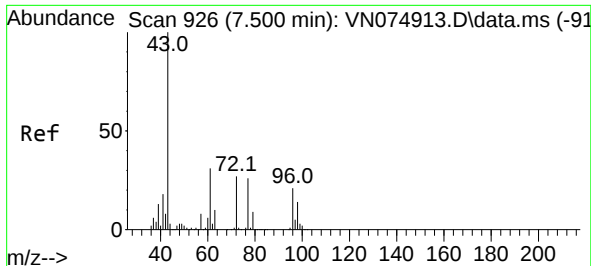
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#24
 1,1-Dichloroethane
 Concen: 9.746 ug/l
 RT: 6.594 min Scan# 772
 Delta R.T. 0.006 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12

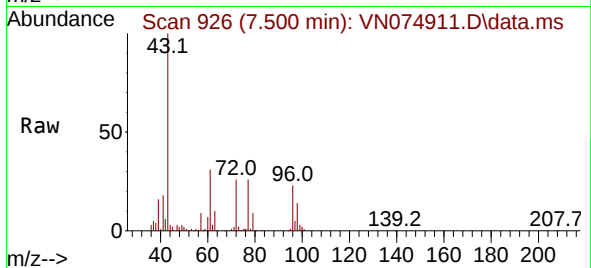
Tgt Ion: 63 Resp: 126925
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.9 8.8
 100 2.3 2.3 6.8





#25
2-Butanone
Concen: 50.085 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

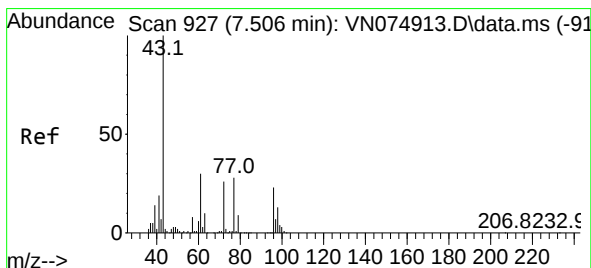
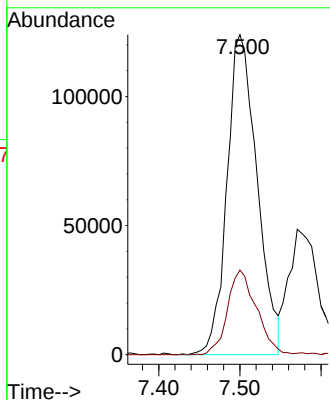
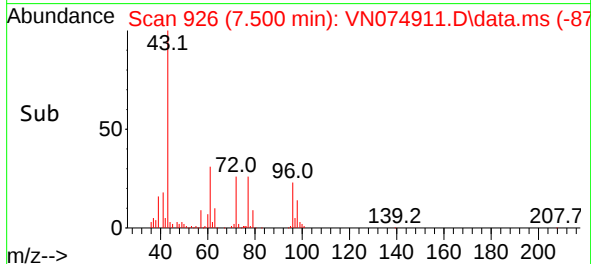
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



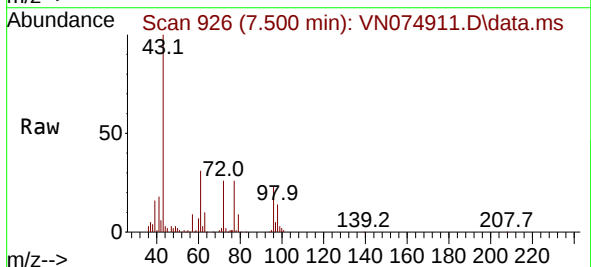
Tgt Ion: 43 Resp: 319970
Ion Ratio Lower Upper
43 100
72 26.5 20.4 30.6

Manual Integrations
APPROVED

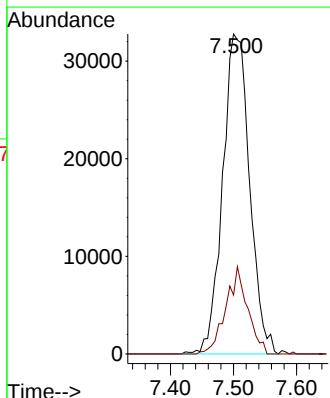
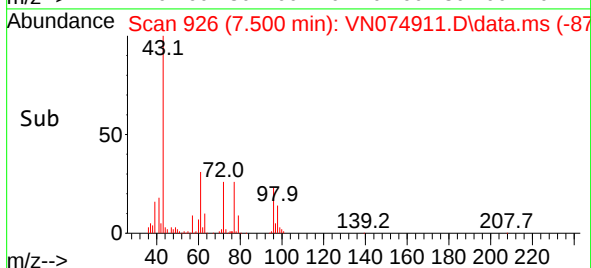
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

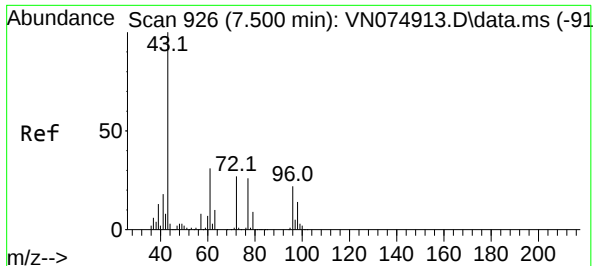


#26
2,2-Dichloropropane
Concen: 9.327 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



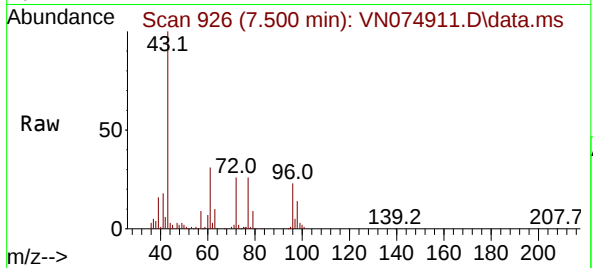
Tgt Ion: 77 Resp: 97418
Ion Ratio Lower Upper
77 100
97 22.0 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 9.869 ug/l
 RT: 7.500 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12

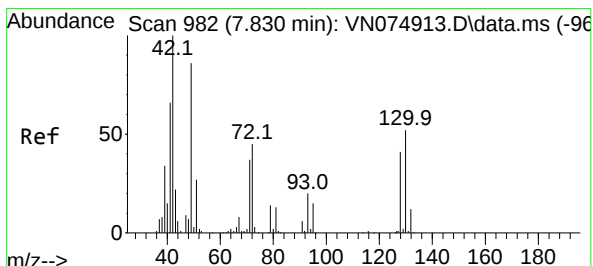
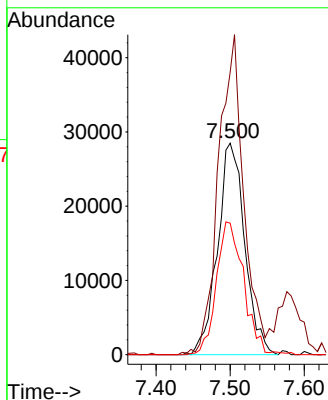
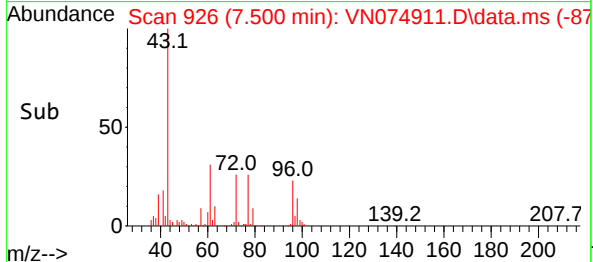
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 72674
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 303.6
 98 62.4 0.0 127.8

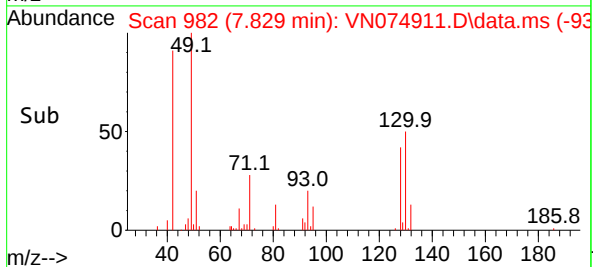
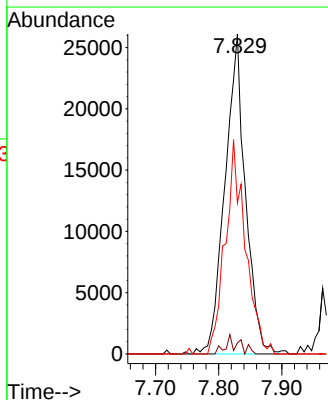
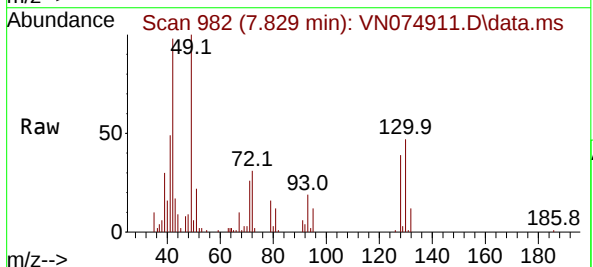
Manual Integrations
 APPROVED

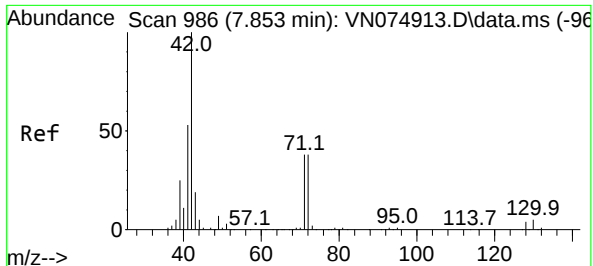
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#28
 Bromochloromethane
 Concen: 10.776 ug/l
 RT: 7.829 min Scan# 982
 Delta R.T. 0.006 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12

Tgt Ion: 49 Resp: 58937
 Ion Ratio Lower Upper
 49 100
 129 3.8 0.0 3.2#
 130 65.6 48.2 72.4





#29

Tetrahydrofuran

Concen: 49.884 ug/l

RT: 7.859 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 20922

Ion Ratio Lower Upper

42 100

72 43.5 32.4 48.6

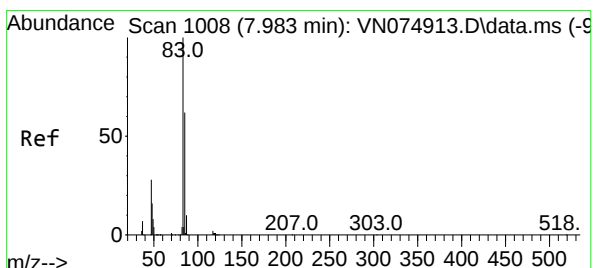
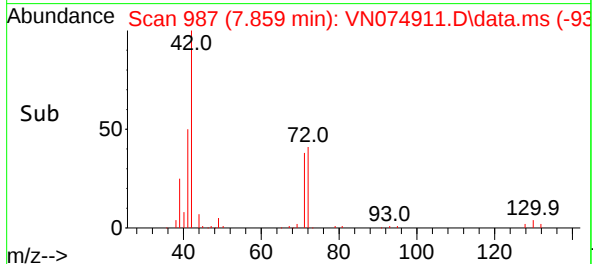
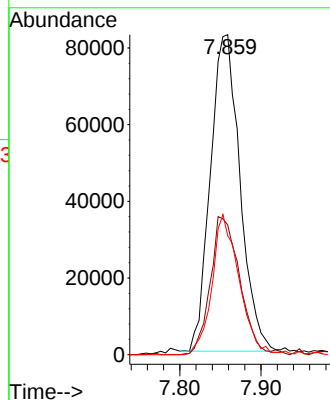
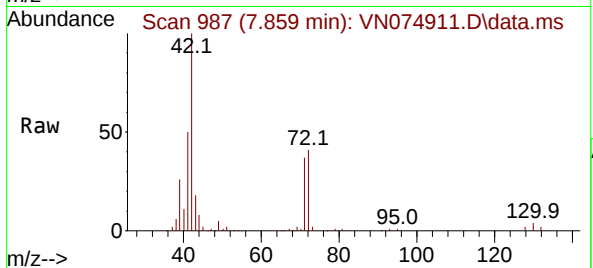
71 40.4 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 9.890 ug/l

RT: 7.982 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VN074911.D

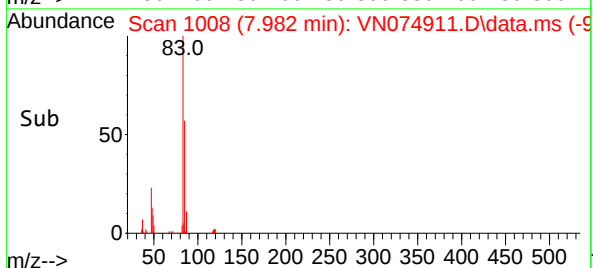
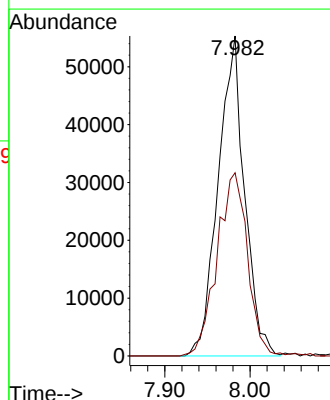
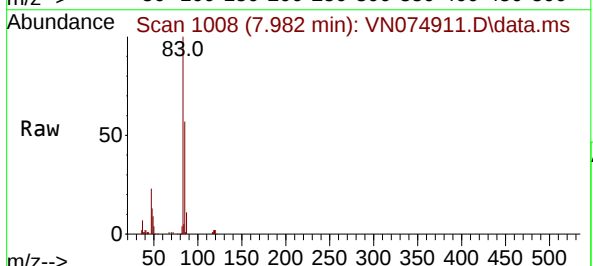
Acq: 17 Oct 2022 12:12

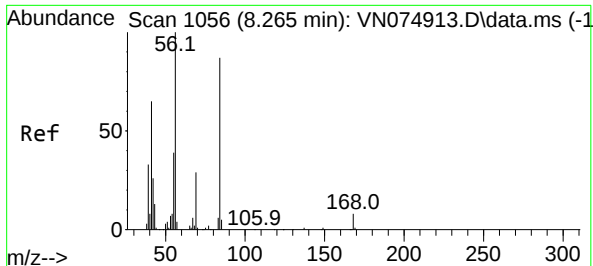
Tgt Ion: 83 Resp: 119228

Ion Ratio Lower Upper

83 100

85 57.3 55.2 82.8





#31

Cyclohexane

Concen: 9.499 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 106180

Ion Ratio Lower Upper

56 100

69 33.1 24.3 36.5

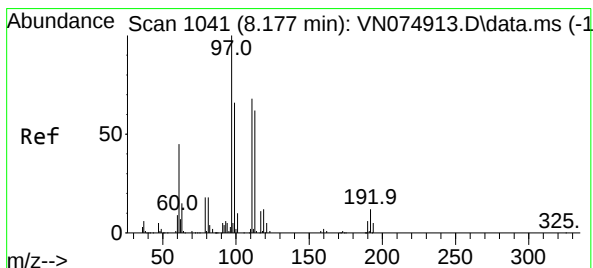
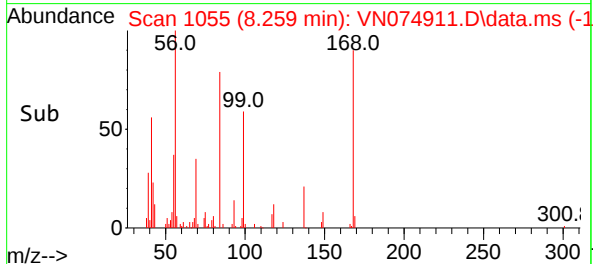
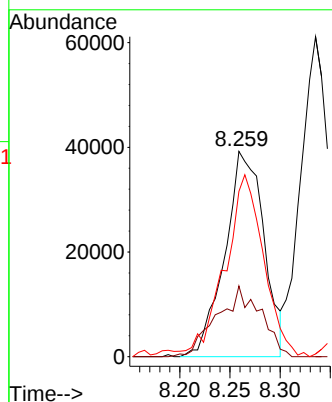
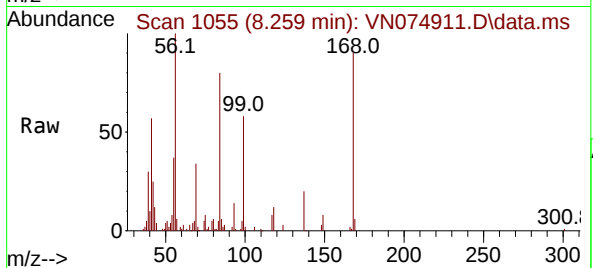
84 77.9 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#32

1,1,1-Trichloroethane

Concen: 9.480 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

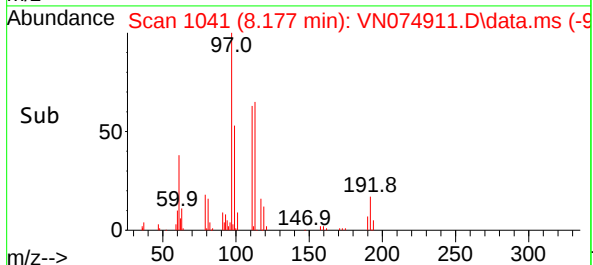
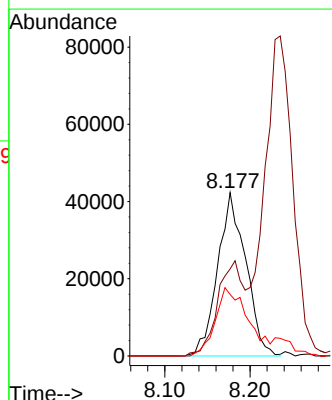
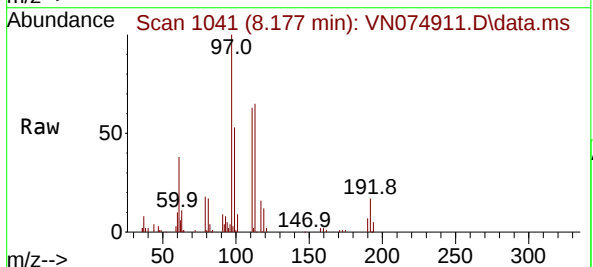
Tgt Ion: 97 Resp: 97041

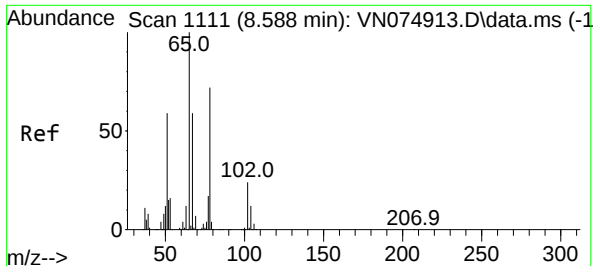
Ion Ratio Lower Upper

97 100

99 52.9 52.1 78.1

61 48.7 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 11.506 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 86610

Ion Ratio Lower Upper

65 100

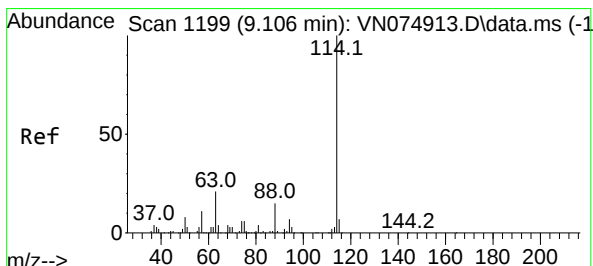
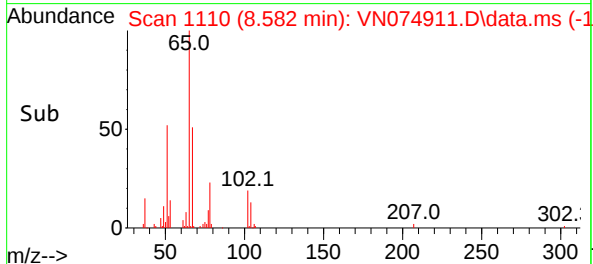
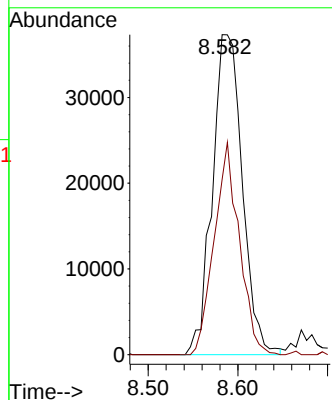
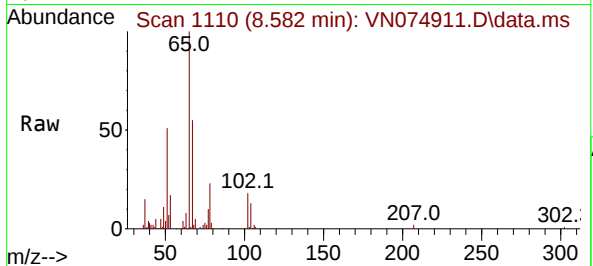
67 55.7 0.0 108.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

