

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079812.D
 Acq On : 02 Nov 2023 21:08
 Operator : JC\MD
 Sample : 05225-09MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 04:08:05 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	267355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	430312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	239948	58.908	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.820%
35) Dibromofluoromethane	8.171	113	185346	55.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.760%
50) Toluene-d8	10.571	98	664813	54.442	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.880%
62) 4-Bromofluorobenzene	12.853	95	228458	56.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	167745	52.089	ug/l	99
3) Chloromethane	2.359	50	216516	54.284	ug/l	99
4) Vinyl Chloride	2.512	62	225550	53.506	ug/l	98
5) Bromomethane	2.948	94	149146	58.231	ug/l	97
6) Chloroethane	3.118	64	185220	55.608	ug/l	98
7) Trichlorofluoromethane	3.495	101	264553	50.458	ug/l	99
8) Diethyl Ether	3.959	74	112688	56.638	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	144744	47.623	ug/l	99
10) Methyl Iodide	4.589	142	188853	54.411	ug/l	99
11) Tert butyl alcohol	5.524	59	137919	265.246	ug/l	99
12) 1,1-Dichloroethene	4.336	96	150121	52.166	ug/l	87
13) Acrolein	4.177	56	141389	394.138	ug/l	98
14) Allyl chloride	5.024	41	251732	57.112	ug/l #	90
15) Acrylonitrile	5.718	53	489226	301.917	ug/l	99
16) Acetone	4.424	43	378786	264.743	ug/l	92
17) Carbon Disulfide	4.712	76	419807	50.573	ug/l	99
18) Methyl Acetate	5.018	43	384072	56.108	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	571499	57.682	ug/l	97
20) Methylene Chloride	5.277	84	197611	54.737	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	172997	53.901	ug/l #	78
22) Diisopropyl ether	6.677	45	643951	63.043	ug/l #	88
23) Vinyl Acetate	6.606	43	1687416	299.491	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	366016	58.955	ug/l	98
25) 2-Butanone	7.483	43	637376	304.214	ug/l #	80
26) 2,2-Dichloropropane	7.489	77	258627	50.370	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	214677	55.917	ug/l	86
28) Bromochloromethane	7.818	49	184148	60.864	ug/l #	74
29) Tetrahydrofuran	7.841	42	428297	314.201	ug/l #	75
30) Chloroform	7.971	83	375161	55.631	ug/l	93
31) Cyclohexane	8.259	56	264902	49.216	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	302718	55.091	ug/l	94
36) 1,1-Dichloropropene	8.371	75	256408	54.138	ug/l	95
37) Ethyl Acetate	7.565	43	255467	58.813	ug/l #	90
38) Carbon Tetrachloride	8.365	117	254320	53.280	ug/l	99
39) Methylcyclohexane	9.606	83	226475	50.811	ug/l #	88
40) Benzene	8.606	78	808229	56.975	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	146731	63.614	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	302793	61.107	ug/l	97
43) Isopropyl Acetate	8.688	43	431972	56.708	ug/l #	91
44) Trichloroethene	9.353	130	182066	51.722	ug/l	97
45) 1,2-Dichloropropane	9.624	63	221657	61.143	ug/l	93
46) Dibromomethane	9.712	93	146026	58.992	ug/l	96
47) Bromodichloromethane	9.888	83	302010	57.208	ug/l	100
48) Methyl methacrylate	9.683	41	219588	65.813	ug/l #	80
49) 1,4-Dioxane	9.694	88	68608	1163.699	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1396556	325.644	ug/l	89
52) Toluene	10.635	92	481322	57.233	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	303074	58.562	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	321753	57.039	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	201040	59.434	ug/l	96
56) Ethyl methacrylate	10.877	69	302679	62.732	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	364797	61.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.312	63	1594	0.652	ug/l #	42
59) 2-Hexanone	11.200	43	996124	303.625	ug/l	89
60) Dibromochloromethane	11.359	129	213908	59.078	ug/l	100
61) 1,2-Dibromoethane	11.471	107	195731	57.651	ug/l	100
64) Tetrachloroethene	11.106	164	141252	50.684	ug/l	98
65) Chlorobenzene	11.894	112	501790	53.758	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	193987	57.682	ug/l	97
67) Ethyl Benzene	11.965	91	886719	54.525	ug/l	96
68) m/p-Xylenes	12.071	106	677125	111.771	ug/l	94
69) o-Xylene	12.400	106	326878	56.033	ug/l	92
70) Styrene	12.412	104	557805	59.498	ug/l	98
71) Bromoform	12.582	173	143384	60.042	ug/l #	99
73) Isopropylbenzene	12.700	105	806499	52.818	ug/l	99
74) N-amyl acetate	12.494	43	370228	55.548	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	306015	56.524	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	365921	77.468	ug/l	70
77) Bromobenzene	12.982	156	204439	54.686	ug/l	94
78) n-propylbenzene	13.035	91	963630	55.109	ug/l	97
79) 2-Chlorotoluene	13.129	91	593957	53.172	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	663617	55.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	99495	57.310	ug/l #	81
82) 4-Chlorotoluene	13.223	91	594252	53.535	ug/l	98
83) tert-Butylbenzene	13.441	119	542776	55.815	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	671575	57.456	ug/l	99
85) sec-Butylbenzene	13.618	105	753940	55.960	ug/l	100
86) p-Isopropyltoluene	13.729	119	627300	57.107	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	361530	51.985	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	358363	50.767	ug/l	99
89) n-Butylbenzene	14.059	91	524415	55.429	ug/l	98
90) Hexachloroethane	14.335	117	118083	54.281	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	352902	53.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52887	57.604	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	171303	54.877	ug/l	98
94) Hexachlorobutadiene	15.506	225	73890	52.215	ug/l	97
95) Naphthalene	15.647	128	549211	51.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	167744	54.820	ug/l	97

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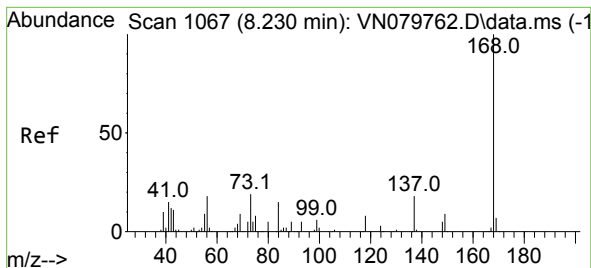
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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

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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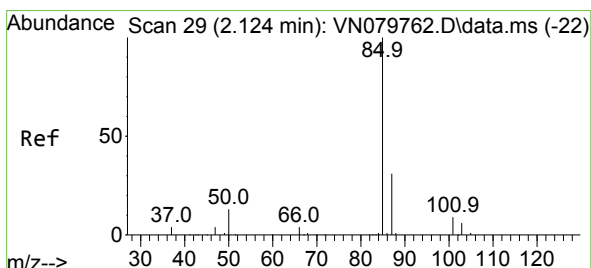
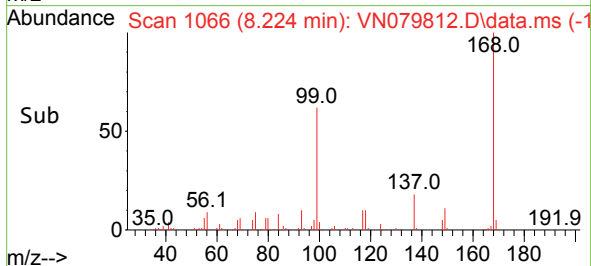
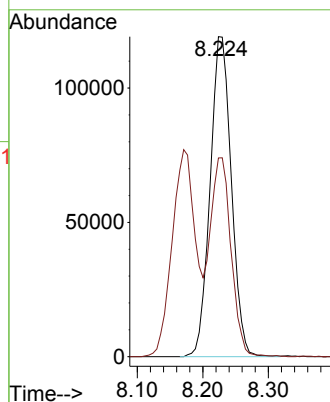
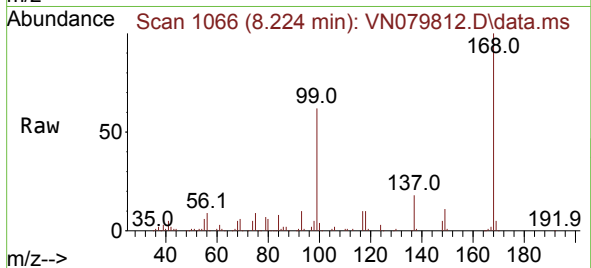




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
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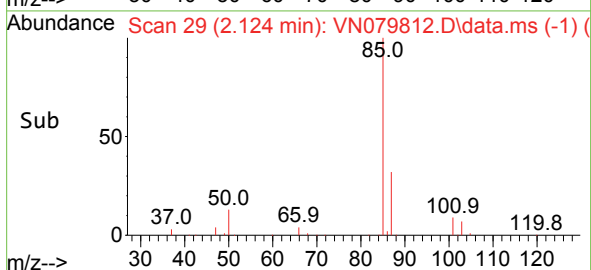
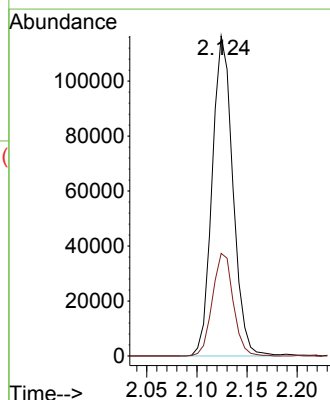
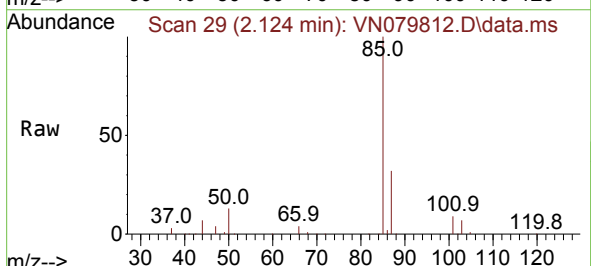
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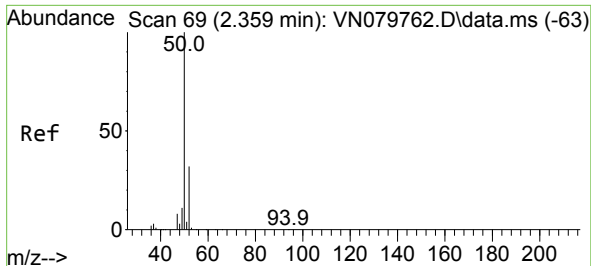
Tgt Ion:168 Resp: 267355
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 52.089 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 85 Resp: 167745
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

