

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079913.D
 Acq On : 06 Nov 2023 11:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 03:57:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	297089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	465672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	243577	53.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.620%	
35) Dibromofluoromethane	8.171	113	186680	52.102	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.200%	
50) Toluene-d8	10.571	98	685119	51.941	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.853	95	242203	55.366	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	179420	50.138	ug/l	97
3) Chloromethane	2.365	50	198823	44.400	ug/l	98
4) Vinyl Chloride	2.512	62	263169	56.182	ug/l	100
5) Bromomethane	2.942	94	163446	57.427	ug/l	99
6) Chloroethane	3.112	64	173292	46.820	ug/l	98
7) Trichlorofluoromethane	3.495	101	294345	50.522	ug/l	96
8) Diethyl Ether	3.959	74	114269	51.684	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	172933	51.203	ug/l	99
10) Methyl Iodide	4.589	142	200753	52.050	ug/l	97
11) Tert butyl alcohol	5.518	59	144427	249.963	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	156660	48.989	ug/l	84
13) Acrolein	4.177	56	143813	344.313	ug/l	98
14) Allyl chloride	5.024	41	263942	53.889	ug/l #	89
15) Acrylonitrile	5.718	53	476791	264.794	ug/l	99
16) Acetone	4.424	43	561247	353.010	ug/l	90
17) Carbon Disulfide	4.712	76	427626	46.360	ug/l	99
18) Methyl Acetate	5.024	43	393014	51.668	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	591019	53.682	ug/l #	91
20) Methylene Chloride	5.277	84	201372	50.196	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	179835	50.423	ug/l #	83
22) Diisopropyl ether	6.677	45	660805	58.218	ug/l #	91
23) Vinyl Acetate	6.606	43	1754104	280.168	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	379279	54.977	ug/l	97
25) 2-Butanone	7.482	43	716048	307.559	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	307881	53.962	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	221972	52.031	ug/l	84
28) Bromochloromethane	7.812	49	182463	54.271	ug/l #	75
29) Tetrahydrofuran	7.841	42	415557	274.343	ug/l #	75
30) Chloroform	7.971	83	382544	51.048	ug/l	97
31) Cyclohexane	8.259	56	298996	49.991	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	326818	53.524	ug/l	93
36) 1,1-Dichloropropene	8.371	75	282528	55.226	ug/l	95
37) Ethyl Acetate	7.565	43	259575	55.324	ug/l #	93
38) Carbon Tetrachloride	8.365	117	281922	54.679	ug/l	96
39) Methylcyclohexane	9.606	83	249251	51.770	ug/l #	88
40) Benzene	8.606	78	840976	54.884	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	144804	58.119	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	313011	58.481	ug/l	97
43) Isopropyl Acetate	8.688	43	436243	53.018	ug/l #	90
44) Trichloroethene	9.359	130	204091	53.676	ug/l	96
45) 1,2-Dichloropropane	9.624	63	227800	58.174	ug/l	96
46) Dibromomethane	9.706	93	150551	56.306	ug/l	96
47) Bromodichloromethane	9.888	83	313010	54.891	ug/l	98
48) Methyl methacrylate	9.682	41	215361	59.755	ug/l #	79
49) 1,4-Dioxane	9.694	88	69648	1093.666	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1348675	291.140	ug/l	90
52) Toluene	10.635	92	518677	57.097	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	322705	57.728	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	352733	57.890	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	206955	56.642	ug/l	95
56) Ethyl methacrylate	10.876	69	306842	58.876	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	370577	57.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	700595	265.227	ug/l	89
59) 2-Hexanone	11.200	43	1046245	295.235	ug/l	88
60) Dibromochloromethane	11.365	129	223462	57.137	ug/l	99
61) 1,2-Dibromoethane	11.470	107	203386	55.460	ug/l	98
64) Tetrachloroethene	11.106	164	186615	61.876	ug/l	98
65) Chlorobenzene	11.894	112	544026	53.857	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	204412	56.166	ug/l	97
67) Ethyl Benzene	11.965	91	974304	55.361	ug/l	97
68) m/p-Xylenes	12.070	106	733676	111.910	ug/l	93
69) o-Xylene	12.400	106	356147	56.415	ug/l	93
70) Styrene	12.412	104	609270	60.053	ug/l	98
71) Bromoform	12.582	173	149525	57.859	ug/l #	98
73) Isopropylbenzene	12.700	105	892508	54.096	ug/l	99
74) N-amyl acetate	12.500	43	361892	50.253	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	282108	48.226	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	373441	73.171	ug/l	74
77) Bromobenzene	12.982	156	219940	54.450	ug/l	95
78) n-propylbenzene	13.041	91	1061743	56.196	ug/l	97
79) 2-Chlorotoluene	13.129	91	656960	54.431	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	734082	57.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	90926	48.473	ug/l #	76
82) 4-Chlorotoluene	13.223	91	661860	55.184	ug/l	99
83) tert-Butylbenzene	13.441	119	578872	55.093	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	741236	58.692	ug/l	100
85) sec-Butylbenzene	13.617	105	790253	54.285	ug/l	100
86) p-Isopropyltoluene	13.735	119	656354	55.301	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	397082	52.844	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	397596	52.129	ug/l	100
89) n-Butylbenzene	14.059	91	545995	53.411	ug/l	99
90) Hexachloroethane	14.335	117	118245	50.306	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	381418	53.770	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52760	53.185	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	174616	51.771	ug/l	97
94) Hexachlorobutadiene	15.500	225	74415	48.669	ug/l	99
95) Naphthalene	15.647	128	550993	48.171	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	168499	50.965	ug/l	98

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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

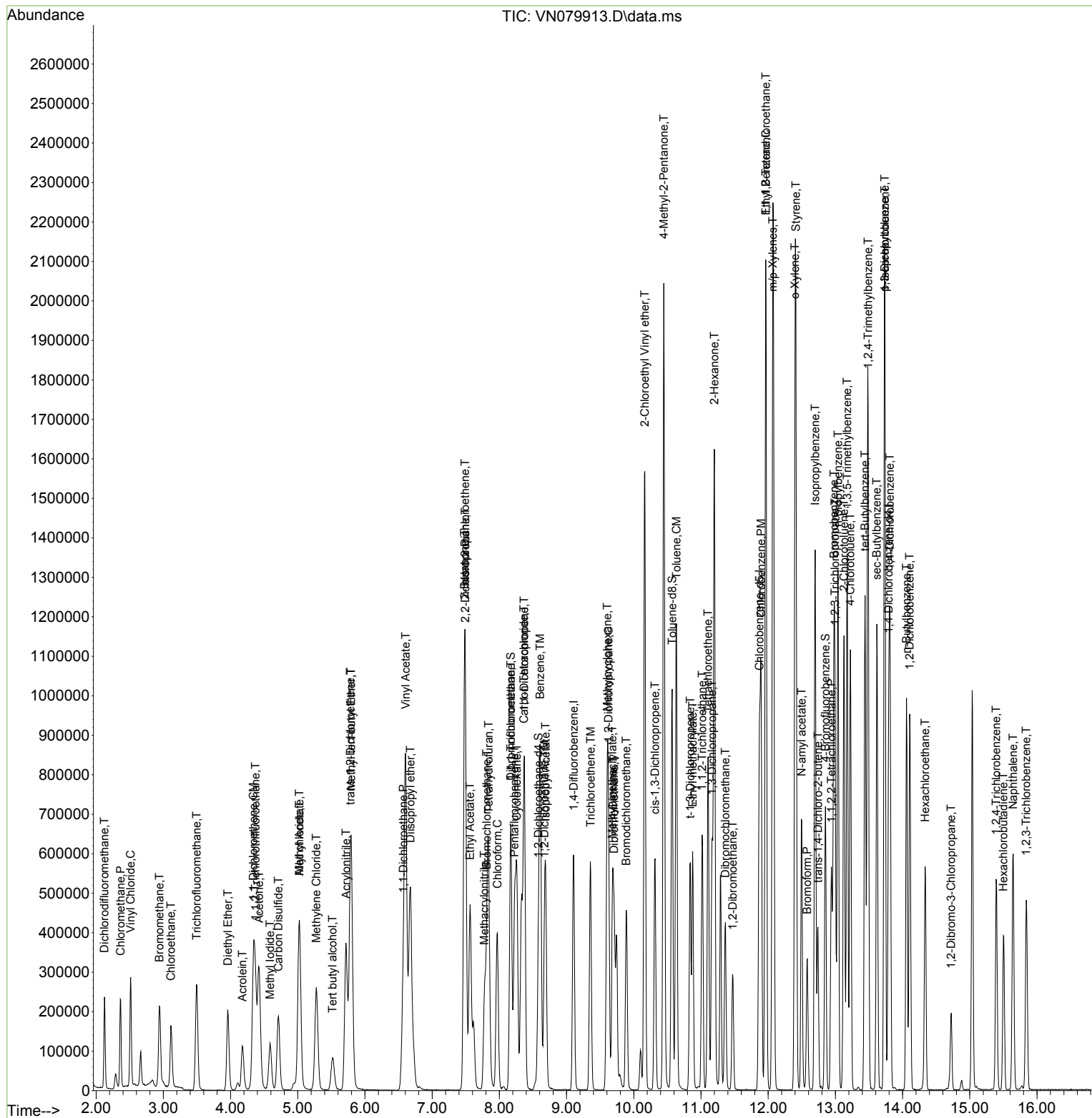
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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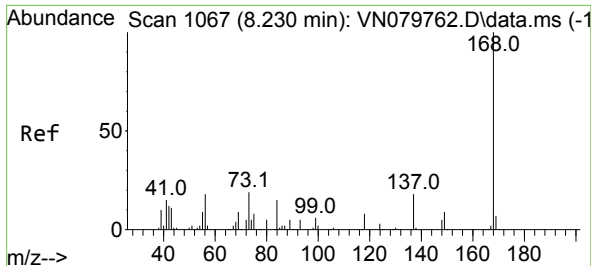
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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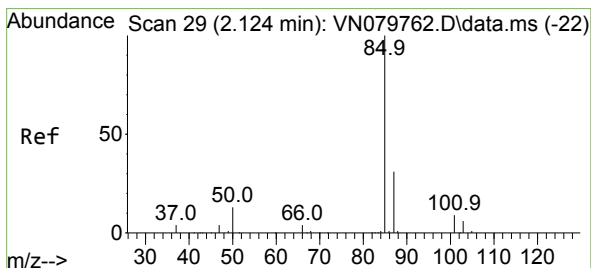
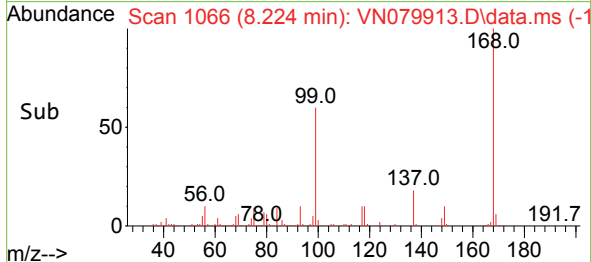
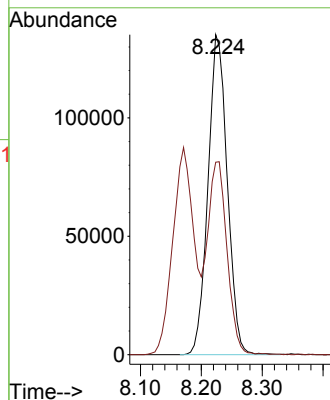
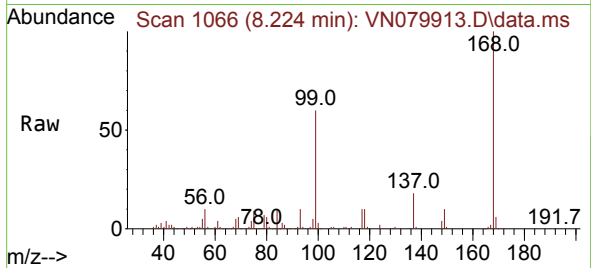




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
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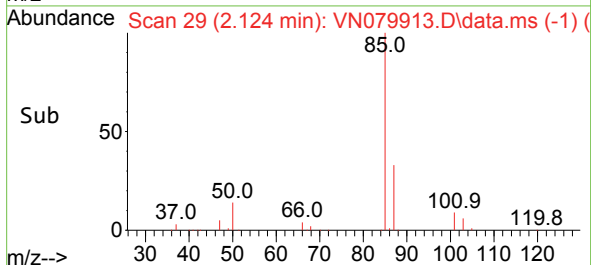
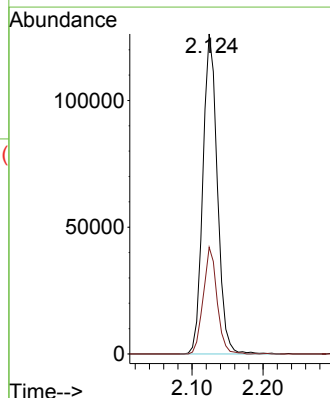
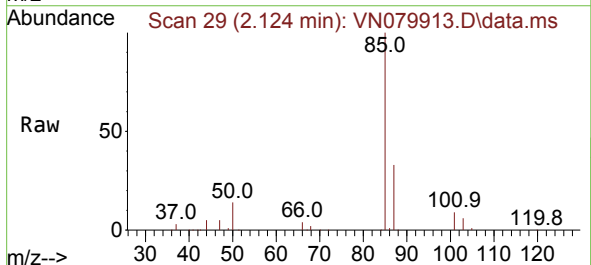
Instrument :
MSVOA_N
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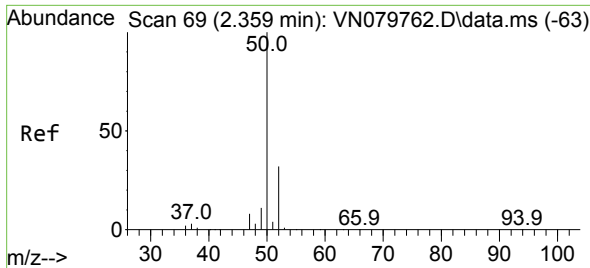
Tgt Ion:168 Resp: 297089
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 50.138 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 85 Resp: 179420
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4

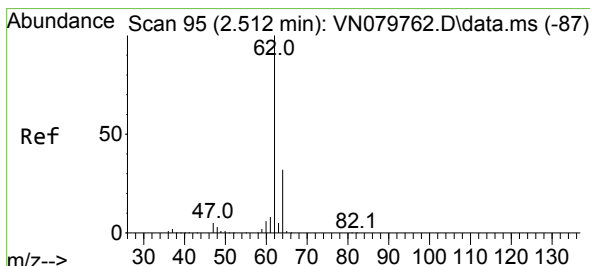
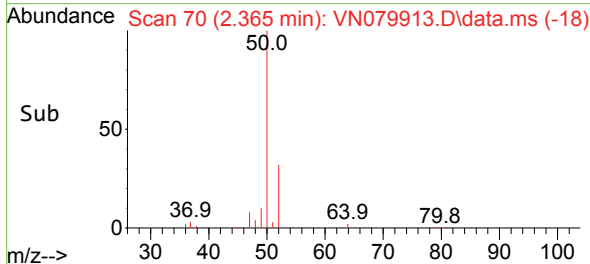
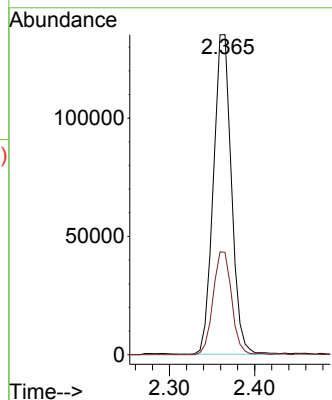
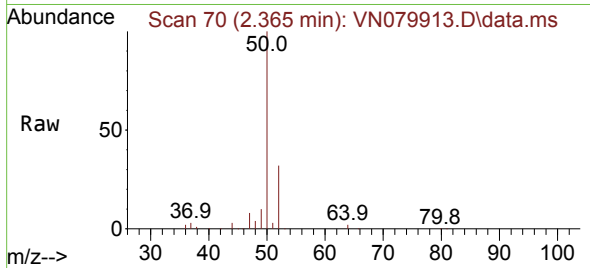




#3
Chloromethane
Concen: 44.400 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

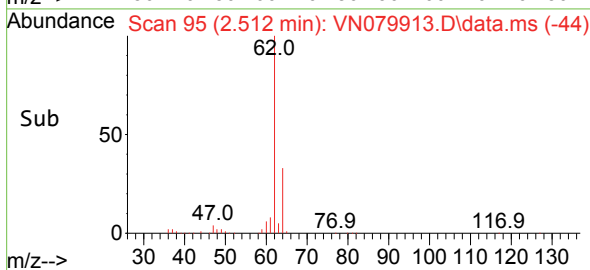
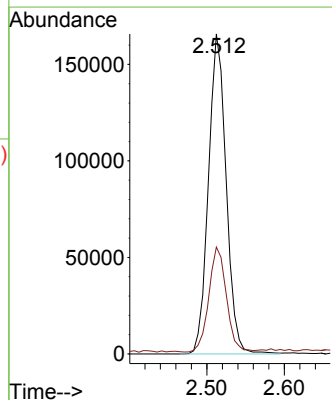
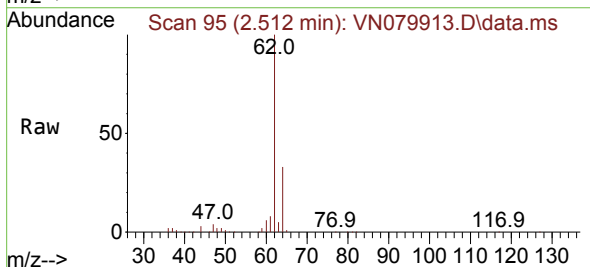
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MSVOA_N
ClientSampleId :

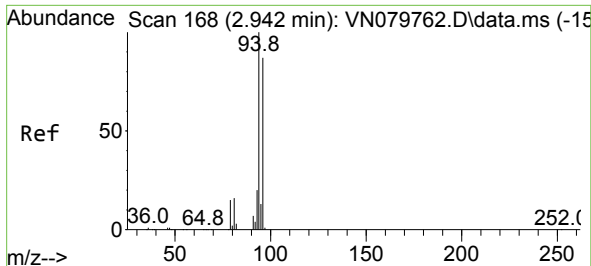
Tgt Ion: 50 Resp: 198823
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7



#4
Vinyl Chloride
Concen: 56.182 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 62 Resp: 263169
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2

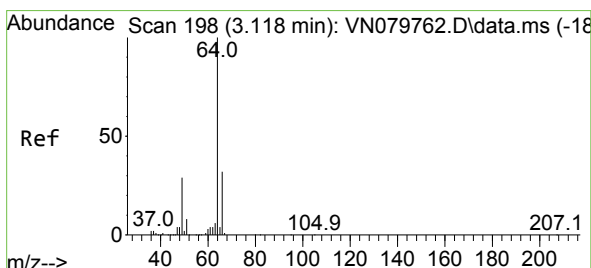
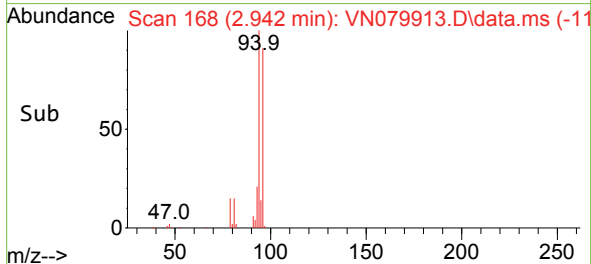
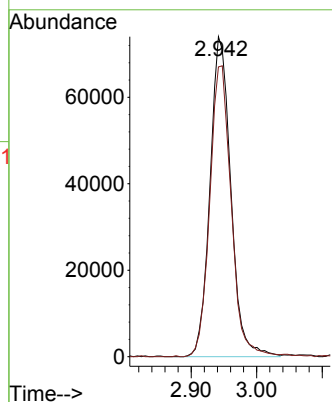
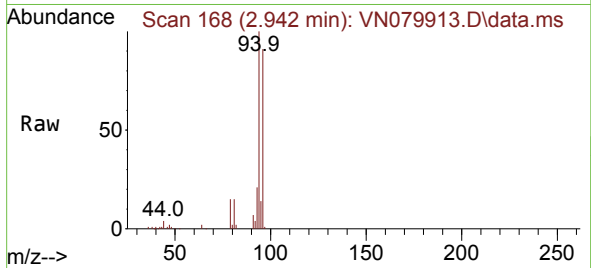




#5
Bromomethane
Concen: 57.427 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079913.D
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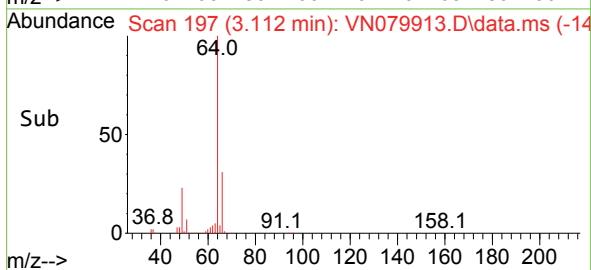
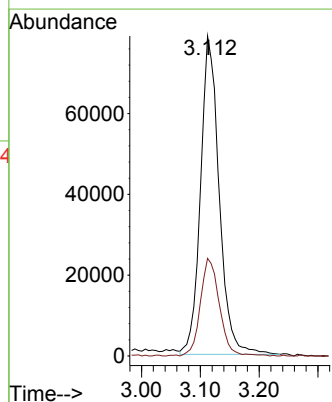
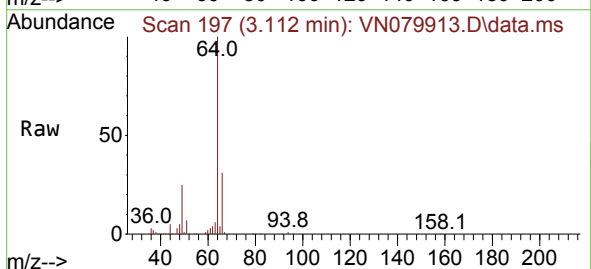
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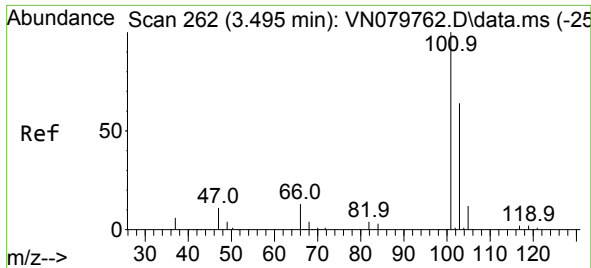
Tgt Ion: 94 Resp: 163446
Ion Ratio Lower Upper
94 100
96 90.6 73.1 109.7



#6
Chloroethane
Concen: 46.820 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079913.D
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Tgt Ion: 64 Resp: 173292
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2

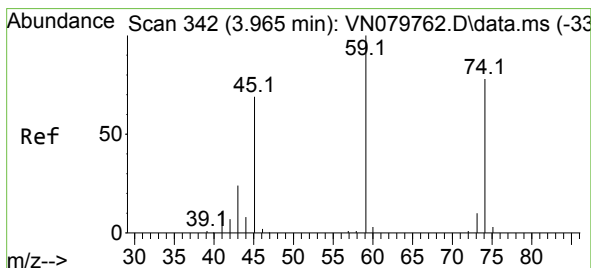
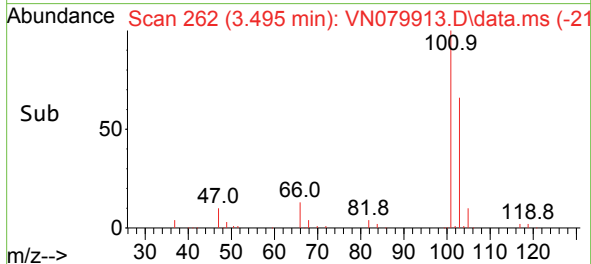
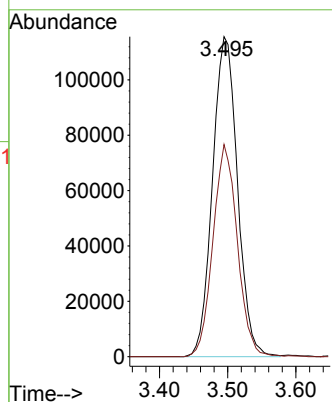
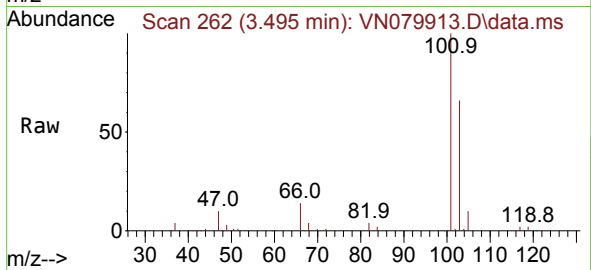




#7
 Trichlorofluoromethane
 Concen: 50.522 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

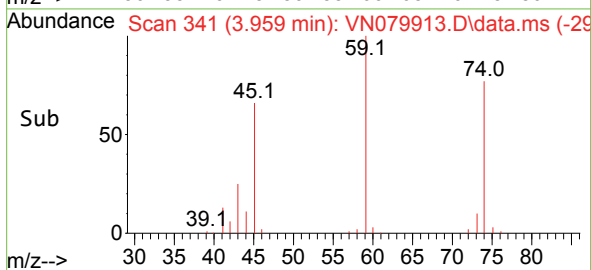
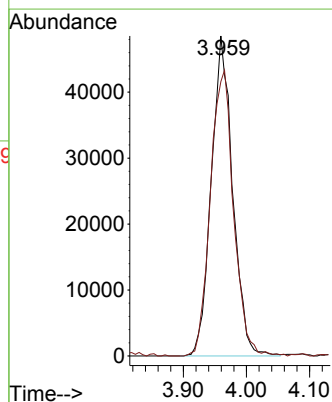
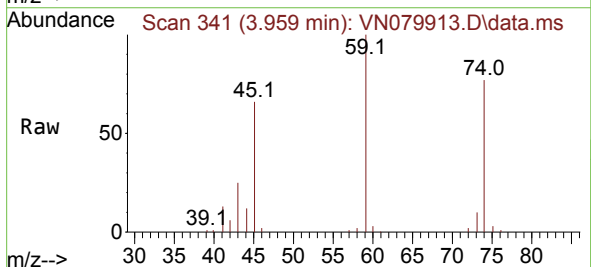
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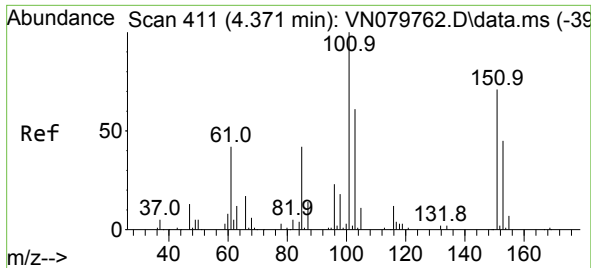
Tgt Ion:101 Resp: 294345
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.684 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 114269
 Ion Ratio Lower Upper
 74 100
 45 97.0 34.4 103.3