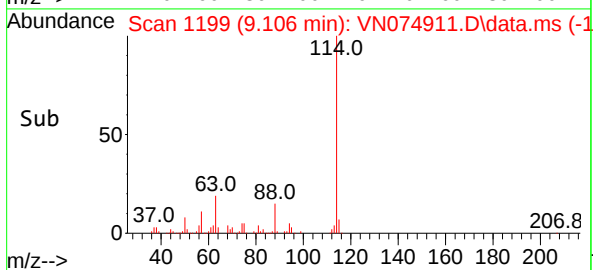
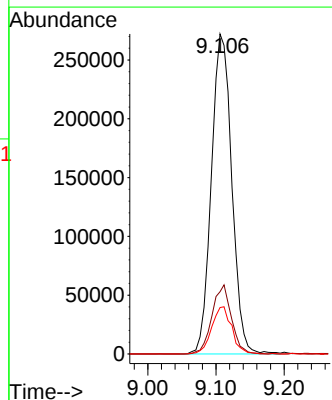
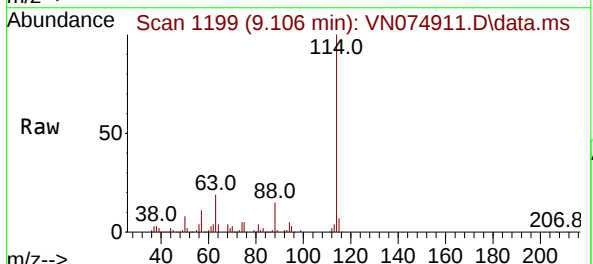
Tgt Ion:114 Resp: 567706

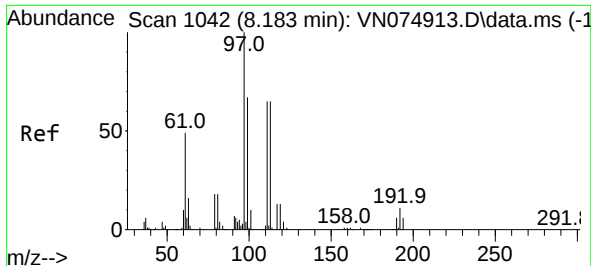
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 14.5 0.0 25.8





#35

Dibromofluoromethane

Concen: 10.897 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:113 Resp: 67198

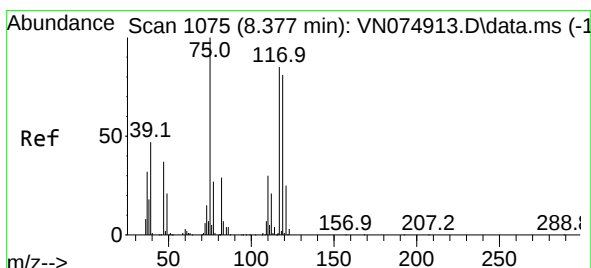
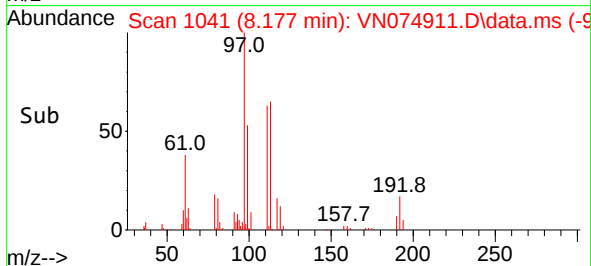
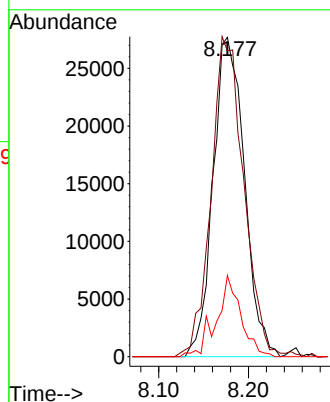
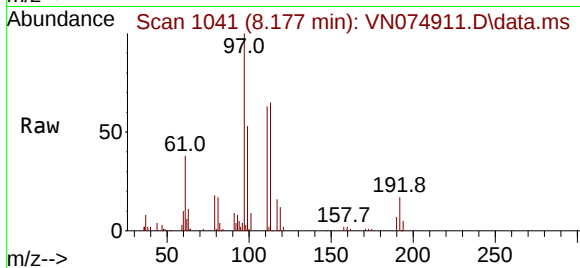
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.1	121.7
192	19.9	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#36

1,1-Dichloropropene

Concen: 8.713 ug/l

RT: 8.388 min Scan# 1077

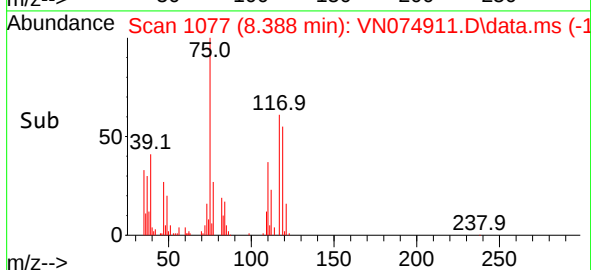
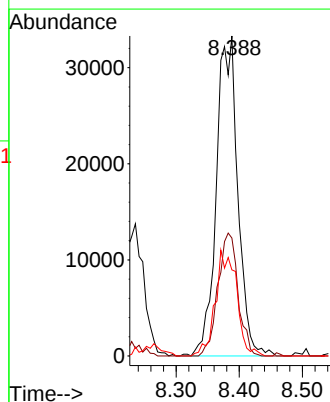
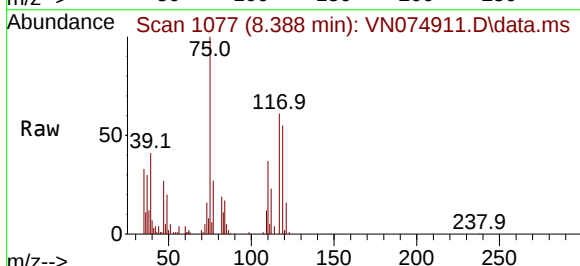
Delta R.T. 0.012 min

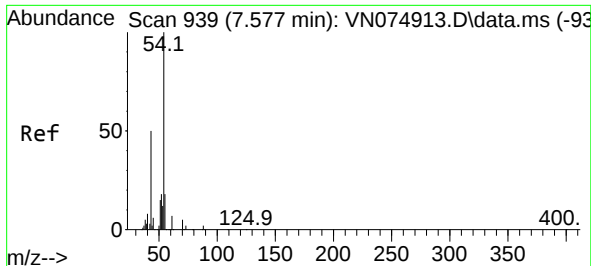
Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Tgt Ion: 75 Resp: 78758

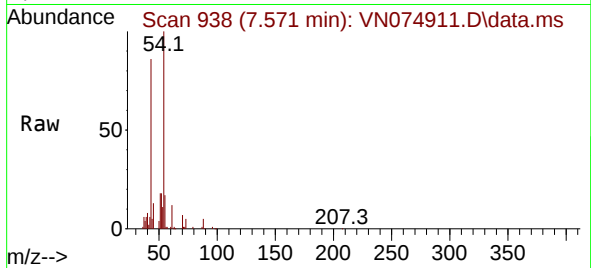
Ion	Ratio	Lower	Upper
75	100		
110	36.1	16.3	48.8
77	32.6	24.8	37.2





#37
Ethyl Acetate
Concen: 8.992 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

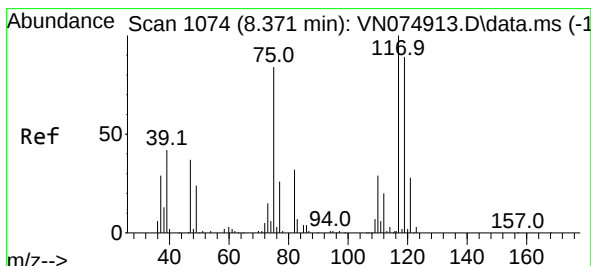
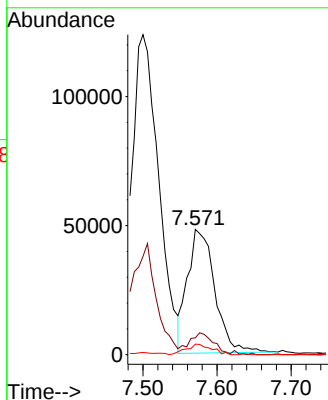
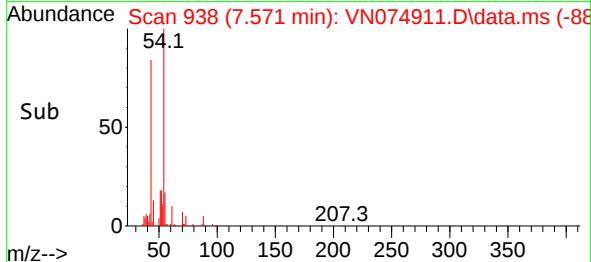
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 123088
Ion Ratio Lower Upper
43 100
61 14.4 10.5 15.7
70 7.8 6.4 9.6

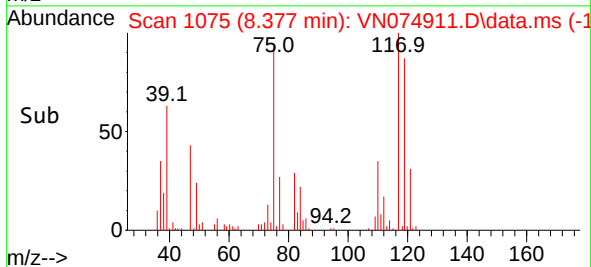
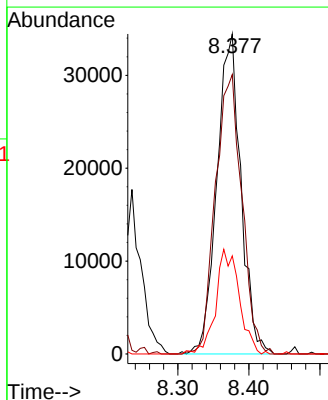
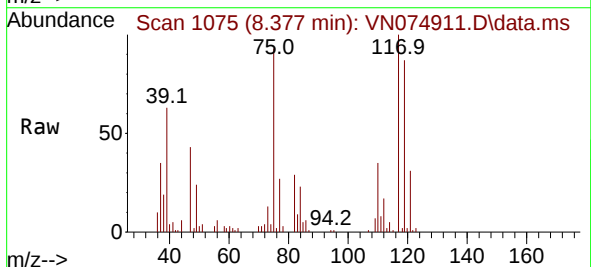
Manual Integrations
APPROVED

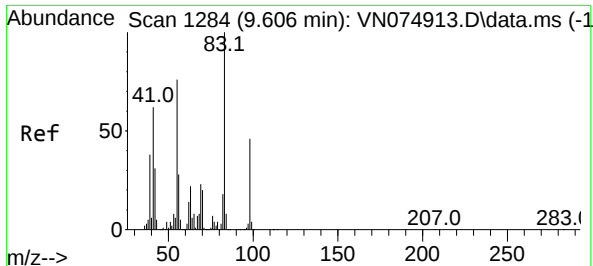
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#38
Carbon Tetrachloride
Concen: 9.439 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion:117 Resp: 80649
Ion Ratio Lower Upper
117 100
119 87.3 75.8 113.8
121 30.7 23.8 35.6





#39

Methylcyclohexane

Concen: 8.628 ug/l

RT: 9.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

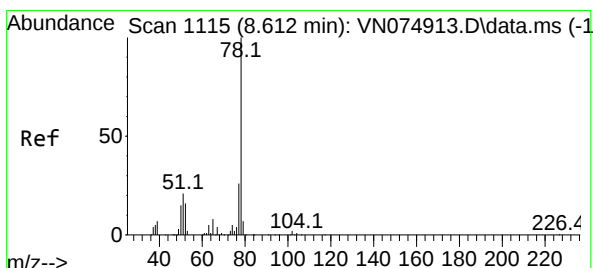
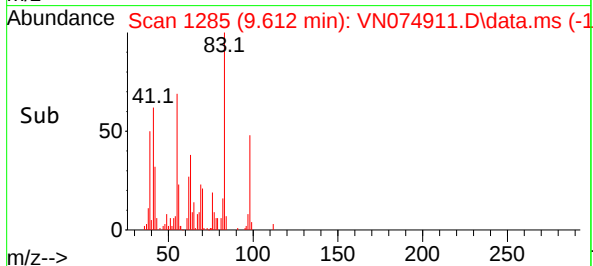
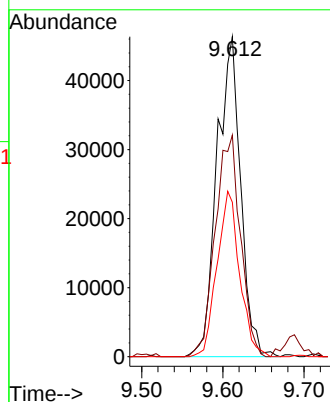
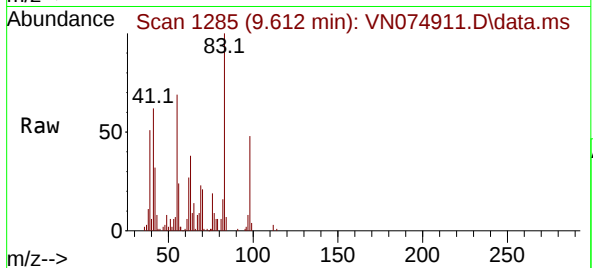
Tgt Ion:	83	Resp:	94040
Ion	Ratio	Lower	Upper
83	100		
55	69.2	58.2	87.2
98	48.3	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#40

Benzene

Concen: 9.258 ug/l

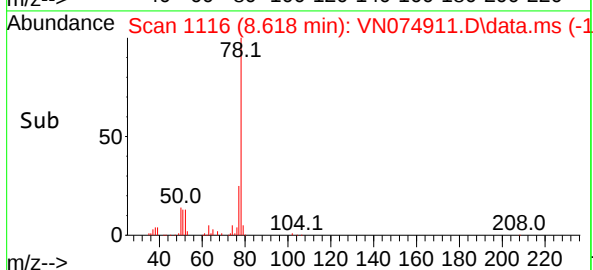
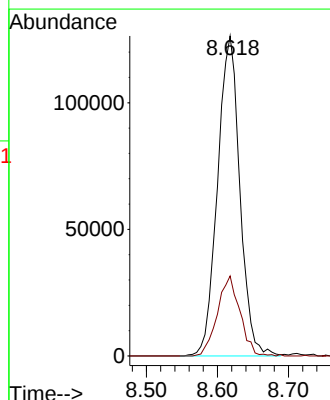
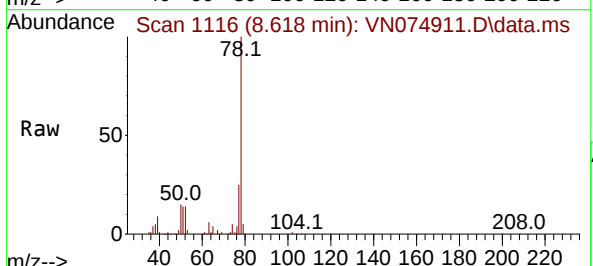
RT: 8.618 min Scan# 1116

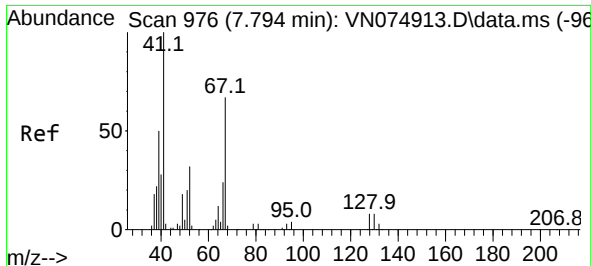
Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

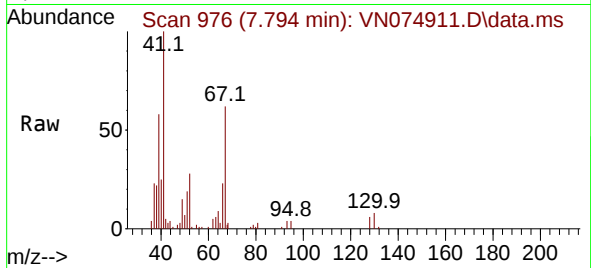
Tgt Ion:	78	Resp:	275255
Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.4	29.0





#41
Methacrylonitrile
Concen: 9.870 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

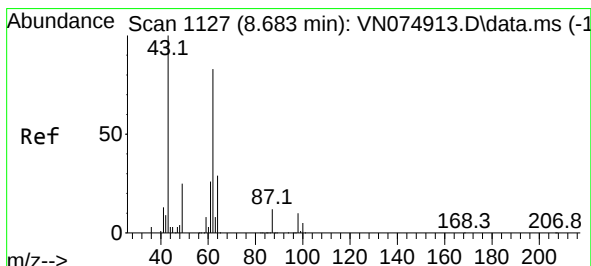
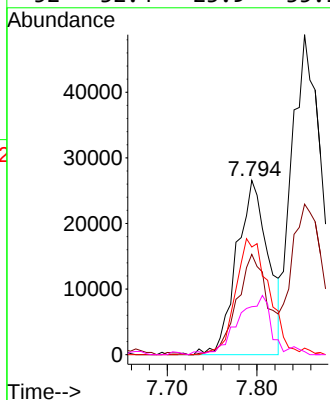
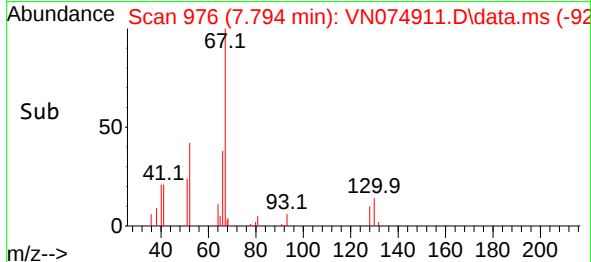
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



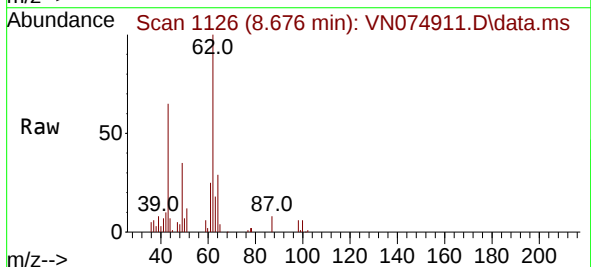
Tgt Ion: 41 Resp: 65200
Ion Ratio Lower Upper
41 100
39 55.8 43.4 65.0
67 69.7 58.0 87.0
52 32.4 23.9 35.9