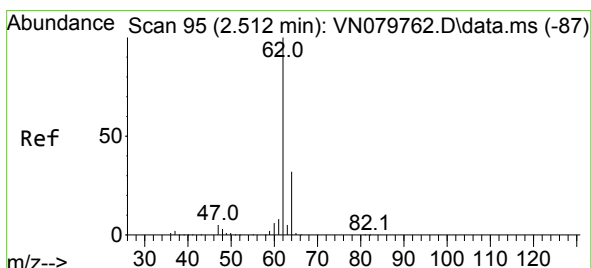
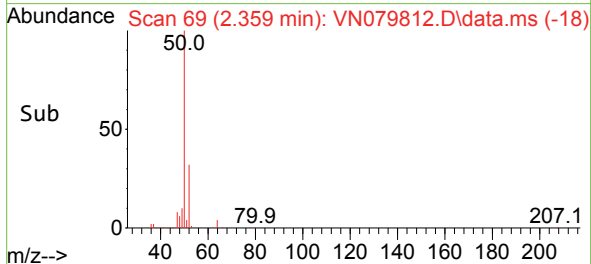
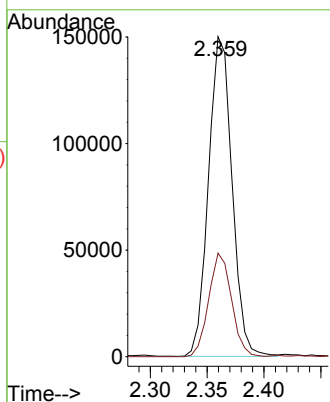
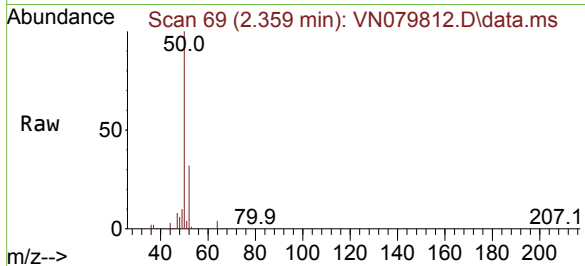




#3
Chloromethane
Concen: 54.284 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079812.D
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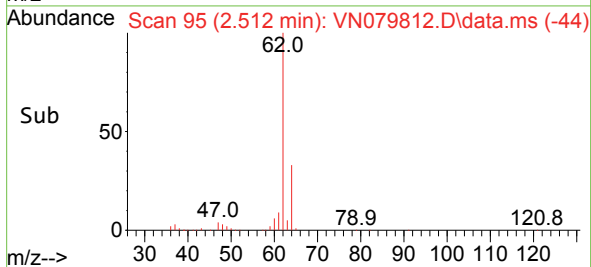
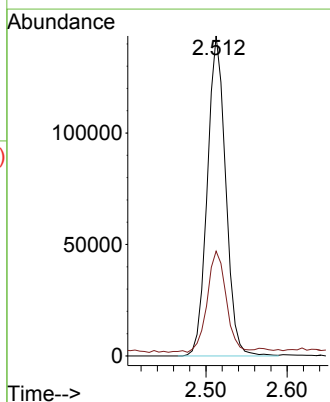
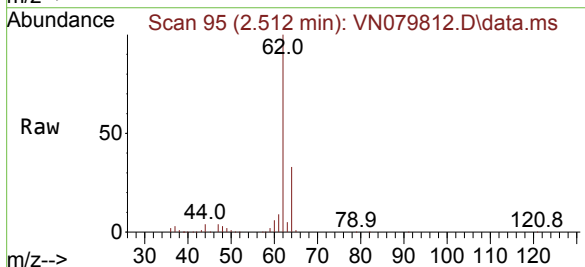
Instrument :
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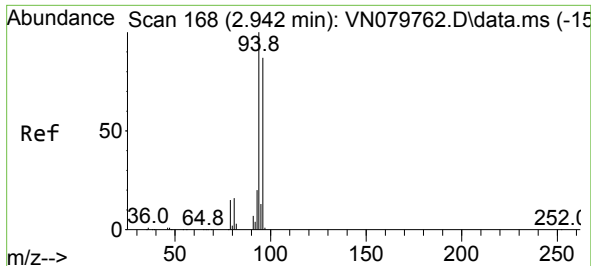
Tgt Ion: 50 Resp: 216516
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 53.506 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 62 Resp: 225550
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2

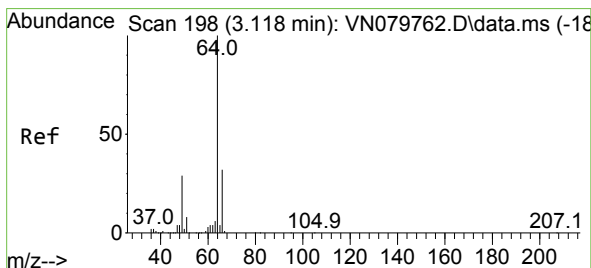
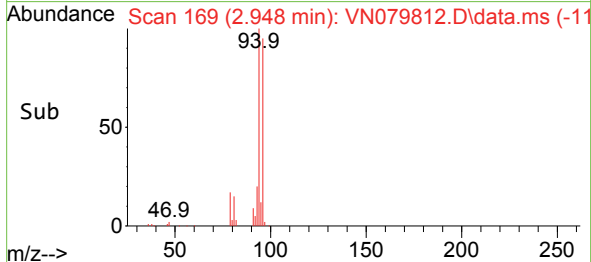
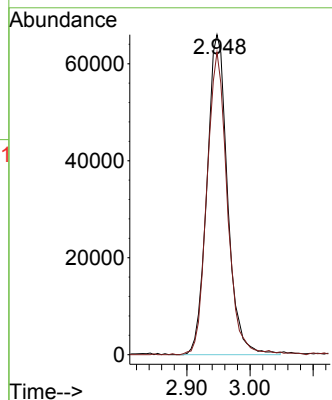
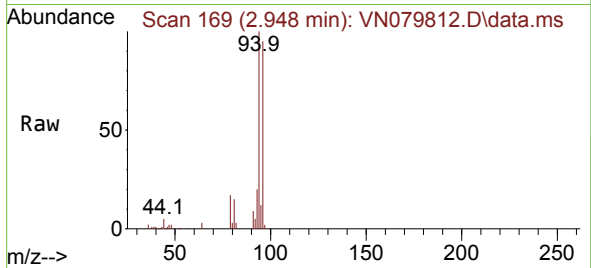




#5
Bromomethane
Concen: 58.231 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079812.D
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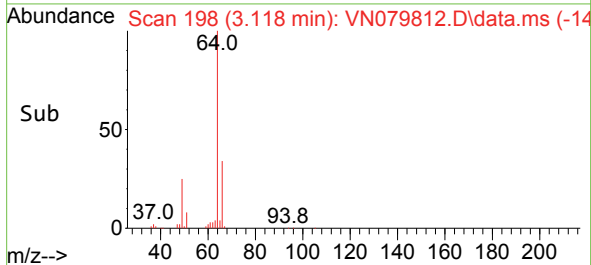
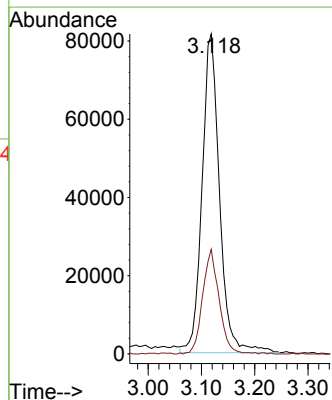
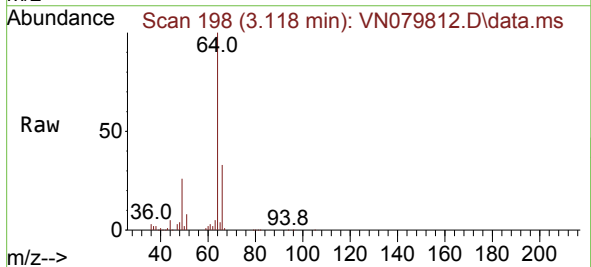
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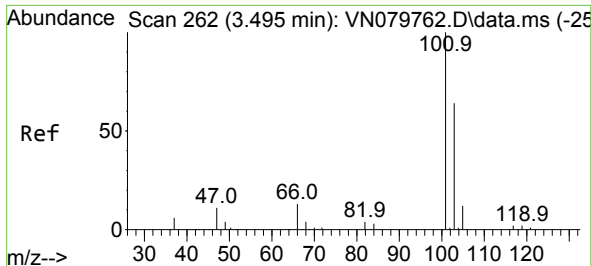
Tgt Ion: 94 Resp: 149146
Ion Ratio Lower Upper
94 100
96 94.6 73.1 109.7