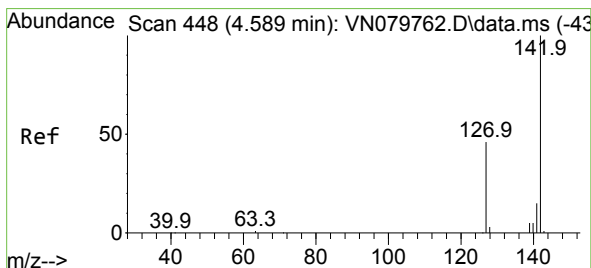
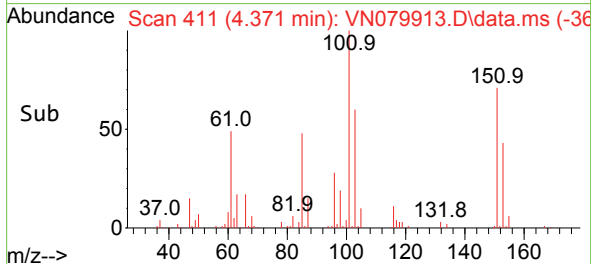
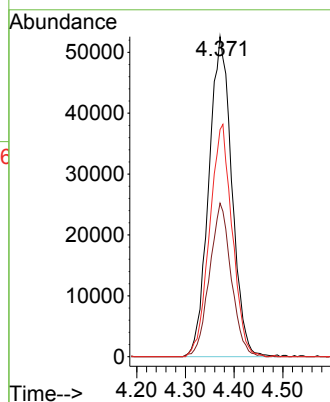
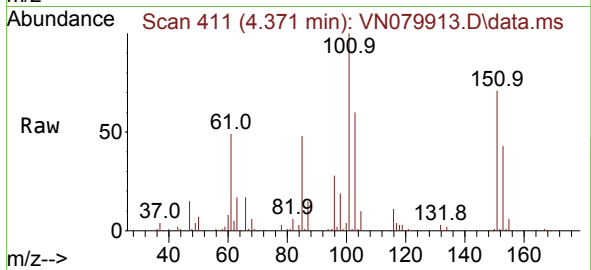




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.203 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

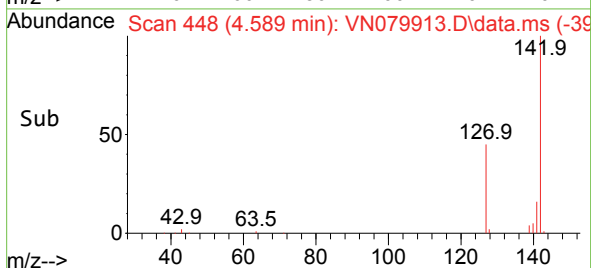
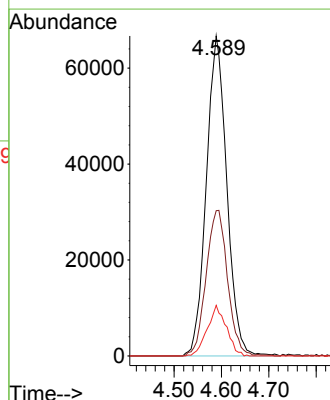
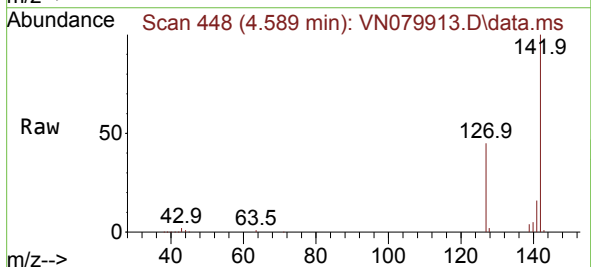
Instrument :
MSVOA_N
ClientSampleId :

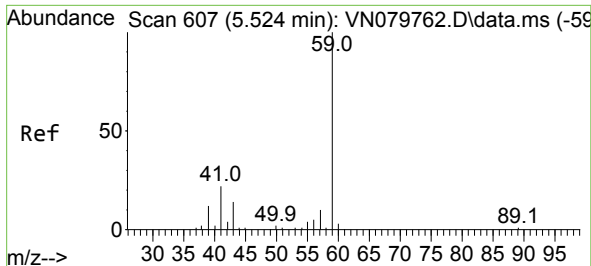
Tgt Ion:101 Resp: 172933
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 71.2 57.6 86.4



#10
Methyl Iodide
Concen: 52.050 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

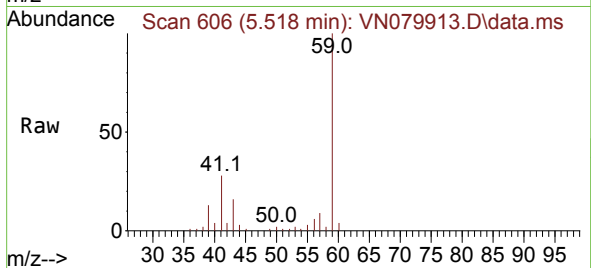
Tgt Ion:142 Resp: 200753
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 15.8 11.4 17.0



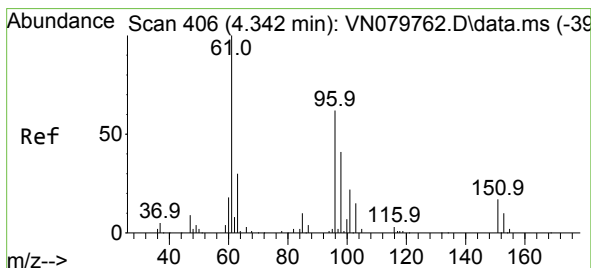
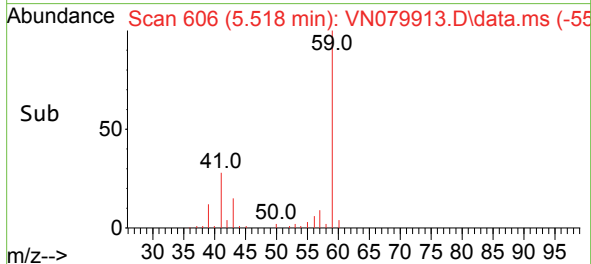
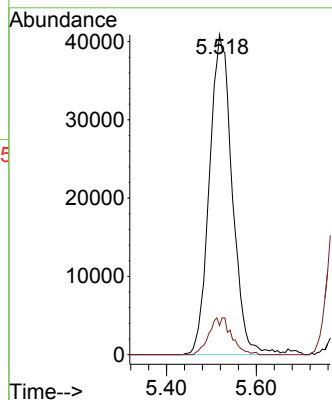


#11
Tert butyl alcohol
Concen: 249.963 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :

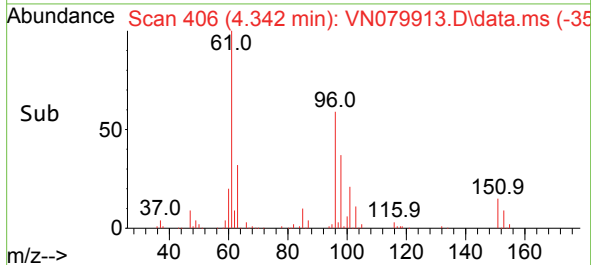
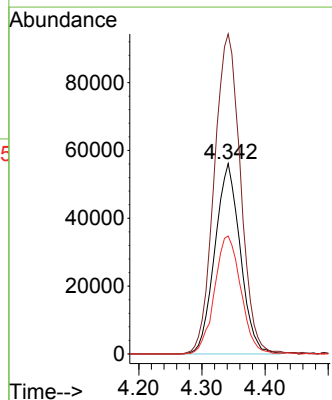
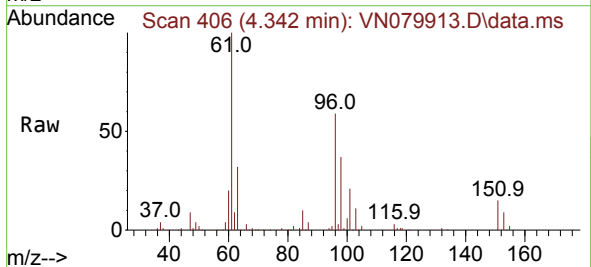


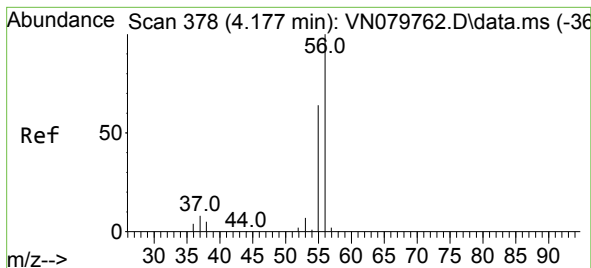
Tgt Ion: 59 Resp: 144427
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 48.989 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 96 Resp: 156660
Ion Ratio Lower Upper
96 100
61 168.1 112.7 169.1
98 61.9 51.2 76.8





#13

Acrolein

Concen: 344.313 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

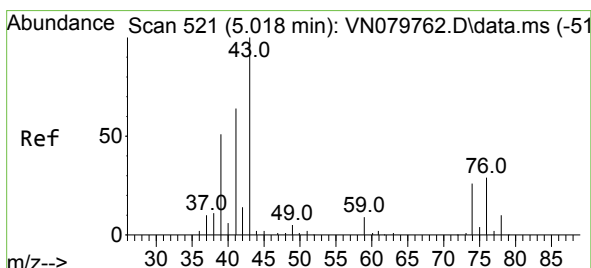
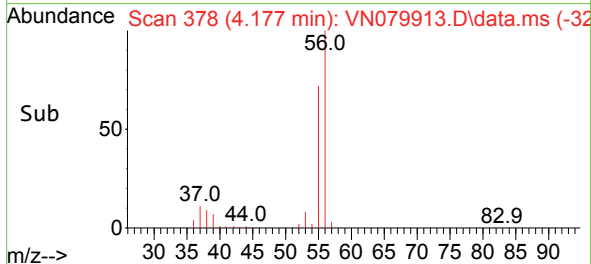
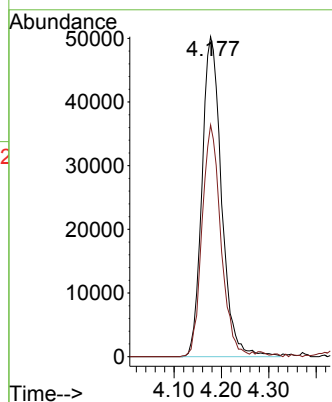
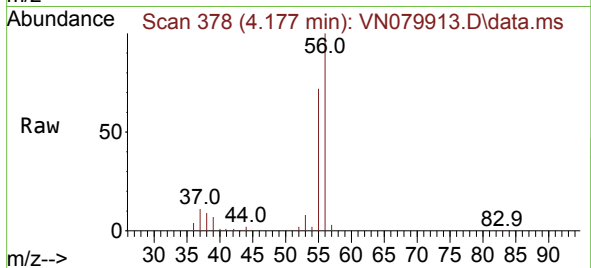
ClientSampleId :

Tgt Ion: 56 Resp: 143813

Ion Ratio Lower Upper

56 100

55 69.9 54.5 81.7



#14

Allyl chloride

Concen: 53.889 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

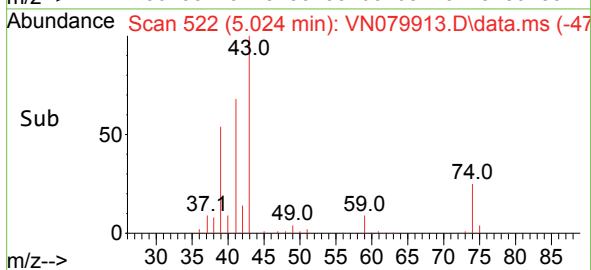
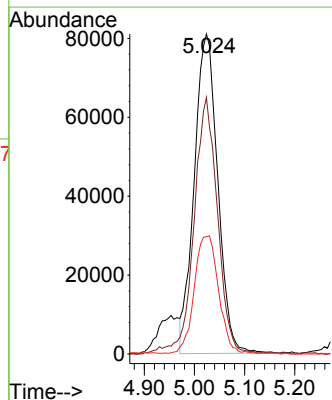
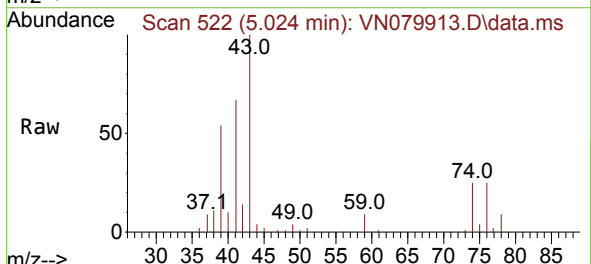
Tgt Ion: 41 Resp: 263942

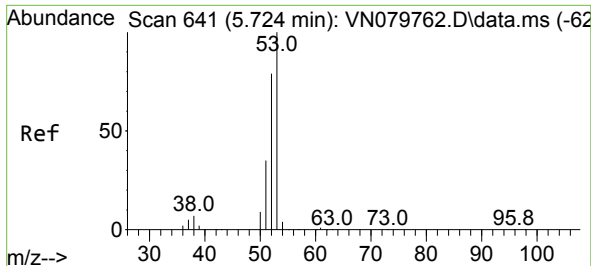
Ion Ratio Lower Upper

41 100

39 80.3 58.8 88.2

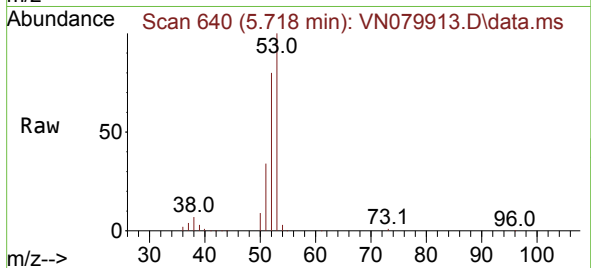
76 37.8 39.1 58.7#



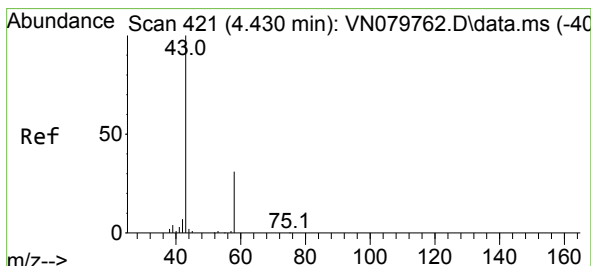
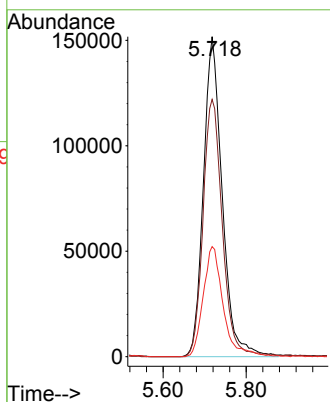
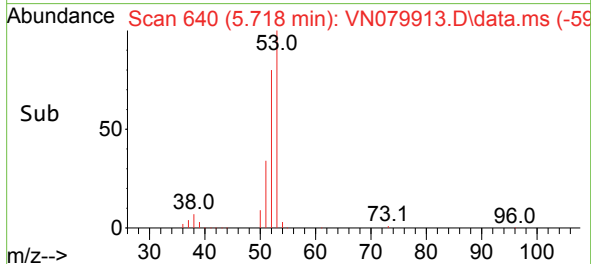


#15
Acrylonitrile
Concen: 264.794 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :

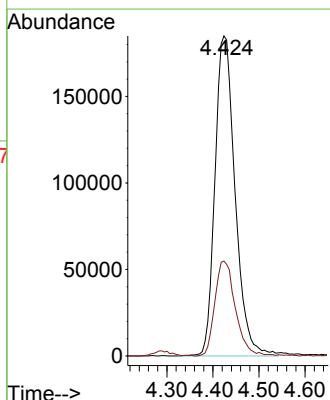
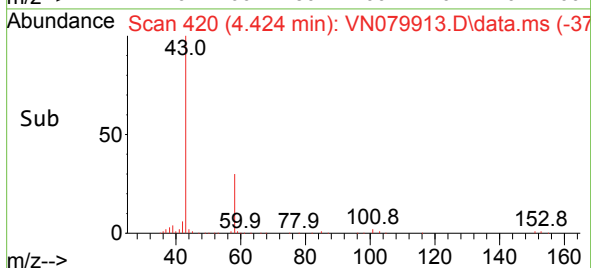
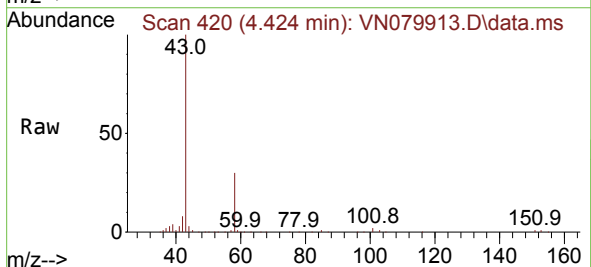


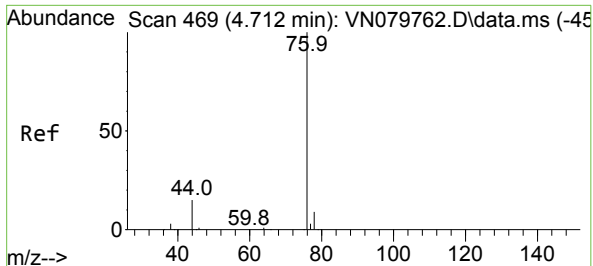
Tgt Ion: 53 Resp: 476791
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 353.010 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 43 Resp: 561247
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0

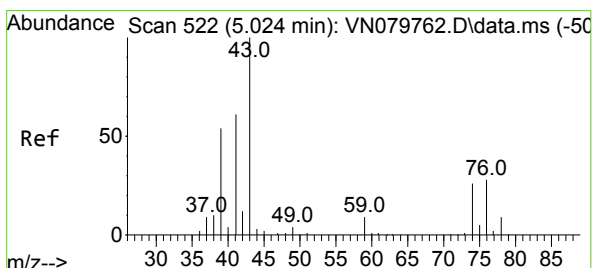
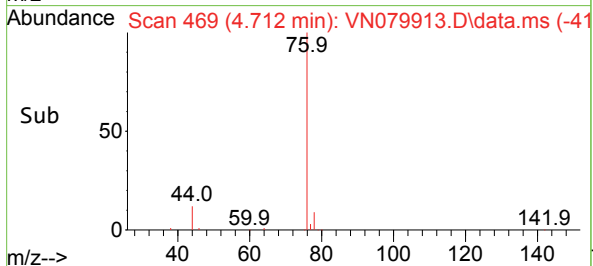
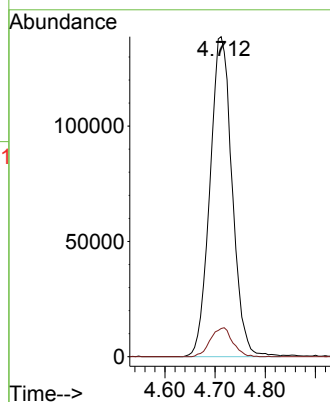
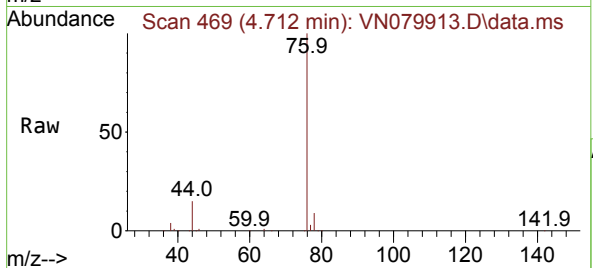




#17
Carbon Disulfide
Concen: 46.360 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

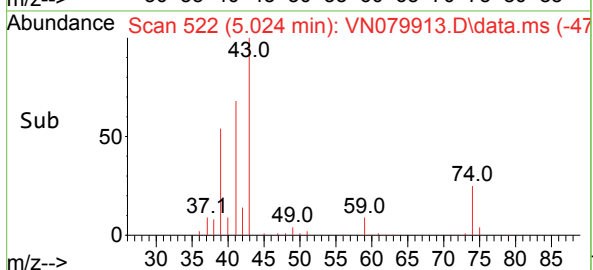
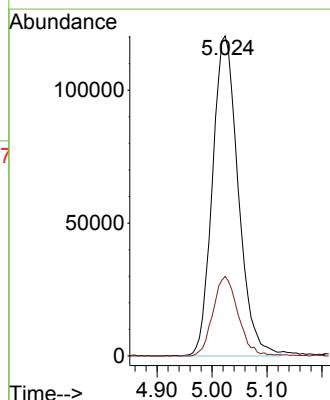
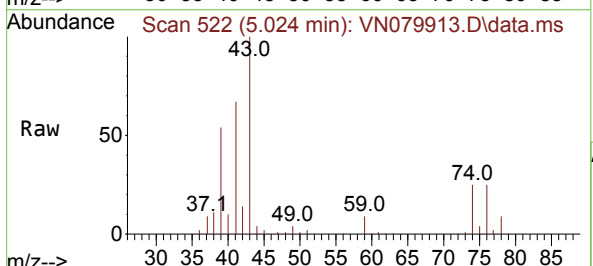
Instrument :
MSVOA_N
ClientSampleId :

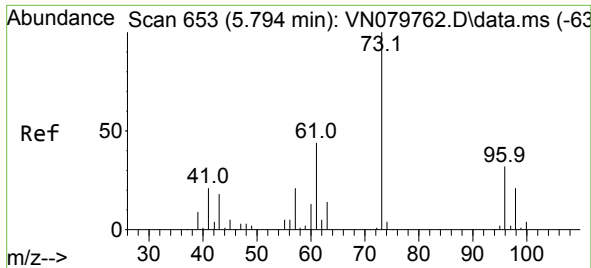
Tgt Ion: 76 Resp: 427626
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 51.668 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 43 Resp: 393014
Ion Ratio Lower Upper
43 100
74 24.4 26.2 39.4#

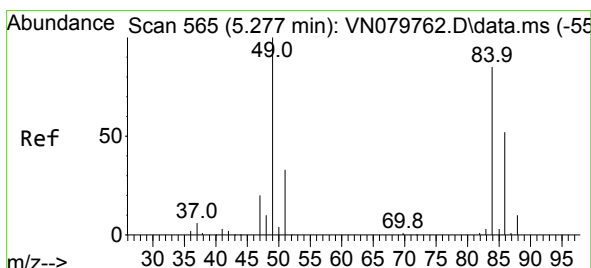
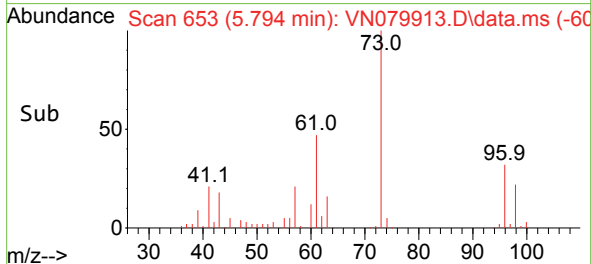
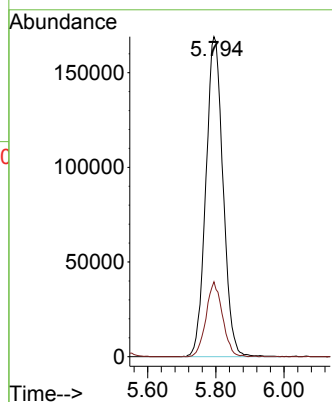
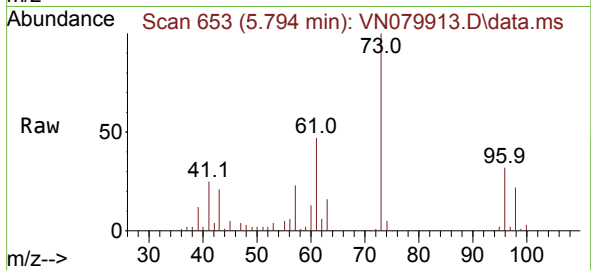




#19
Methyl tert-butyl Ether
Concen: 53.682 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

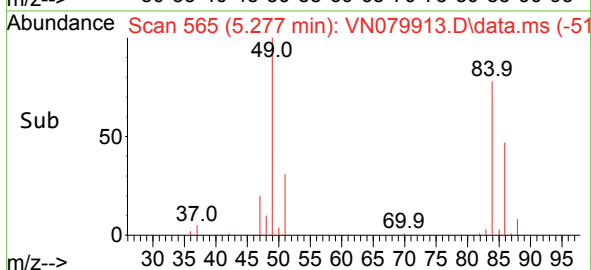
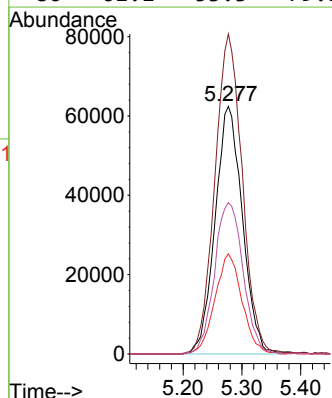
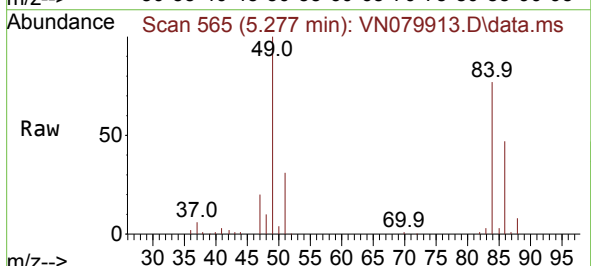
Instrument :
MSVOA_N
ClientSampleId :

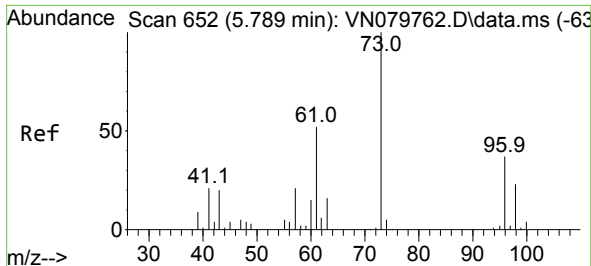
Tgt Ion: 73 Resp: 591019
Ion Ratio Lower Upper
73 100
57 23.4 15.6 23.4#



#20
Methylene Chloride
Concen: 50.196 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 84 Resp: 201372
Ion Ratio Lower Upper
84 100
49 129.3 79.7 119.5#
51 40.5 25.2 37.8#
86 61.1 53.3 79.9

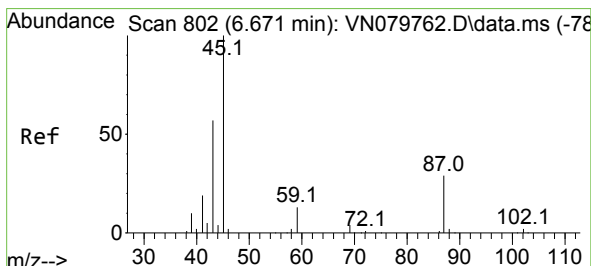
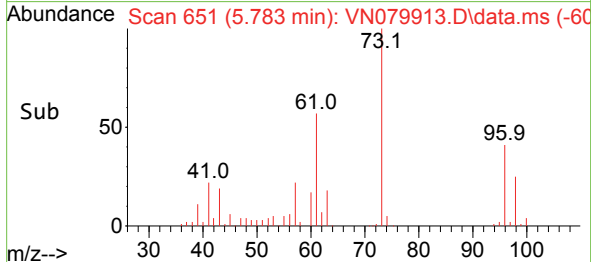
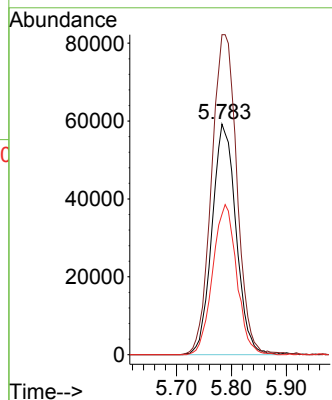
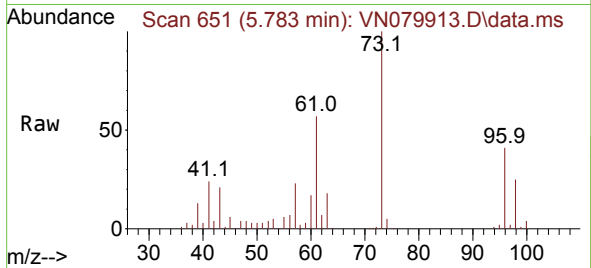