Manual Integrations
APPROVED

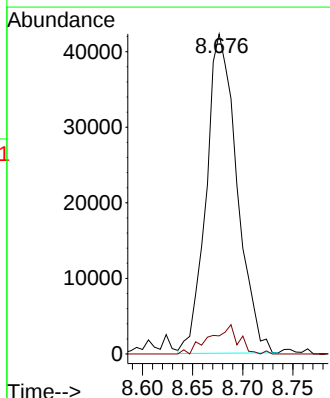
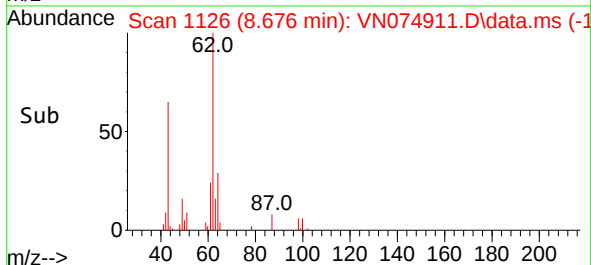
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

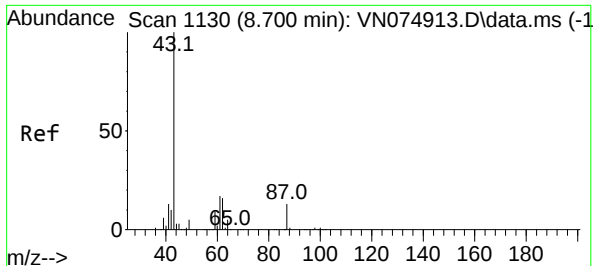


#42
1,2-Dichloroethane
Concen: 9.307 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



Tgt Ion: 62 Resp: 90393
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.4





#43

Isopropyl Acetate

Concen: 9.698 ug/l

RT: 8.700 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 20030

Ion Ratio Lower Upper

43 100

61 23.0 19.2 28.8

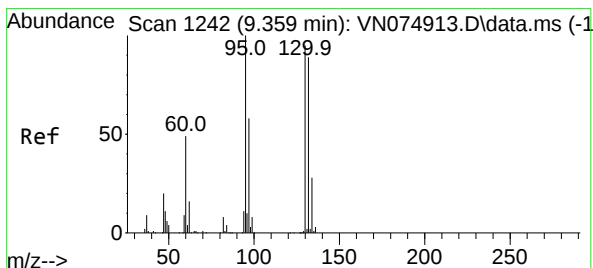
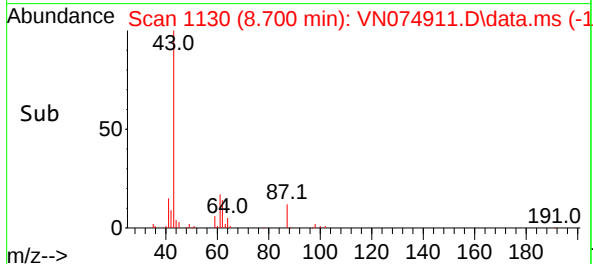
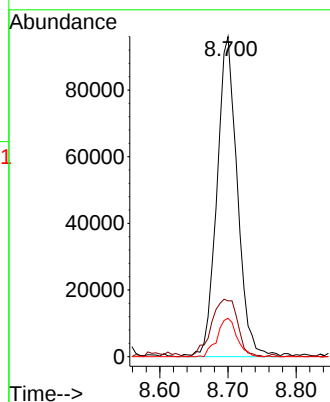
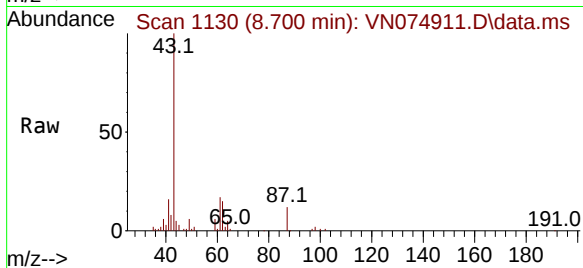
87 11.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#44

Trichloroethene

Concen: 9.228 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VN074911.D

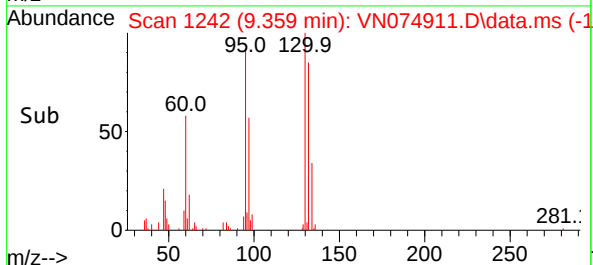
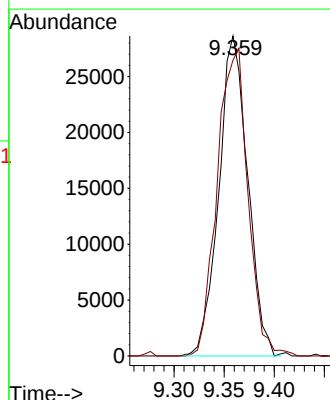
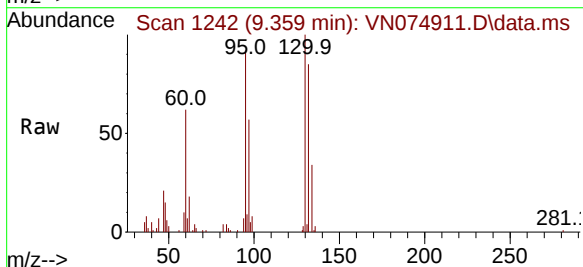
Acq: 17 Oct 2022 12:12

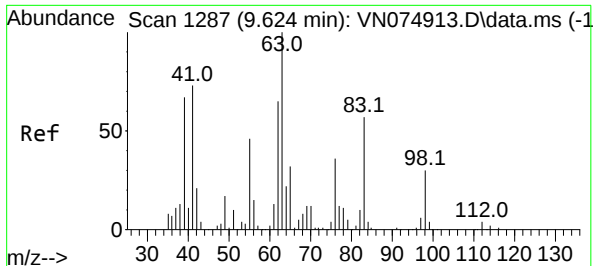
Tgt Ion:130 Resp: 57418

Ion Ratio Lower Upper

130 100

95 92.4 0.0 189.2





#45

1,2-Dichloropropane

Concen: 9.598 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 7681

Ion Ratio Lower Upper

63 100

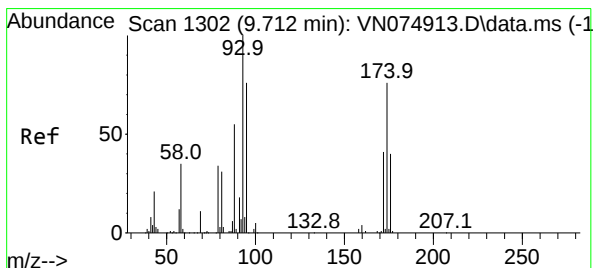
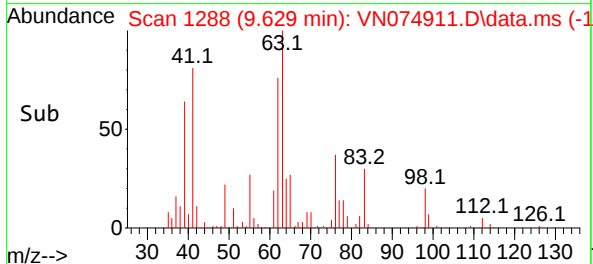
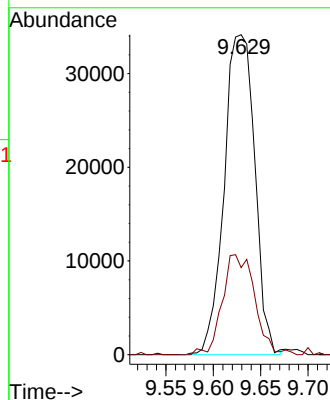
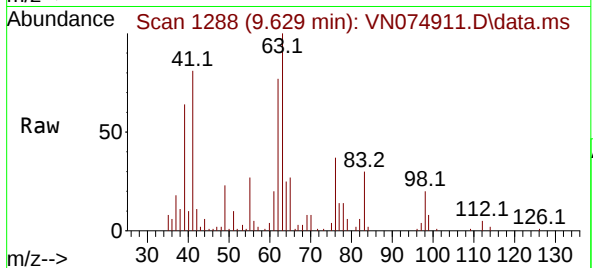
65 27.2 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#46

Dibromomethane

Concen: 9.213 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

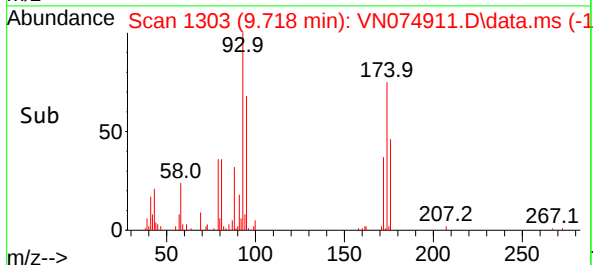
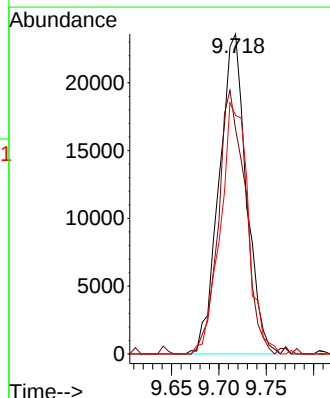
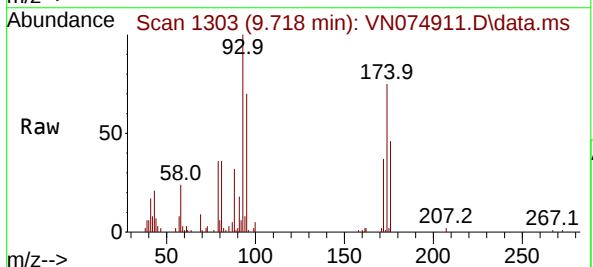
Tgt Ion: 93 Resp: 47209

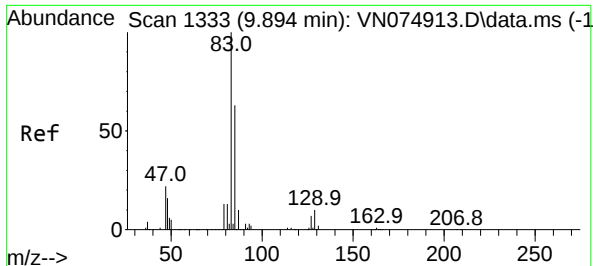
Ion Ratio Lower Upper

93 100

95 81.1 67.4 101.2

174 80.3 67.8 101.8





#47

Bromodichloromethane

Concen: 9.494 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

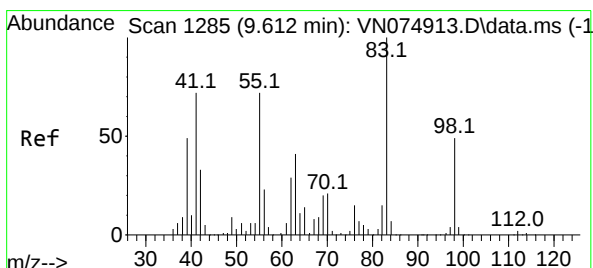
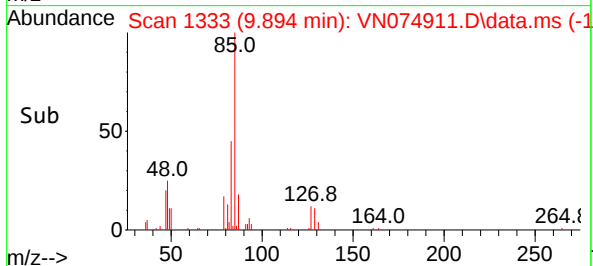
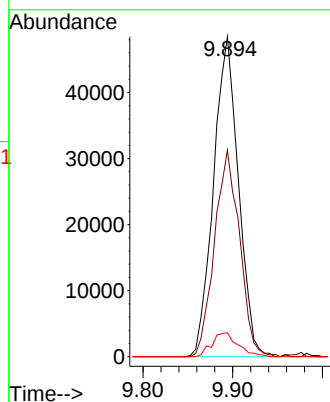
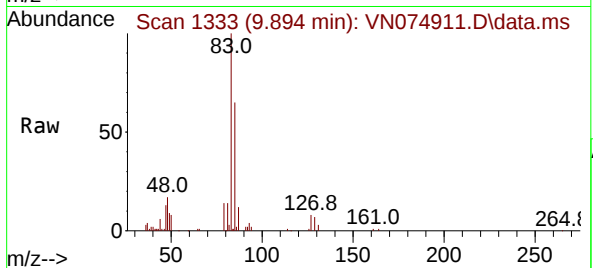
Tgt Ion:	83	Resp:	9334
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.4
127	7.5	6.4	9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#48

Methyl methacrylate

Concen: 9.191 ug/l

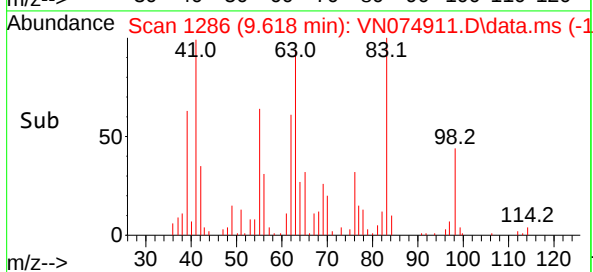
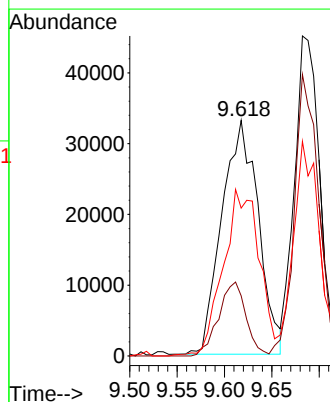
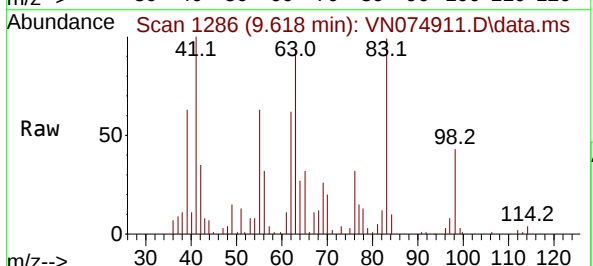
RT: 9.618 min Scan# 1286

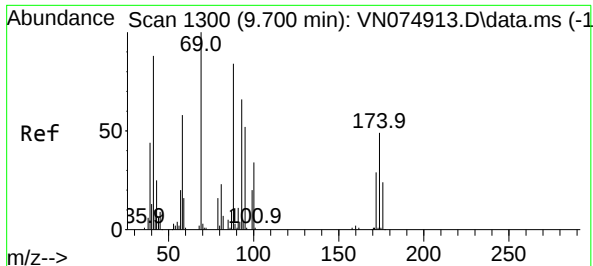
Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Tgt Ion:	41	Resp:	88412
Ion	Ratio	Lower	Upper
41	100		
69	23.8	0.0	0.0#
39	70.1	58.9	88.3





#49

1,4-Dioxane

Concen: 210.391 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

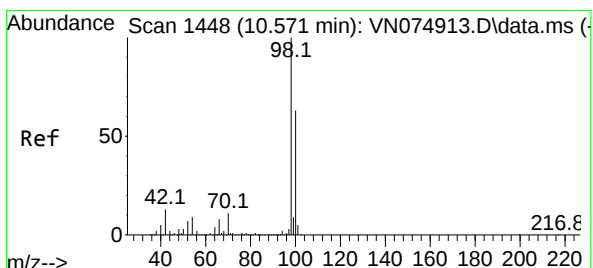
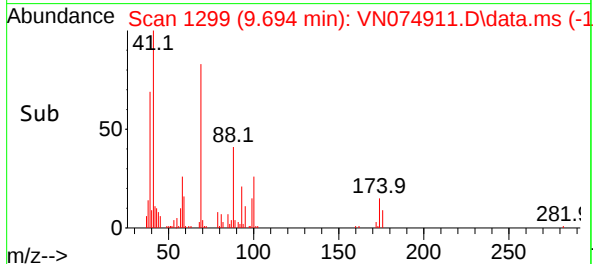
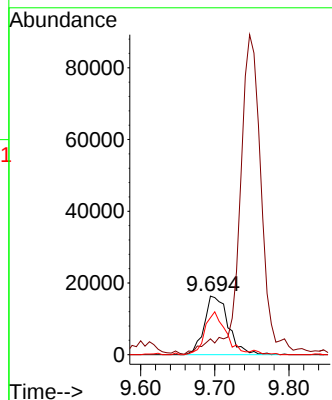
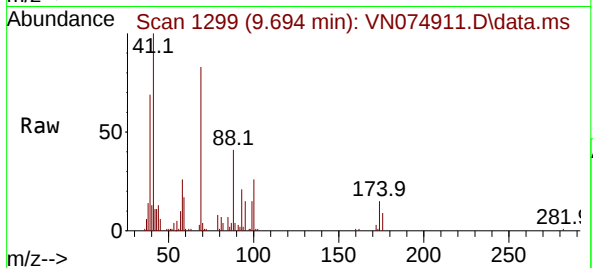
Tgt Ion:	88	Resp:	3687
Ion Ratio	Lower	Upper	
88	100		
43	0.0	24.5	36.7
58	63.0	57.0	85.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 10.660 ug/l

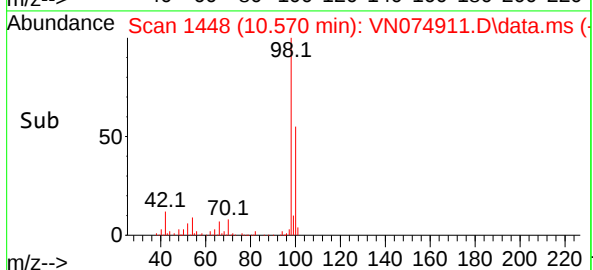
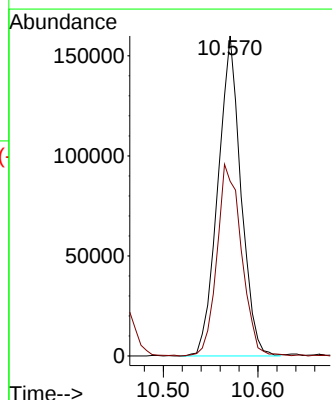
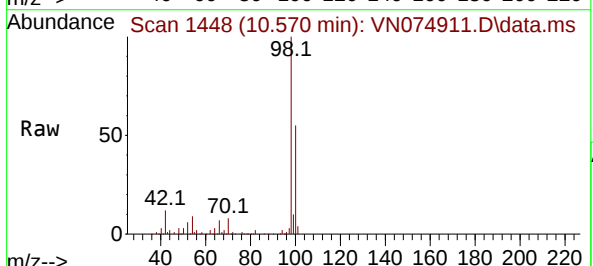
RT: 10.570 min Scan# 1448

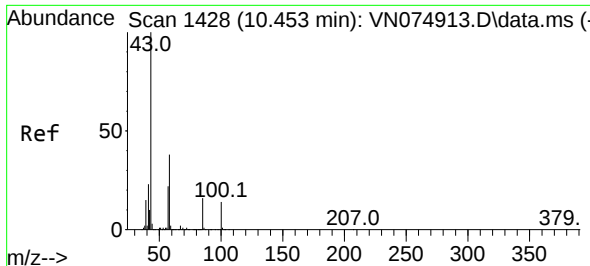
Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

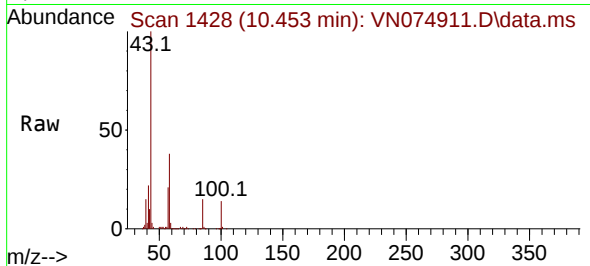
Tgt Ion:	98	Resp:	271179
Ion Ratio	Lower	Upper	
98	100		
100	63.4	49.8	74.6





#51
4-Methyl-2-Pentanone
Concen: 48.190 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