#6
Chloroethane
Concen: 55.608 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 64 Resp: 185220
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.2

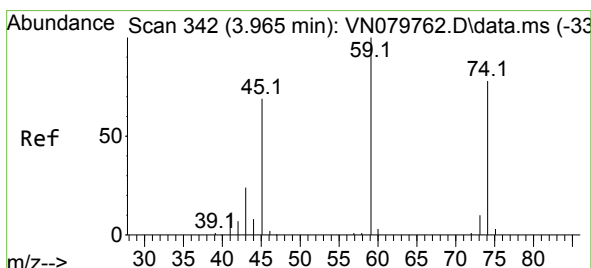
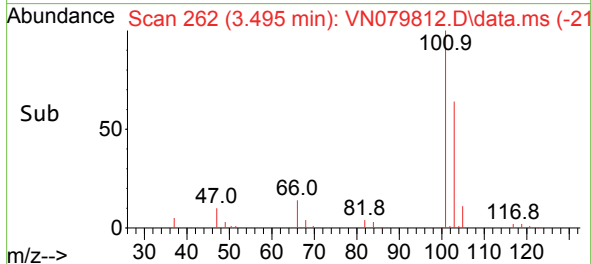
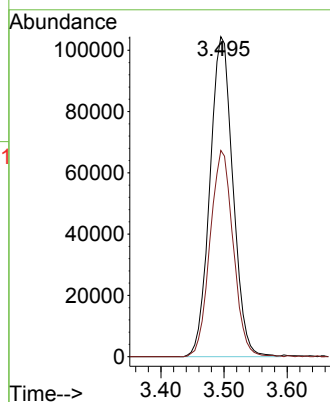
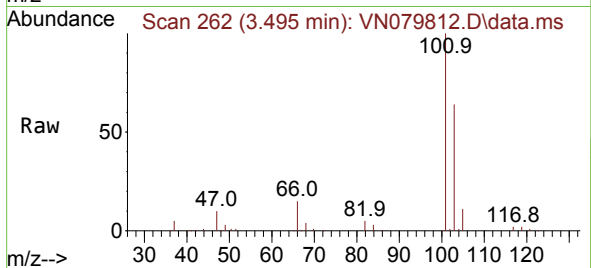




#7
 Trichlorofluoromethane
 Concen: 50.458 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN079812.D
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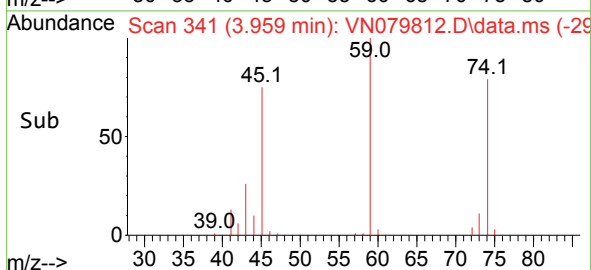
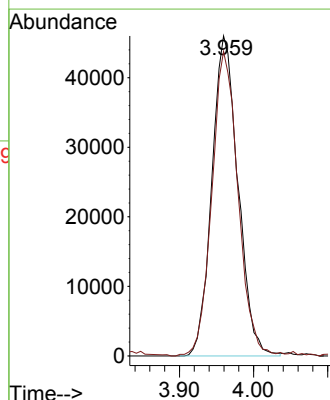
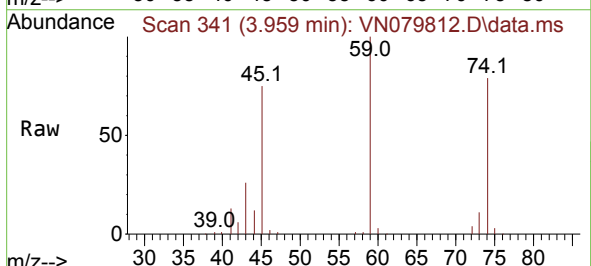
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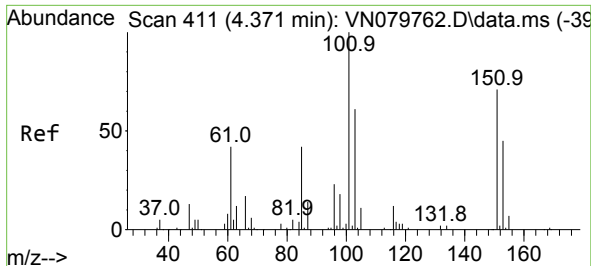
Tgt Ion:101 Resp: 264553
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 56.638 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 112688
 Ion Ratio Lower Upper
 74 100
 45 95.4 34.4 103.3

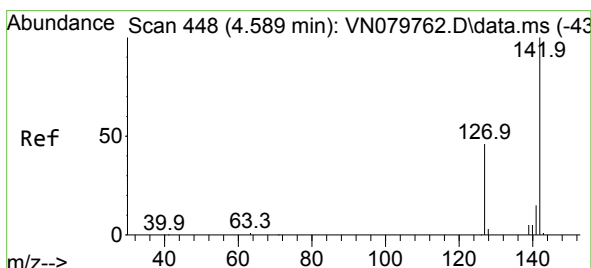
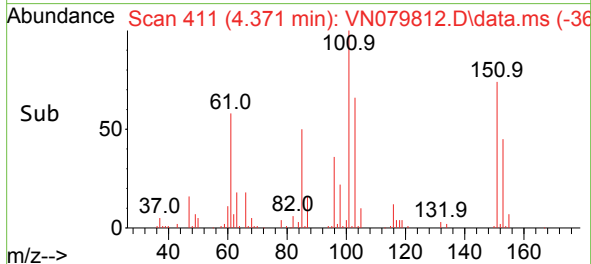
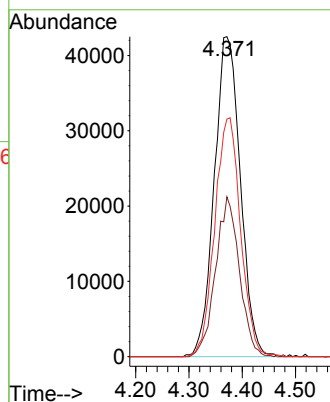
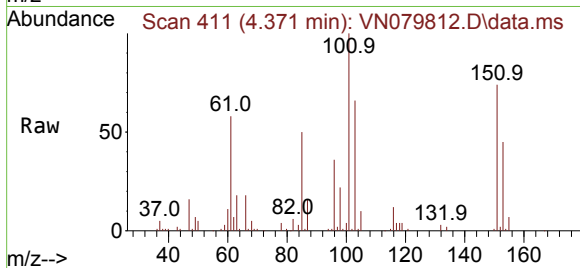




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.623 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

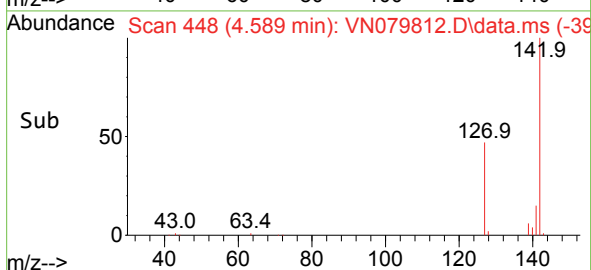
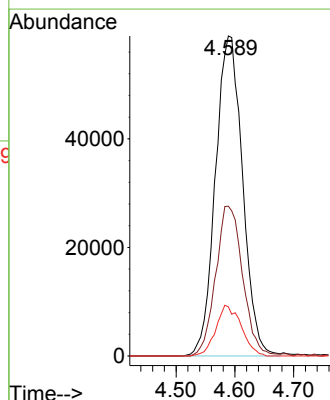
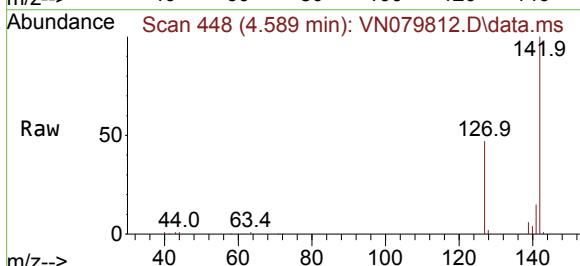
Instrument :
MSVOA_N
ClientSampleId :

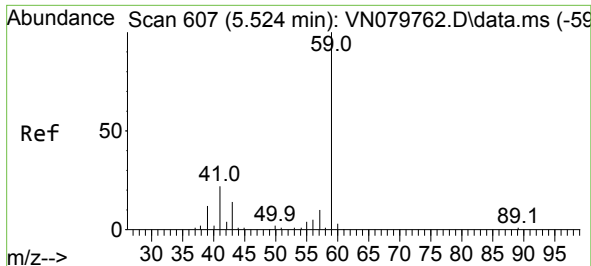
Tgt Ion:101 Resp: 144744
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 73.9 57.6 86.4



#10
Methyl Iodide
Concen: 54.411 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion:142 Resp: 188853
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 15.3 11.4 17.0