#21
trans-1,2-Dichloroethene
Concen: 50.423 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

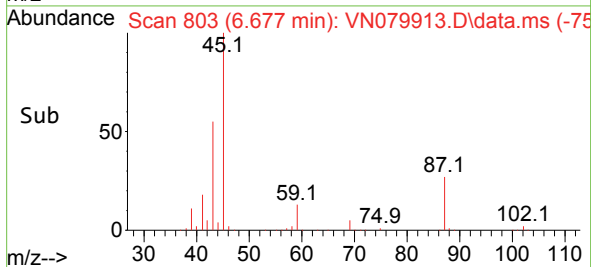
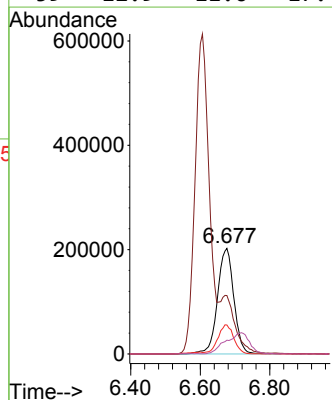
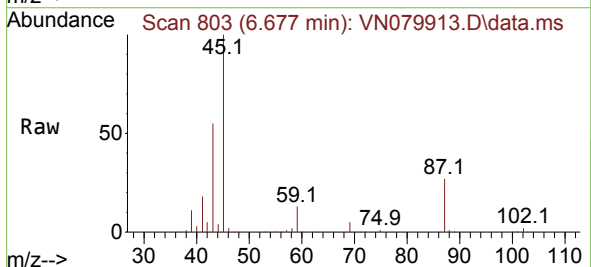
Instrument :
MSVOA_N
ClientSampleId :

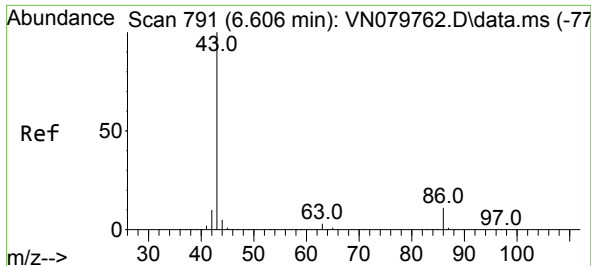
Tgt Ion: 96 Resp: 179835
Ion Ratio Lower Upper
96 100
61 138.7 90.1 135.1#
98 60.8 46.4 69.6



#22
Diisopropyl ether
Concen: 58.218 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 45 Resp: 660805
Ion Ratio Lower Upper
45 100
43 54.7 45.5 68.3
87 27.4 31.8 47.8#
59 12.9 11.6 17.4

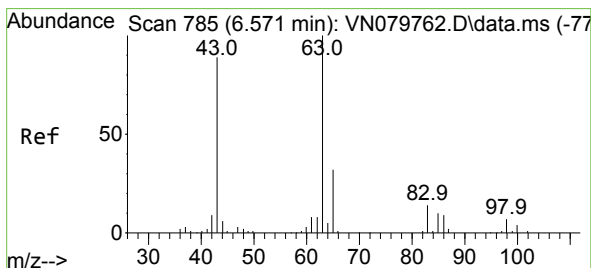
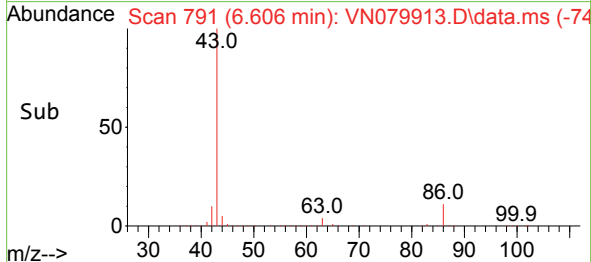
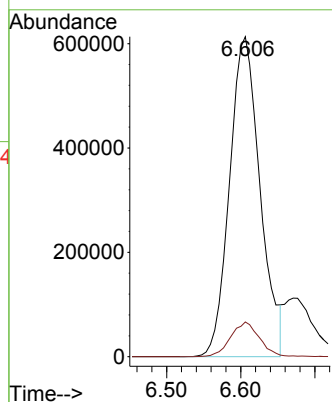
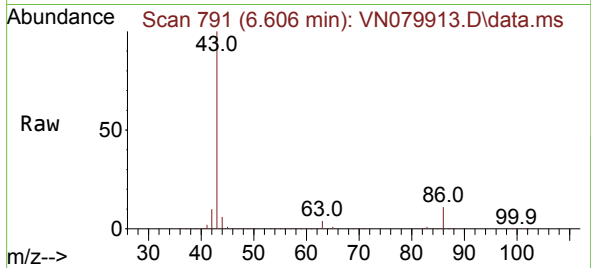




#23
 Vinyl Acetate
 Concen: 280.168 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

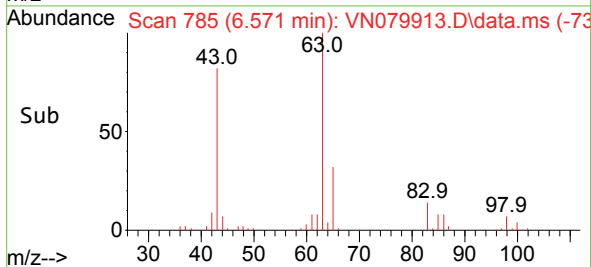
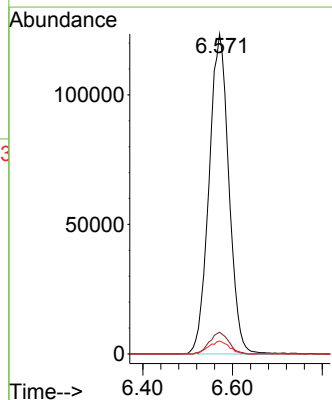
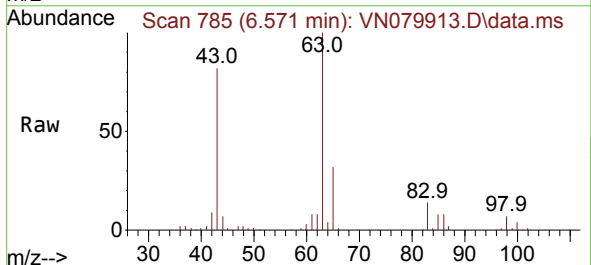
Instrument :
 MSVOA_N
 ClientSampleId :

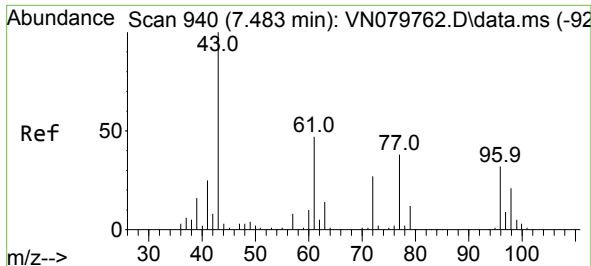
Tgt Ion: 43 Resp: 1754104
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.977 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

Tgt Ion: 63 Resp: 379279
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.1 2.5 7.4

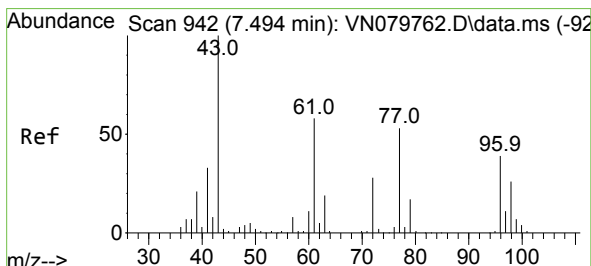
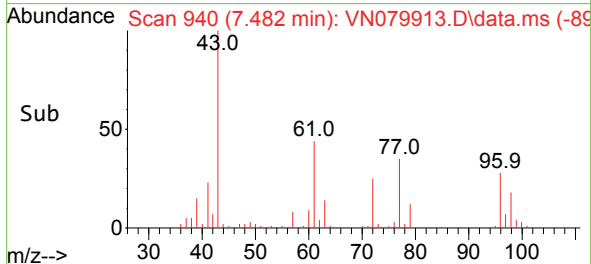
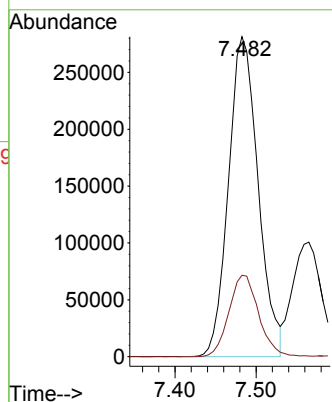
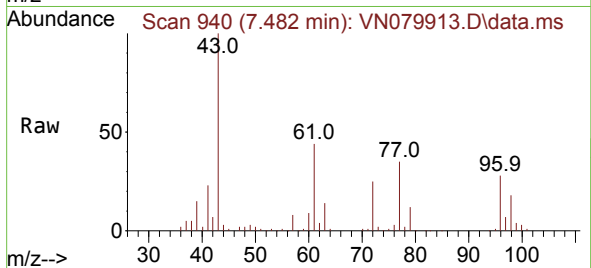




#25
2-Butanone
Concen: 307.559 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

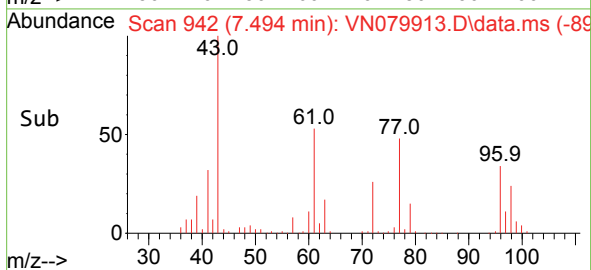
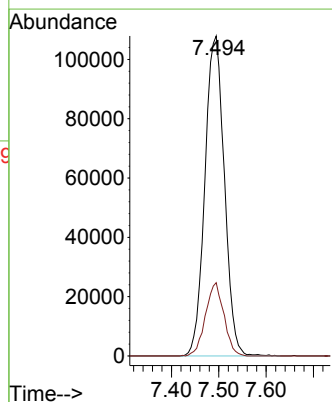
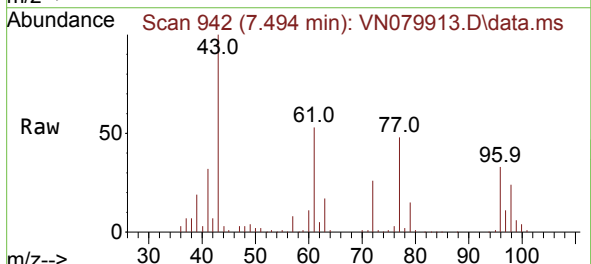
Instrument :
MSVOA_N
ClientSampleId :

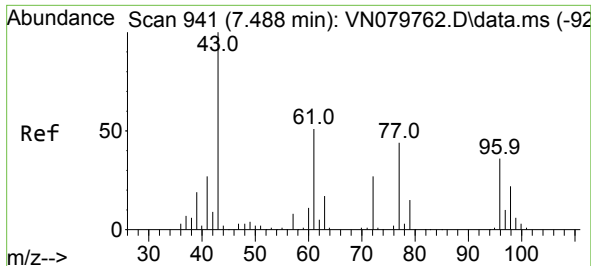
Tgt Ion: 43 Resp: 716048
Ion Ratio Lower Upper
43 100
72 25.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 53.962 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

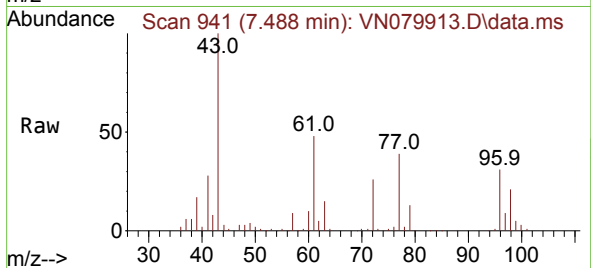
Tgt Ion: 77 Resp: 307881
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





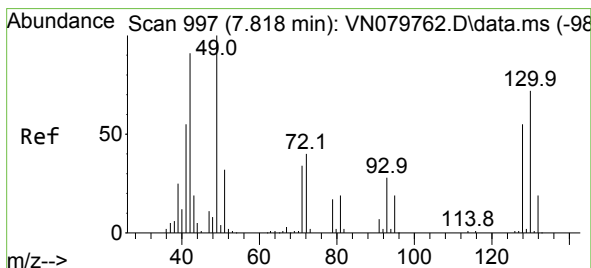
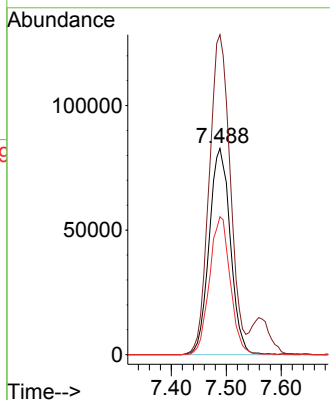
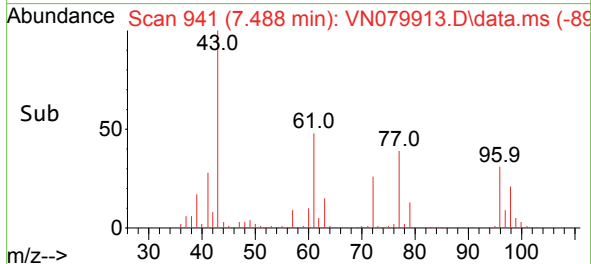
#27
 cis-1,2-Dichloroethene
 Concen: 52.031 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 221972

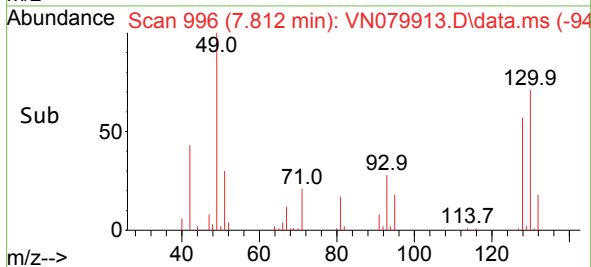
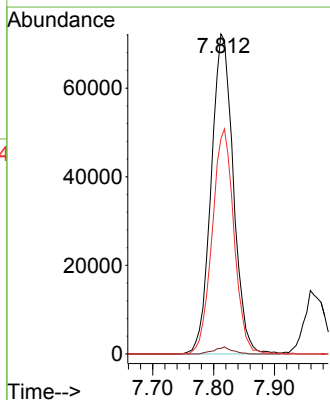
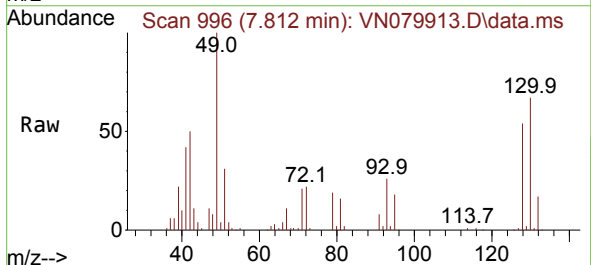
Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	255.2
98	65.5	0.0	128.8

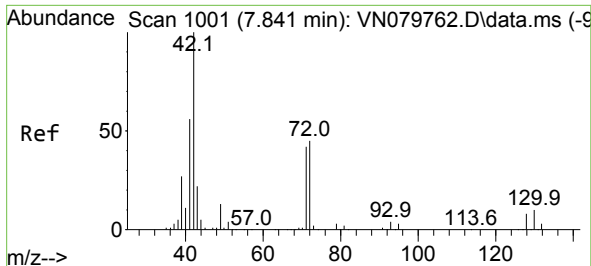


#28
 Bromochloromethane
 Concen: 54.271 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

Tgt Ion: 49 Resp: 182463

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	69.3	75.3	112.9





#29

Tetrahydrofuran

Concen: 274.343 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

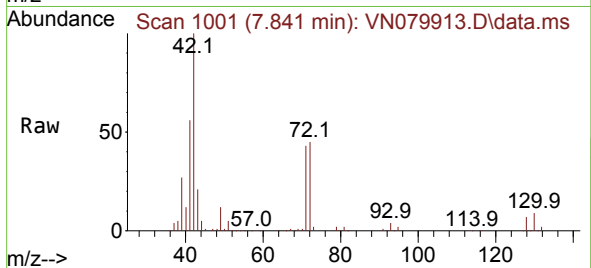
Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

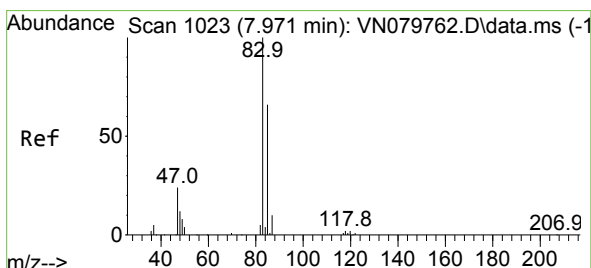
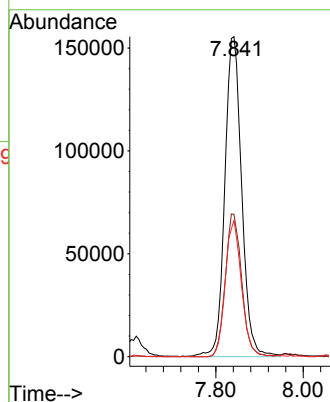
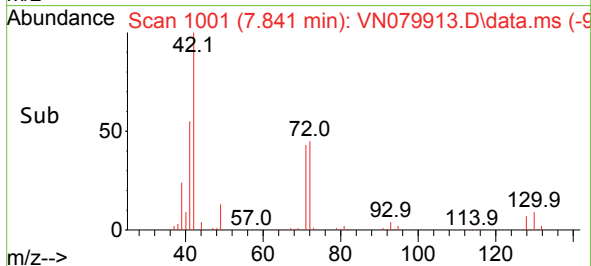
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	415557
Ion	Ratio	Lower	Upper
42	100		
72	43.3	49.8	74.6#
71	40.8	47.4	71.2#



#30

Chloroform

Concen: 51.048 ug/l

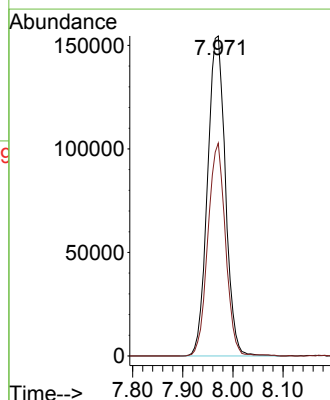
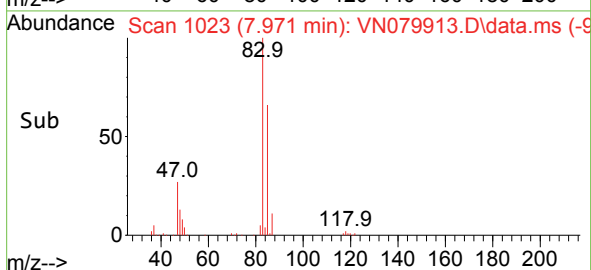
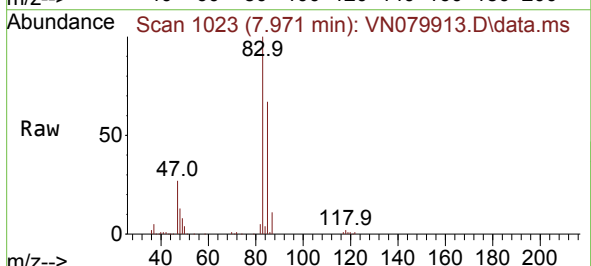
RT: 7.971 min Scan# 1023

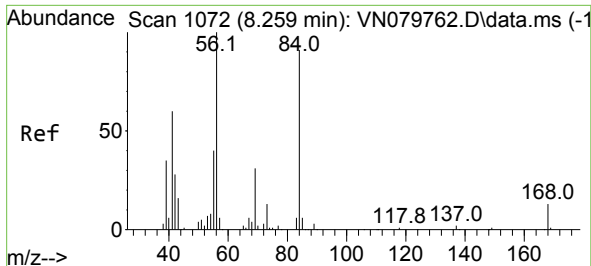
Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

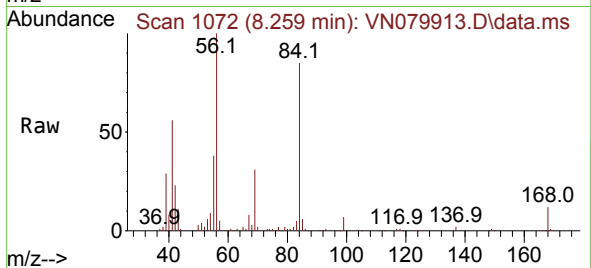
Tgt Ion:	83	Resp:	382544
Ion	Ratio	Lower	Upper
83	100		
85	66.5	55.4	83.0



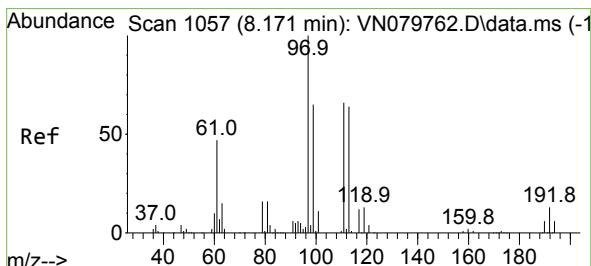
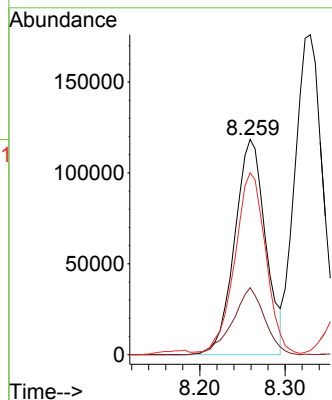
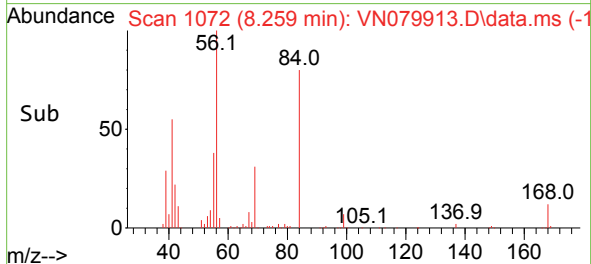


#31
Cyclohexane
Concen: 49.991 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Instrument :
MSVOA_N
ClientSampleId :

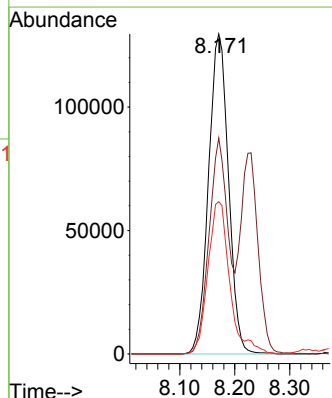
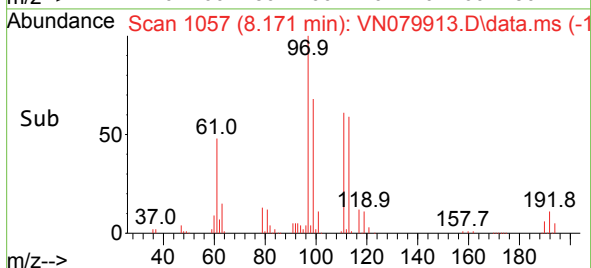
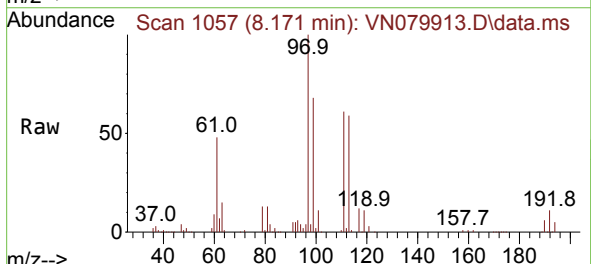


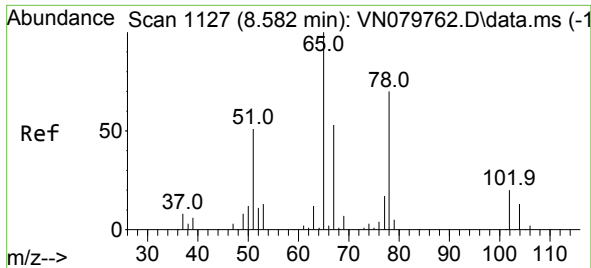
Tgt Ion: 56 Resp: 298996
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 82.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 53.524 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 97 Resp: 326818
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 52.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.814 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

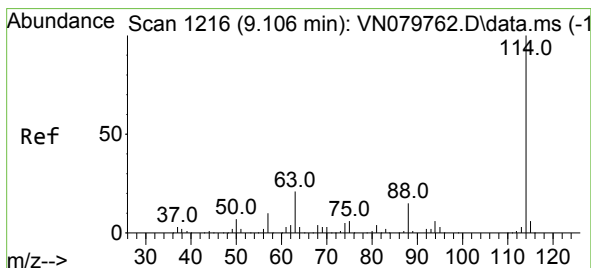
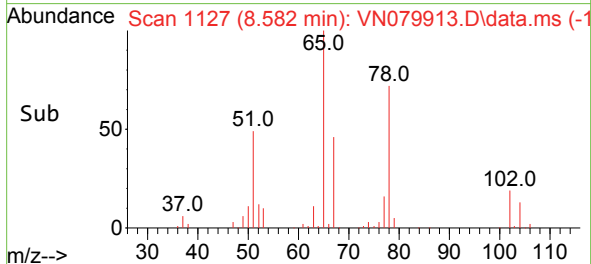
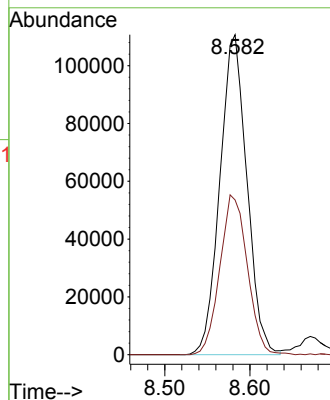
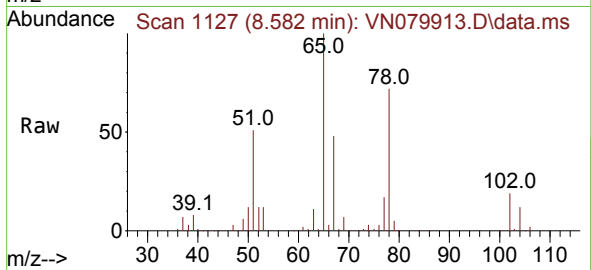
ClientSampleId :