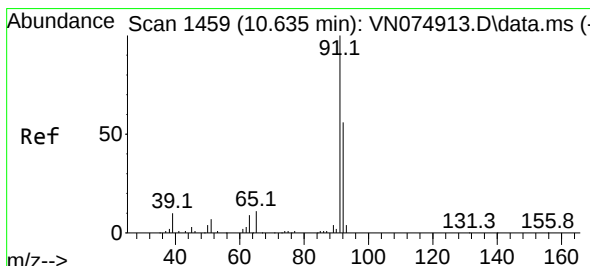
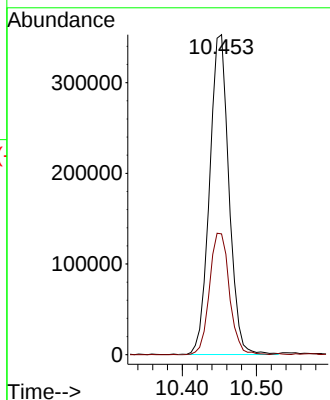
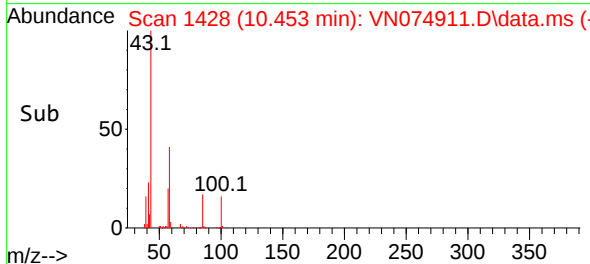
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 640030
Ion Ratio Lower Upper
43 100
58 39.0 30.1 45.1

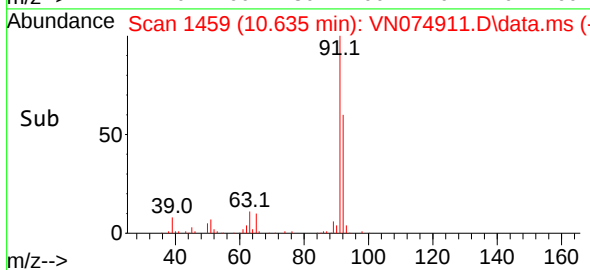
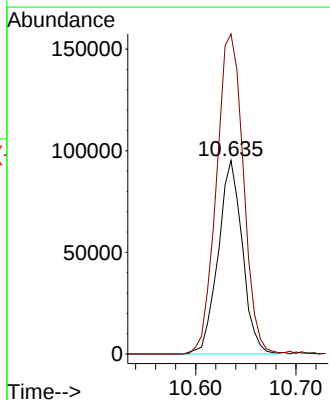
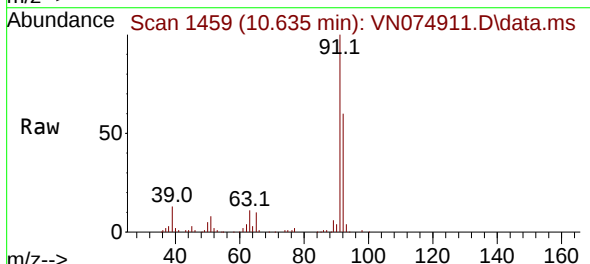
Manual Integrations
APPROVED

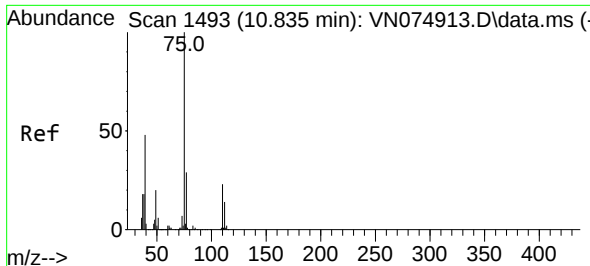
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 8.962 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

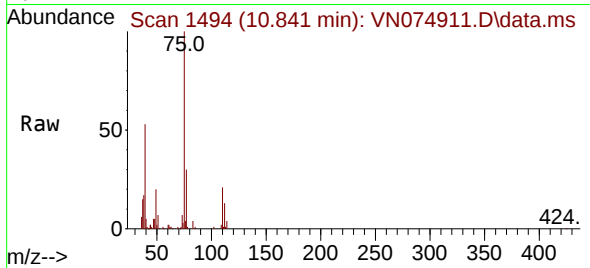
Tgt Ion: 92 Resp: 159605
Ion Ratio Lower Upper
92 100
91 184.3 140.0 210.0





#53
t-1,3-Dichloropropene
Concen: 8.773 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

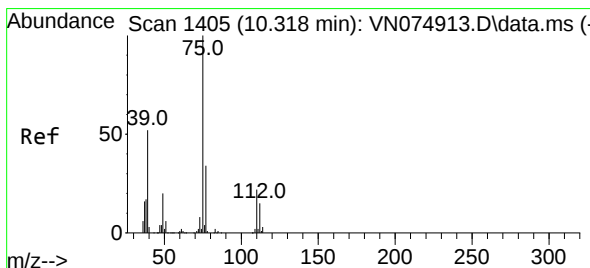
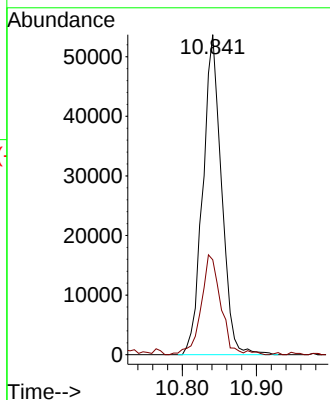
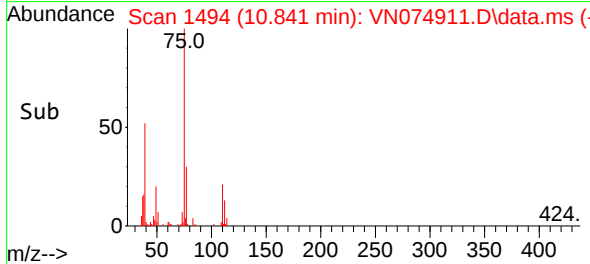
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 94274
Ion Ratio Lower Upper
75 100
77 29.2 24.4 36.6

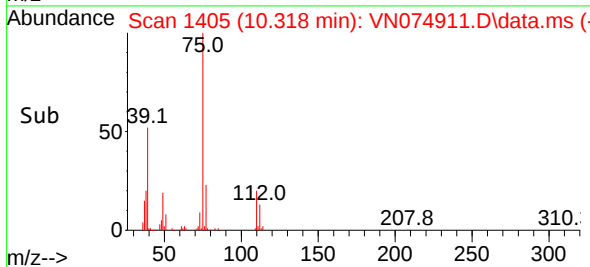
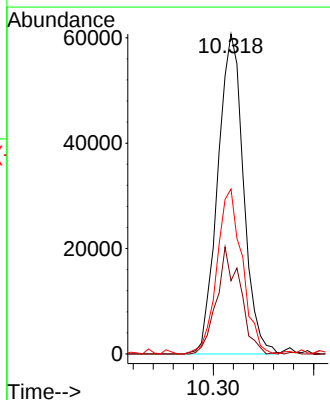
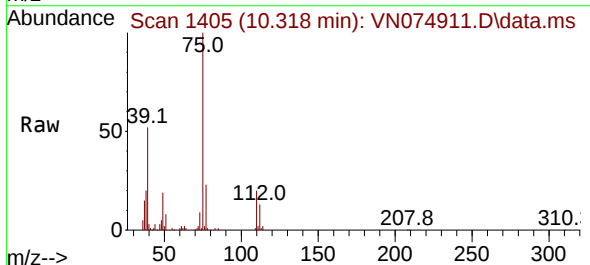
Manual Integrations
APPROVED

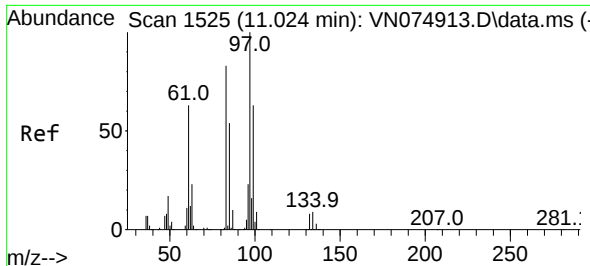
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#54
cis-1,3-Dichloropropene
Concen: 9.434 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

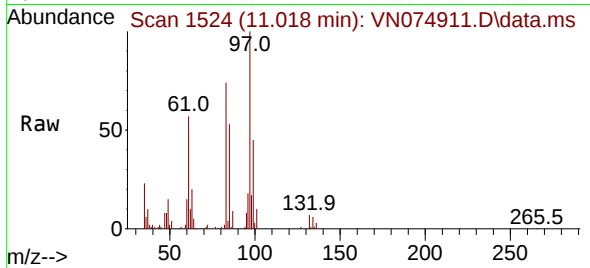
Tgt Ion: 75 Resp: 108080
Ion Ratio Lower Upper
75 100
77 22.9 27.8 41.8#
39 51.6 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 10.335 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

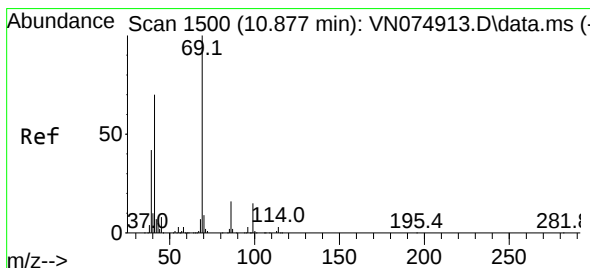
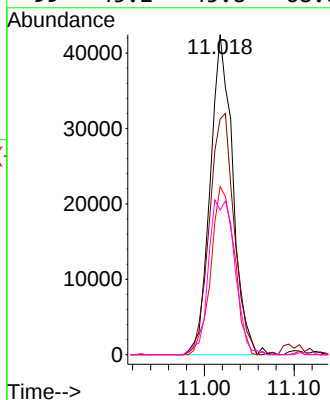
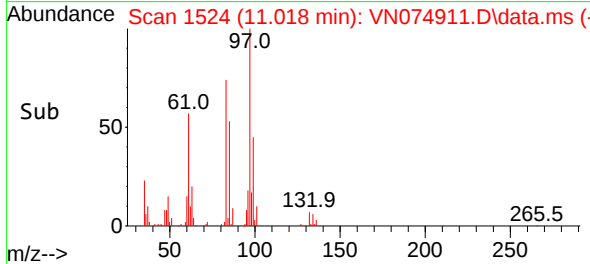
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 97 Resp: 73920
Ion Ratio Lower Upper
97 100
83 73.6 68.7 103.1
85 52.5 45.9 68.9
99 45.2 45.8 68.6#

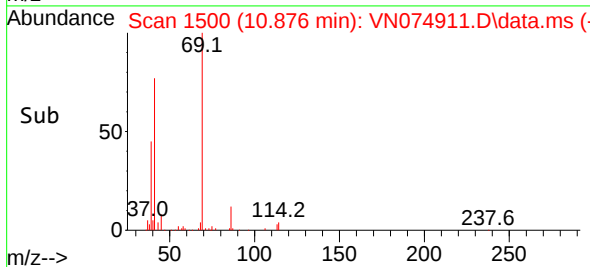
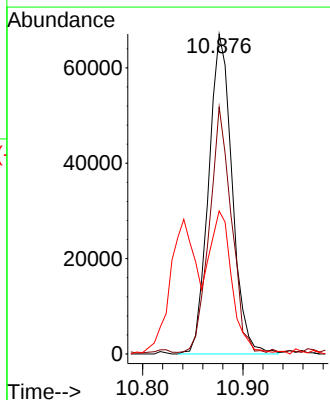
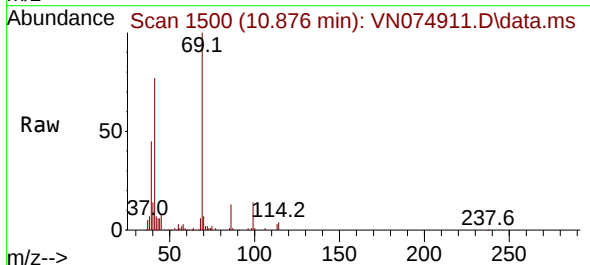
Manual Integrations
APPROVED

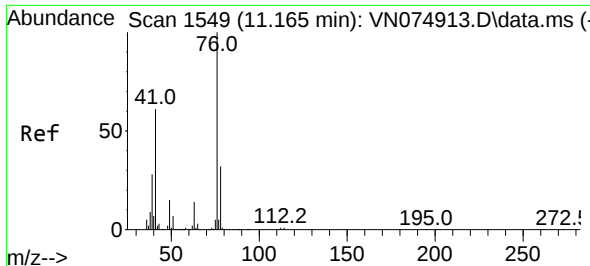
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#56
Ethyl methacrylate
Concen: 9.562 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion: 69 Resp: 109476
Ion Ratio Lower Upper
69 100
41 71.7 57.8 86.8
39 44.1 34.9 52.3





#57

1,3-Dichloropropane

Concen: 9.733 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 126260

Ion Ratio Lower Upper

76 100

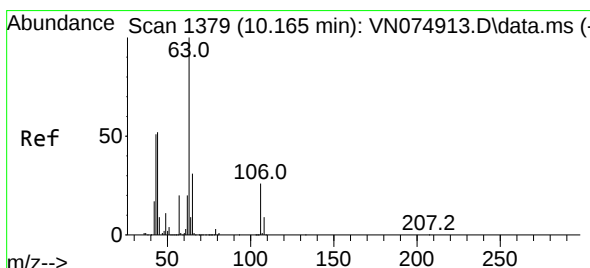
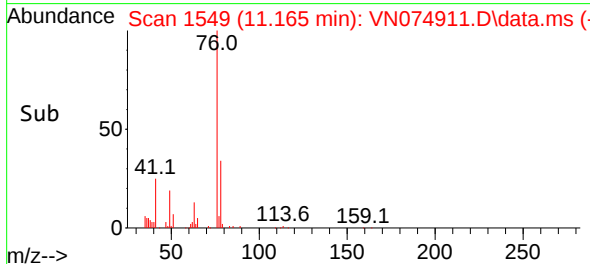
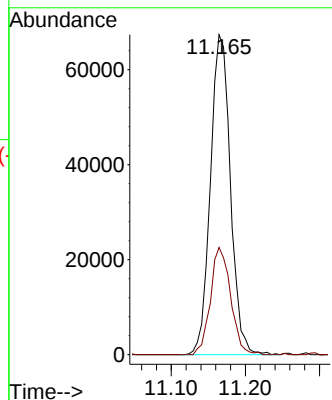
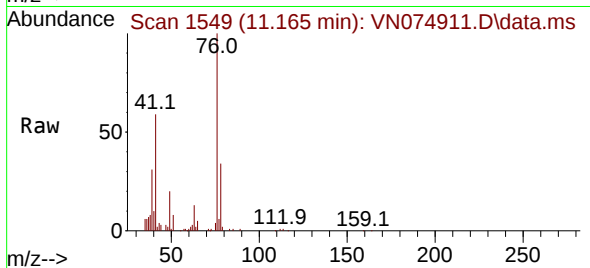
78 33.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 58.441 ug/l

RT: 10.171 min Scan# 1380

Delta R.T. 0.006 min

Lab File: VN074911.D

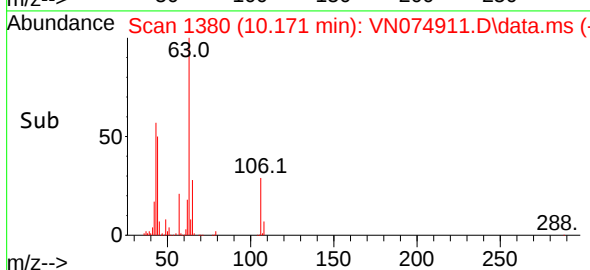
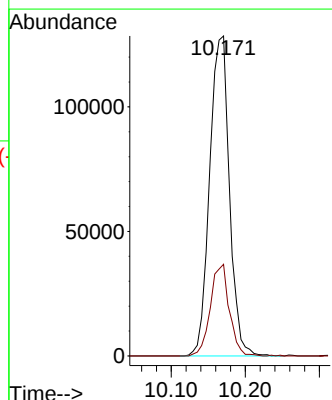
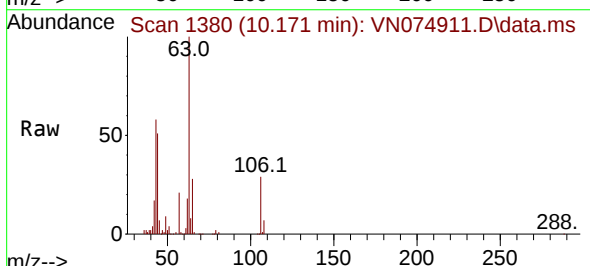
Acq: 17 Oct 2022 12:12

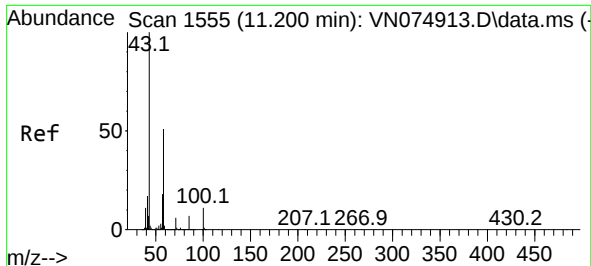
Tgt Ion: 63 Resp: 238192

Ion Ratio Lower Upper

63 100

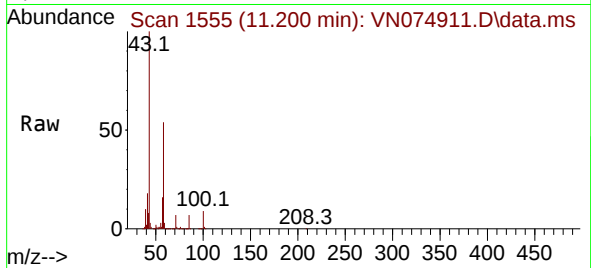
106 27.4 20.8 31.2





#59
2-Hexanone
Concen: 49.232 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

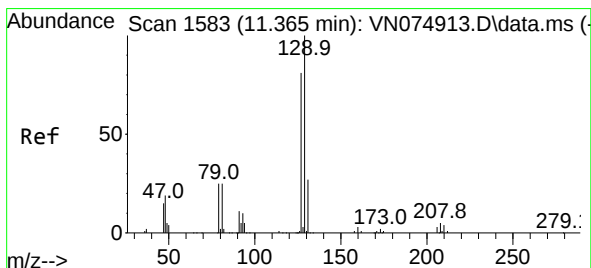
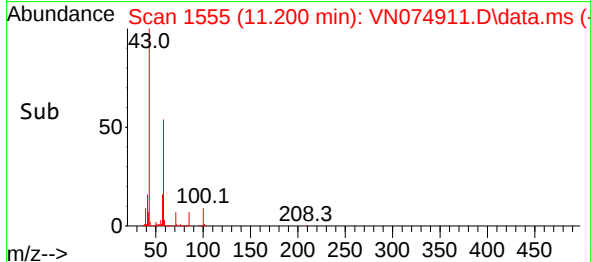
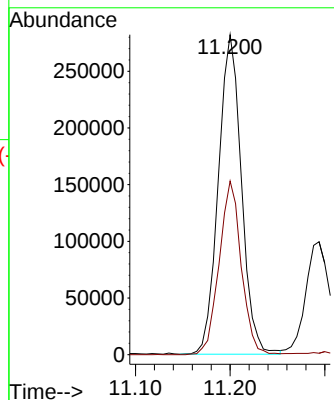
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 47738
Ion Ratio Lower Upper
43 100
58 52.1 26.8 80.3