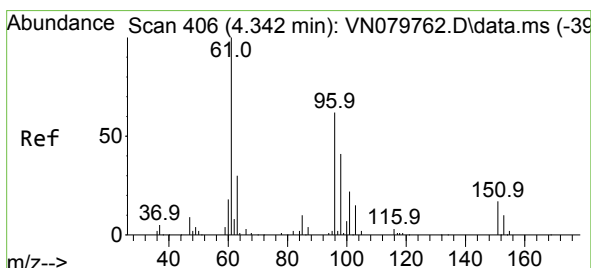
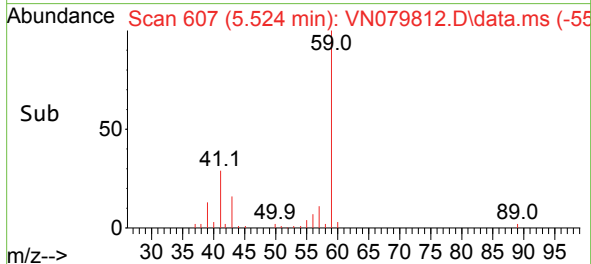
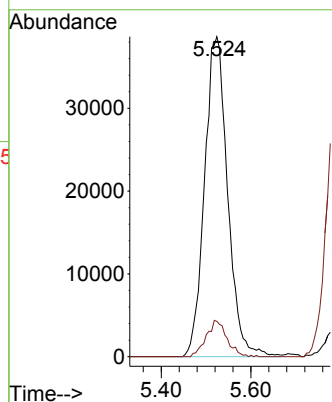
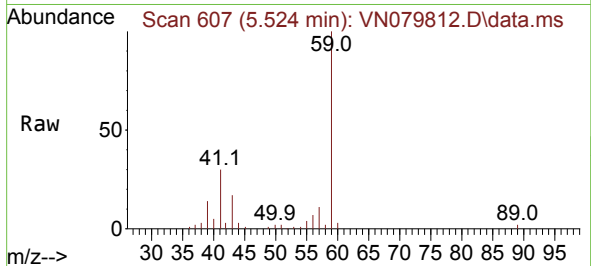




#11
Tert butyl alcohol
Concen: 265.246 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

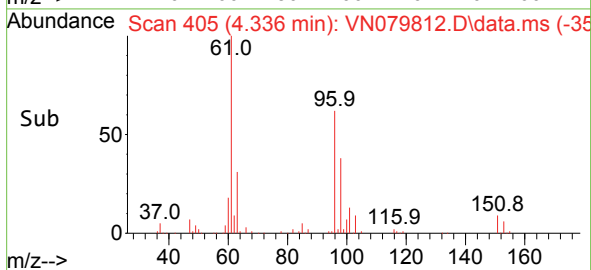
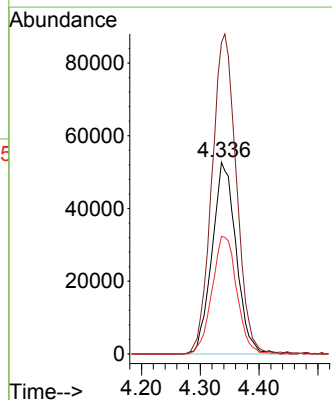
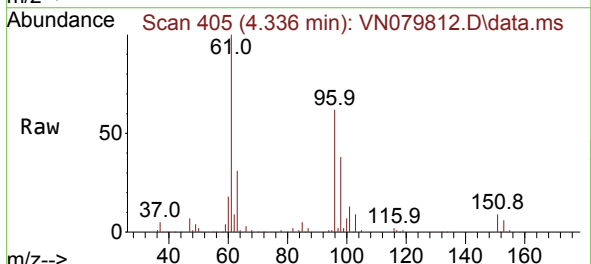
Instrument :
MSVOA_N
ClientSampleId :

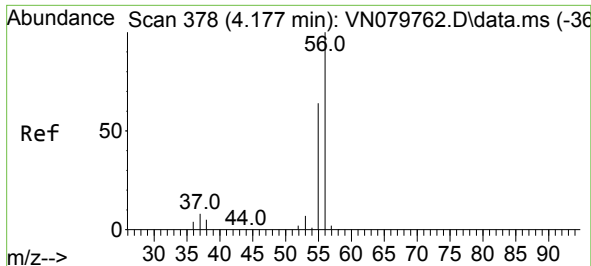
Tgt Ion: 59 Resp: 137919
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.166 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 96 Resp: 150121
Ion Ratio Lower Upper
96 100
61 162.4 112.7 169.1
98 61.3 51.2 76.8





#13

Acrolein

Concen: 394.138 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

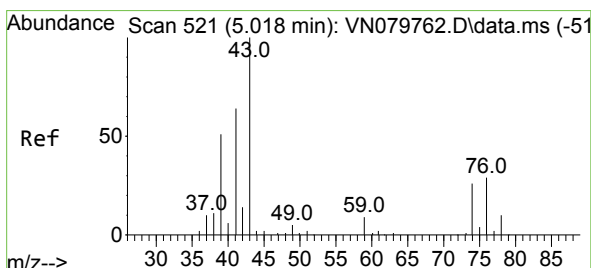
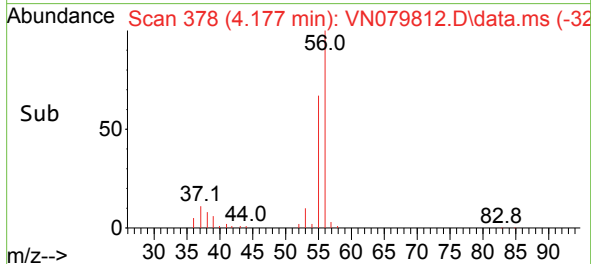
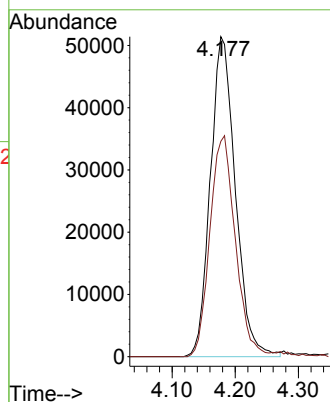
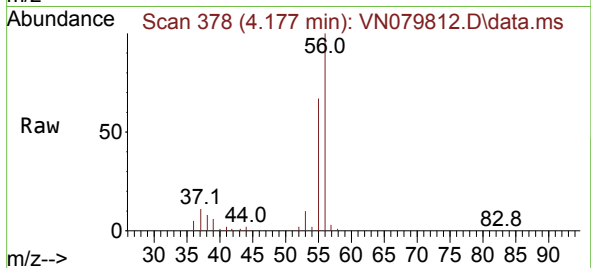
ClientSampleId :

Tgt Ion: 56 Resp: 141389

Ion Ratio Lower Upper

56 100

55 70.0 54.5 81.7



#14

Allyl chloride

Concen: 57.112 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

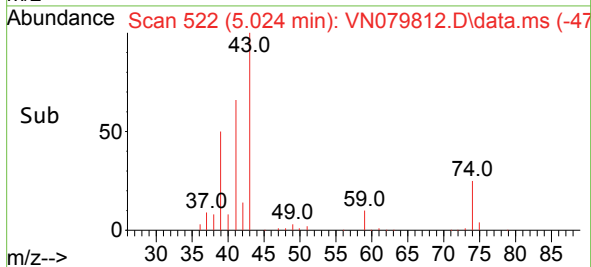
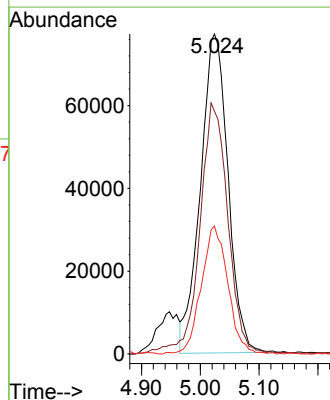
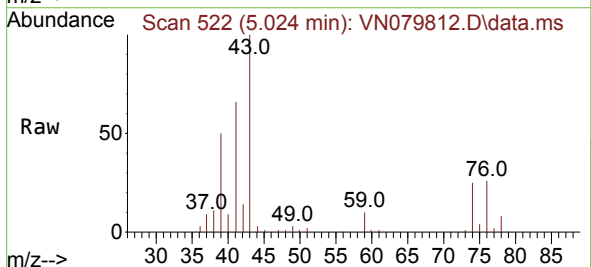
Tgt Ion: 41 Resp: 251732

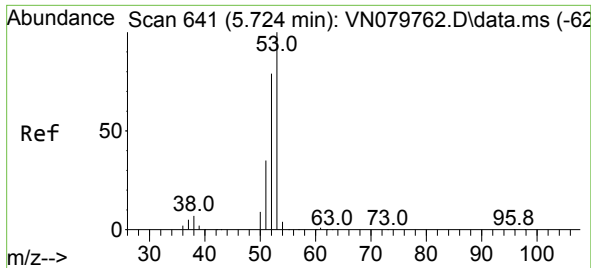
Ion Ratio Lower Upper

41 100

39 79.8 58.8 88.2

76 38.7 39.1 58.7#

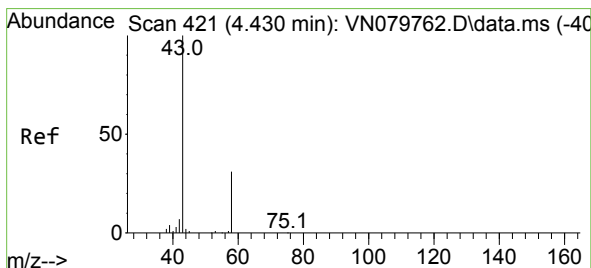
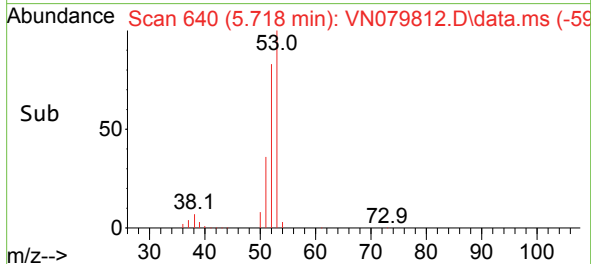
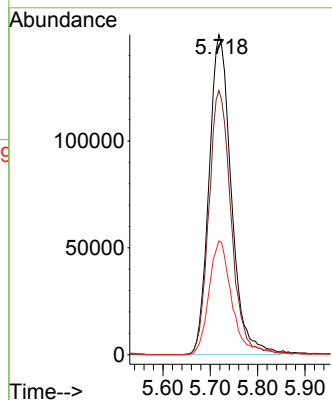
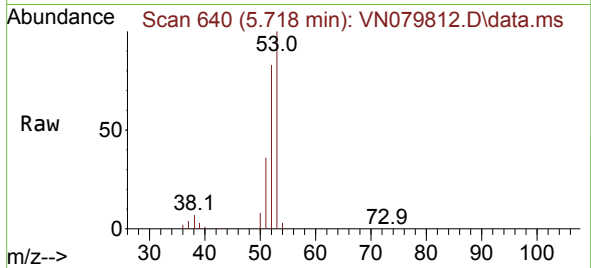