Tgt Ion: 65 Resp: 243577

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

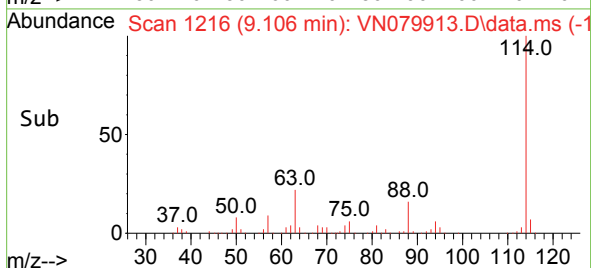
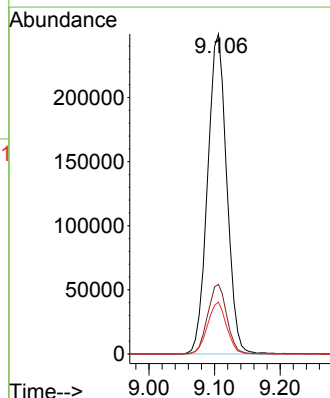
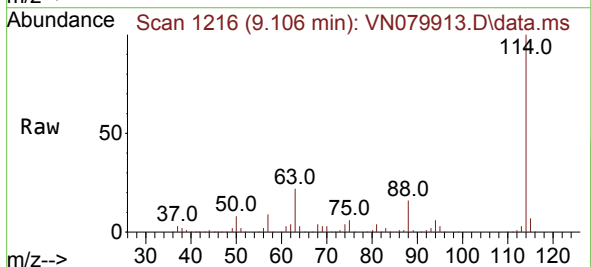
Tgt Ion: 114 Resp: 506244

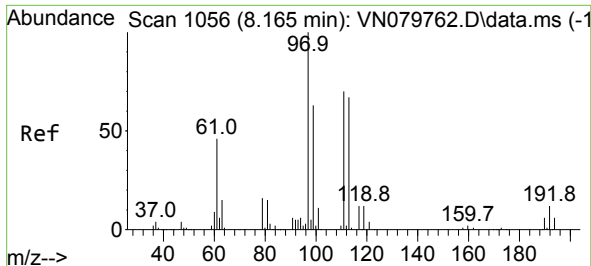
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 16.2 0.0 30.6

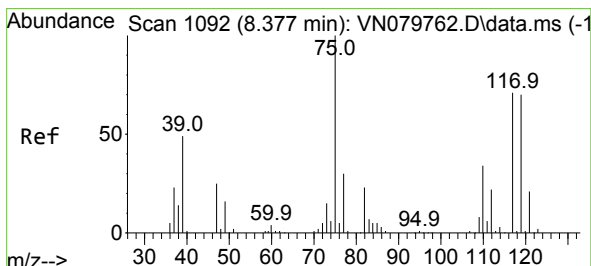
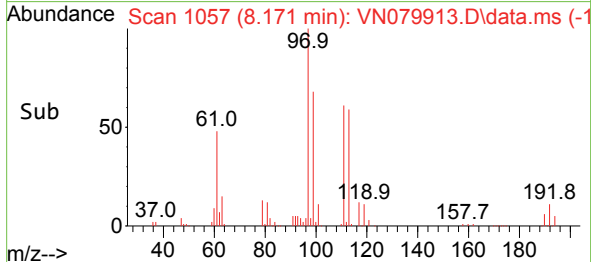
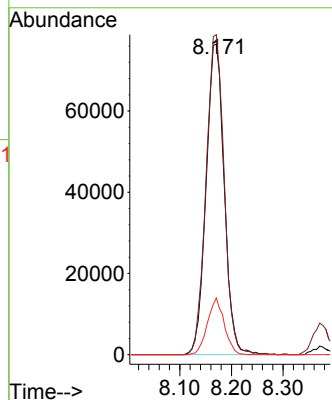
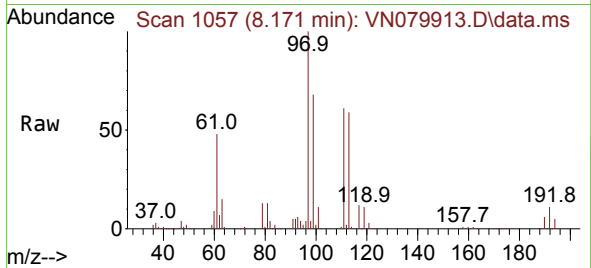




#35
Dibromofluoromethane
Concen: 52.102 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

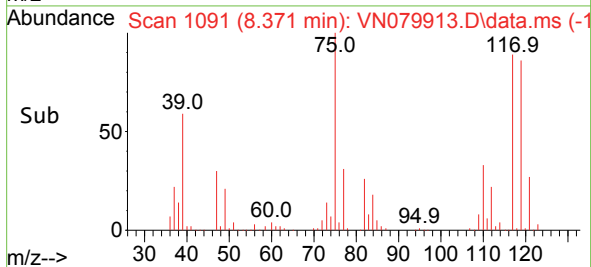
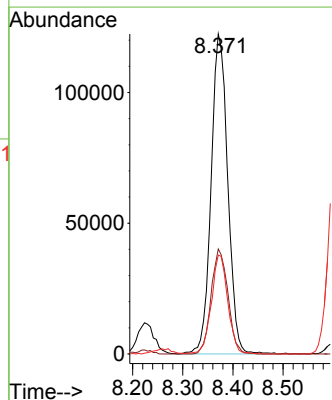
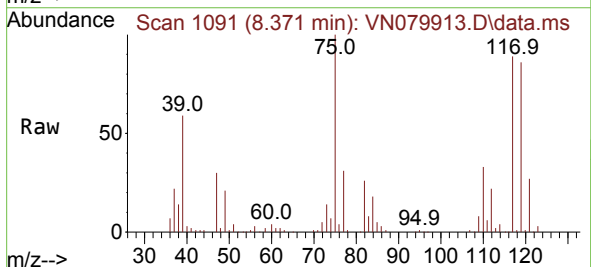
Instrument :
MSVOA_N
ClientSampleId :

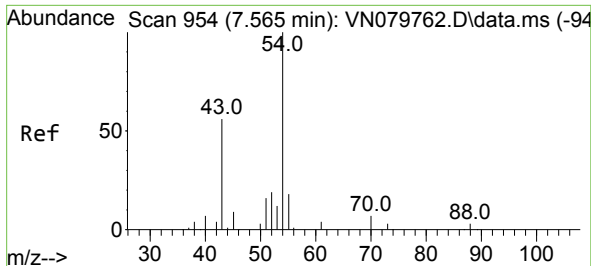
Tgt Ion:113 Resp: 186680
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 55.226 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 75 Resp: 282528
Ion Ratio Lower Upper
75 100
110 33.0 19.1 57.3
77 30.6 25.0 37.4

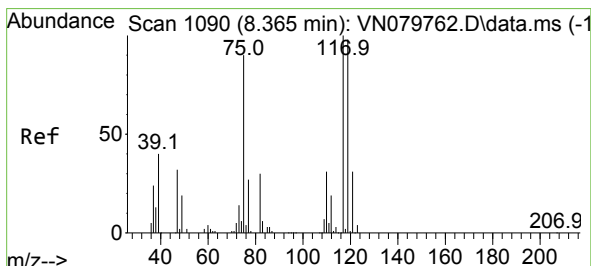
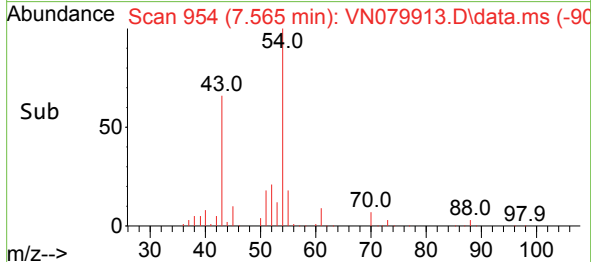
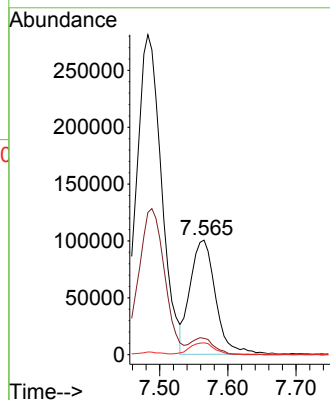
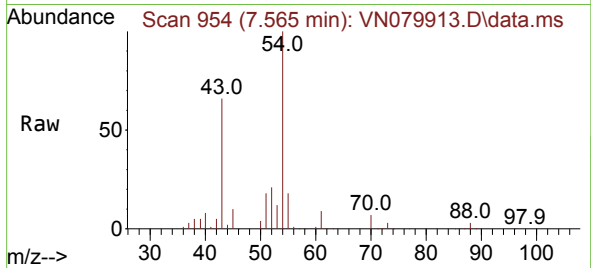




#37
Ethyl Acetate
Concen: 55.324 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

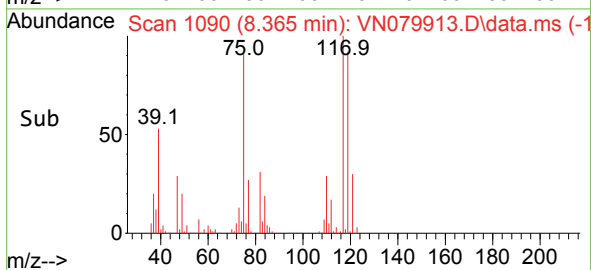
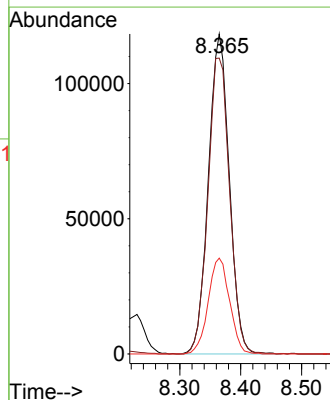
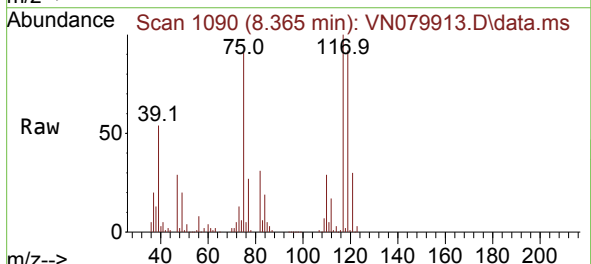
Instrument :
MSVOA_N
ClientSampleId :

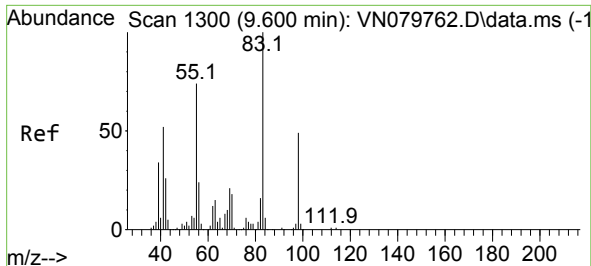
Tgt Ion: 43 Resp: 259575
Ion Ratio Lower Upper
43 100
61 14.0 13.2 19.8
70 10.3 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 54.679 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 117 Resp: 281922
Ion Ratio Lower Upper
117 100
119 92.5 77.3 115.9
121 29.9 23.3 34.9

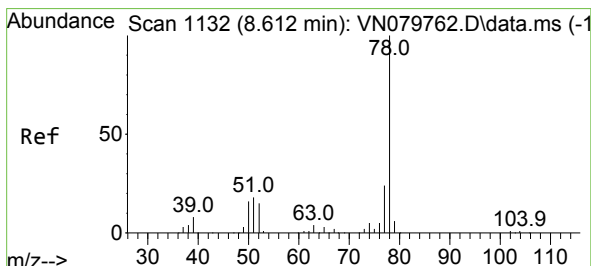
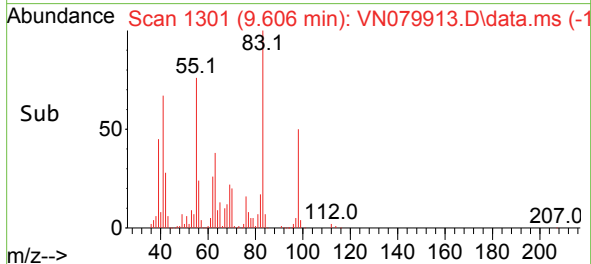
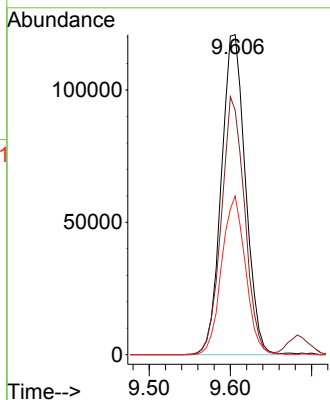
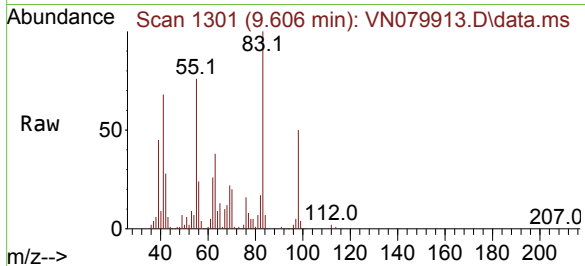




#39
Methylcyclohexane
Concen: 51.770 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

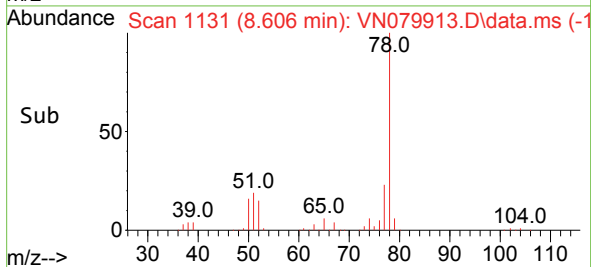
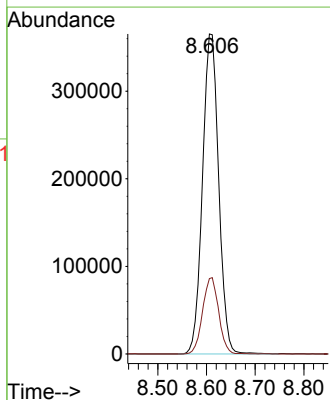
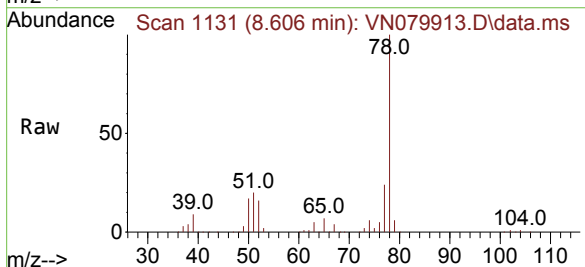
Instrument :
MSVOA_N
ClientSampleId :

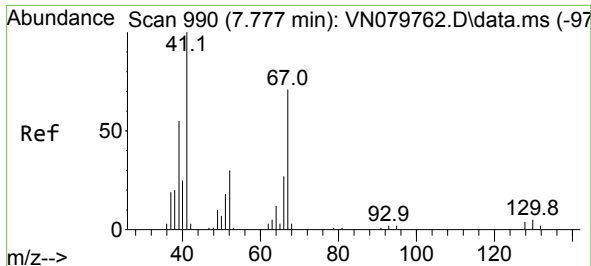
Tgt Ion: 83 Resp: 249251
Ion Ratio Lower Upper
83 100
55 76.4 49.1 73.7#
98 49.6 40.6 61.0



#40
Benzene
Concen: 54.884 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 78 Resp: 840976
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

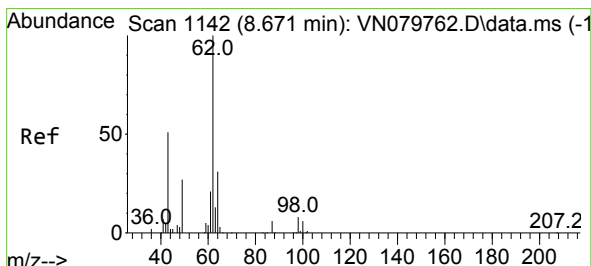
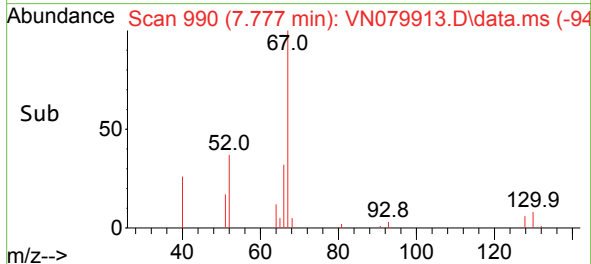
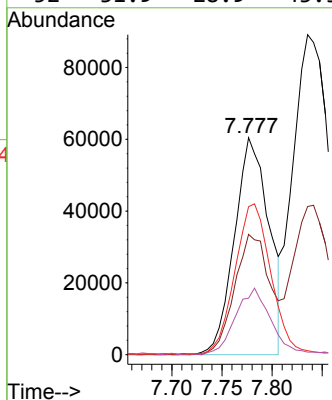
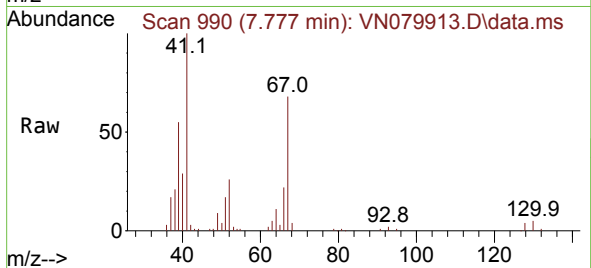




#41
Methacrylonitrile
Concen: 58.119 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

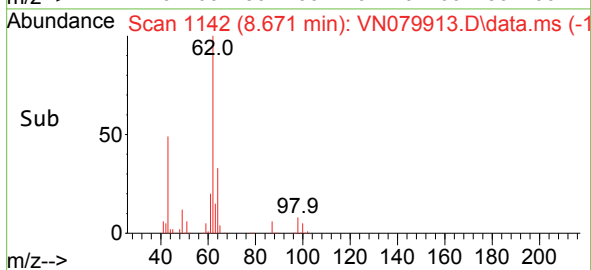
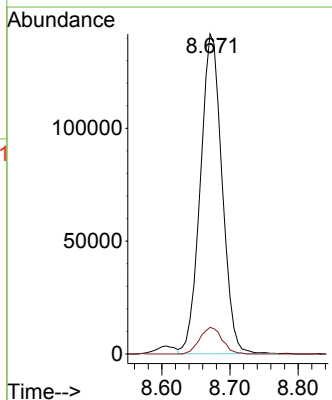
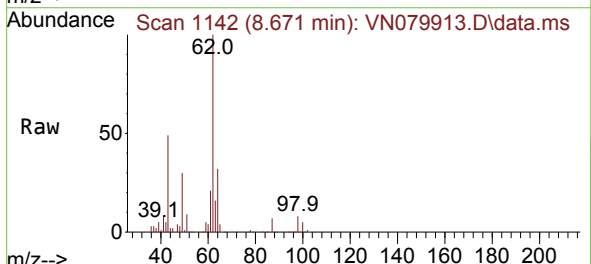
Instrument :
MSVOA_N
ClientSampleId :

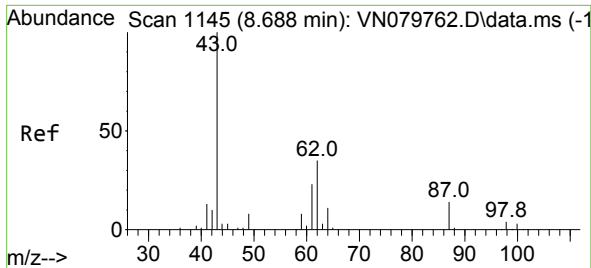
Tgt Ion:	41	Resp:	144804
Ion	Ratio	Lower	Upper
41	100		
39	56.4	42.6	64.0
67	73.4	77.5	116.3
52	31.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 58.481 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion:	62	Resp:	313011
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8

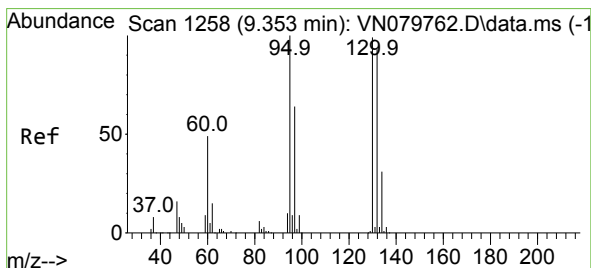
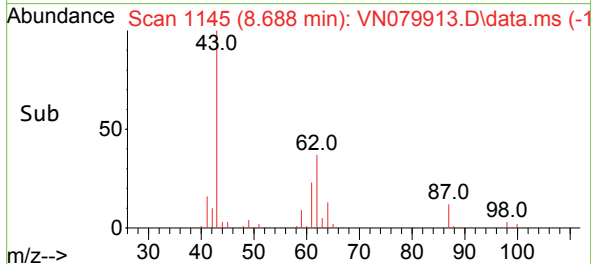
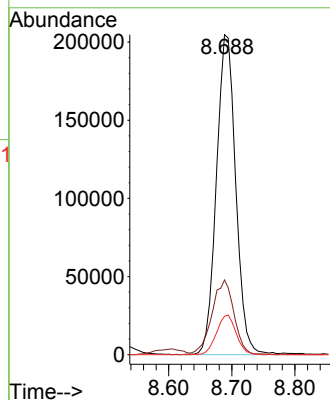
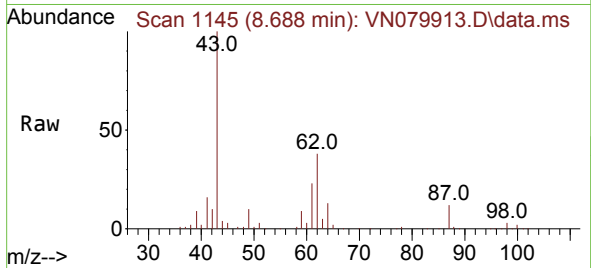




#43
Isopropyl Acetate
Concen: 53.018 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

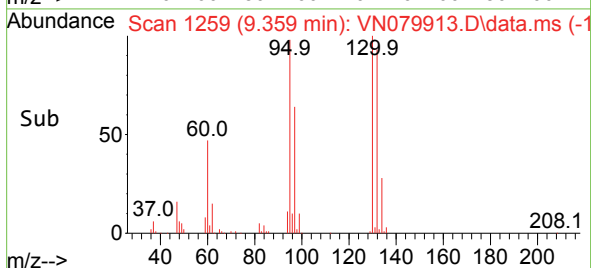
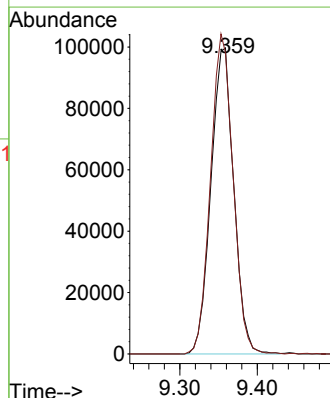
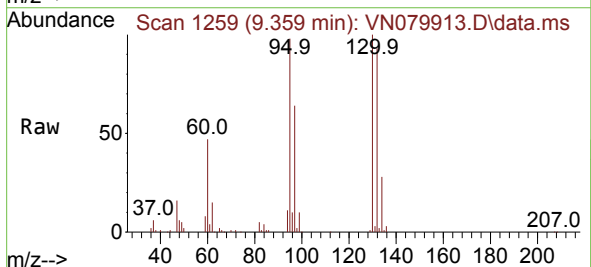
Instrument :
MSVOA_N
ClientSampleId :

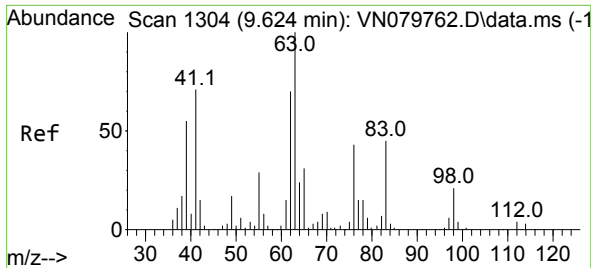
Tgt Ion: 43 Resp: 436243
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 12.5 14.6 21.8#



#44
Trichloroethene
Concen: 53.676 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion:130 Resp: 204091
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.6

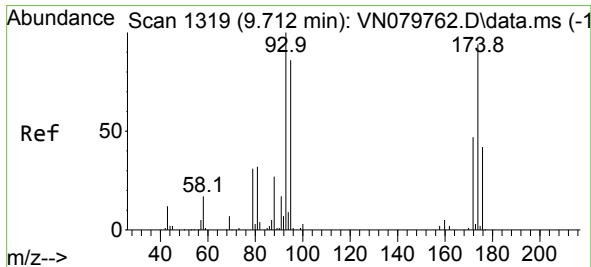
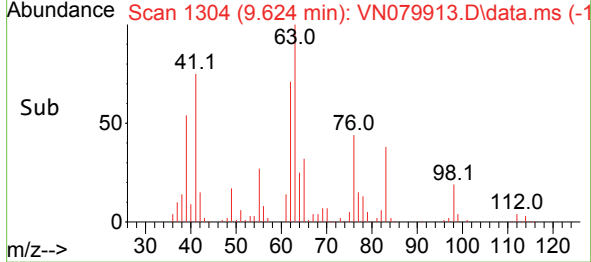
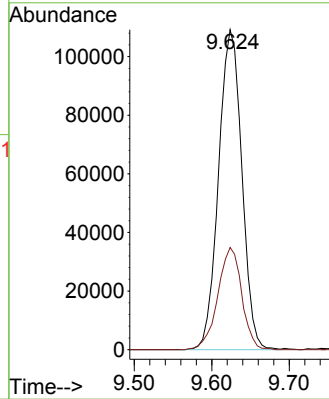
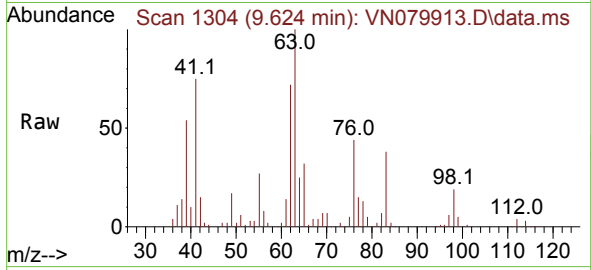




#45
1,2-Dichloropropane
Concen: 58.174 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