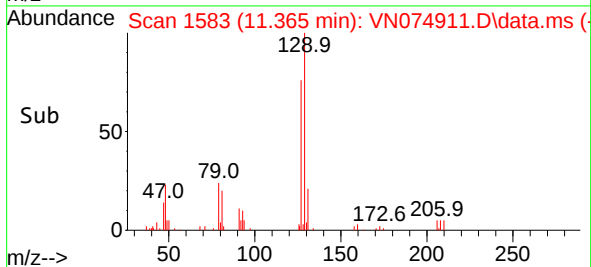
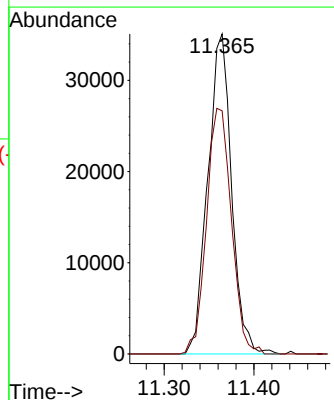
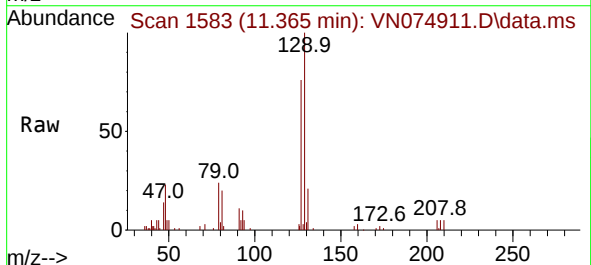
Manual Integrations
APPROVED

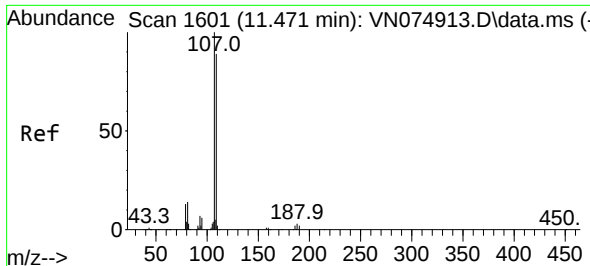
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#60
Dibromochloromethane
Concen: 9.001 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion:129 Resp: 64520
Ion Ratio Lower Upper
129 100
127 80.4 38.8 116.3





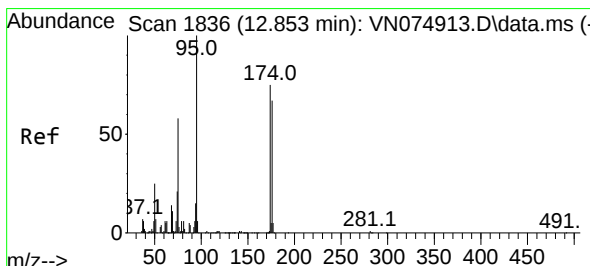
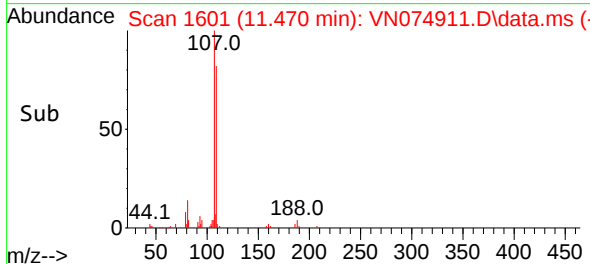
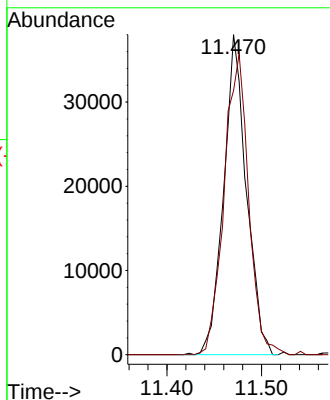
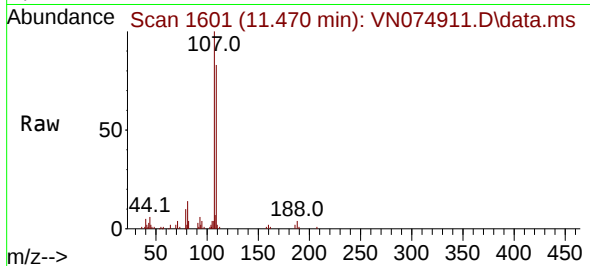
#61
1,2-Dibromoethane
Concen: 8.983 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 6355
Ion Ratio Lower Upper
107 100
109 101.0 74.1 111.1

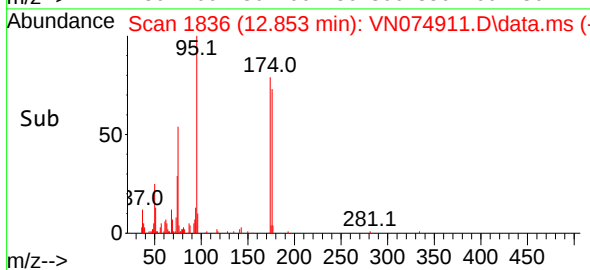
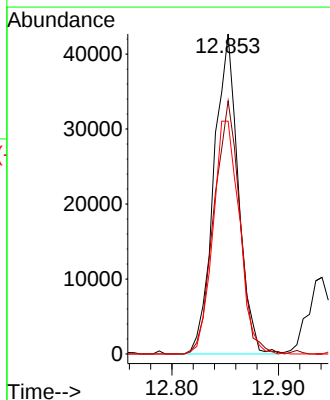
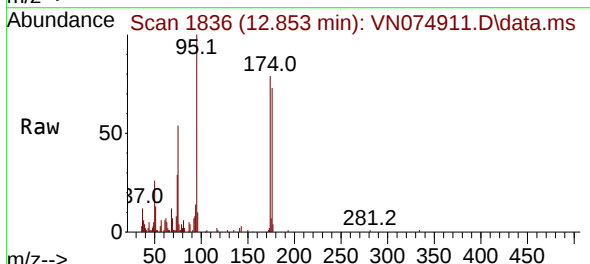
Manual Integrations
APPROVED

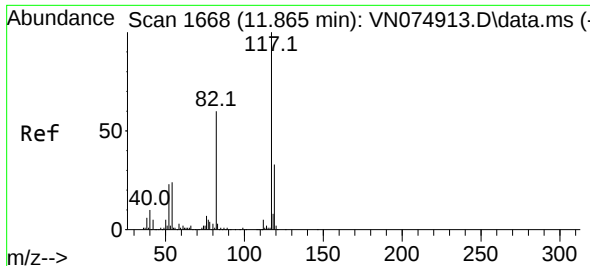
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#62
4-Bromofluorobenzene
Concen: 9.337 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

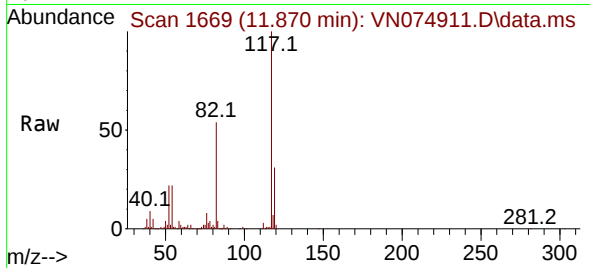
Tgt Ion: 95 Resp: 67635
Ion Ratio Lower Upper
95 100
174 83.8 0.0 159.4
176 79.3 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

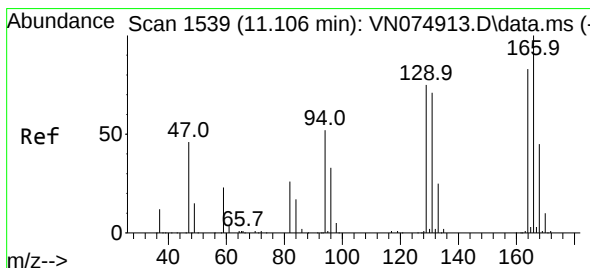
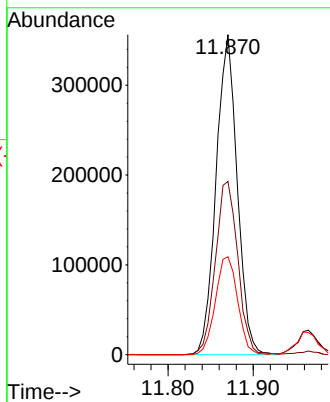
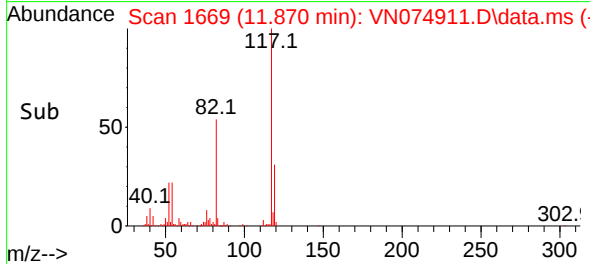
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 61550
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 30.6 24.4 36.6

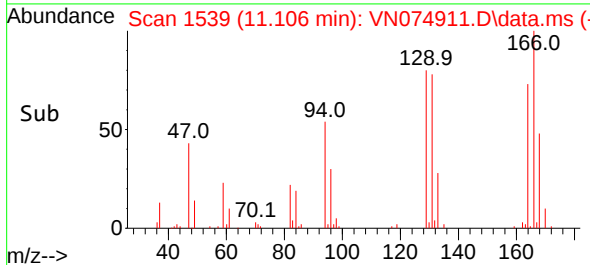
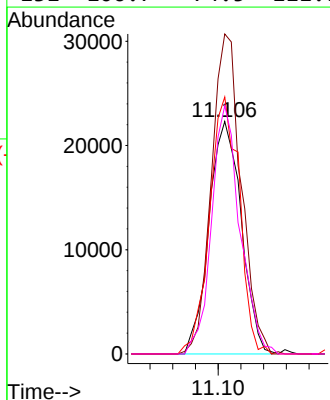
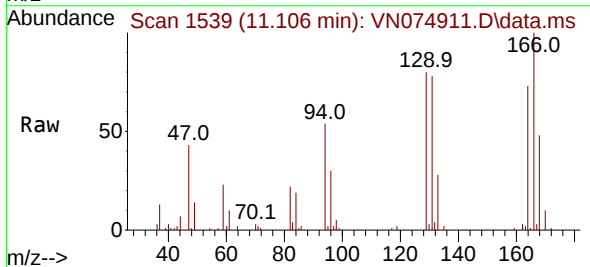
Manual Integrations
APPROVED

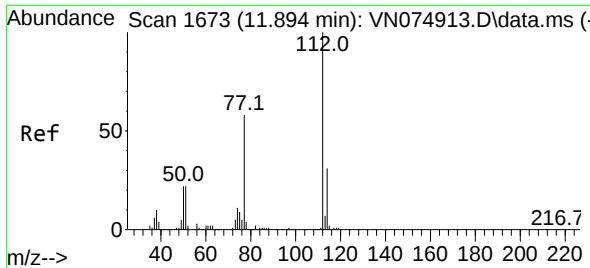
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#64
Tetrachloroethene
Concen: 8.865 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion:164 Resp: 44011
Ion Ratio Lower Upper
164 100
166 137.6 100.9 151.3
129 110.5 75.2 112.8
131 106.7 74.5 111.7





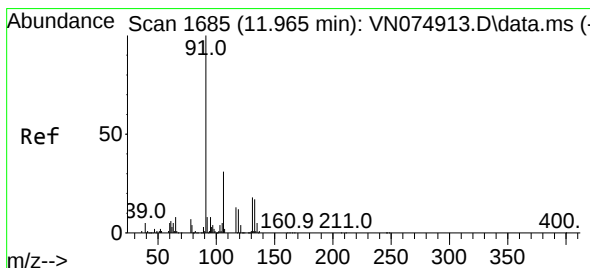
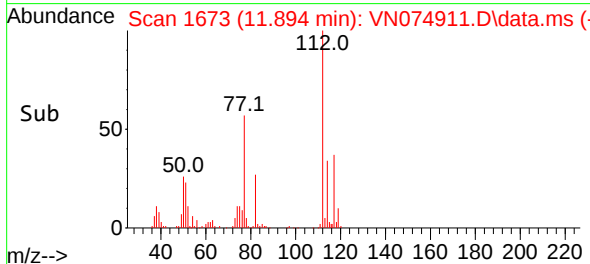
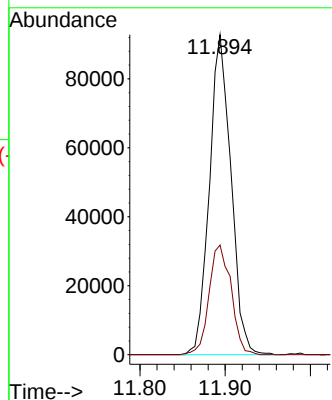
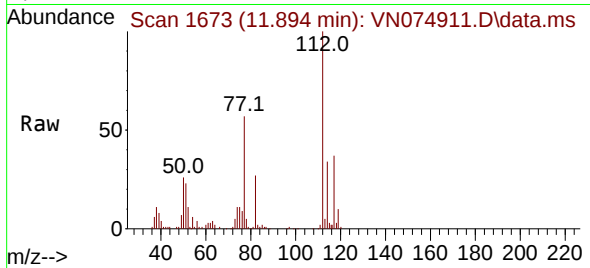
#65
Chlorobenzene
Concen: 9.177 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 163008
Ion Ratio Lower Upper
112 100
114 34.3 23.9 35.9

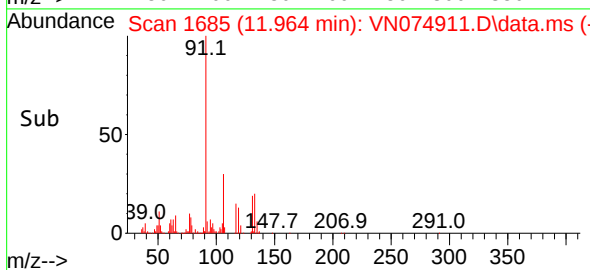
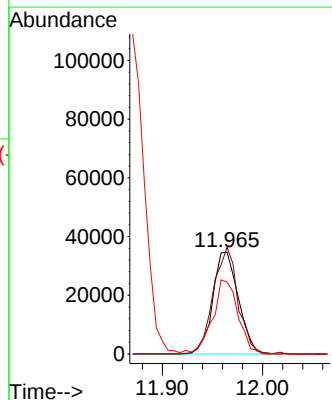
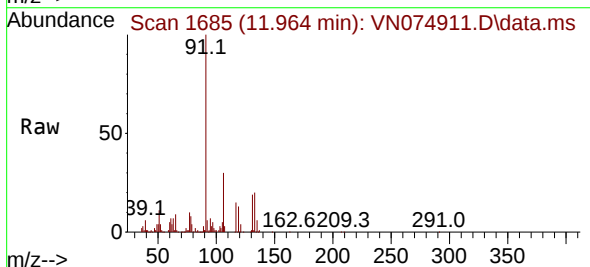
Manual Integrations
APPROVED

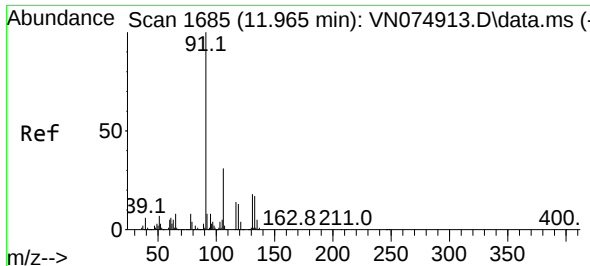
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.198 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

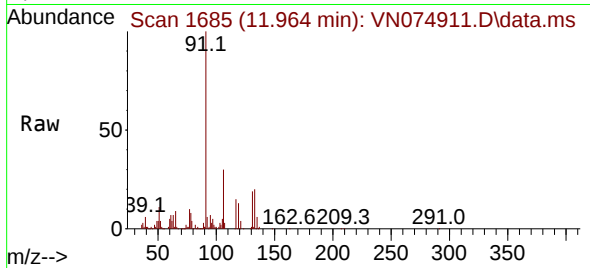
Tgt Ion:131 Resp: 61259
Ion Ratio Lower Upper
131 100
133 101.4 48.3 144.8
119 72.5 34.5 103.5





#67
Ethyl Benzene
Concen: 9.486 ug/l
RT: 11.964 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

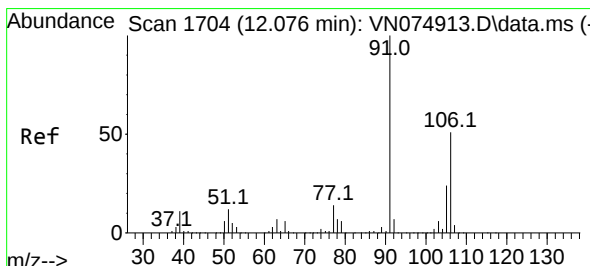
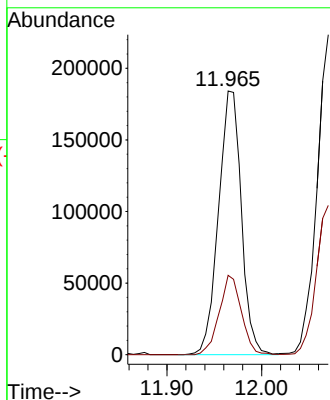
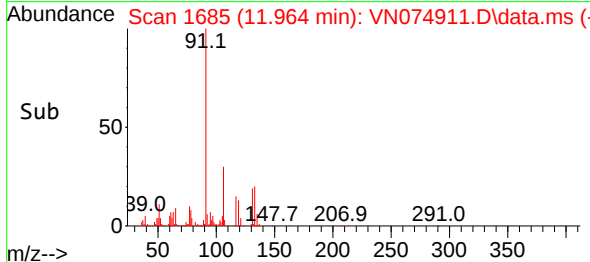
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



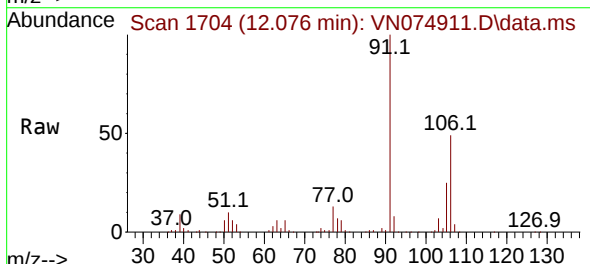
Tgt Ion: 91 Resp: 30895
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8

Manual Integrations
APPROVED

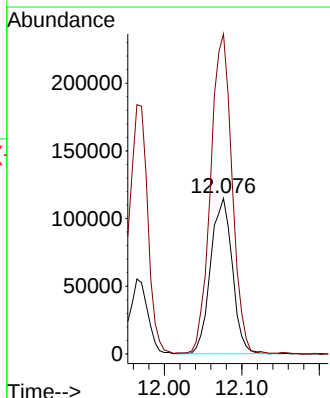
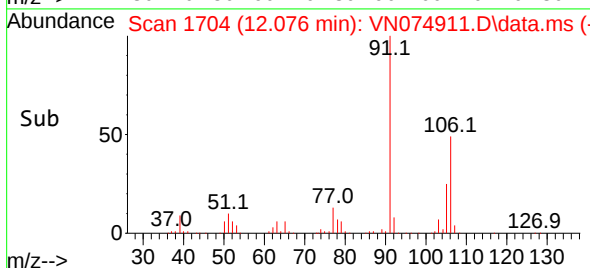
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

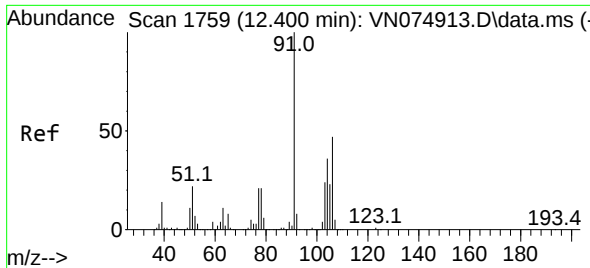


#68
m/p-Xylenes
Concen: 18.424 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