#15
Acrylonitrile
Concen: 301.917 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

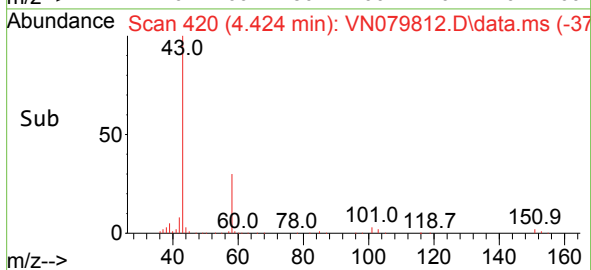
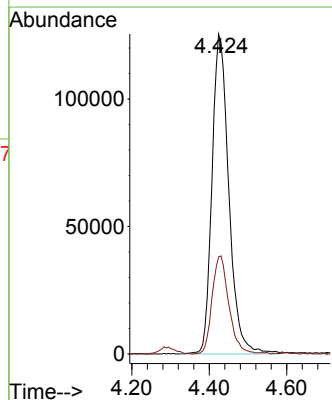
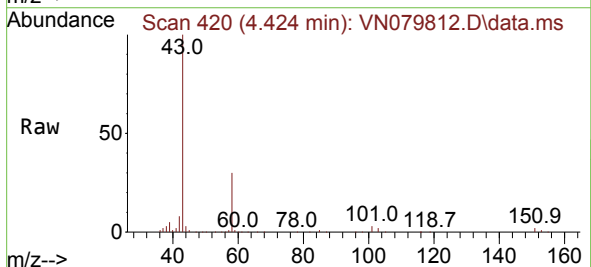
Instrument :
MSVOA_N
ClientSampleId :

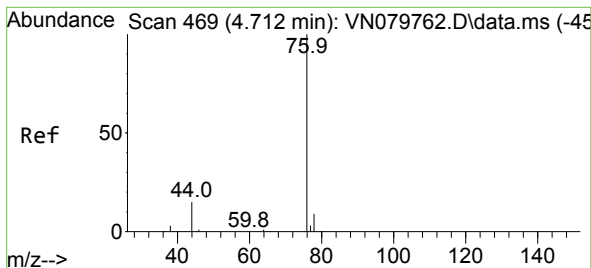
Tgt Ion: 53 Resp: 489226
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 264.743 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 43 Resp: 378786
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0





#17

Carbon Disulfide

Concen: 50.573 ug/l

RT: 4.712 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

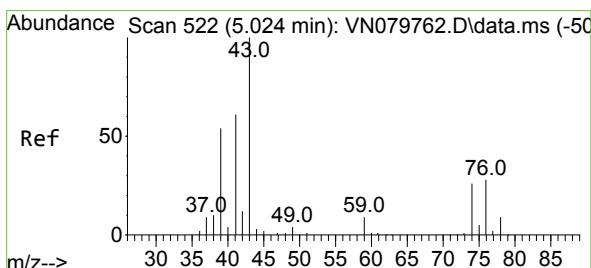
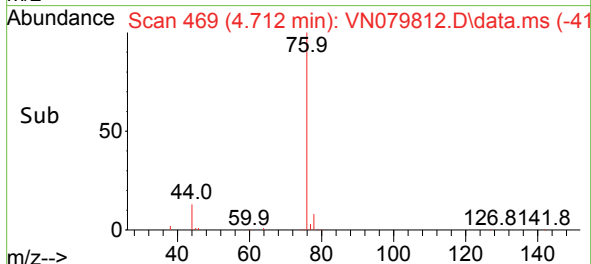
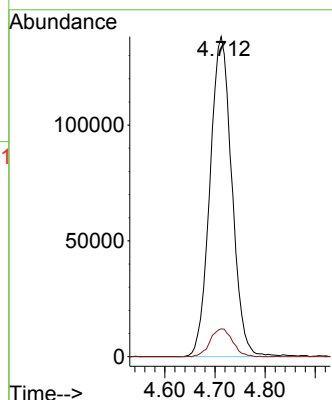
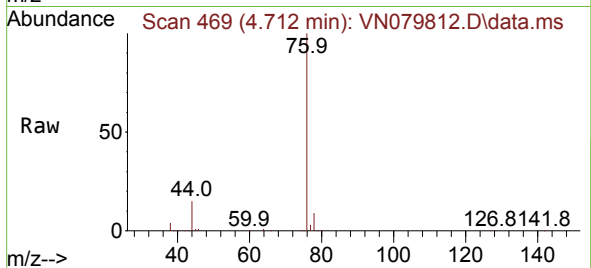
ClientSampleId :

Tgt Ion: 76 Resp: 419807

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



#18

Methyl Acetate

Concen: 56.108 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079812.D

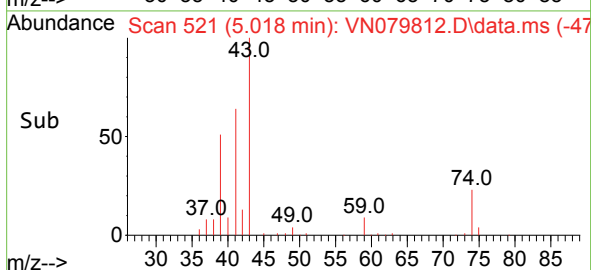
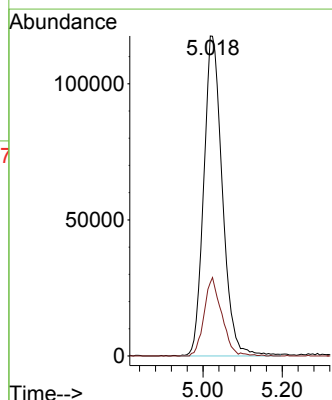
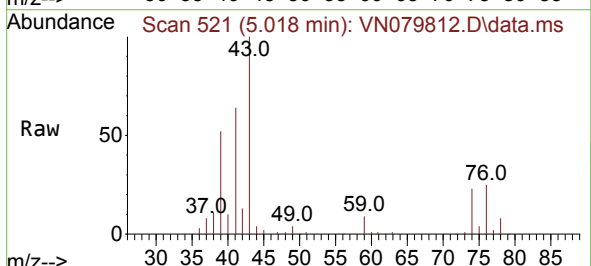
Acq: 02 Nov 2023 21:08

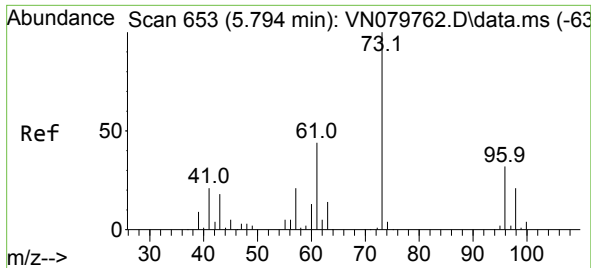
Tgt Ion: 43 Resp: 384072

Ion Ratio Lower Upper

43 100

74 23.2 26.2 39.4#

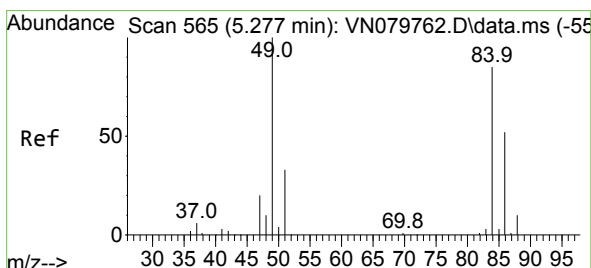
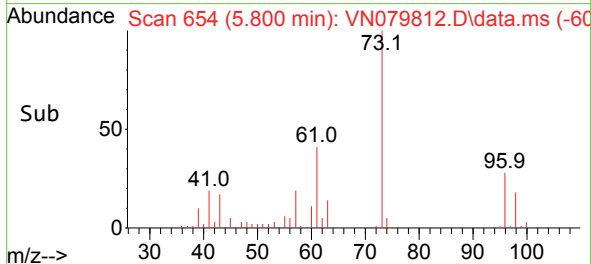
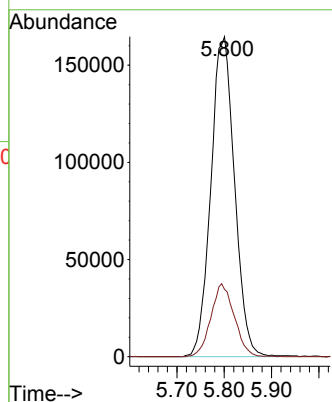
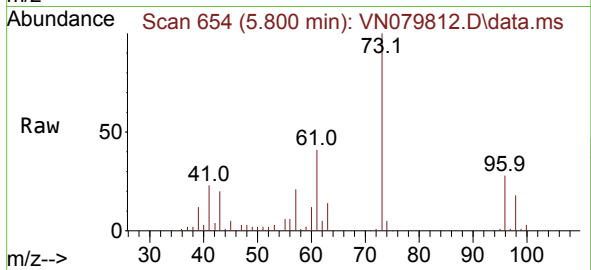