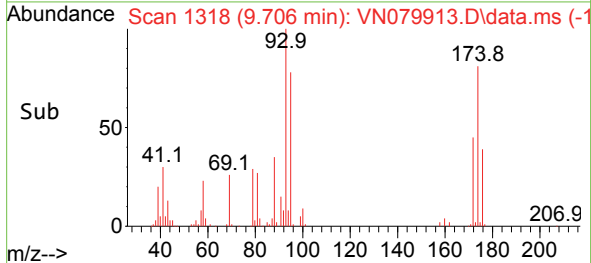
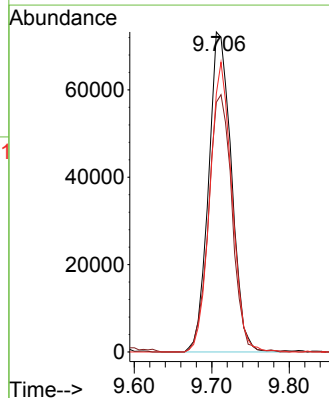
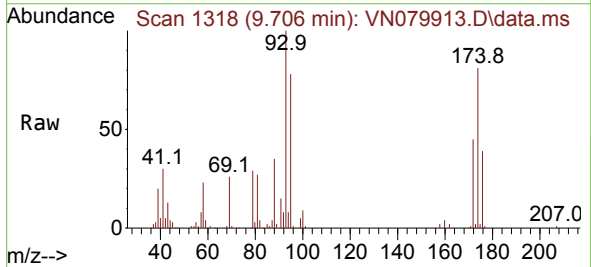
Instrument :
MSVOA_N
ClientSampleId :

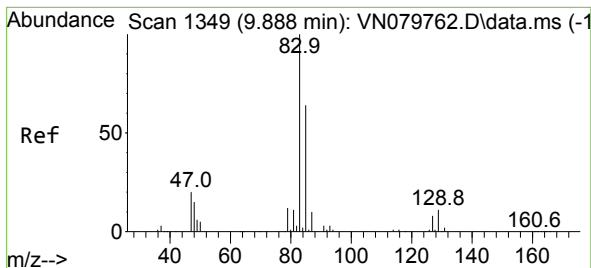
Tgt Ion: 63 Resp: 227800
Ion Ratio Lower Upper
63 100
65 32.0 23.9 35.9



#46
Dibromomethane
Concen: 56.306 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 93 Resp: 150551
Ion Ratio Lower Upper
93 100
95 82.3 63.8 95.8
174 87.1 65.6 98.4





#47

Bromodichloromethane

Concen: 54.891 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

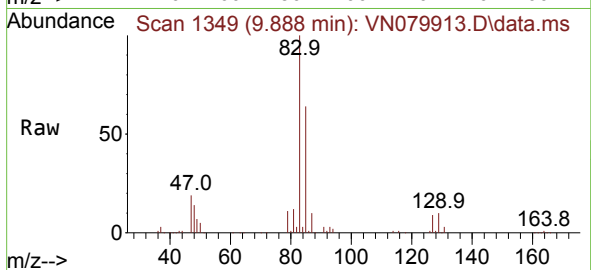
Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

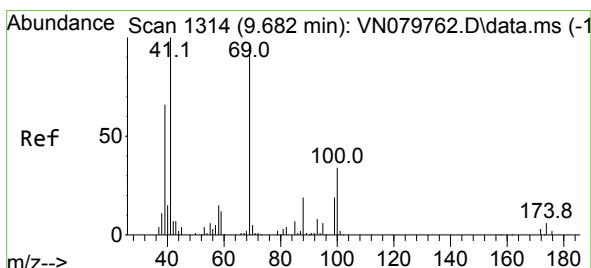
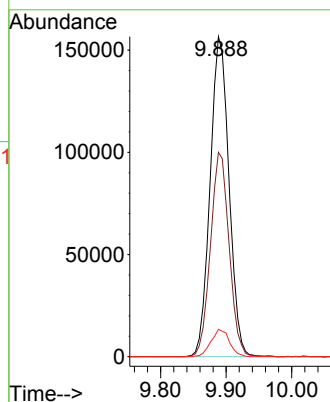
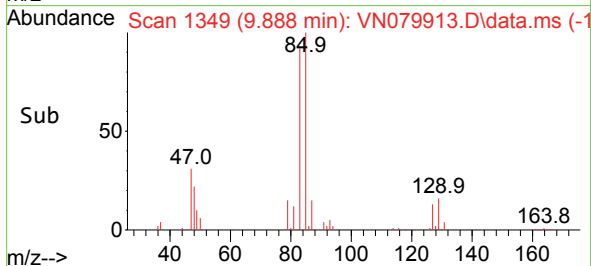
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	313010
Ion Ratio	Lower	Upper	
83	100		
85	63.9	49.6	74.4
127	8.6	7.0	10.6



#48

Methyl methacrylate

Concen: 59.755 ug/l

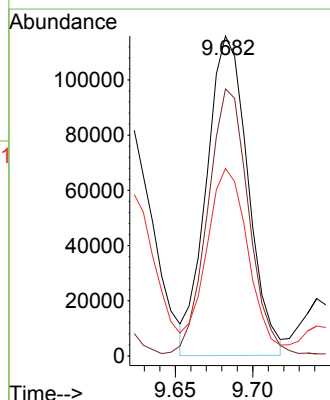
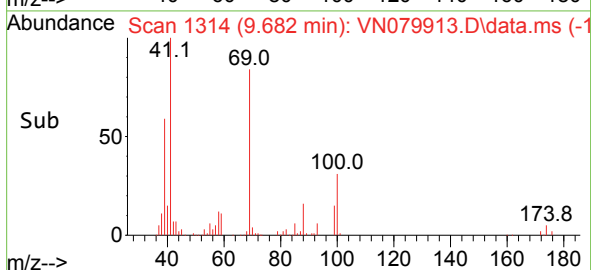
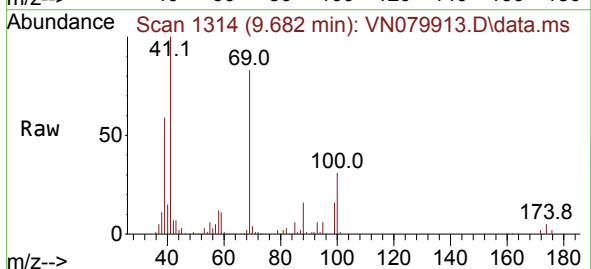
RT: 9.682 min Scan# 1314

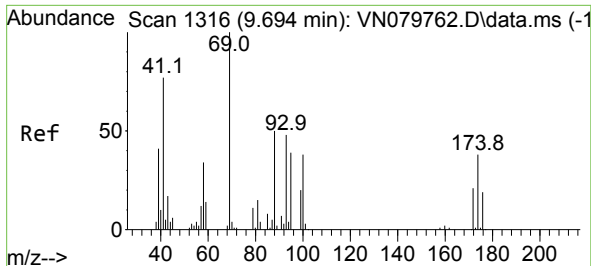
Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Tgt Ion:	41	Resp:	215361
Ion Ratio	Lower	Upper	
41	100		
69	83.4	90.4	135.6#
39	59.7	54.6	81.8





#49

1,4-Dioxane

Concen: 1093.666 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

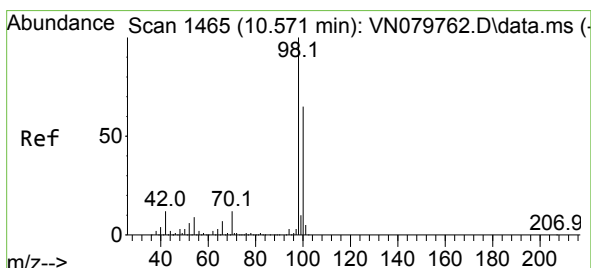
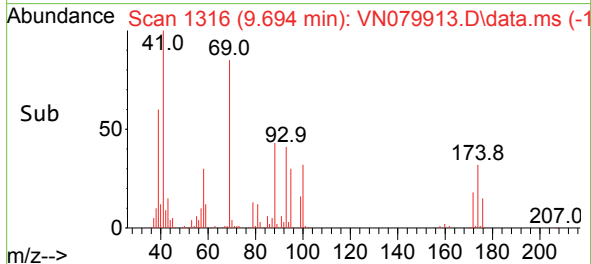
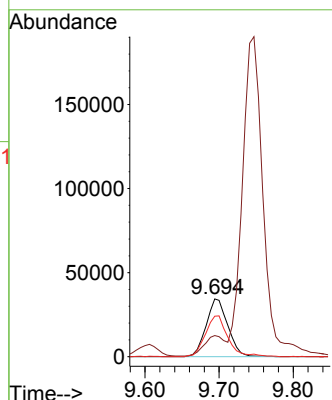
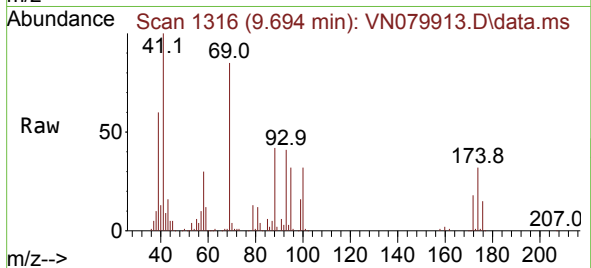
Tgt Ion: 88 Resp: 69648

Ion Ratio Lower Upper

88 100

43 34.8 17.0 25.6#

58 73.7 47.0 70.4#



#50

Toluene-d8

Concen: 51.941 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079913.D

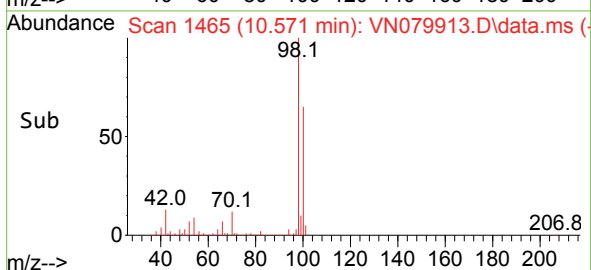
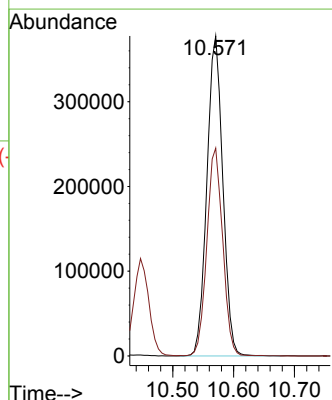
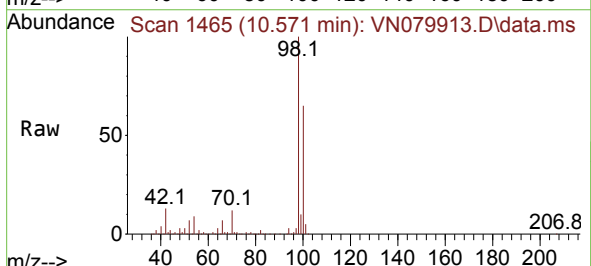
Acq: 06 Nov 2023 11:07

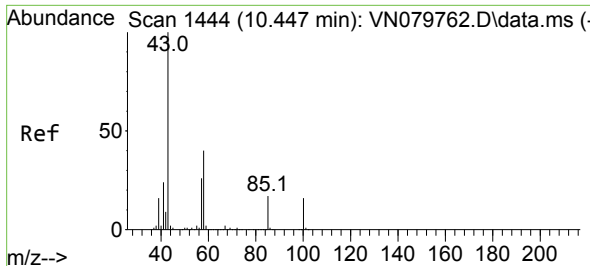
Tgt Ion: 98 Resp: 685119

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

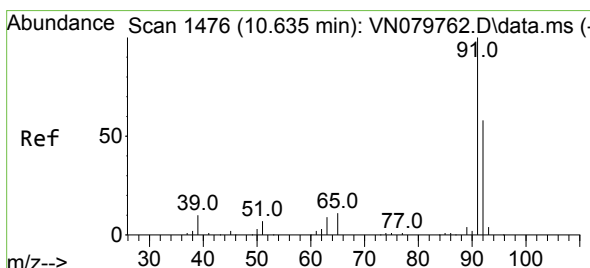
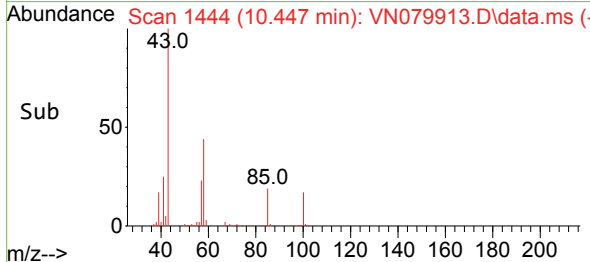
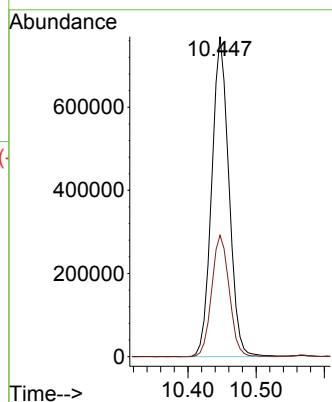
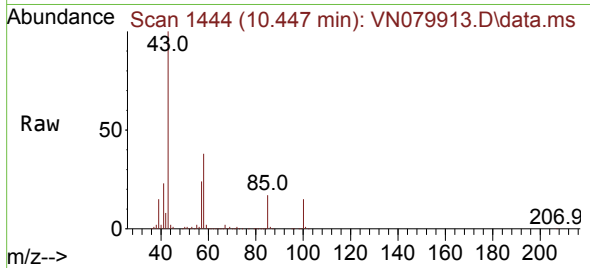




#51
4-Methyl-2-Pentanone
Concen: 291.140 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

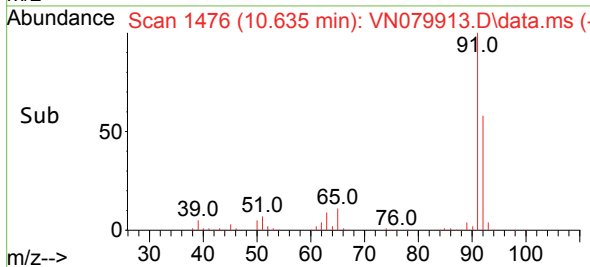
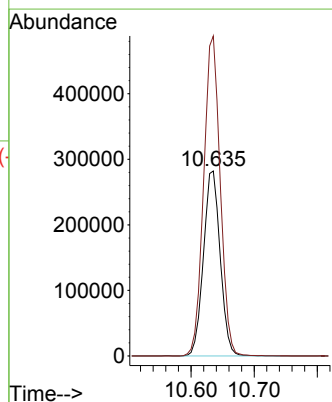
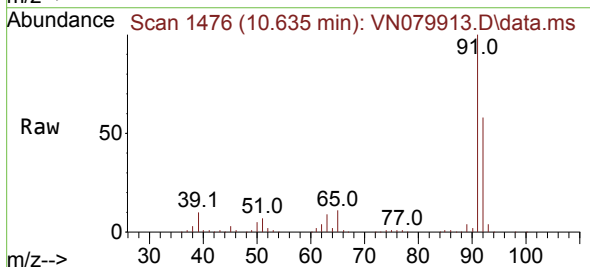
Instrument :
MSVOA_N
ClientSampleId :

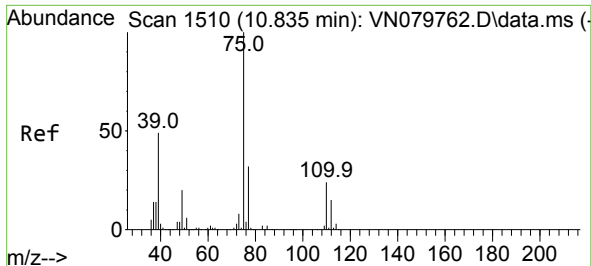
Tgt Ion: 43 Resp: 1348675
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8



#52
Toluene
Concen: 57.097 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 92 Resp: 518677
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 57.728 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

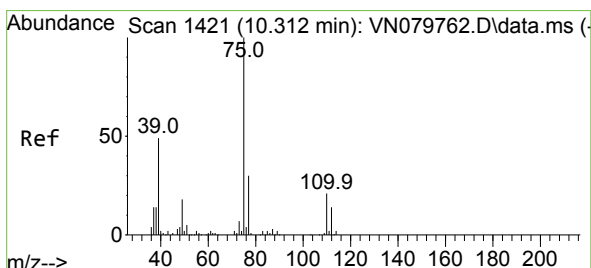
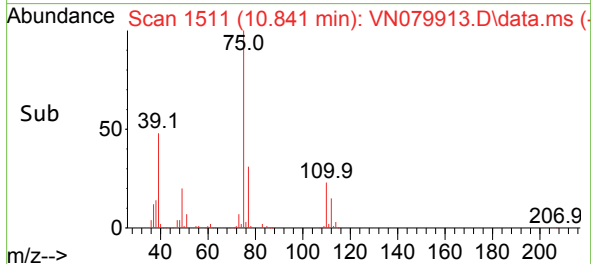
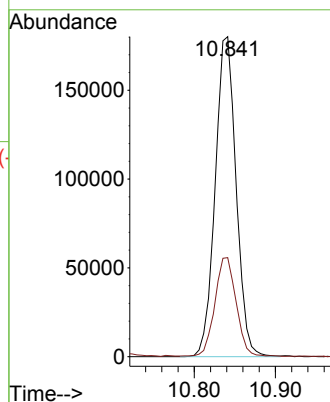
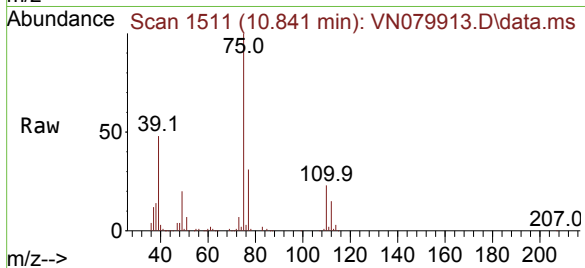
ClientSampleId :

Tgt Ion: 75 Resp: 322705

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 57.890 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

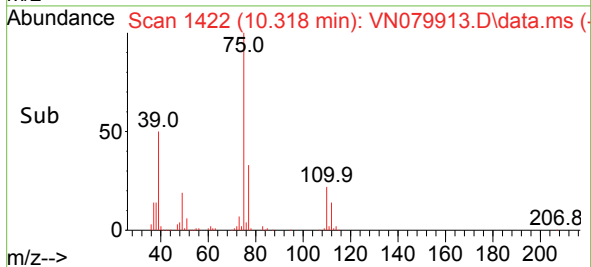
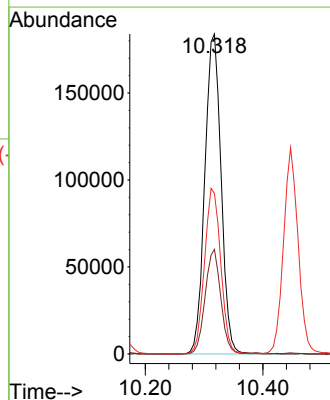
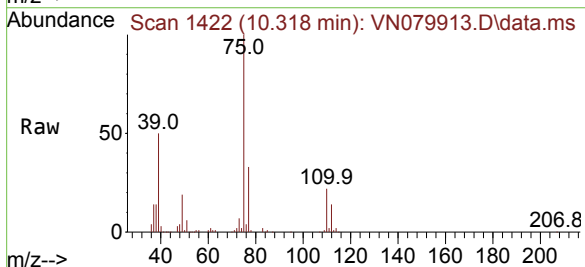
Tgt Ion: 75 Resp: 352733

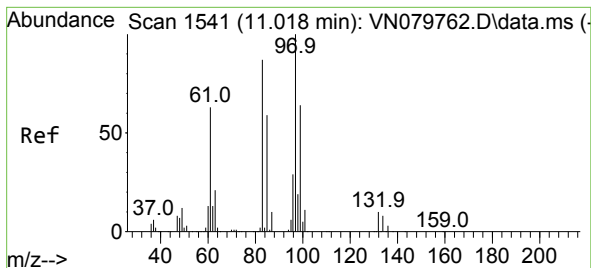
Ion Ratio Lower Upper

75 100

77 32.7 26.1 39.1

39 50.2 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 56.642 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 206955

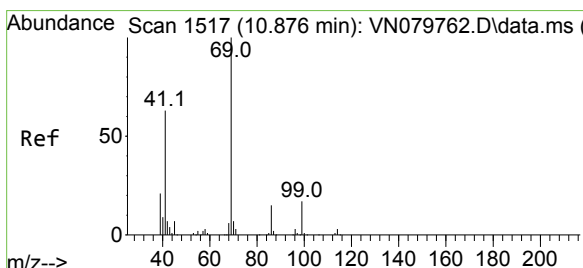
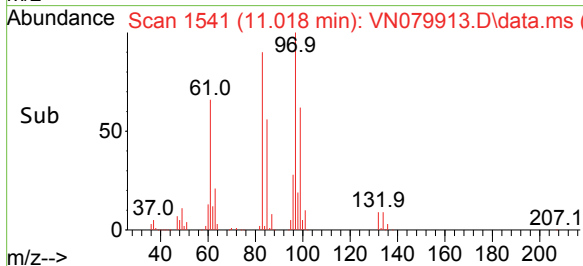
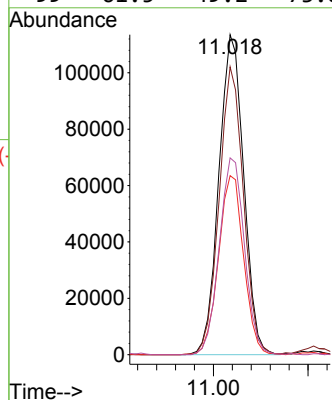
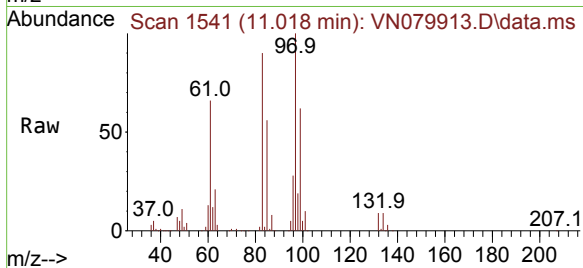
Ion Ratio Lower Upper

97 100

83 89.9 65.1 97.7

85 55.9 43.4 65.2

99 61.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 58.876 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

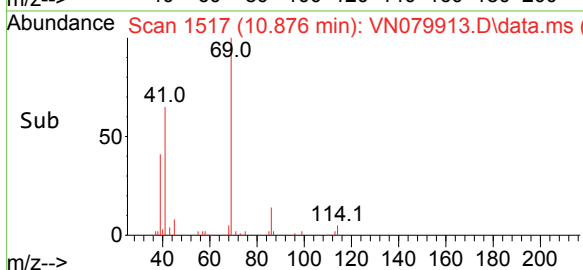
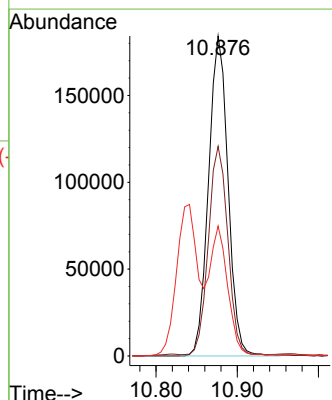
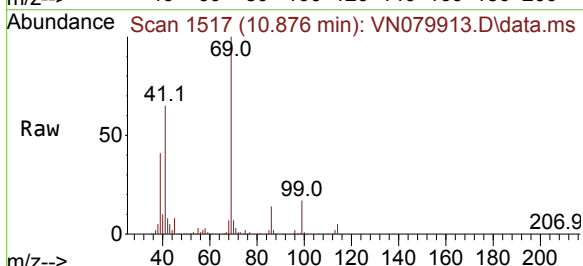
Tgt Ion: 69 Resp: 306842

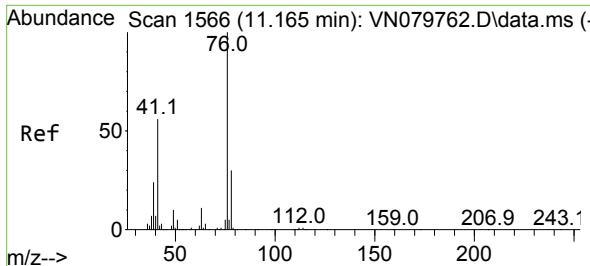
Ion Ratio Lower Upper

69 100

41 64.8 39.6 59.4#

39 36.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 57.540 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

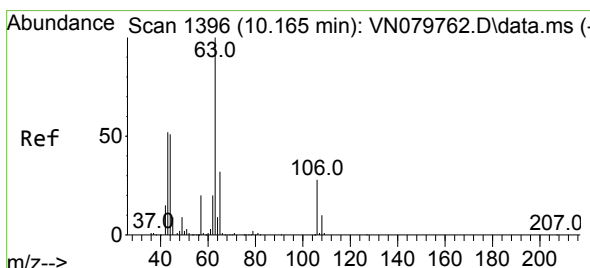
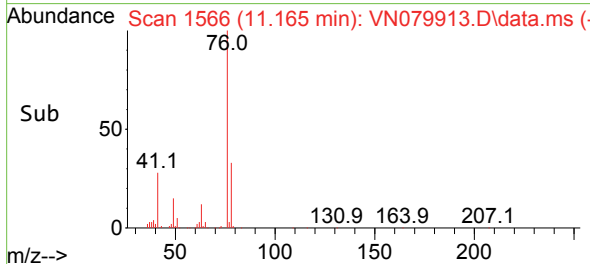
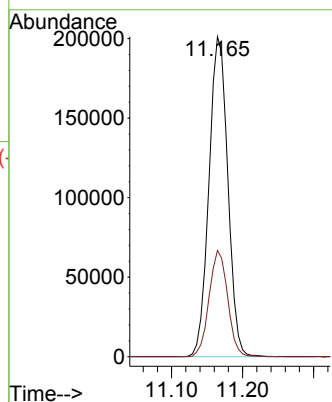
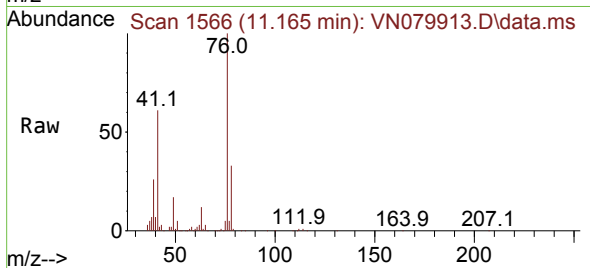
ClientSampleId :

Tgt Ion: 76 Resp: 370577

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 265.227 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079913.D

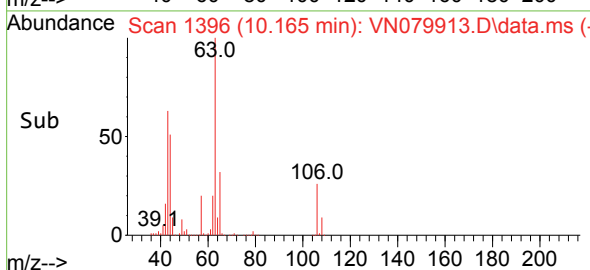
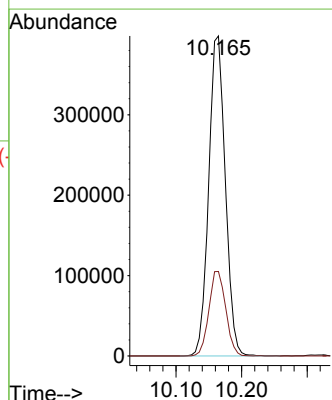
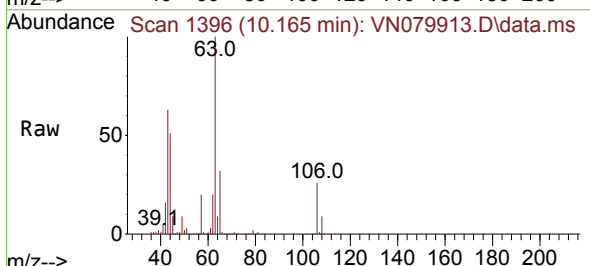
Acq: 06 Nov 2023 11:07