Tgt Ion:106 Resp: 223424
Ion Ratio Lower Upper
106 100
91 203.0 161.5 242.3





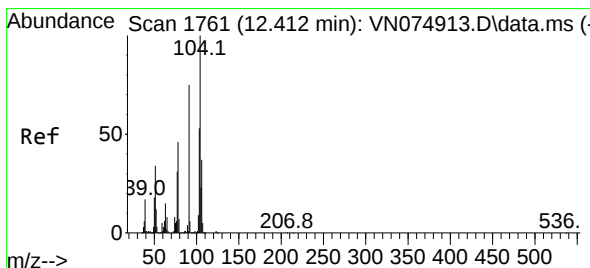
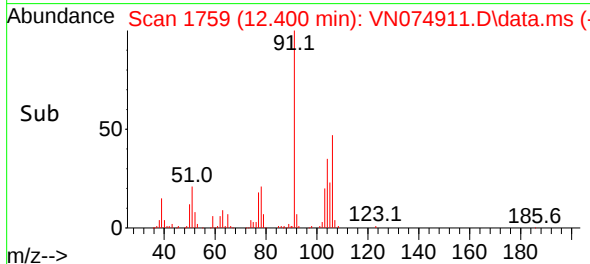
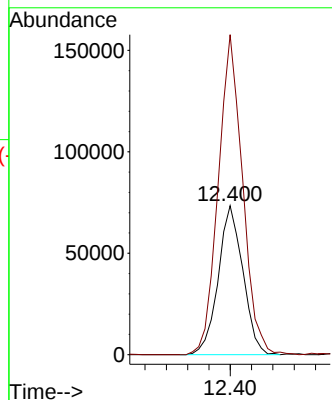
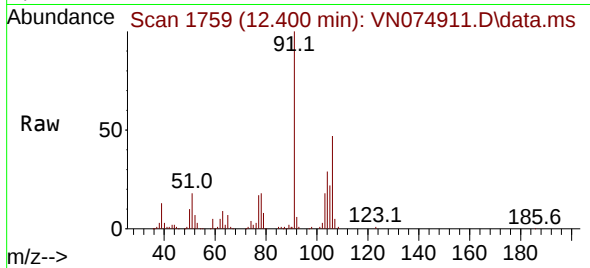
#69
o-Xylene
Concen: 9.518 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 117908
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.6

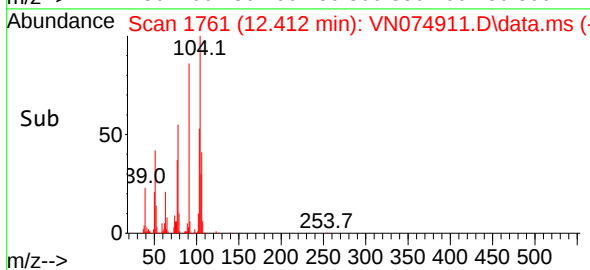
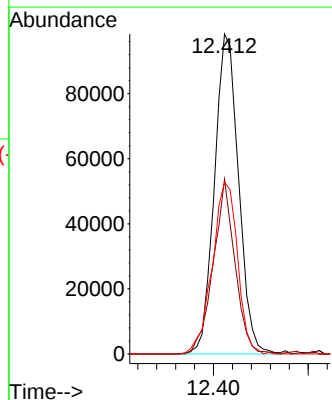
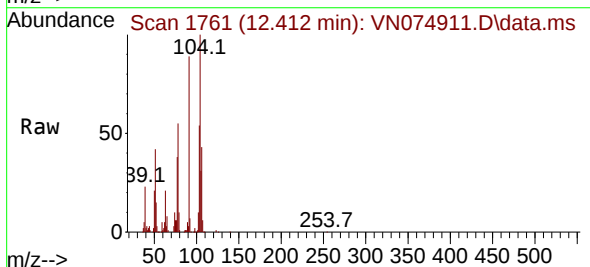
Manual Integrations
APPROVED

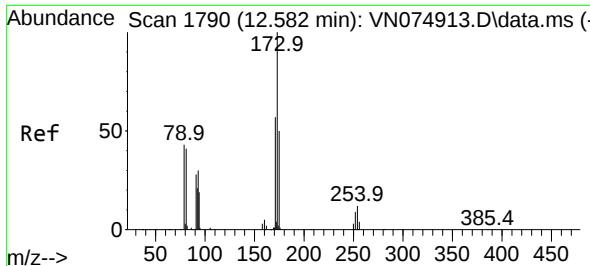
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 8.841 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion:104 Resp: 173701
Ion Ratio Lower Upper
104 100
78 49.3 38.8 58.2
103 56.2 43.4 65.0





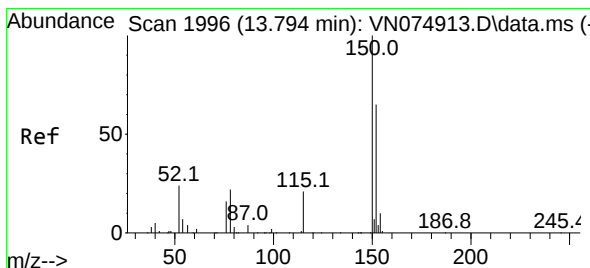
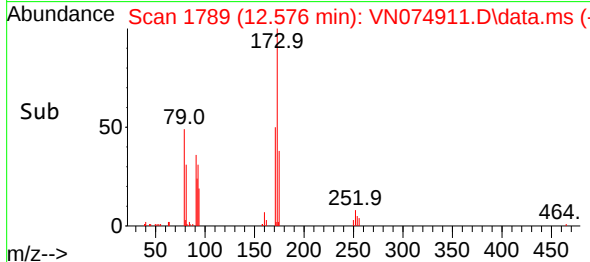
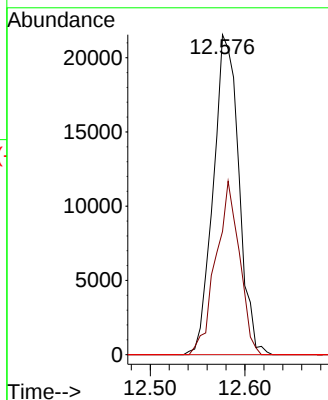
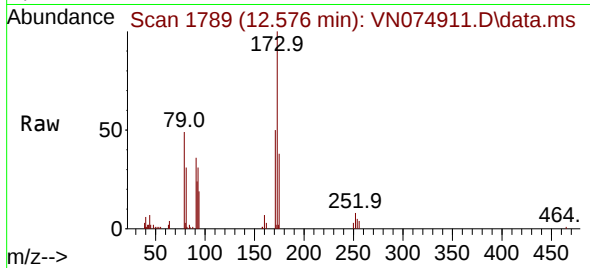
#71
Bromoform
Concen: 8.754 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 40378
Ion Ratio Lower Upper
173 100
175 50.3 25.2 75.6
254 0.0 0.0 0.0

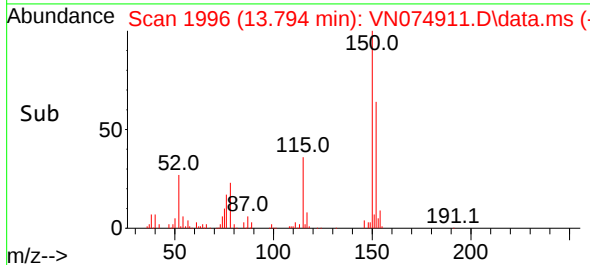
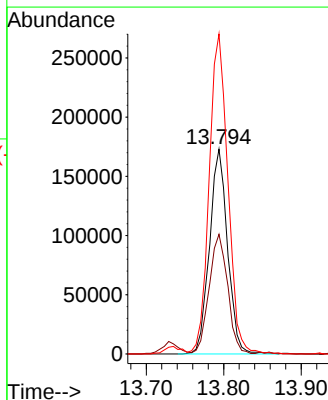
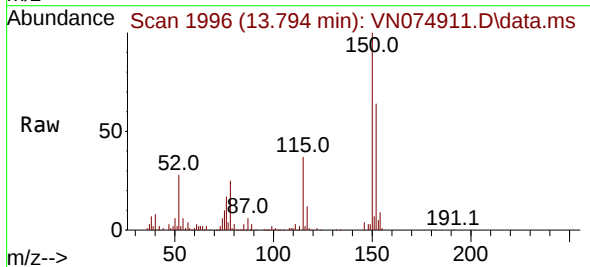
Manual Integrations
APPROVED

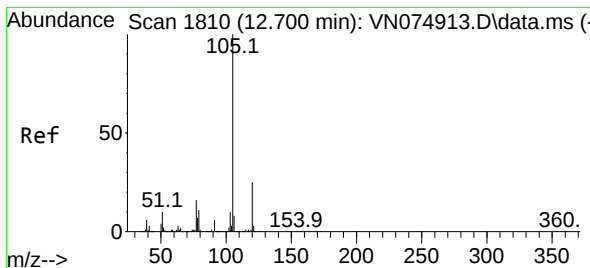
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion:152 Resp: 280902
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 161.5 0.0 350.4





#73

Isopropylbenzene

Concen: 11.588 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 28953

Ion Ratio Lower Upper

105 100

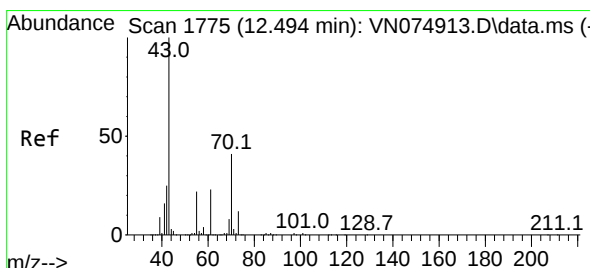
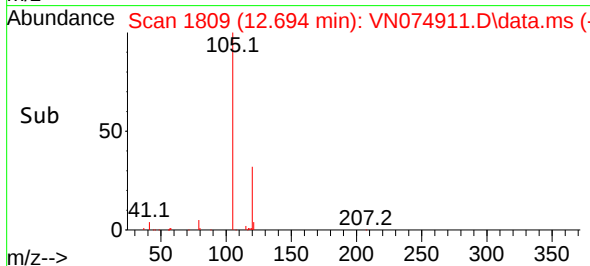
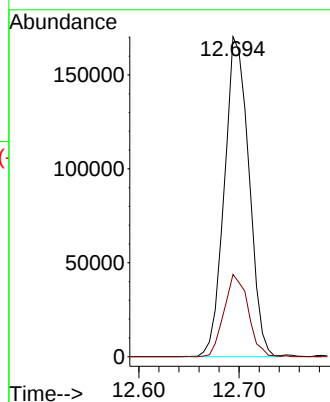
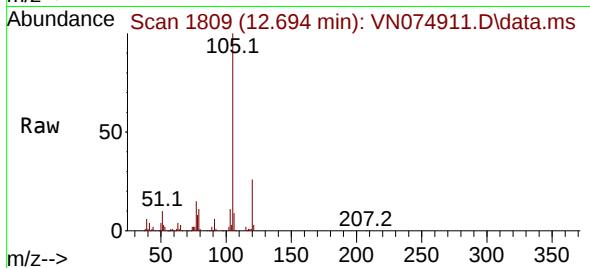
120 25.2 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#74

N-ethyl acetate

Concen: 11.593 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Tgt Ion: 43 Resp: 157255

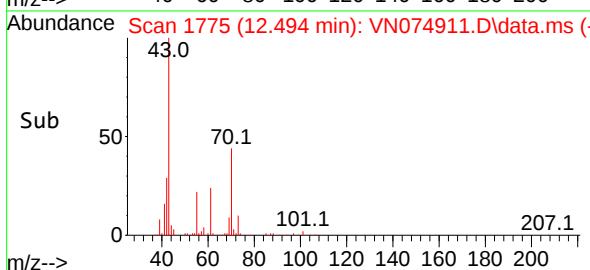
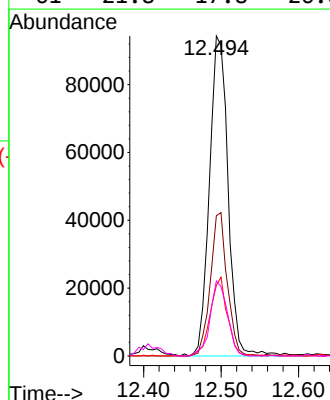
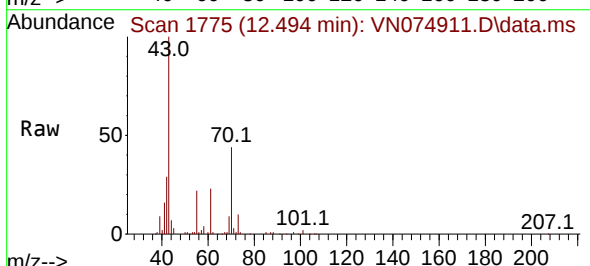
Ion Ratio Lower Upper

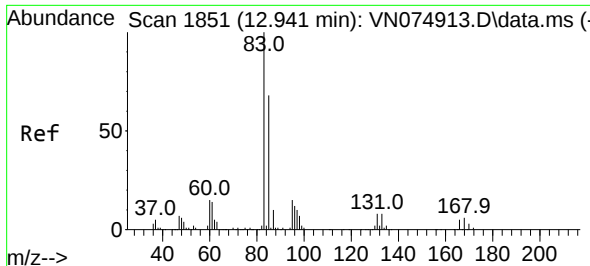
43 100

70 40.6 31.5 47.3

55 22.6 18.2 27.4

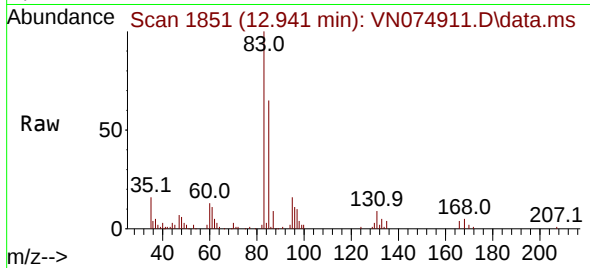
61 21.8 17.8 26.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 11.250 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12

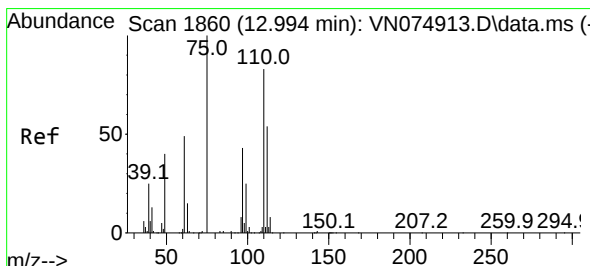
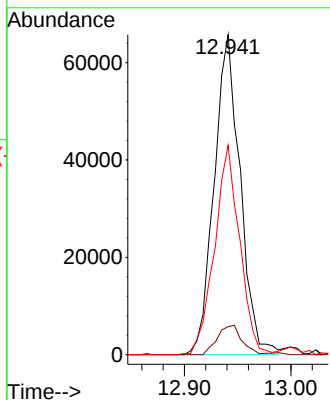
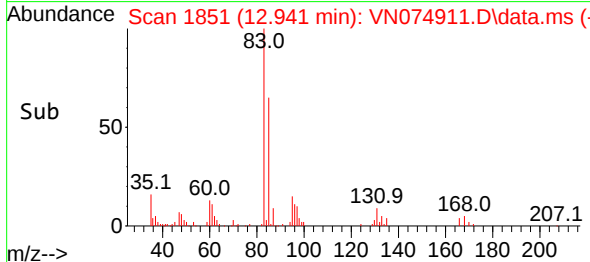
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



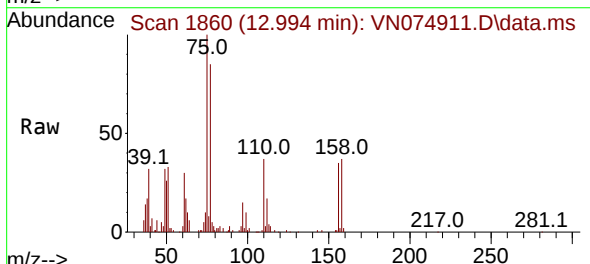
Tgt Ion: 83 Resp: 11134
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.5 13.5
 85 63.2 32.5 97.5

Manual Integrations
 APPROVED

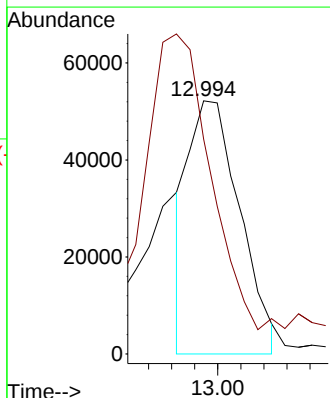
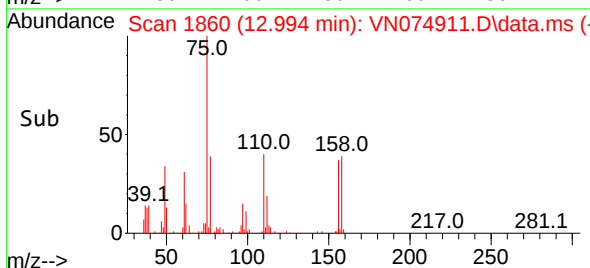
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

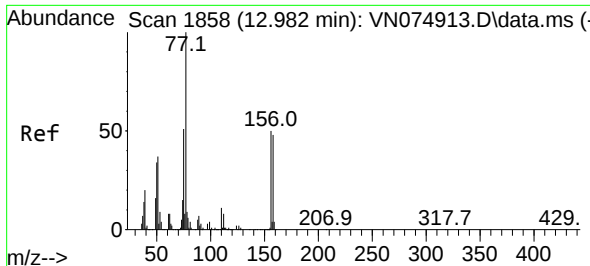


#76
 1,2,3-Trichloropropane
 Concen: 9.757 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12



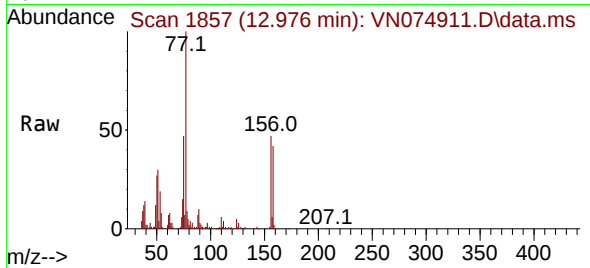
Tgt Ion: 75 Resp: 80686
 Ion Ratio Lower Upper
 75 100
 77 176.7 77.8 233.4





#77
Bromobenzene
Concen: 10.103 ug/l
RT: 12.976 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

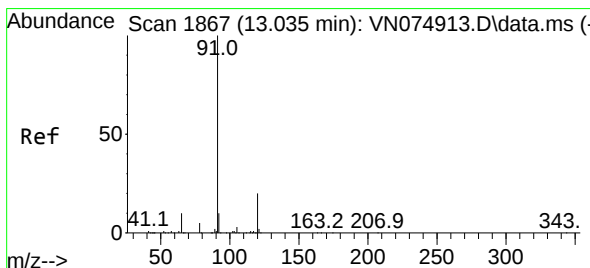
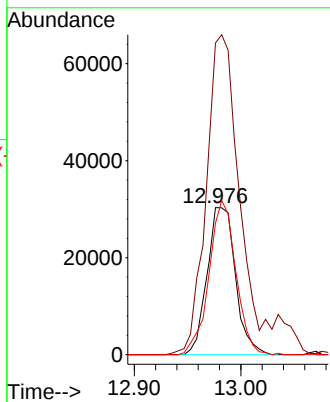
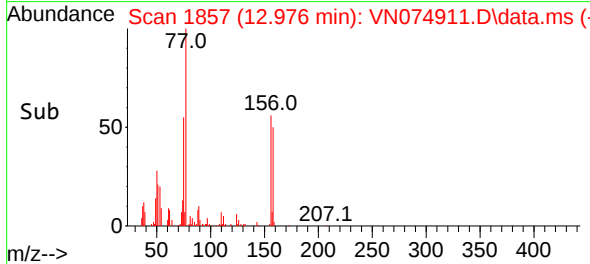
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 5591
Ion Ratio Lower Upper
156 100
77 255.0 116.3 348.9
158 99.5 47.9 143.7