#19
Methyl tert-butyl Ether
Concen: 57.682 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

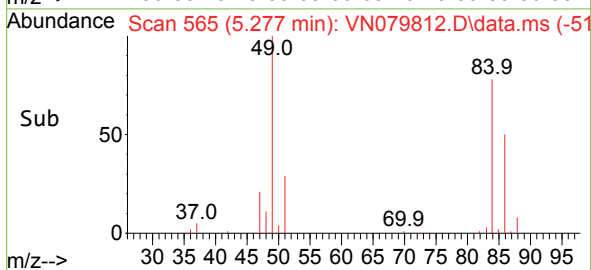
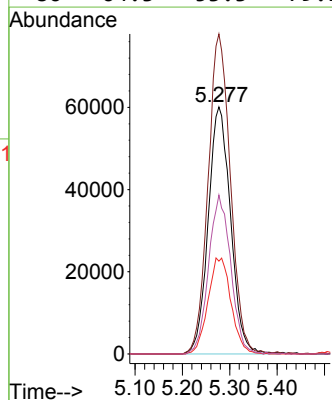
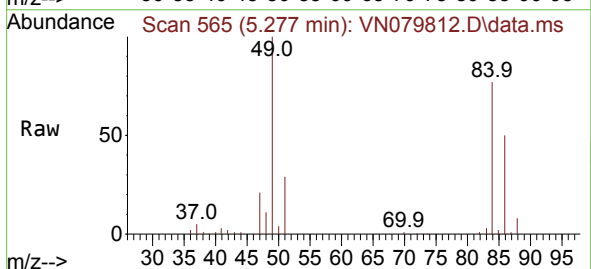
Instrument :
MSVOA_N
ClientSampleId :

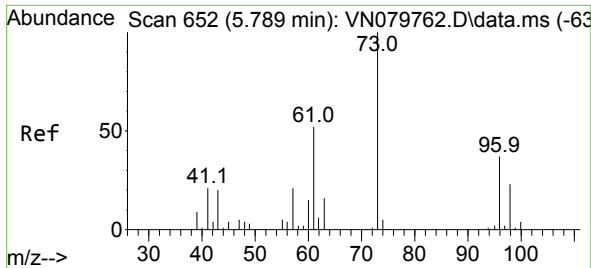
Tgt Ion: 73 Resp: 571499
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4



#20
Methylene Chloride
Concen: 54.737 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 84 Resp: 197611
Ion Ratio Lower Upper
84 100
49 129.5 79.7 119.5#
51 37.6 25.2 37.8
86 64.3 53.3 79.9

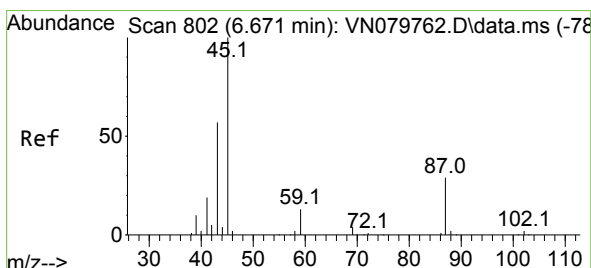
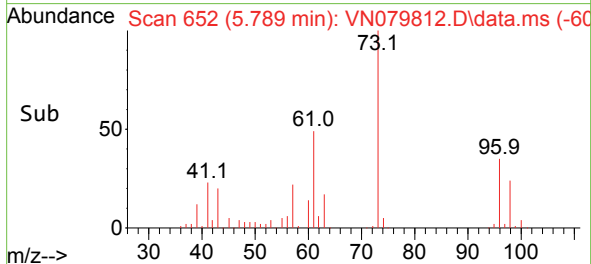
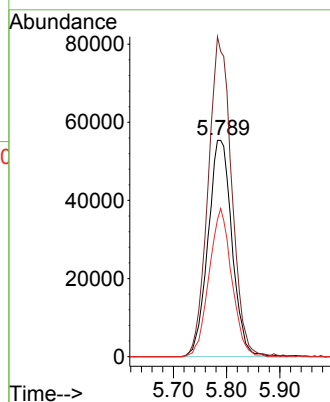
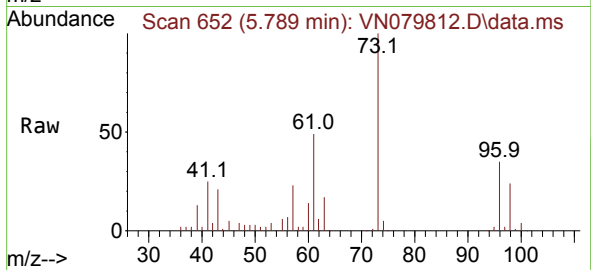




#21
trans-1,2-Dichloroethene
Concen: 53.901 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

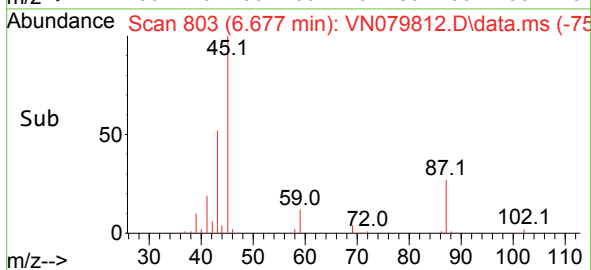
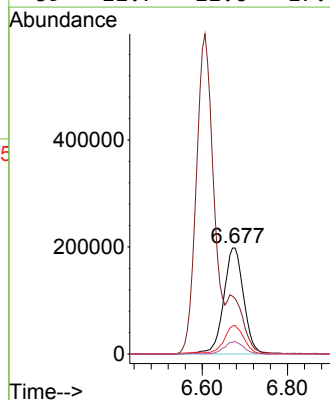
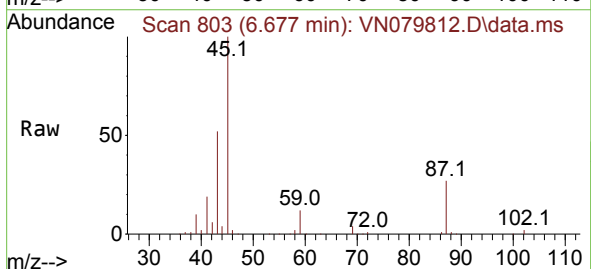
Instrument :
MSVOA_N
ClientSampleId :

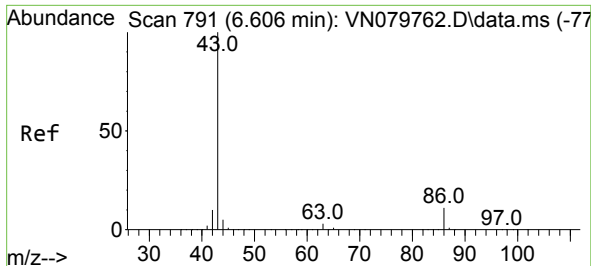
Tgt Ion: 96 Resp: 172997
Ion Ratio Lower Upper
96 100
61 141.1 90.1 135.1#
98 68.5 46.4 69.6



#22
Diisopropyl ether
Concen: 63.043 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 45 Resp: 643951
Ion Ratio Lower Upper
45 100
43 51.3 45.5 68.3
87 27.1 31.8 47.8#
59 11.7 11.6 17.4

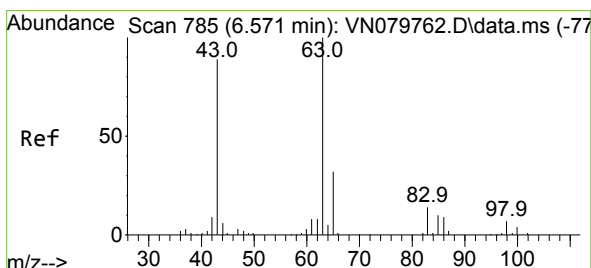
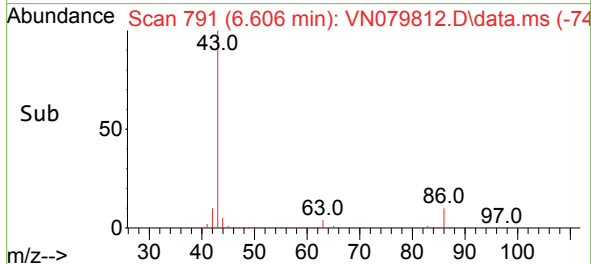
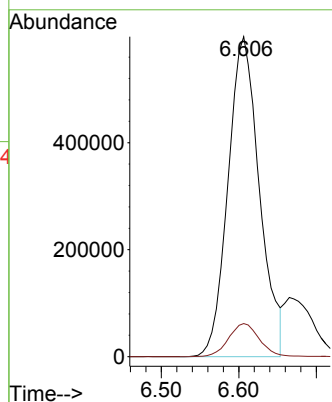
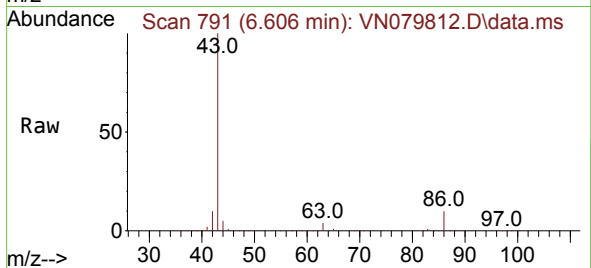




#23
 Vinyl Acetate
 Concen: 299.491 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