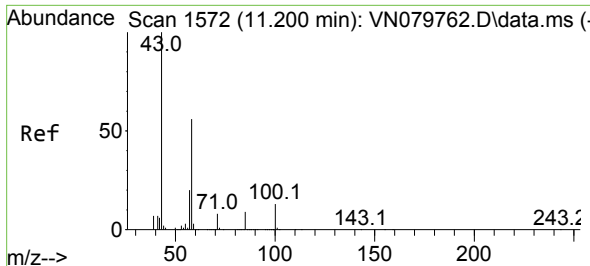
Tgt Ion: 63 Resp: 700595

Ion Ratio Lower Upper

63 100

106 26.8 26.2 39.4

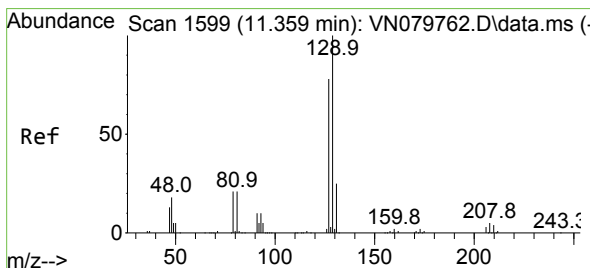
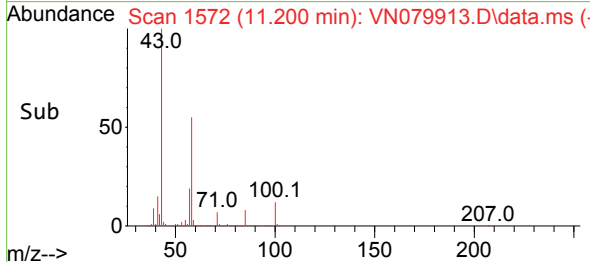
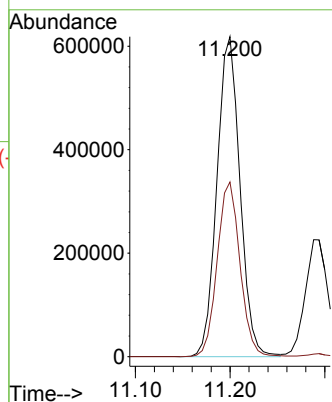
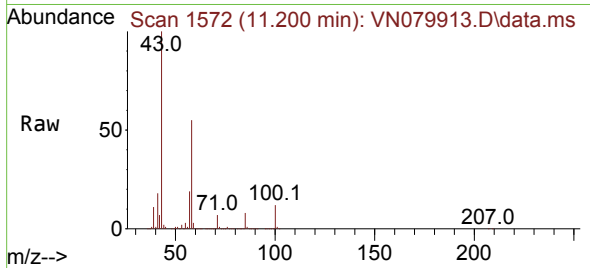




#59
2-Hexanone
Concen: 295.235 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

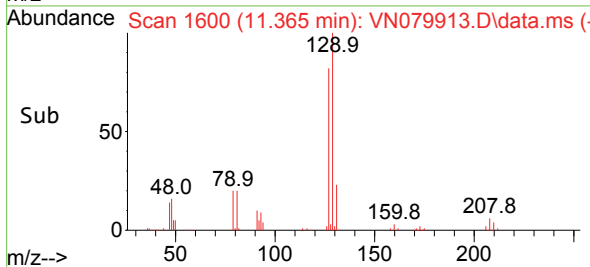
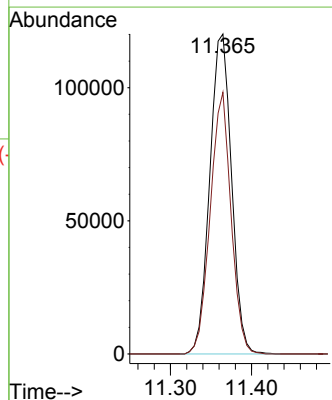
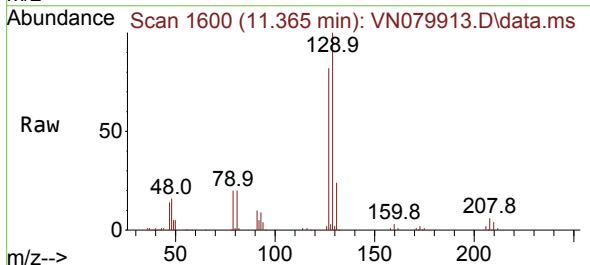
Instrument :
MSVOA_N
ClientSampleId :

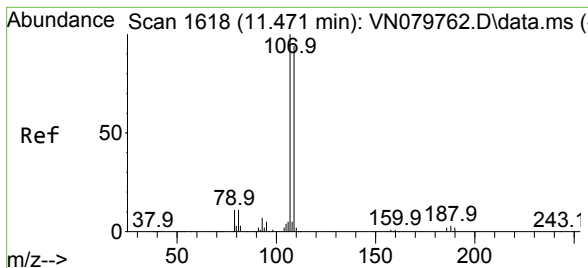
Tgt Ion: 43 Resp: 1046245
Ion Ratio Lower Upper
43 100
58 54.1 31.7 95.1



#60
Dibromochloromethane
Concen: 57.137 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 129 Resp: 223462
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0

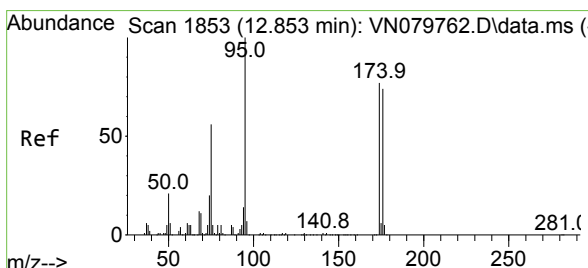
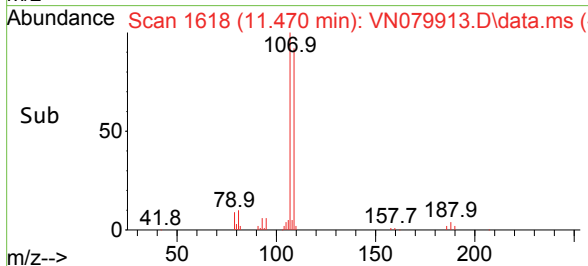
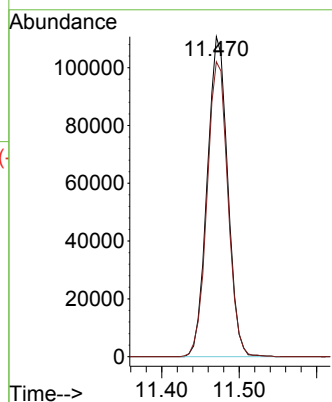
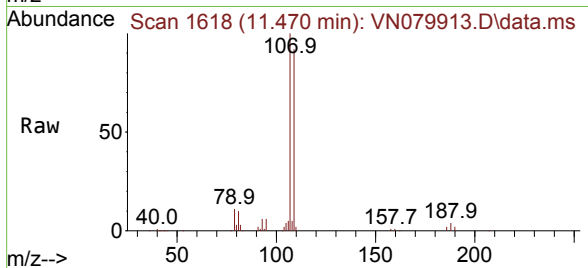




#61
1,2-Dibromoethane
Concen: 55.460 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

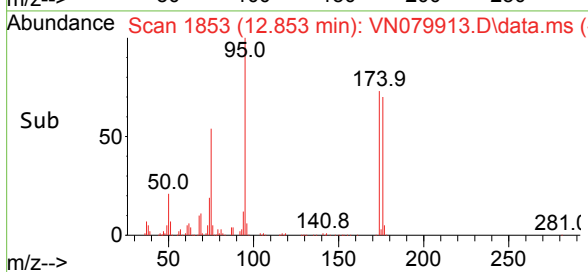
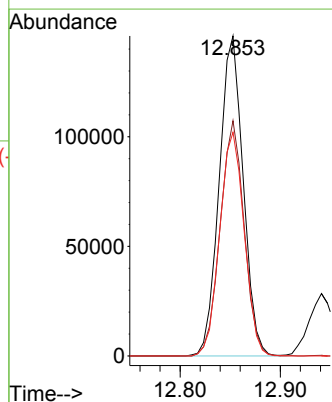
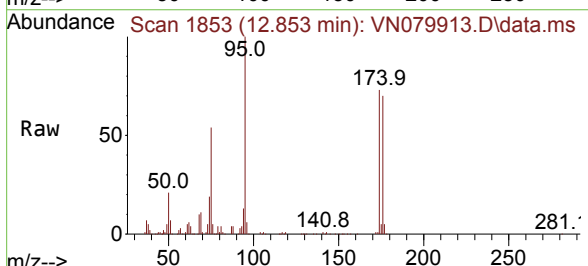
Instrument :
MSVOA_N
ClientSampleId :

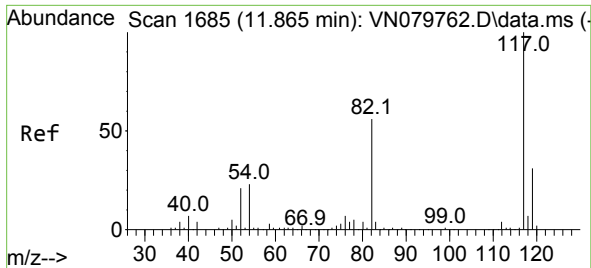
Tgt Ion:107 Resp: 203386
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.366 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 95 Resp: 242203
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.5 0.0 135.8

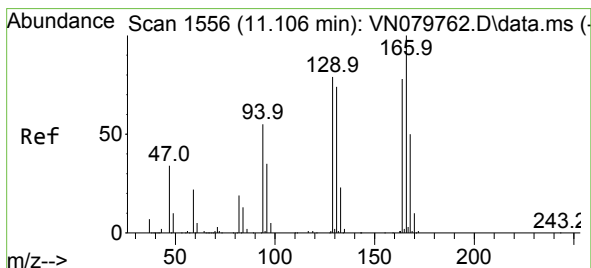
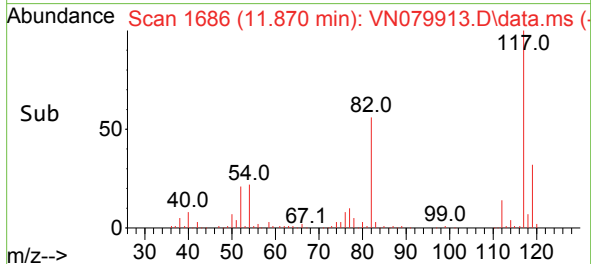
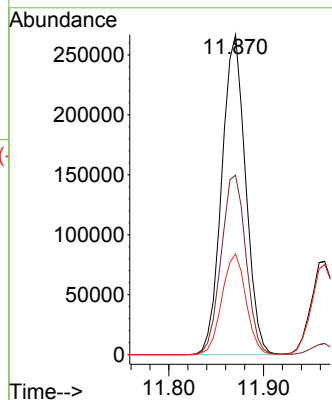
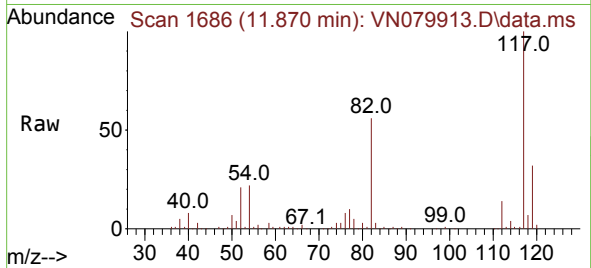




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

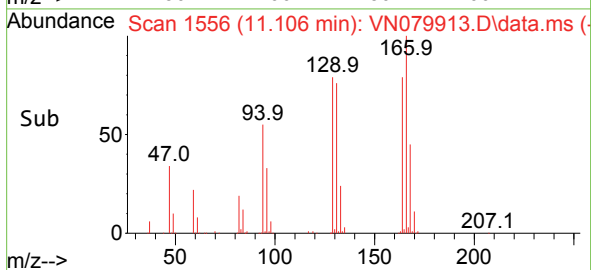
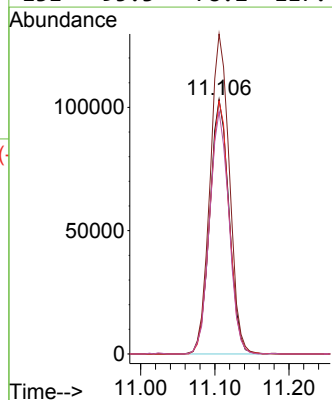
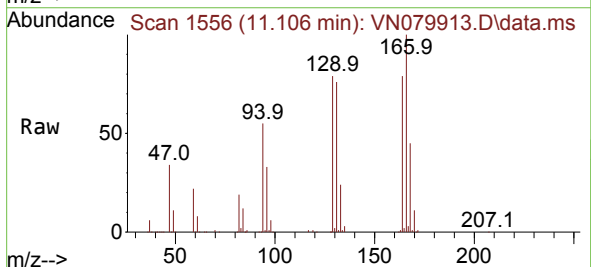
Instrument :
MSVOA_N
ClientSampleId :

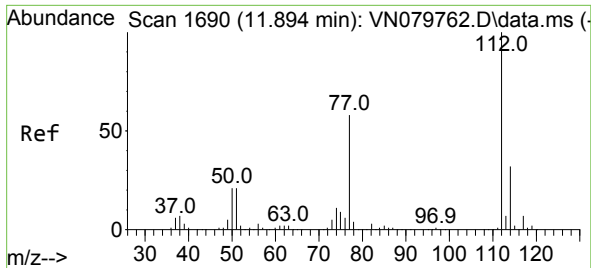
Tgt Ion:117 Resp: 465672
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 61.876 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion:164 Resp: 186615
Ion Ratio Lower Upper
164 100
166 125.8 101.4 152.0
129 99.5 82.4 123.6
131 95.3 78.2 117.4

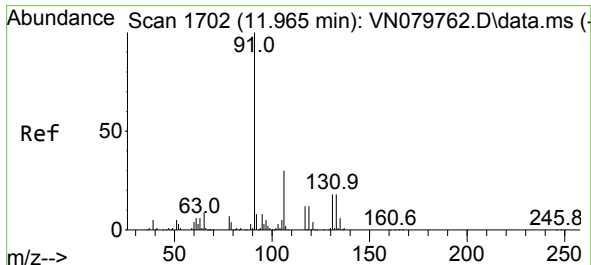
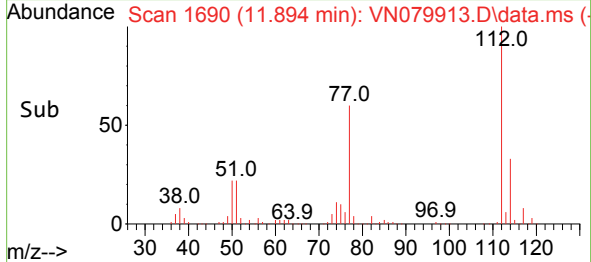
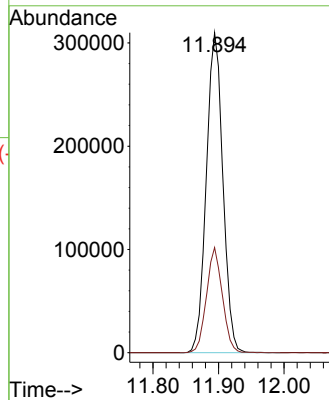
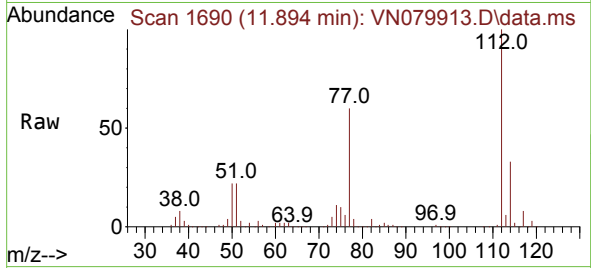




#65
Chlorobenzene
Concen: 53.857 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

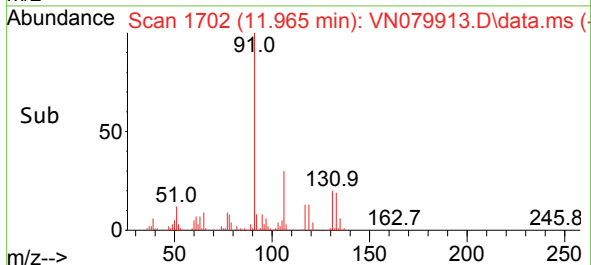
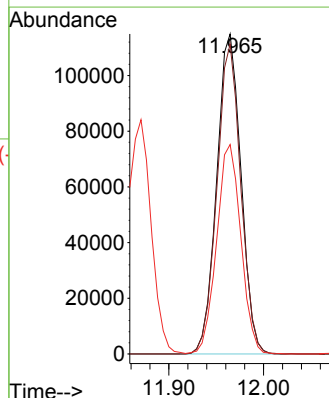
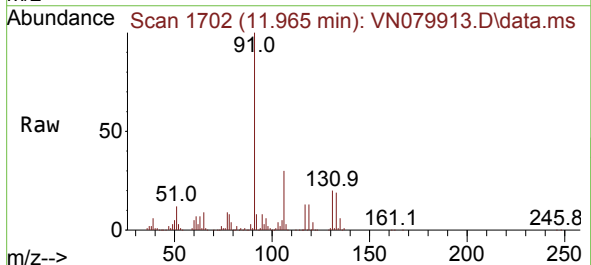
Instrument :
MSVOA_N
ClientSampleId :

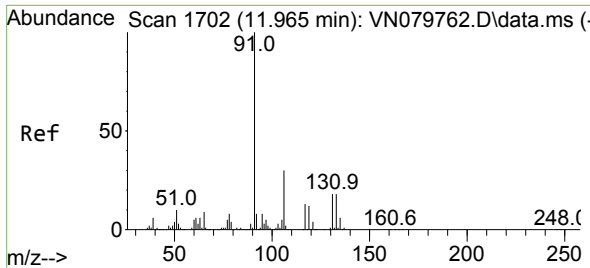
Tgt Ion:112 Resp: 544026
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.166 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion:131 Resp: 204412
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 65.5 34.1 102.2

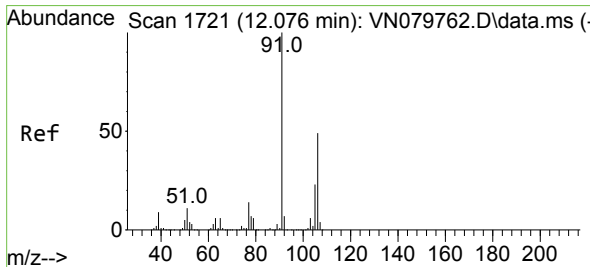
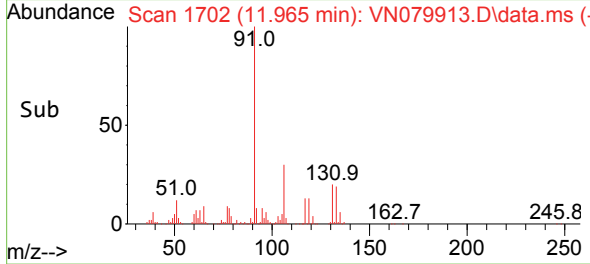
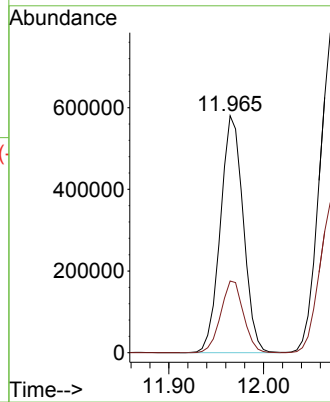
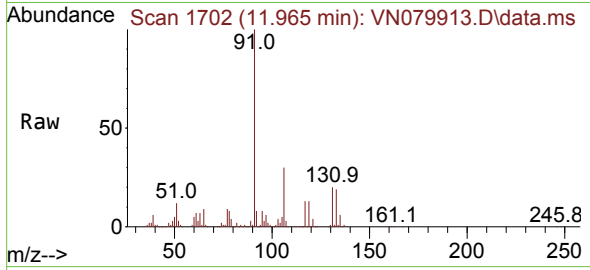




#67
Ethyl Benzene
Concen: 55.361 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

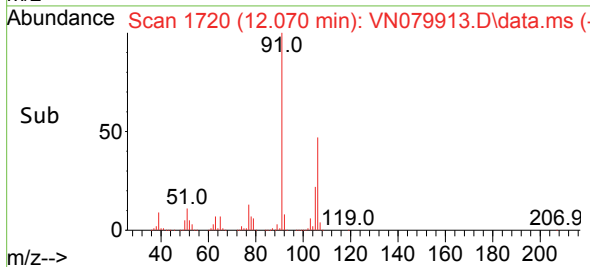
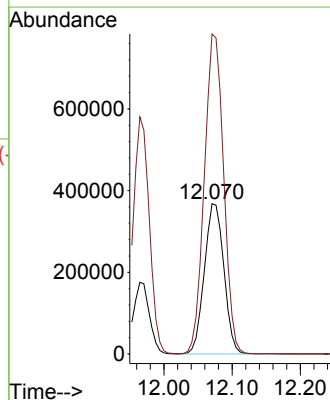
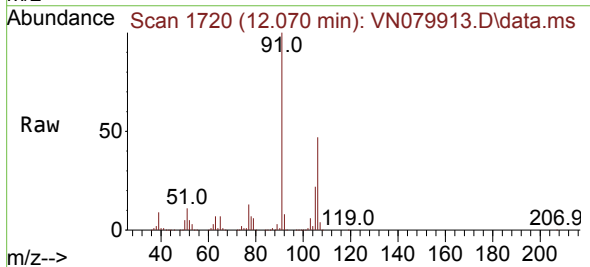
Instrument :
MSVOA_N
ClientSampleId :

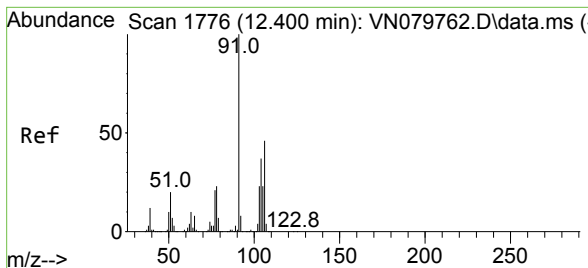
Tgt Ion: 91 Resp: 974304
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 111.910 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 106 Resp: 733676
Ion Ratio Lower Upper
106 100
91 210.4 159.6 239.4

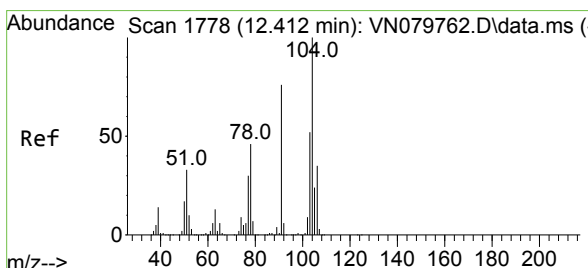
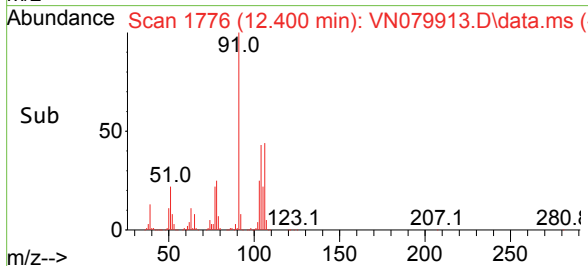
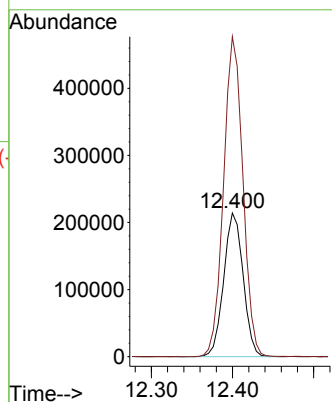
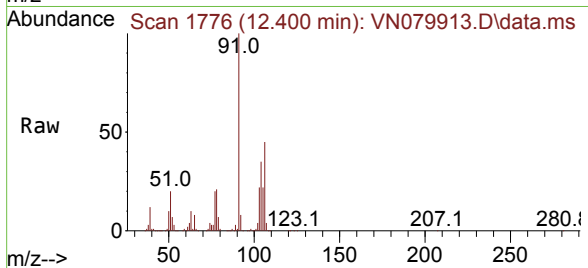




#69
o-Xylene
Concen: 56.415 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

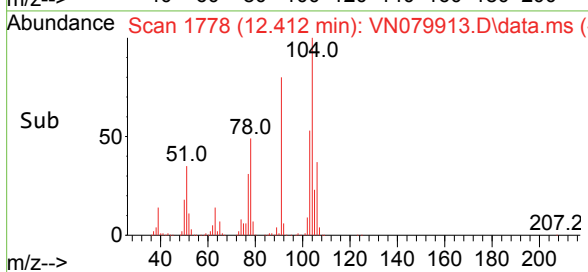
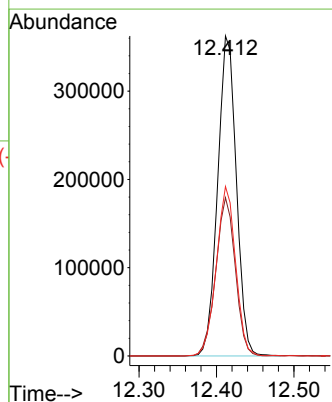
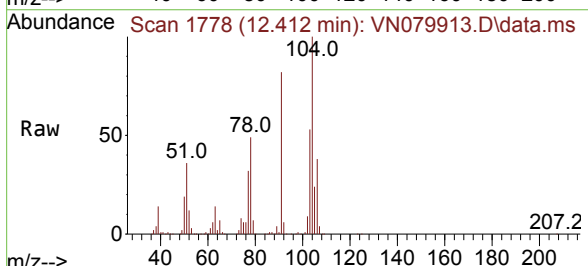
Instrument :
MSVOA_N
ClientSampleId :

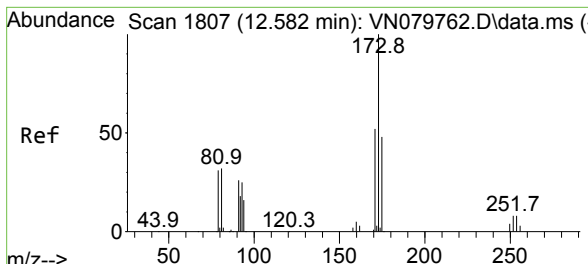
Tgt Ion:106 Resp: 356147
Ion Ratio Lower Upper
106 100
91 221.9 105.2 315.5



#70
Styrene
Concen: 60.053 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion:104 Resp: 609270
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 54.7 43.2 64.8