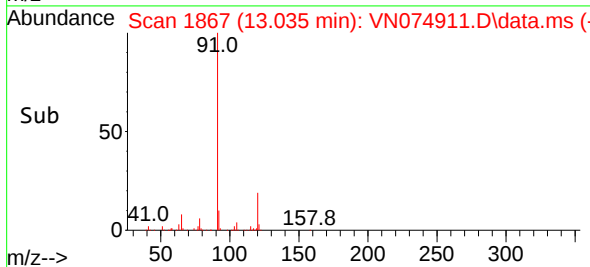
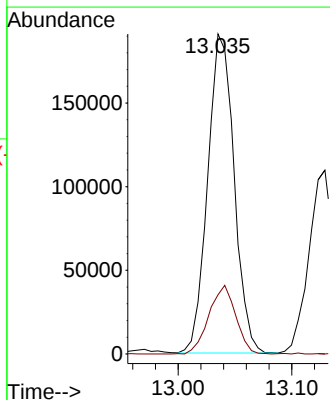
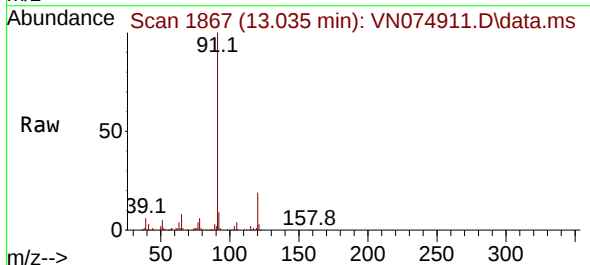
Manual Integrations
APPROVED

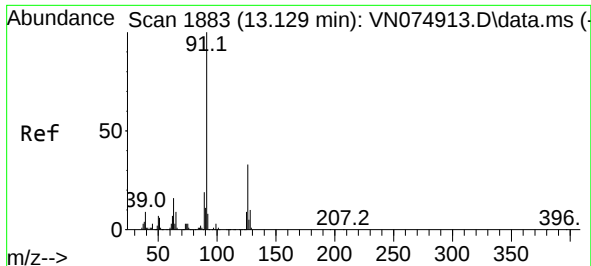
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#78
n-propylbenzene
Concen: 10.815 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion: 91 Resp: 308502
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





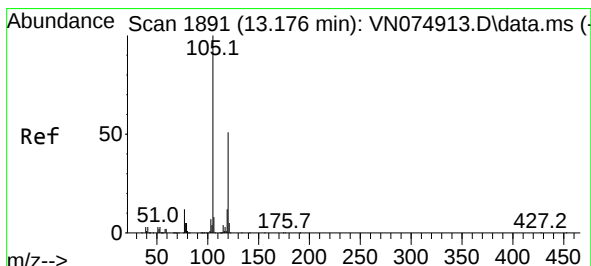
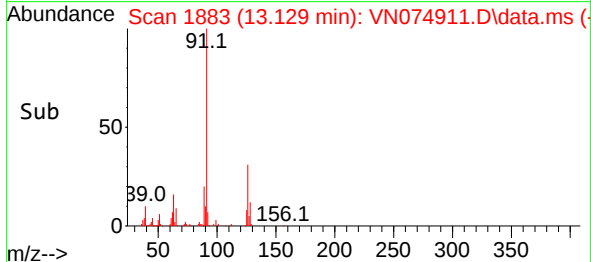
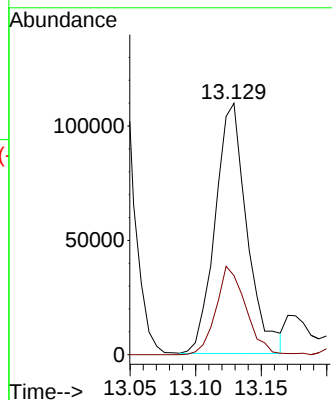
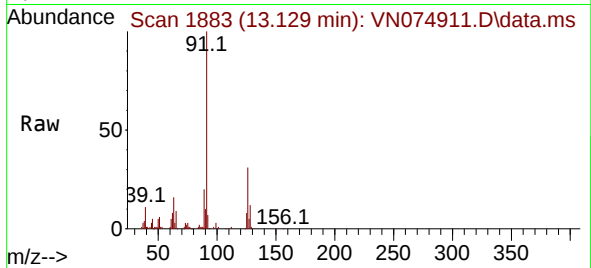
#79
2-Chlorotoluene
Concen: 10.851 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 18506
Ion Ratio Lower Upper
91 100
126 33.0 15.8 47.3

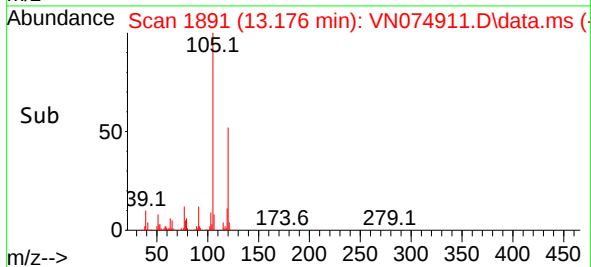
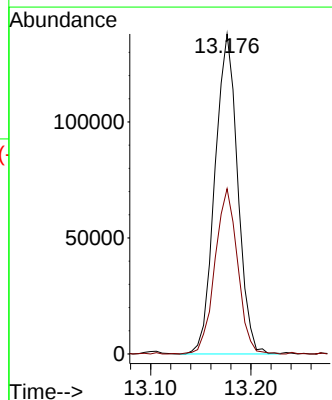
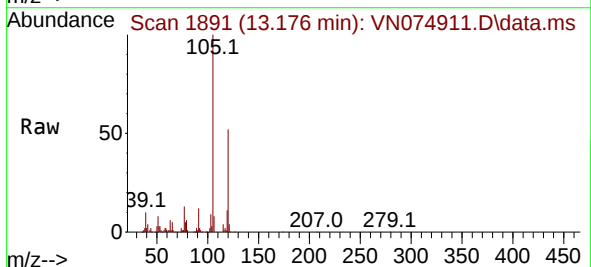
Manual Integrations
APPROVED

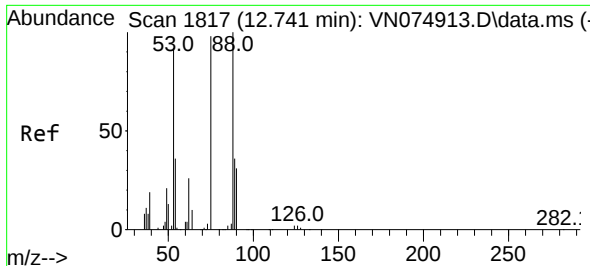
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.703 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

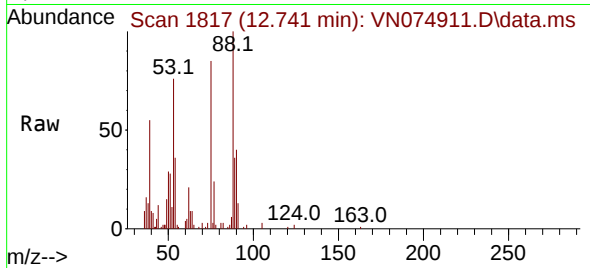
Tgt Ion:105 Resp: 217386
Ion Ratio Lower Upper
105 100
120 51.5 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 10.503 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

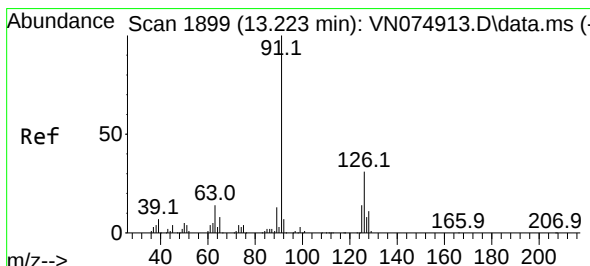
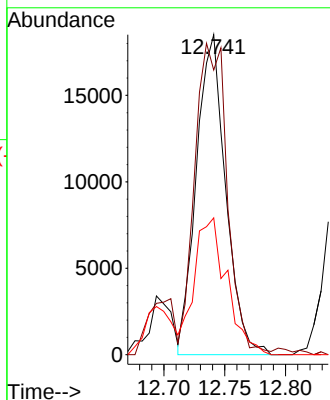
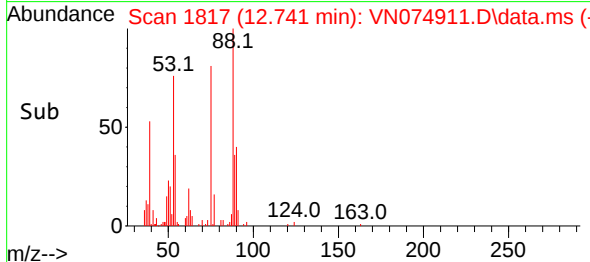
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



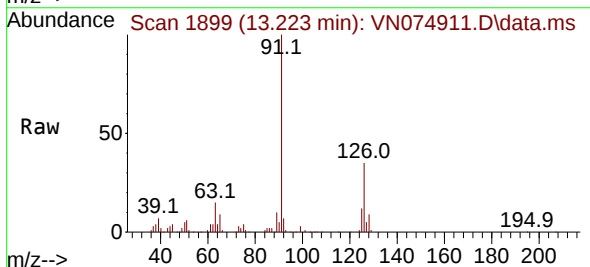
Tgt Ion: 75 Resp: 31034
Ion Ratio Lower Upper
75 100
53 105.5 87.0 130.4
89 47.5 32.5 48.7

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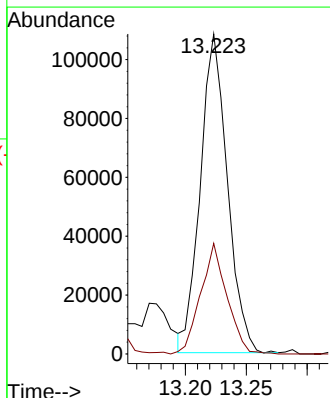
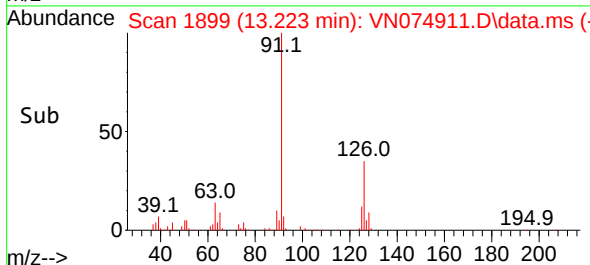
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

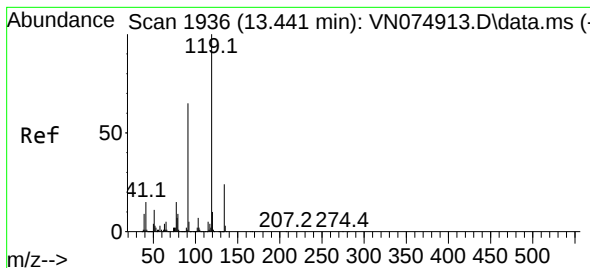


#82
4-Chlorotoluene
Concen: 10.477 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



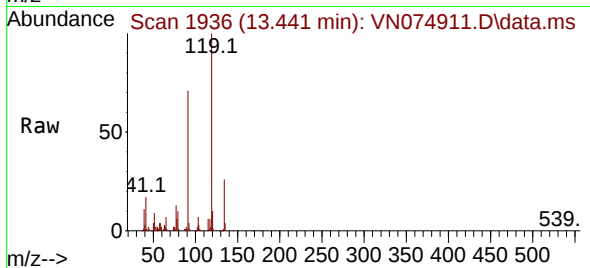
Tgt Ion: 91 Resp: 167116
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 11.673 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. -0.000 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12

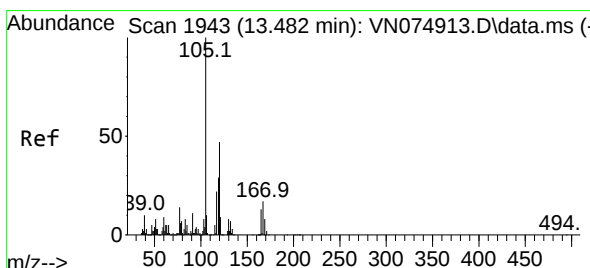
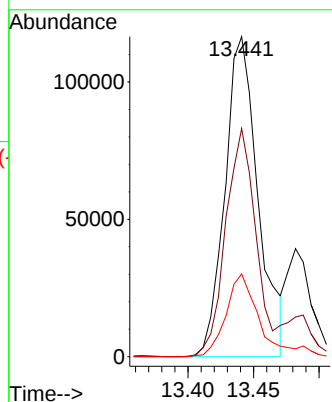
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



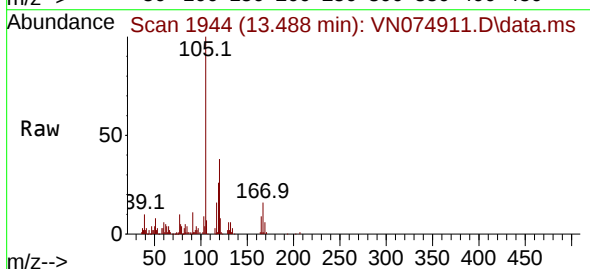
Tgt Ion:119 Resp: 204880
 Ion Ratio Lower Upper
 119 100
 91 66.2 32.9 98.7
 134 26.5 13.5 40.4

Manual Integrations
 APPROVED

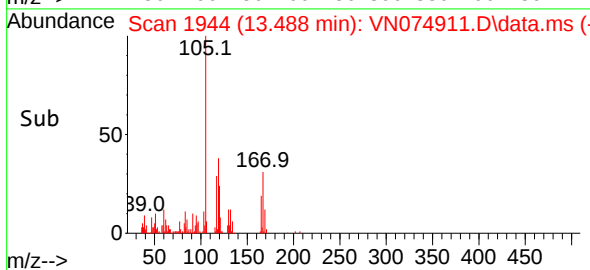
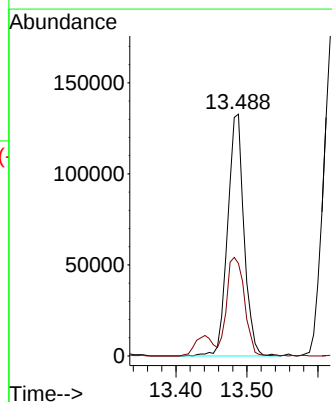
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

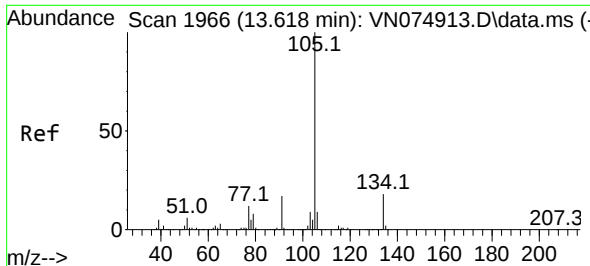


#84
 1,2,4-Trimethylbenzene
 Concen: 10.650 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12



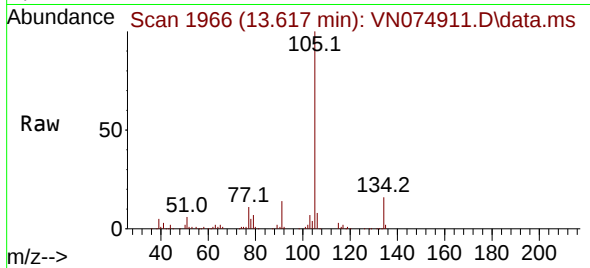
Tgt Ion:105 Resp: 212522
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 11.030 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12

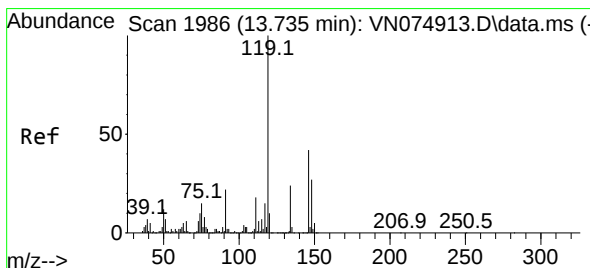
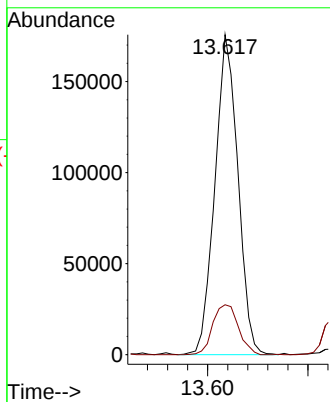
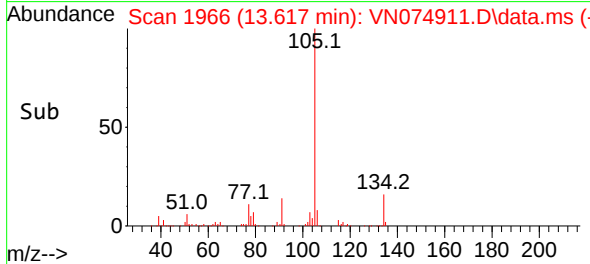
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



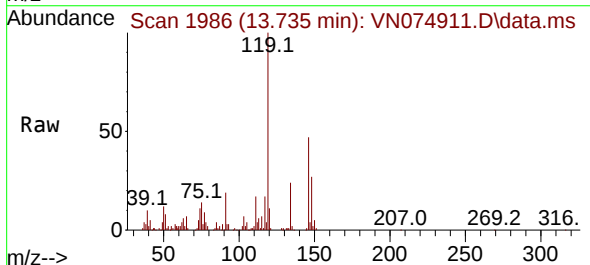
Tgt Ion:105 Resp: 27915
 Ion Ratio Lower Upper
 105 100
 134 17.4 9.7 28.9

Manual Integrations
 APPROVED

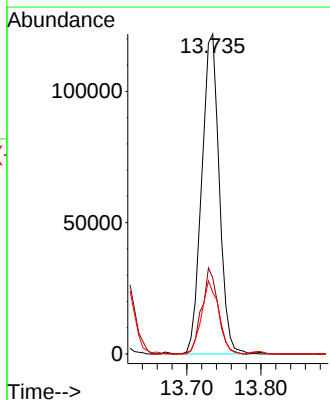
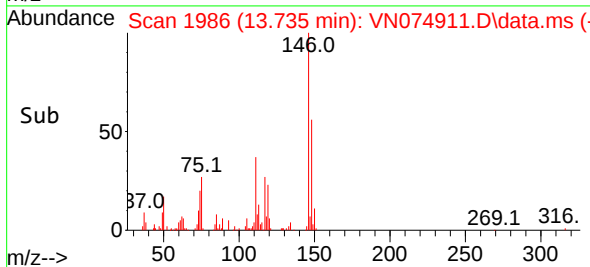
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

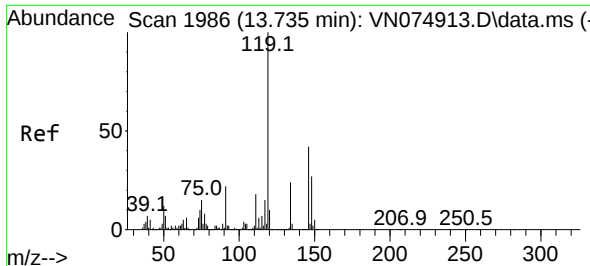


#86
 p-Isopropyltoluene
 Concen: 9.965 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074911.D
 Acq: 17 Oct 2022 12:12



Tgt Ion:119 Resp: 200425
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.1
 91 22.6 11.5 34.5