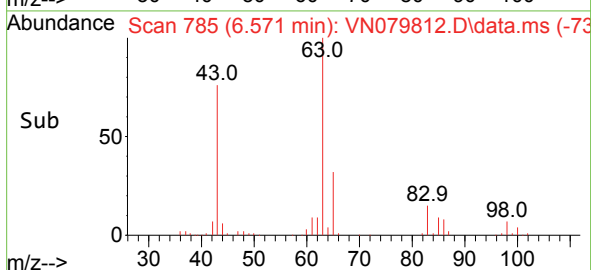
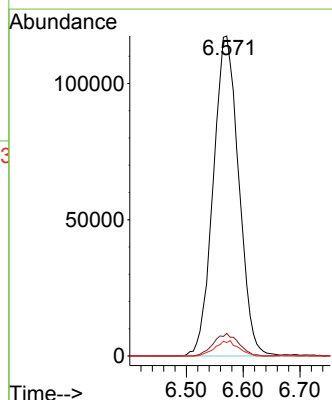
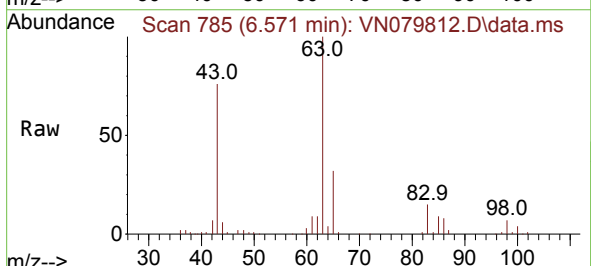
Instrument :
 MSVOA_N
 ClientSampleId :

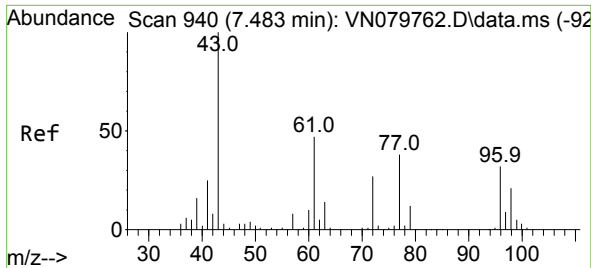
Tgt Ion: 43 Resp: 1687416
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 58.955 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

Tgt Ion: 63 Resp: 366016
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.2 2.5 7.4

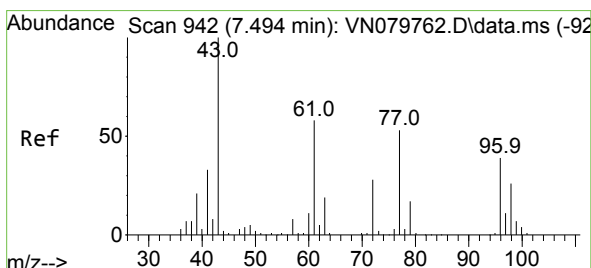
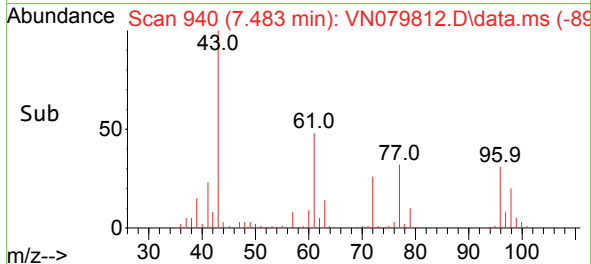
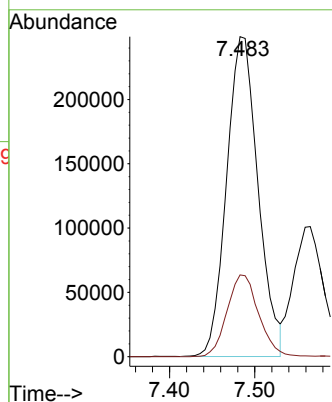
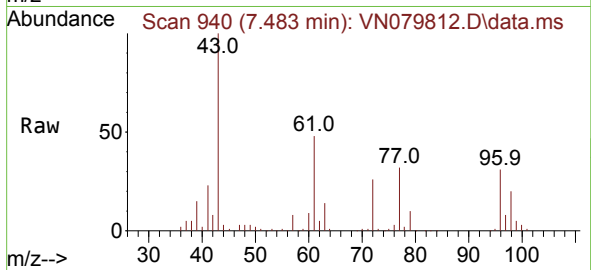




#25
2-Butanone
Concen: 304.214 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

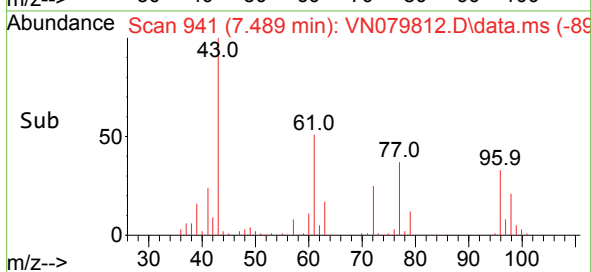
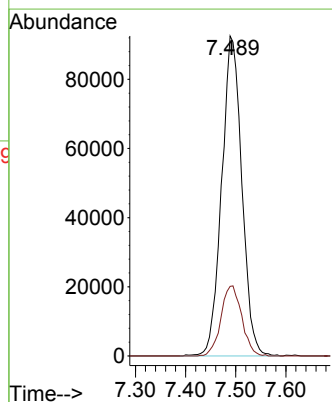
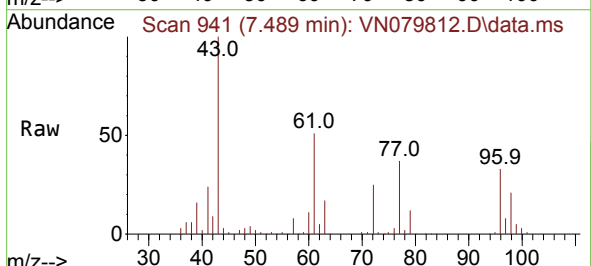
Instrument :
MSVOA_N
ClientSampleId :

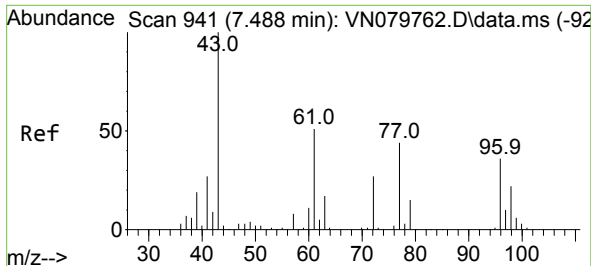
Tgt Ion: 43 Resp: 637376
Ion Ratio Lower Upper
43 100
72 25.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 50.370 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 77 Resp: 258627
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6

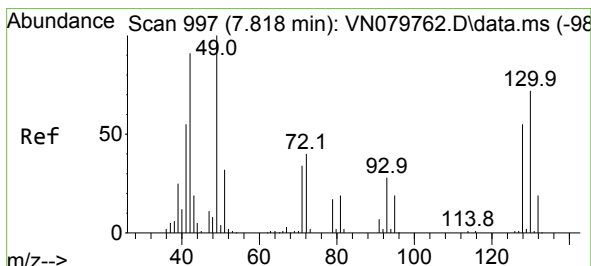
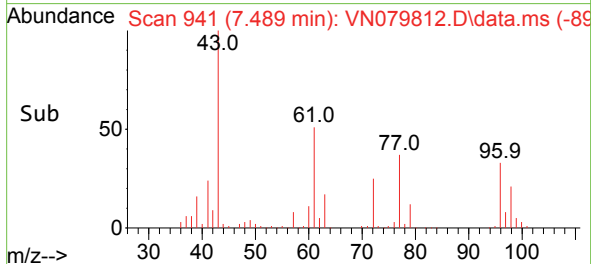
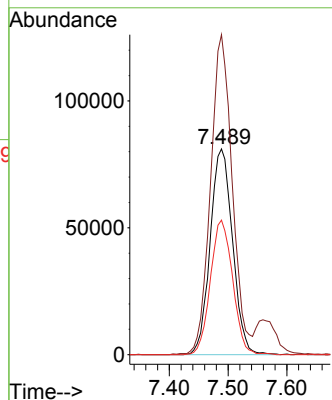
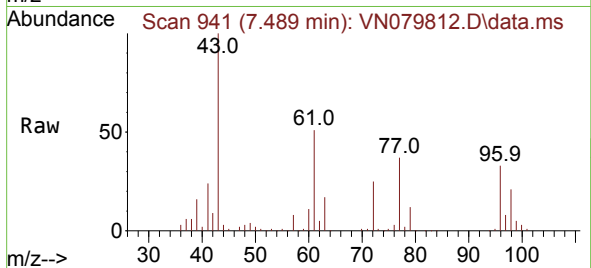




#27
 cis-1,2-Dichloroethene
 Concen: 55.917 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