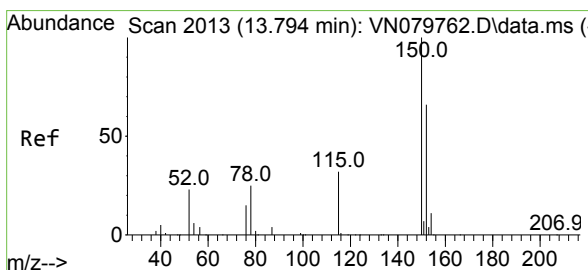
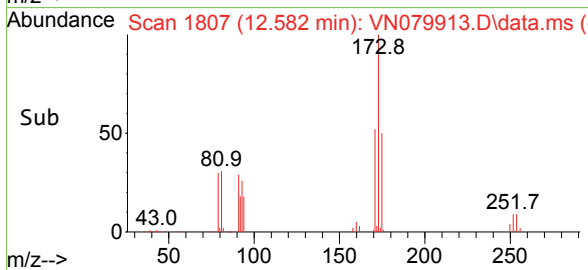
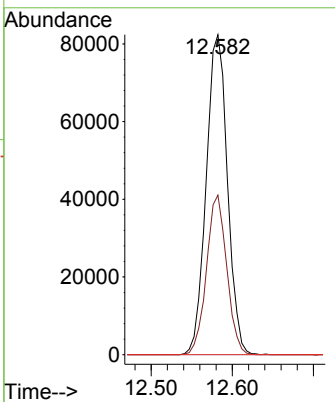
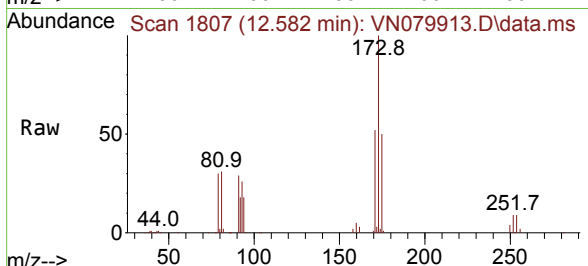




#71
 Bromoform
 Concen: 57.859 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

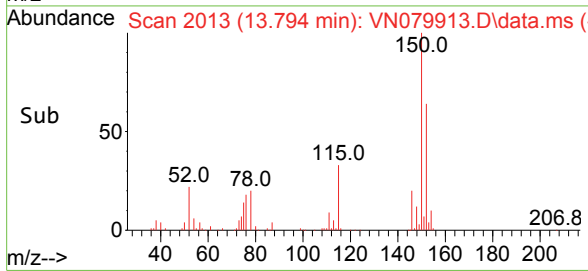
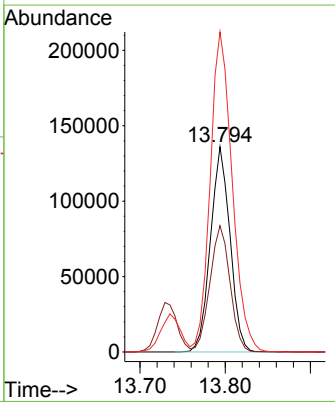
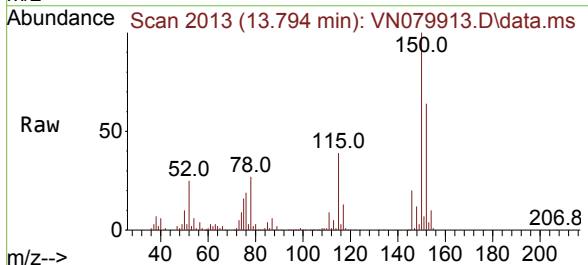
Instrument :
 MSVOA_N
 ClientSampleId :

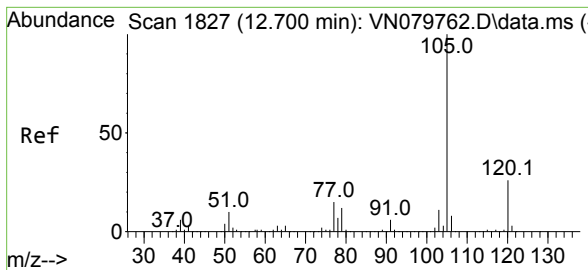
Tgt Ion:	173	Resp:	149525
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.3	73.0
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

Tgt Ion:	152	Resp:	217390
Ion Ratio	Lower	Upper	
152	100		
115	63.3	32.3	96.8
150	175.5	0.0	355.8

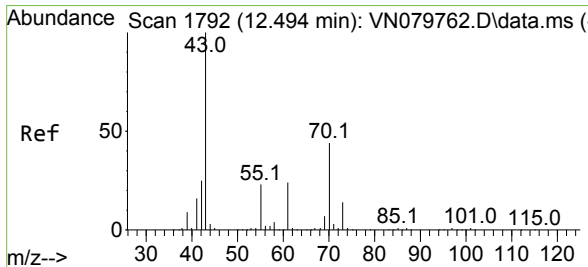
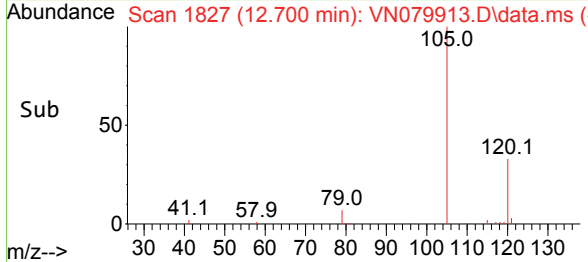
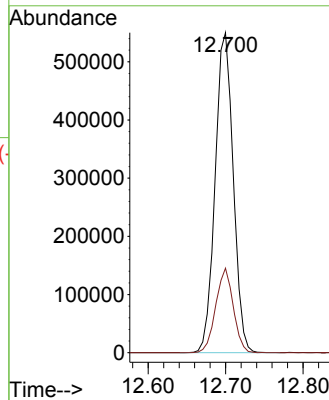
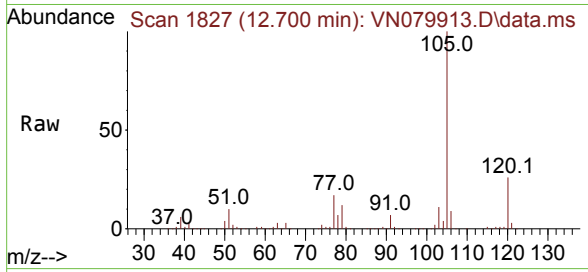




#73
Isopropylbenzene
Concen: 54.096 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

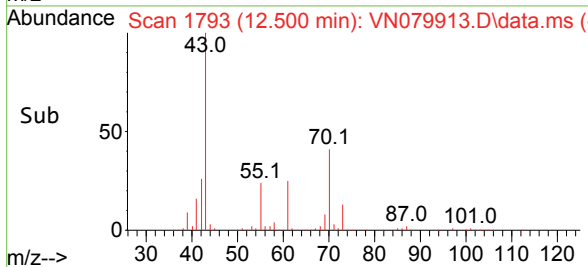
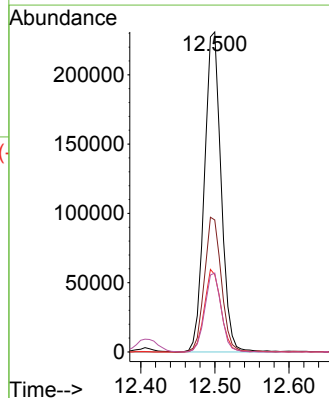
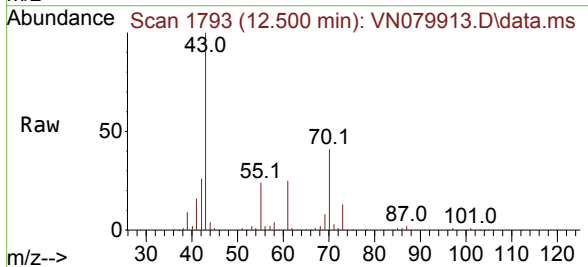
Instrument :
MSVOA_N
ClientSampleId :

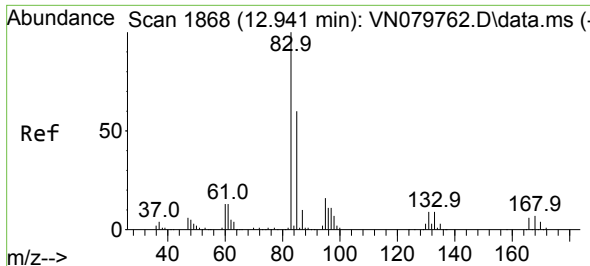
Tgt Ion:105 Resp: 892508
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 50.253 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 43 Resp: 361892
Ion Ratio Lower Upper
43 100
70 42.8 43.4 65.2#
55 25.7 21.4 32.0
61 24.3 22.8 34.2

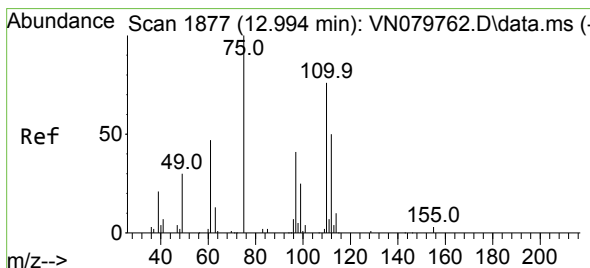
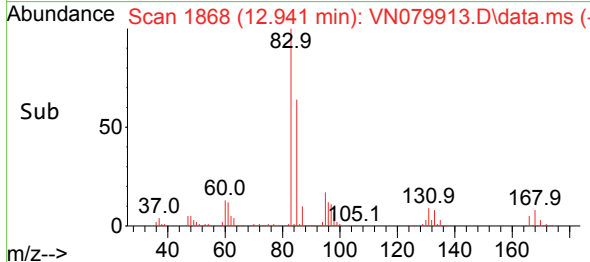
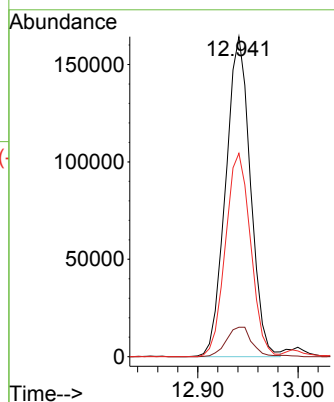
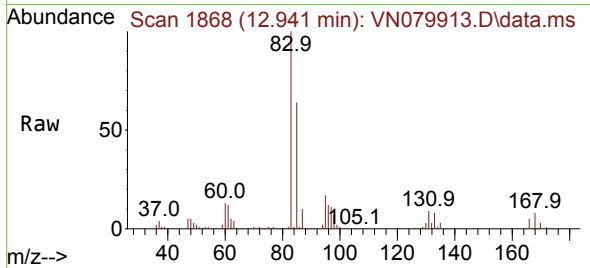




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.226 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

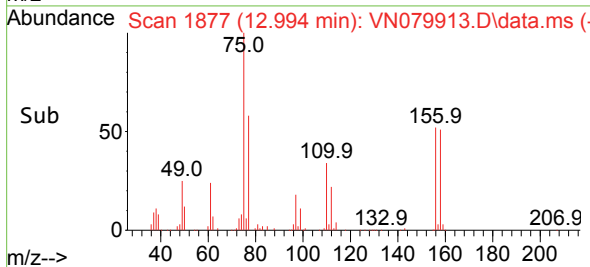
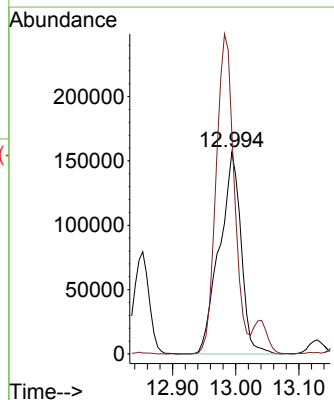
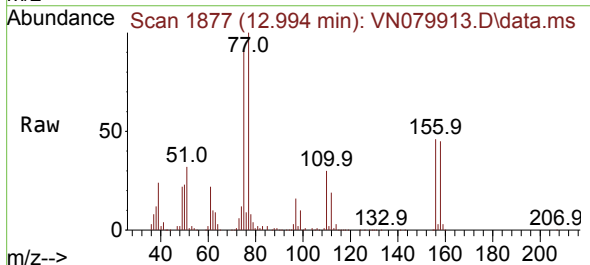
Instrument :
 MSVOA_N
 ClientSampleId :

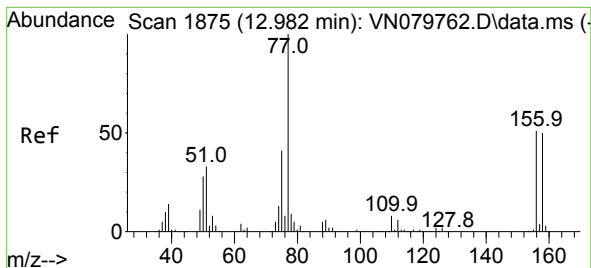
Tgt Ion: 83 Resp: 282108
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 64.6 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 73.171 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

Tgt Ion: 75 Resp: 373441
 Ion Ratio Lower Upper
 75 100
 77 132.9 84.5 253.5





#77

Bromobenzene

Concen: 54.450 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

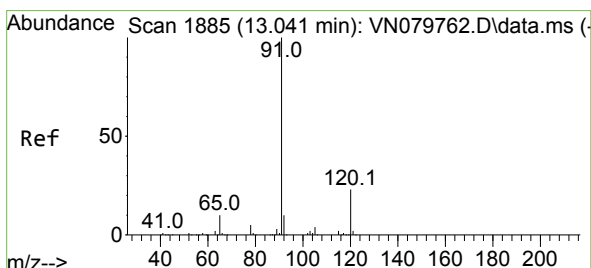
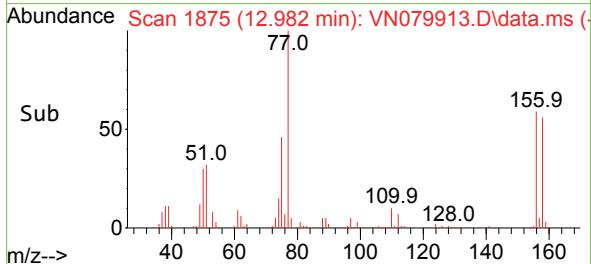
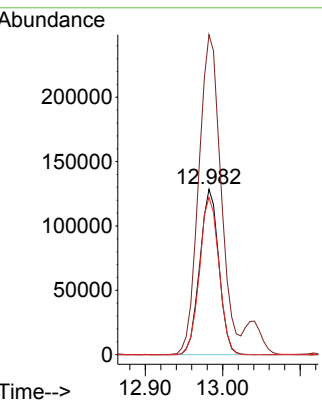
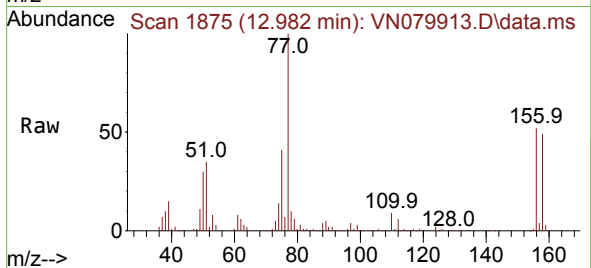
Tgt Ion:156 Resp: 219940

Ion Ratio Lower Upper

156 100

77 225.7 107.7 323.3

158 96.5 48.4 145.3



#78

n-propylbenzene

Concen: 56.196 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079913.D

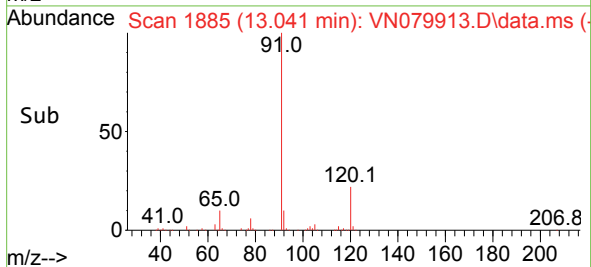
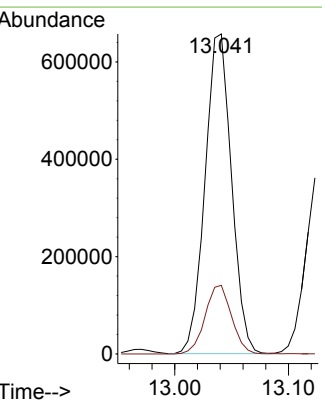
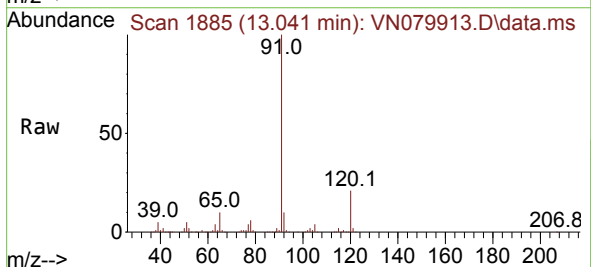
Acq: 06 Nov 2023 11:07

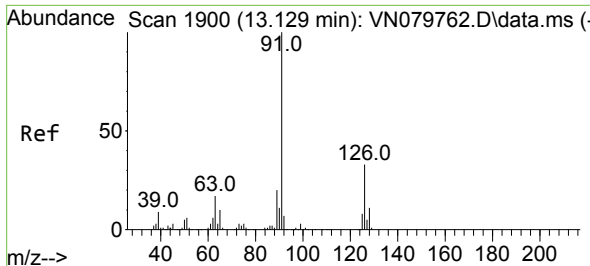
Tgt Ion: 91 Resp: 1061743

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

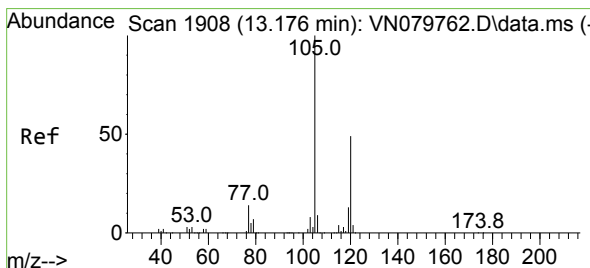
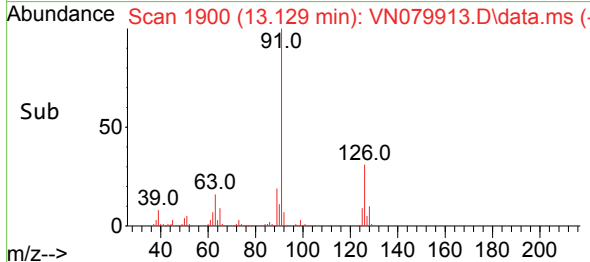
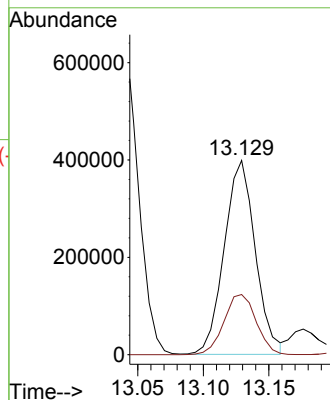
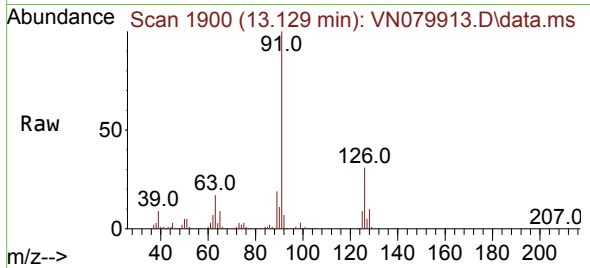




#79
2-Chlorotoluene
Concen: 54.431 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

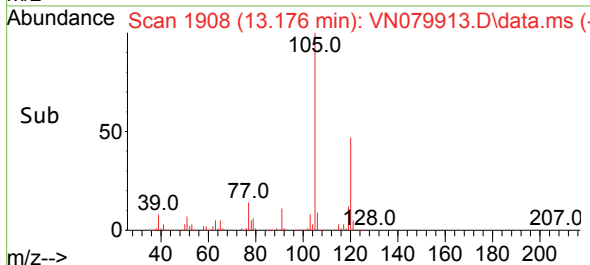
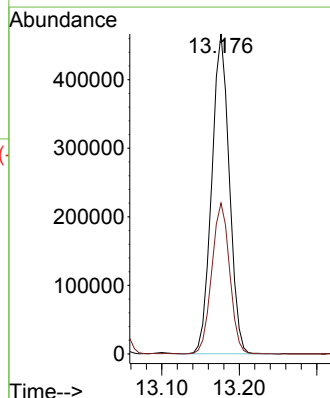
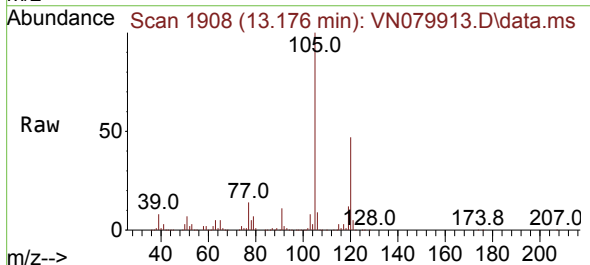
Instrument :
MSVOA_N
ClientSampleId :

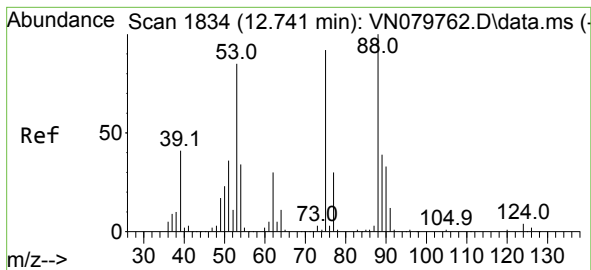
Tgt Ion: 91 Resp: 656960
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 57.188 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion:105 Resp: 734082
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

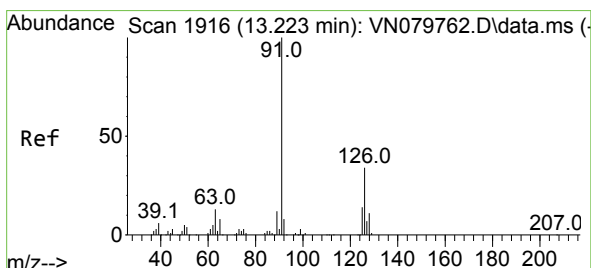
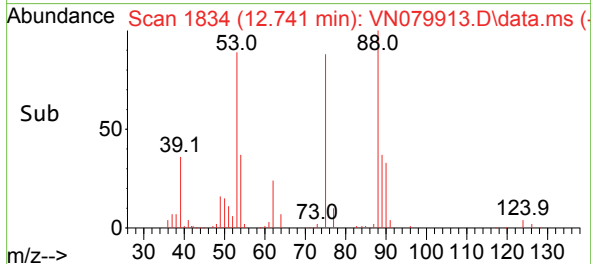
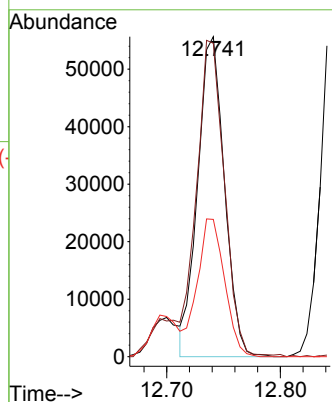
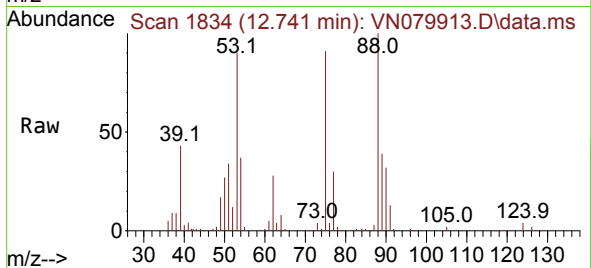




#81
trans-1,4-Dichloro-2-butene
Concen: 48.473 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

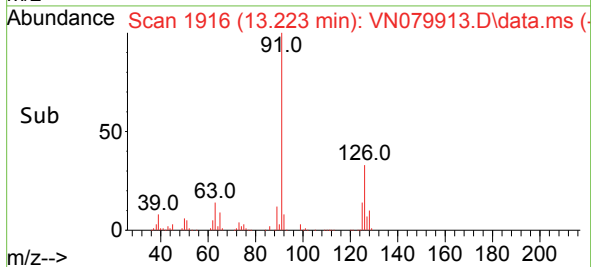
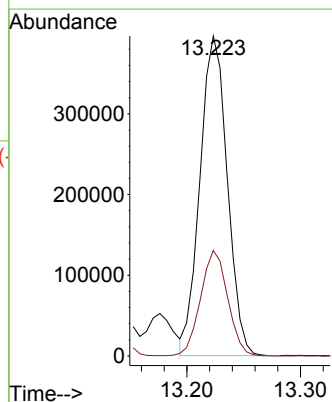
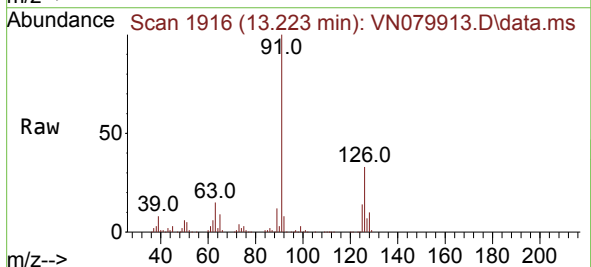
Instrument :
MSVOA_N
ClientSampleId :

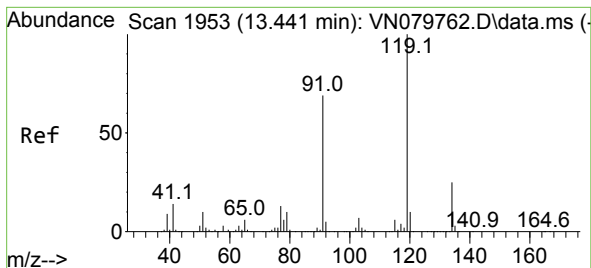
Tgt Ion: 75 Resp: 90926
Ion Ratio Lower Upper
75 100
53 115.5 67.4 101.2#
89 44.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 55.184 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079913.D
Acq: 06 Nov 2023 11:07

Tgt Ion: 91 Resp: 661860
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 55.093 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

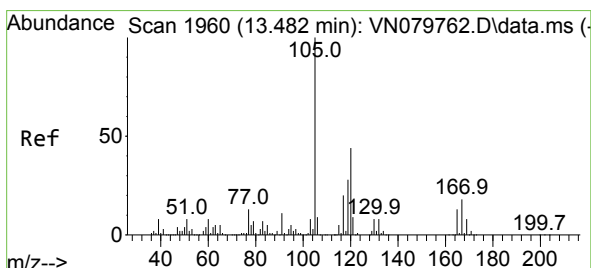
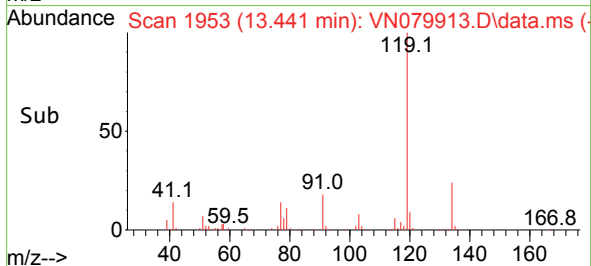
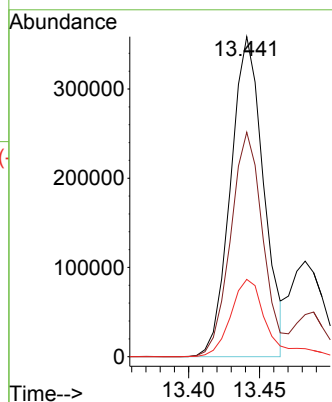
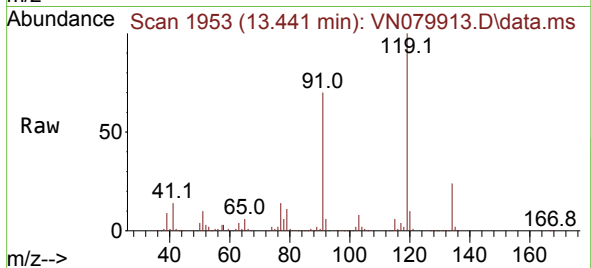
Tgt Ion:119 Resp: 578872