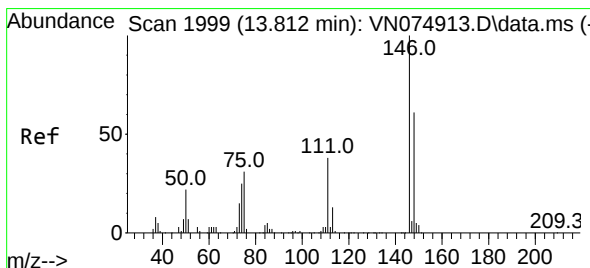
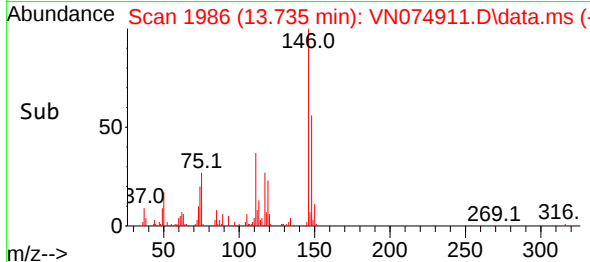
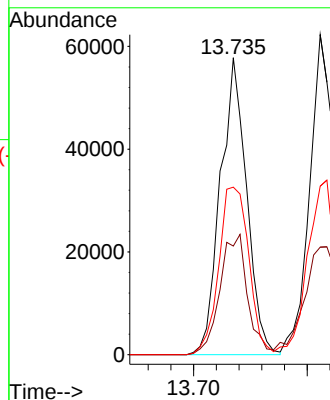
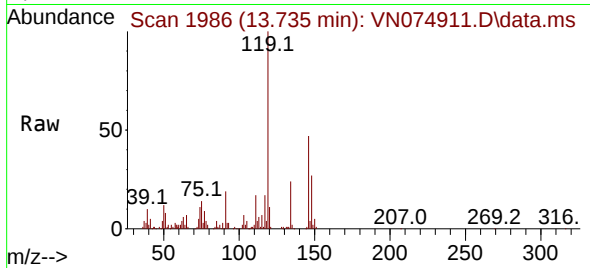
#87
1,3-Dichlorobenzene
Concen: 8.943 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 9285
Ion Ratio Lower Upper
146 100
111 42.6 19.9 59.7
148 64.6 31.4 94.3

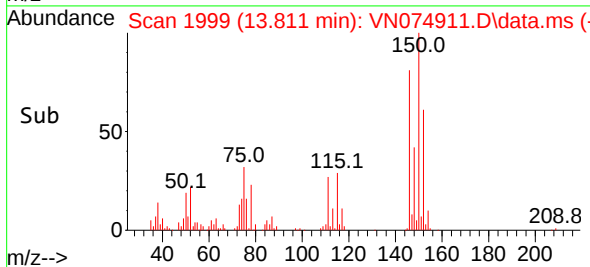
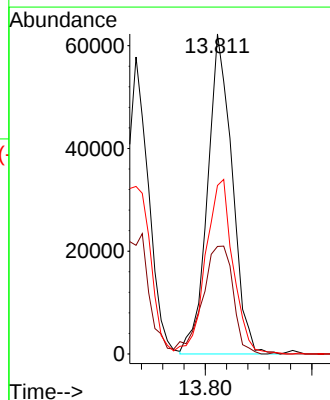
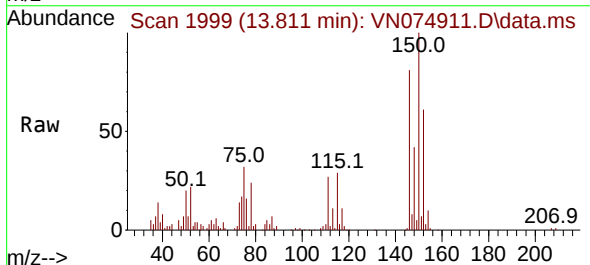
Manual Integrations
APPROVED

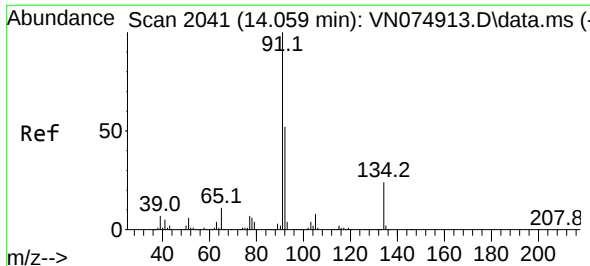
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#88
1,4-Dichlorobenzene
Concen: 9.787 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

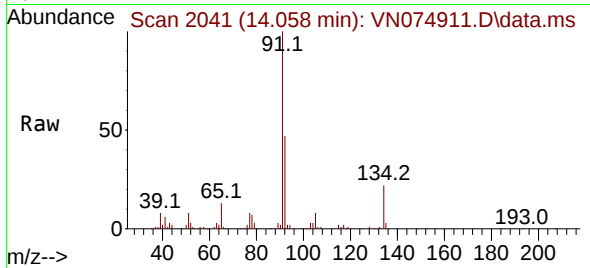
Tgt Ion:146 Resp: 100260
Ion Ratio Lower Upper
146 100
111 41.8 20.2 60.6
148 60.7 31.8 95.3





#89
n-Butylbenzene
Concen: 9.459 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

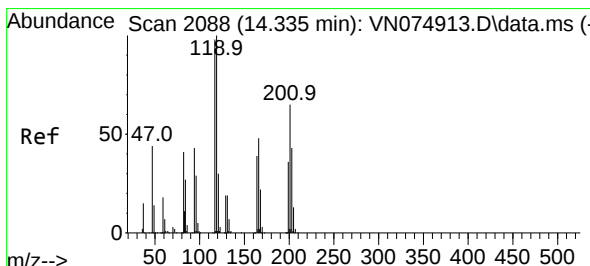
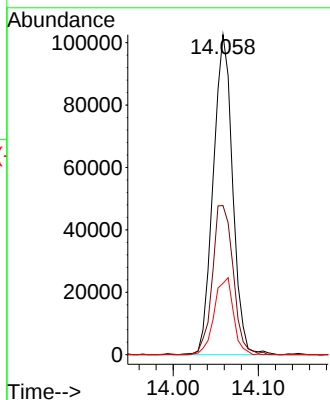
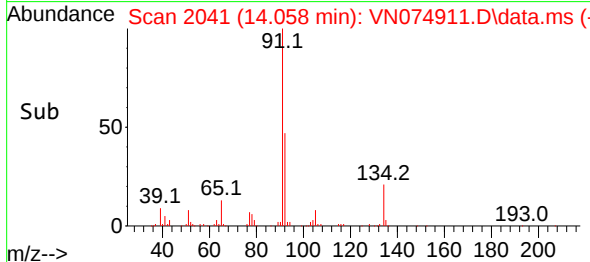
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 16210
Ion Ratio Lower Upper
91 100
92 50.0 25.9 77.8
134 23.8 11.6 34.7

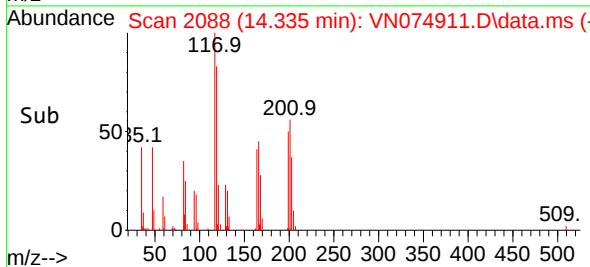
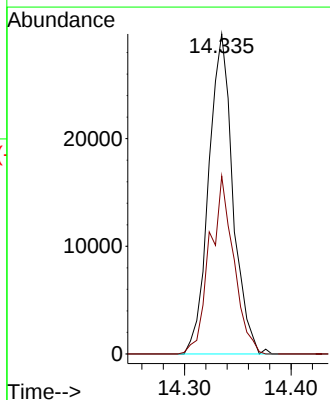
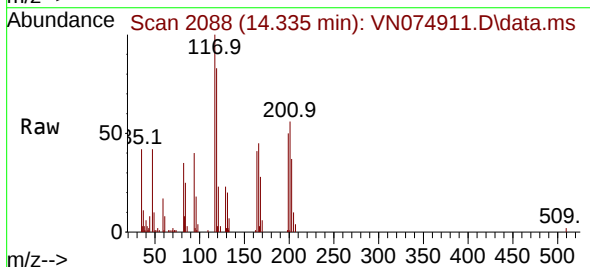
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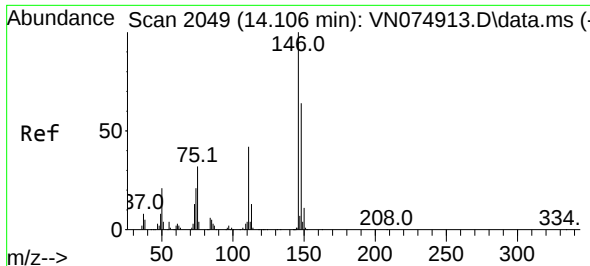
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#90
Hexachloroethane
Concen: 10.842 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Tgt Ion:117 Resp: 46818
Ion Ratio Lower Upper
117 100
201 55.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 8.990 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

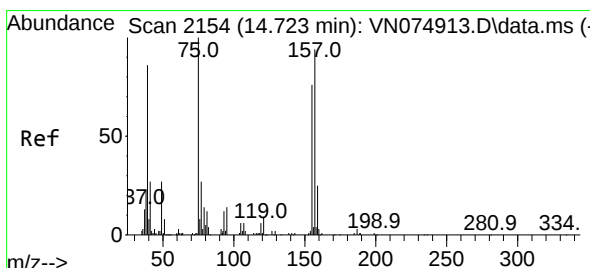
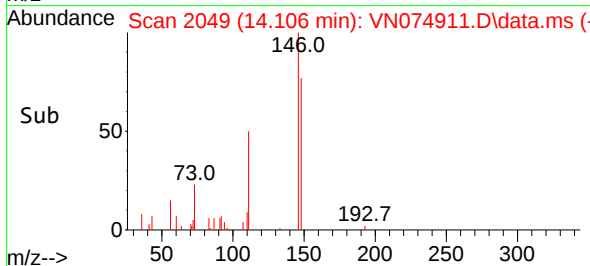
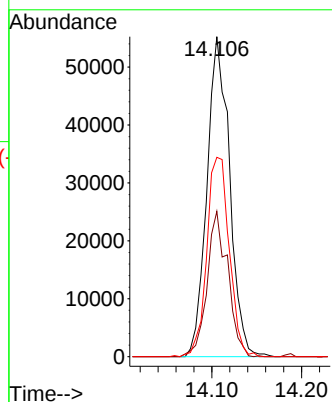
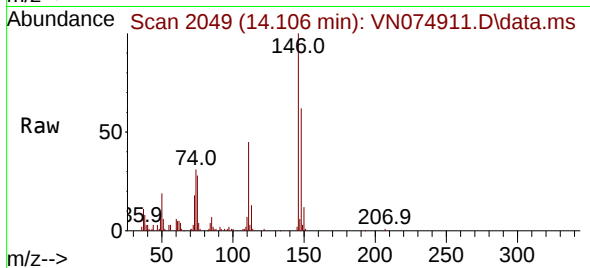
Tgt Ion:	146	Resp:	96820
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.5	61.5
148	61.8	31.3	93.8

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.659 ug/l

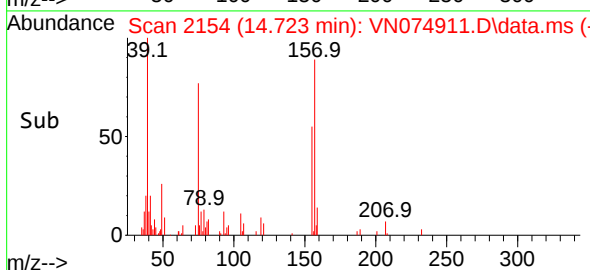
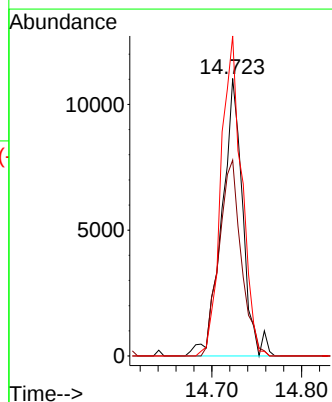
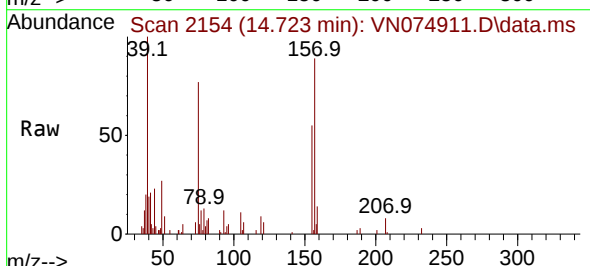
RT: 14.723 min Scan# 2154

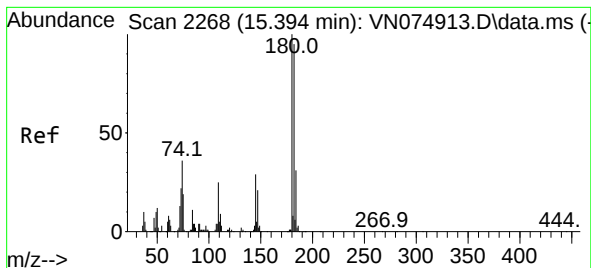
Delta R.T. -0.000 min

Lab File: VN074911.D

Acq: 17 Oct 2022 12:12

Tgt Ion:	75	Resp:	17733
Ion Ratio	Lower	Upper	
75	100		
155	75.7	39.4	118.1
157	114.8	52.5	157.6





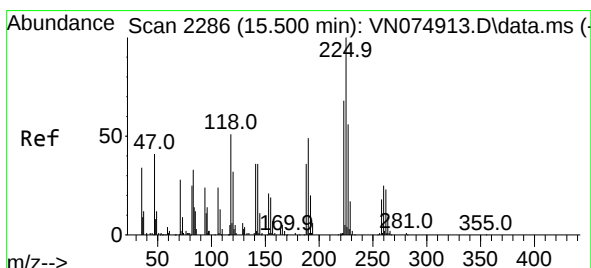
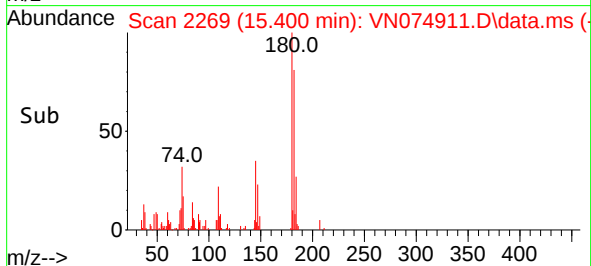
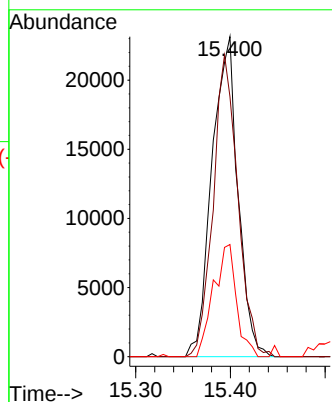
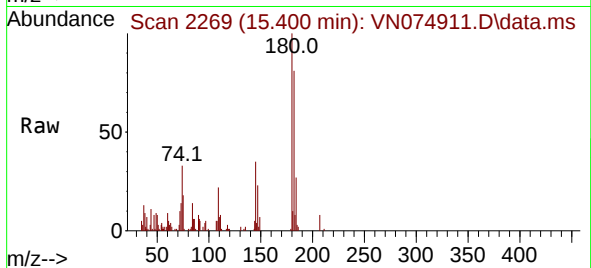
#93
1,2,4-Trichlorobenzene
Concen: 9.072 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 44194
Ion Ratio Lower Upper
180 100
182 89.2 45.8 137.4
145 30.9 14.7 44.1

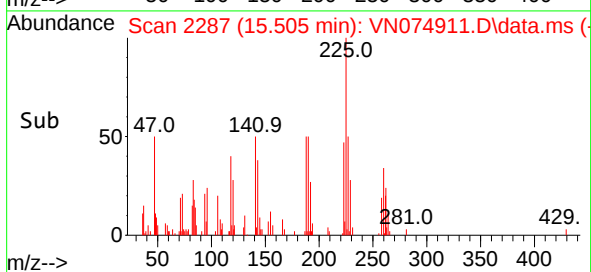
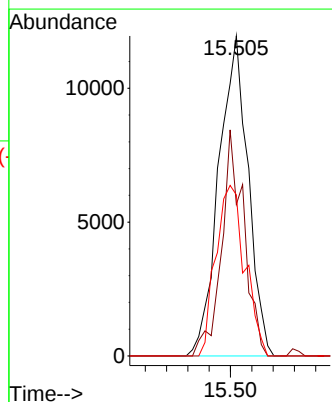
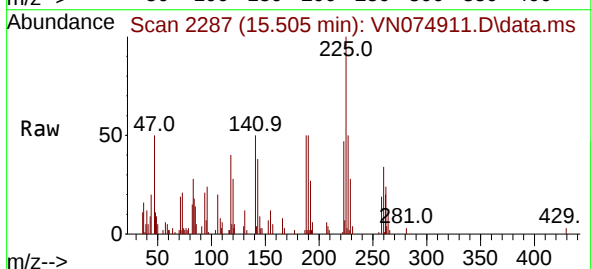
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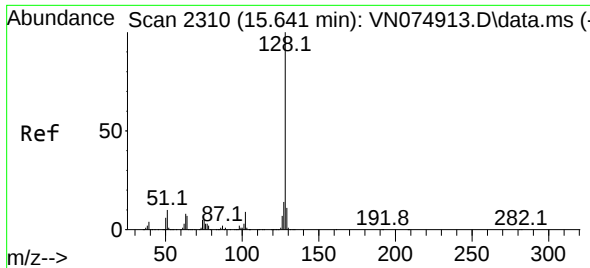
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#94
Hexachlorobutadiene
Concen: 9.733 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

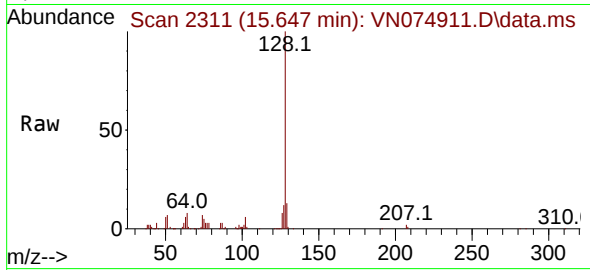
Tgt Ion:225 Resp: 22770
Ion Ratio Lower Upper
225 100
223 53.9 30.1 90.5
227 53.4 31.4 94.0





#95
Naphthalene
Concen: 10.880 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12

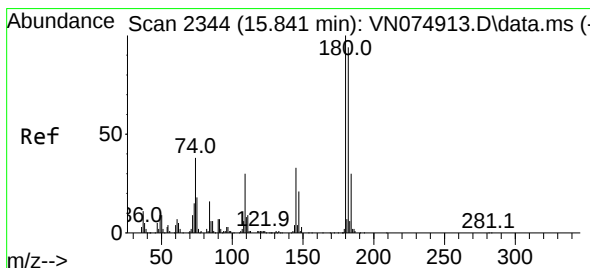
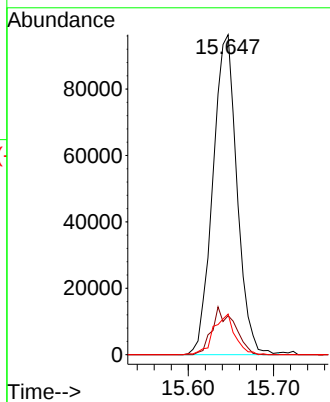
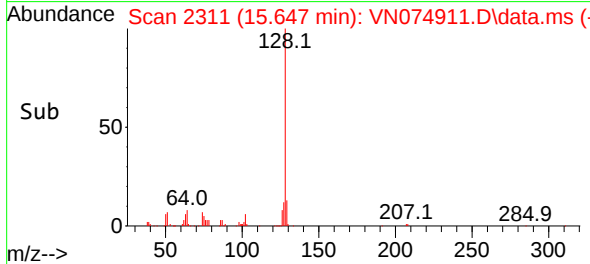
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



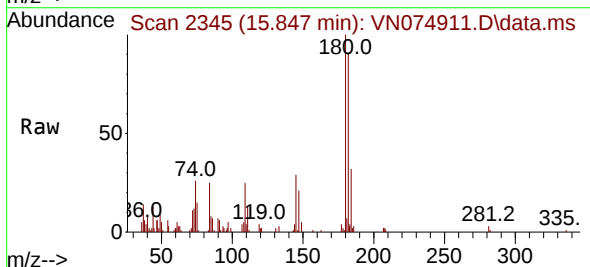
Tgt Ion:128 Resp: 189740
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 11.3 8.3 12.5

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



#96
1,2,3-Trichlorobenzene
Concen: 10.201 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN074911.D
Acq: 17 Oct 2022 12:12



Tgt Ion:180 Resp: 47071
Ion Ratio Lower Upper
180 100
182 93.0 48.0 144.0
145 35.3 15.7 47.0