Ion Ratio Lower Upper

119 100

91 69.6 33.9 101.7

134 26.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 58.692 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079913.D

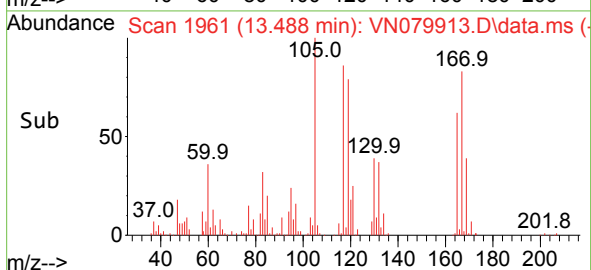
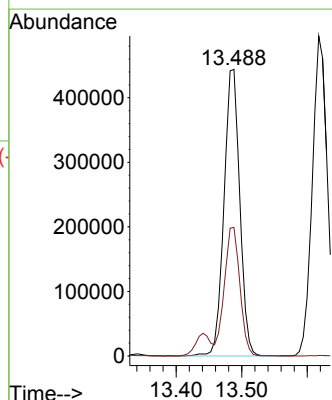
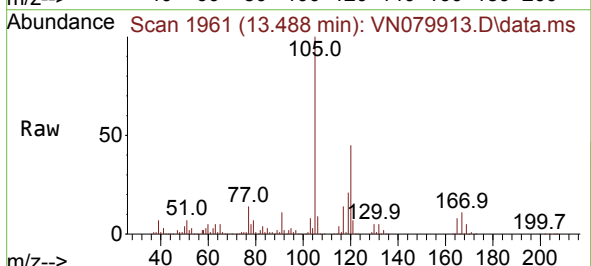
Acq: 06 Nov 2023 11:07

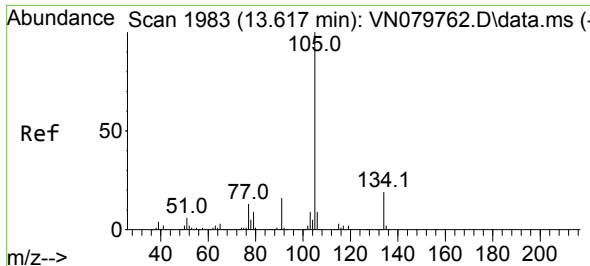
Tgt Ion:105 Resp: 741236

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0

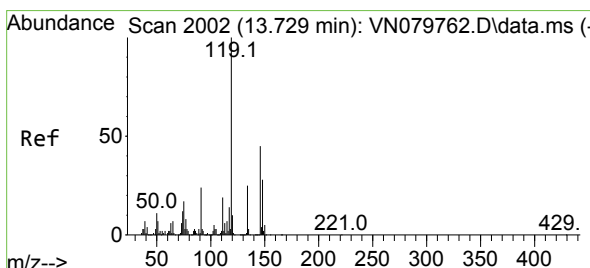
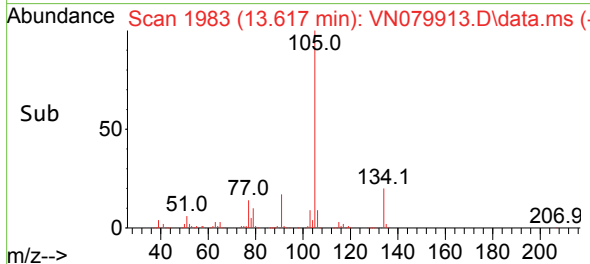
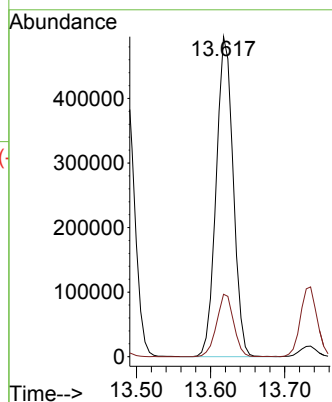
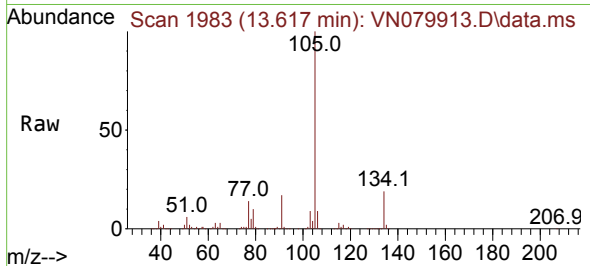




#85
 sec-Butylbenzene
 Concen: 54.285 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

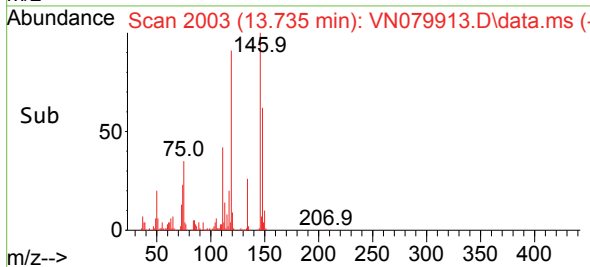
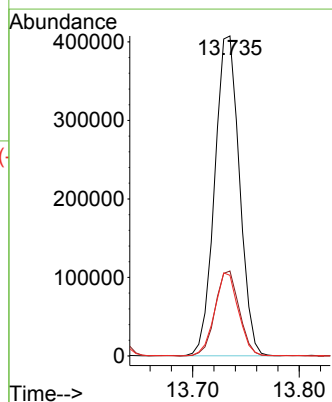
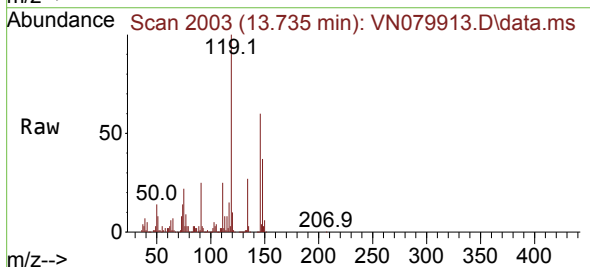
Instrument :
 MSVOA_N
 ClientSampleId :

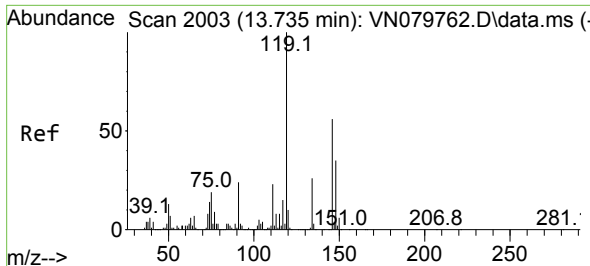
Tgt Ion:105 Resp: 790253
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 55.301 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

Tgt Ion:119 Resp: 656354
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.9 12.4 37.2

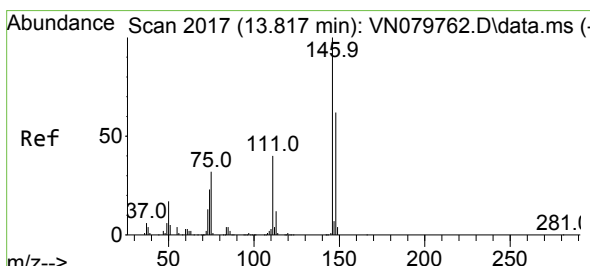
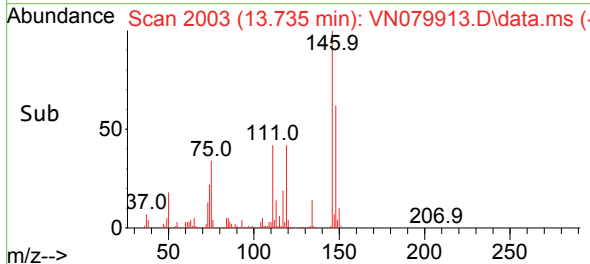
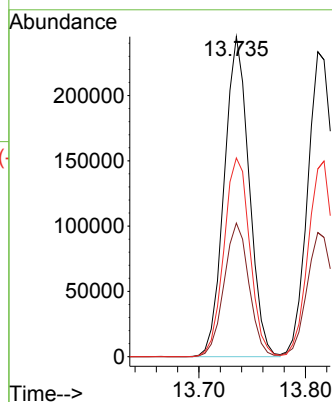
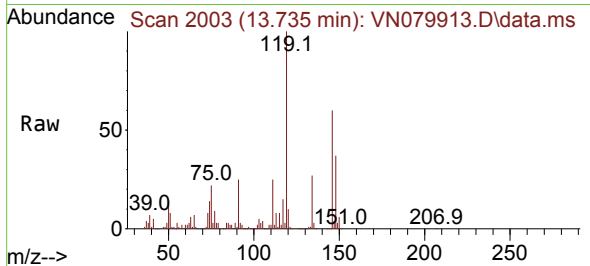




#87
 1,3-Dichlorobenzene
 Concen: 52.844 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

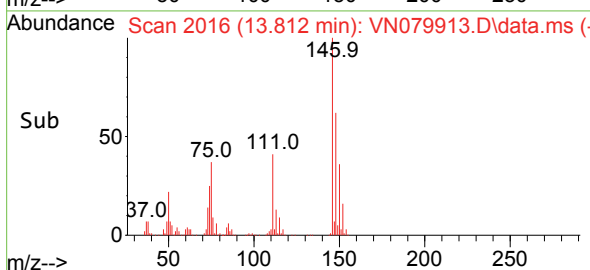
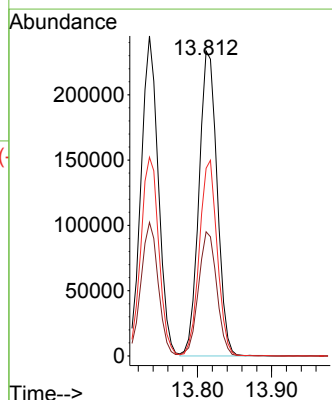
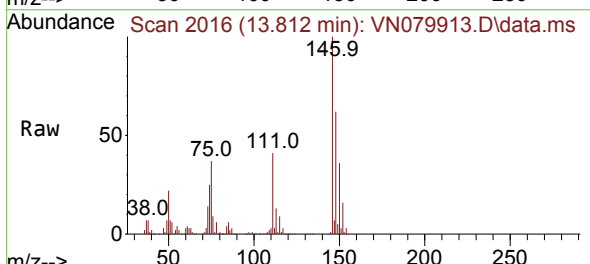
Instrument :
 MSVOA_N
 ClientSampleId :

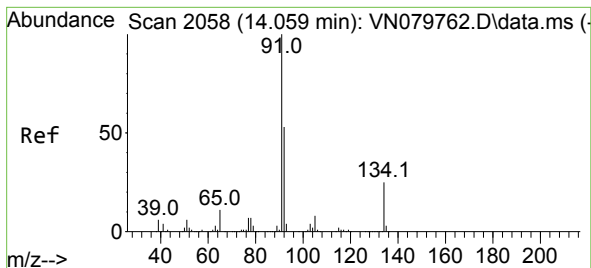
Tgt Ion:146 Resp: 397082
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.3
 148 64.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 52.129 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN079913.D
 Acq: 06 Nov 2023 11:07

Tgt Ion:146 Resp: 397596
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.6 61.8
 148 63.1 31.6 94.8





#89

n-Butylbenzene

Concen: 53.411 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

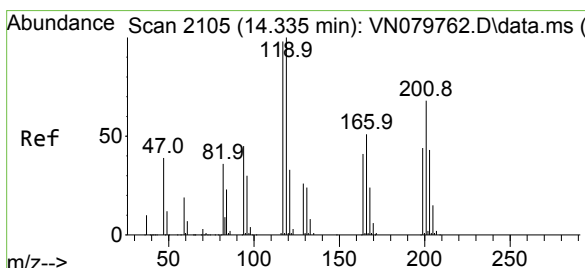
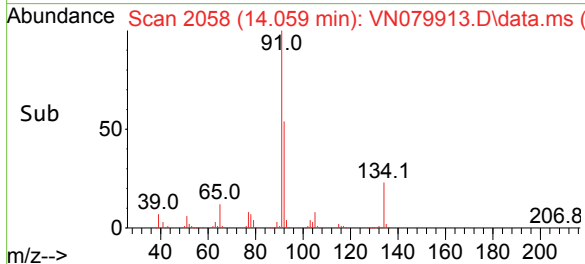
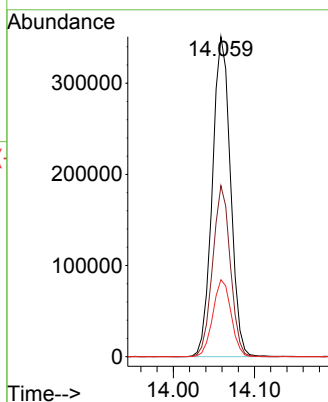
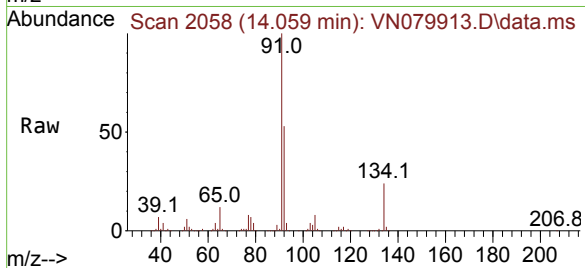
Tgt Ion: 91 Resp: 545995

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.0

134 24.2 12.6 37.6



#90

Hexachloroethane

Concen: 50.306 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079913.D

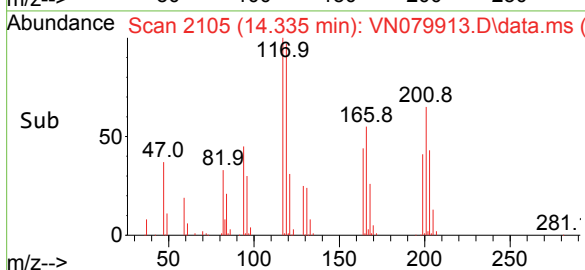
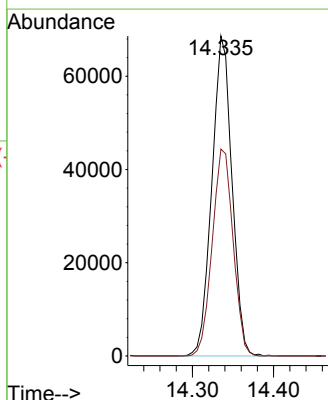
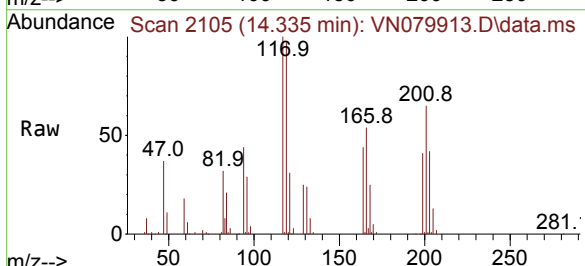
Acq: 06 Nov 2023 11:07

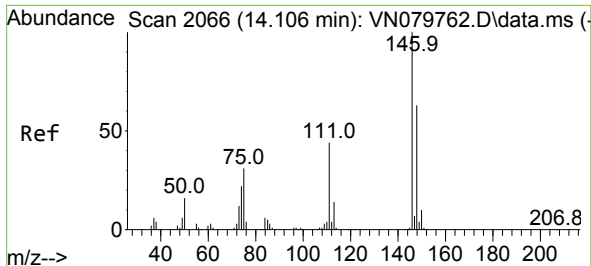
Tgt Ion: 117 Resp: 118245

Ion Ratio Lower Upper

117 100

201 67.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 53.770 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

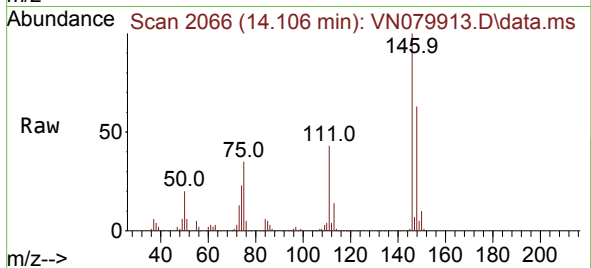
Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :



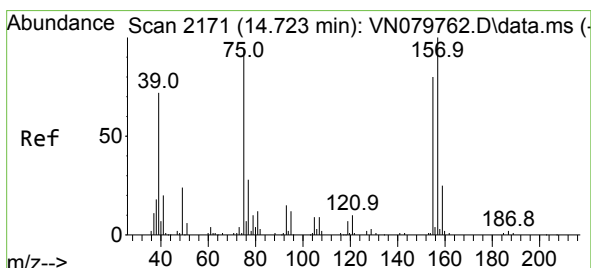
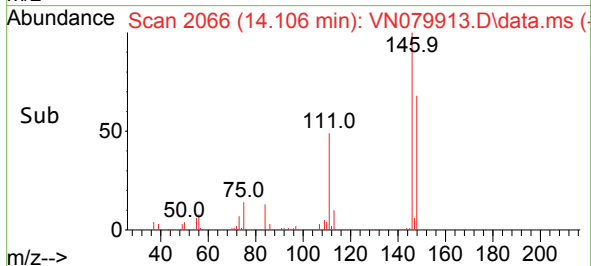
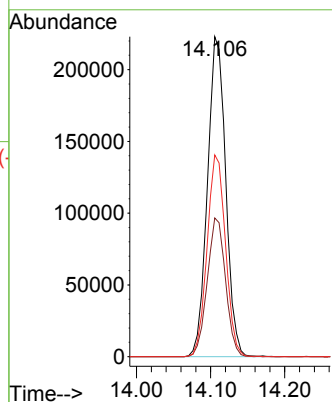
Tgt Ion:146 Resp: 381418

Ion Ratio Lower Upper

146 100

111 43.4 22.0 66.0

148 63.6 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.185 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

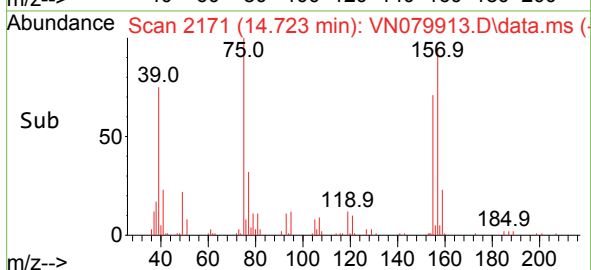
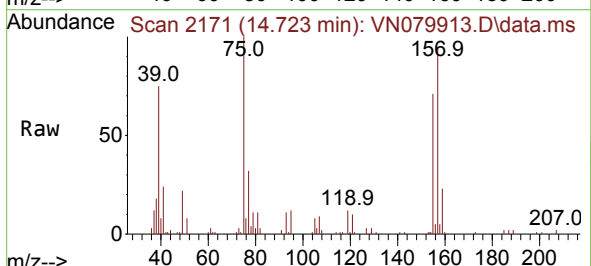
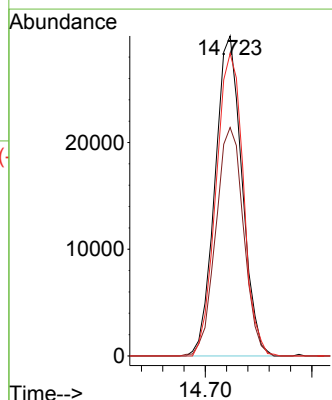
Tgt Ion: 75 Resp: 52760

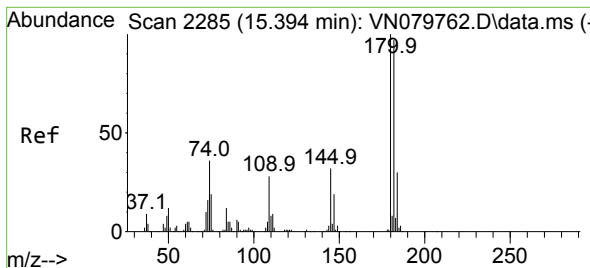
Ion Ratio Lower Upper

75 100

155 73.4 39.1 117.2

157 95.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 51.771 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

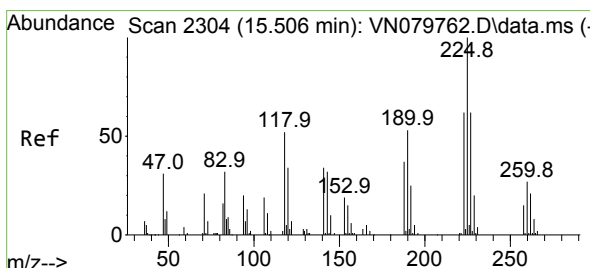
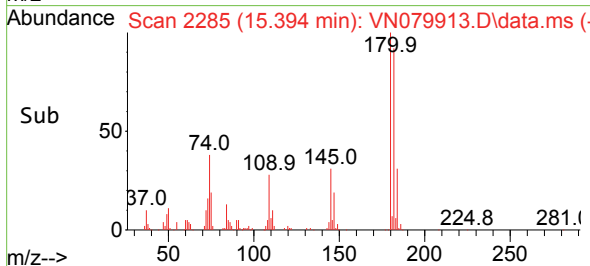
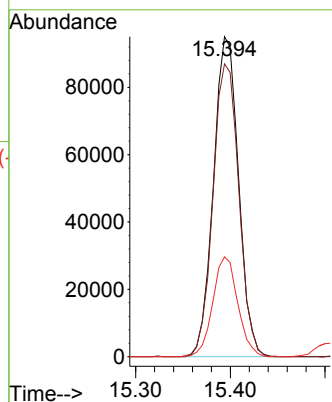
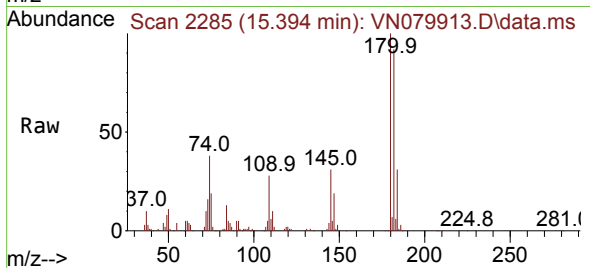
Tgt Ion:180 Resp: 174616

Ion Ratio Lower Upper

180 100

182 94.3 46.1 138.2

145 31.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 48.669 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

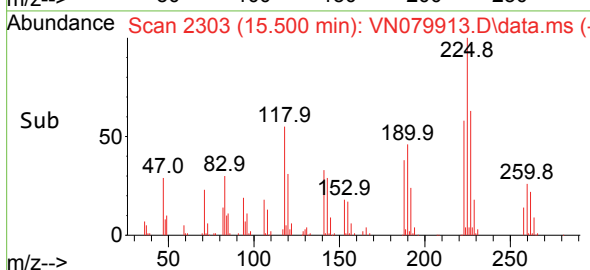
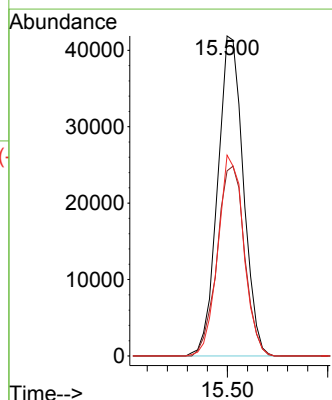
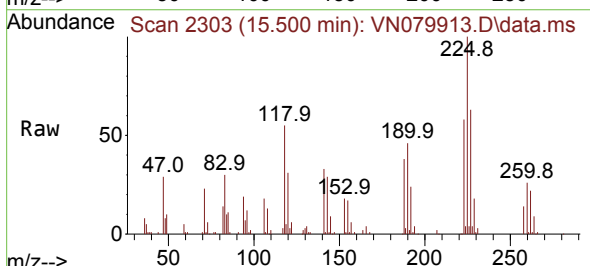
Tgt Ion:225 Resp: 74415

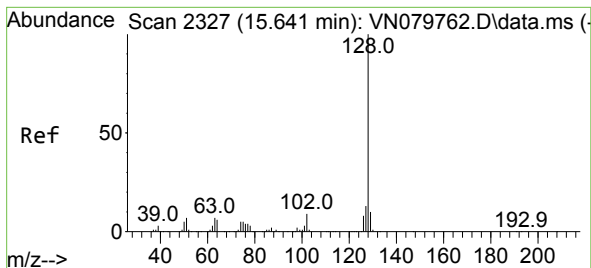
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.8

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 48.171 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Instrument :

MSVOA_N

ClientSampleId :

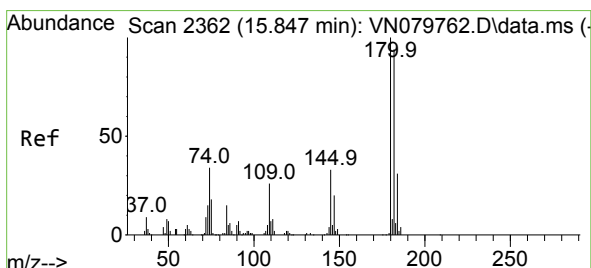
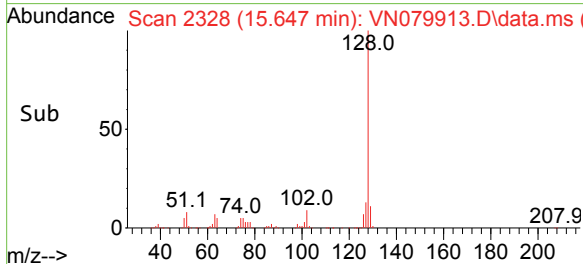
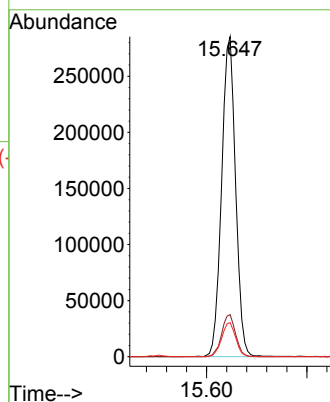
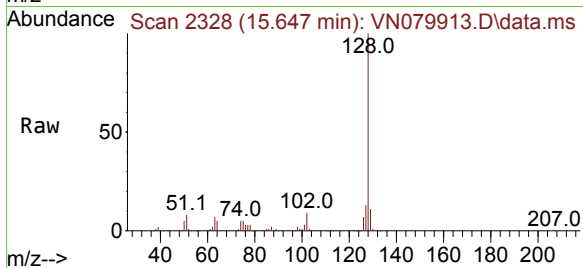
Tgt Ion:128 Resp: 550993

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.965 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079913.D

Acq: 06 Nov 2023 11:07

Tgt Ion:180 Resp: 168499

Ion Ratio Lower Upper

180 100

182 93.0 46.2 138.6

145 32.8 17.5 52.6