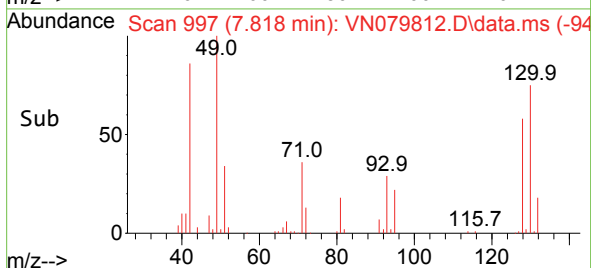
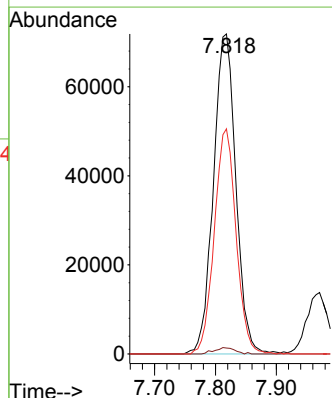
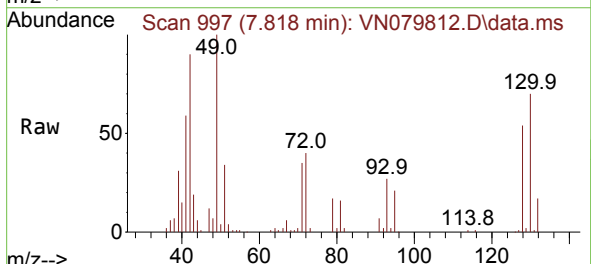
Instrument :
 MSVOA_N
 ClientSampleId :

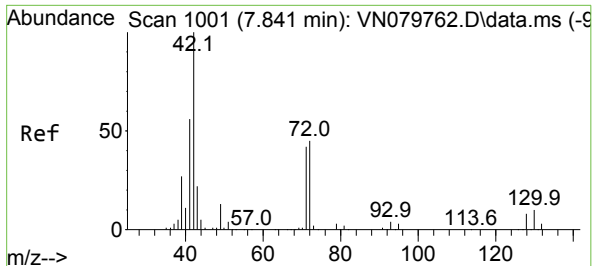
Tgt Ion: 96 Resp: 214677
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 255.2
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 60.864 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

Tgt Ion: 49 Resp: 184148
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 68.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 314.201 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

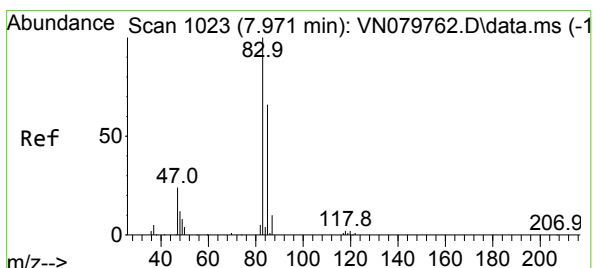
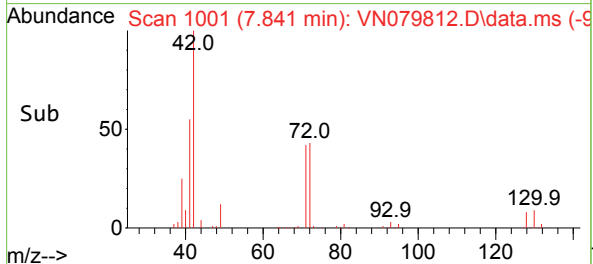
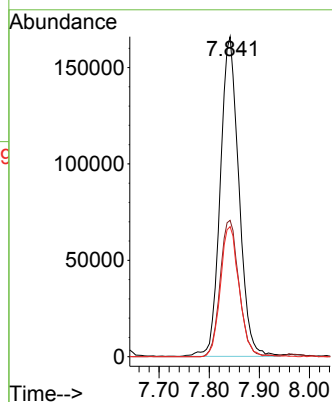
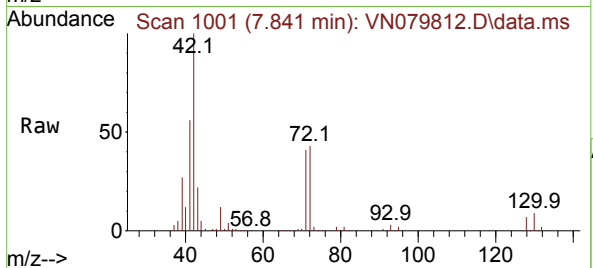
Tgt Ion: 42 Resp: 428297

Ion Ratio Lower Upper

42 100

72 43.2 49.8 74.6#

71 40.9 47.4 71.2#



#30

Chloroform

Concen: 55.631 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079812.D

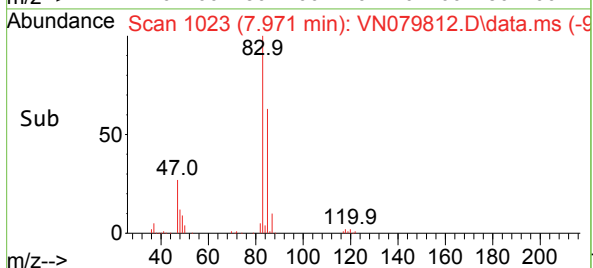
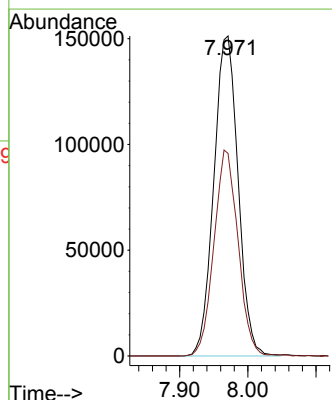
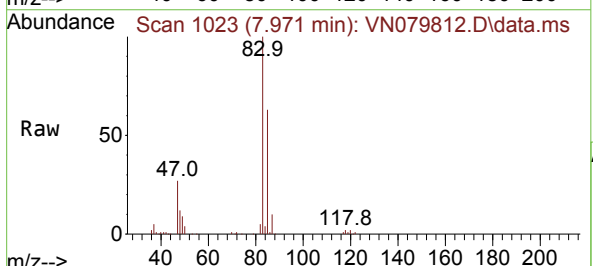
Acq: 02 Nov 2023 21:08

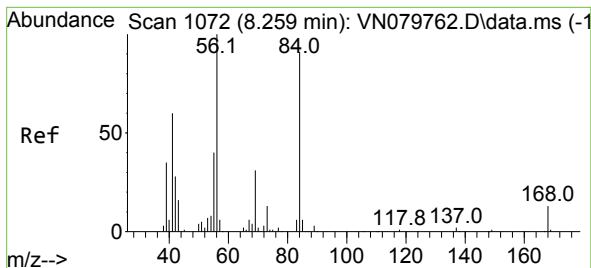
Tgt Ion: 83 Resp: 375161

Ion Ratio Lower Upper

83 100

85 63.3 55.4 83.0





#31

Cyclohexane

Concen: 49.216 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

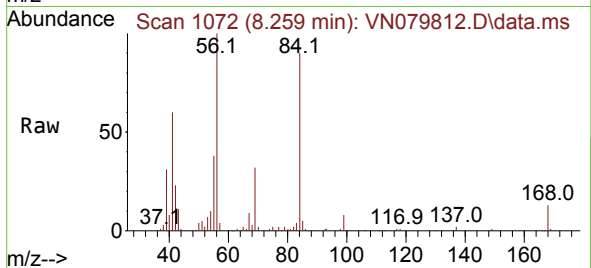
Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :



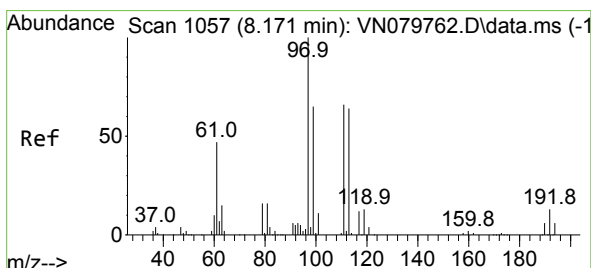
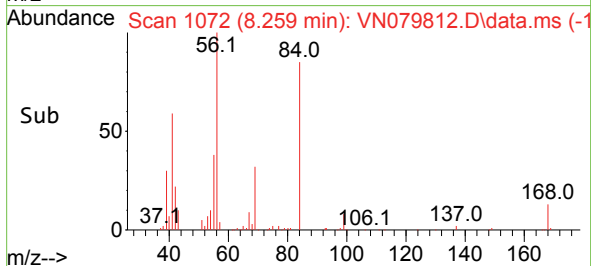
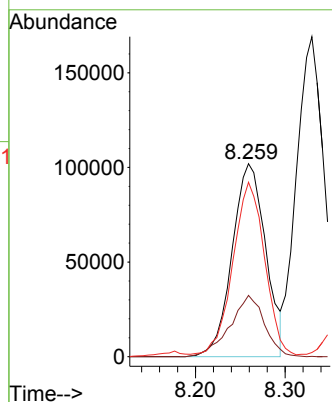
Tgt Ion: 56 Resp: 264902

Ion Ratio Lower Upper

56 100

69 31.8 26.8 40.2

84 88.7 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 55.091 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

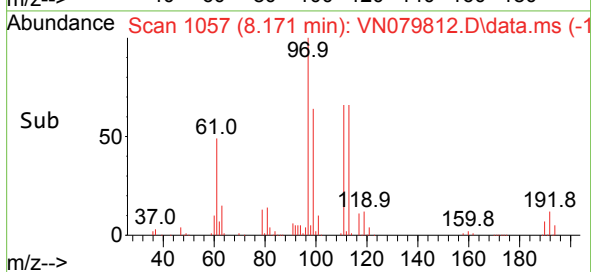
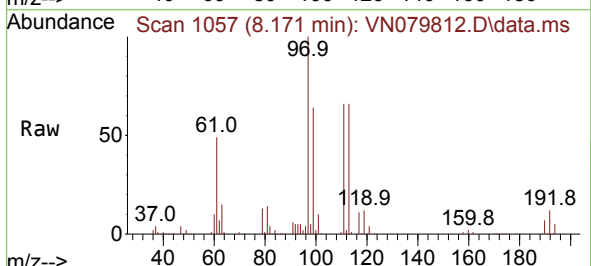
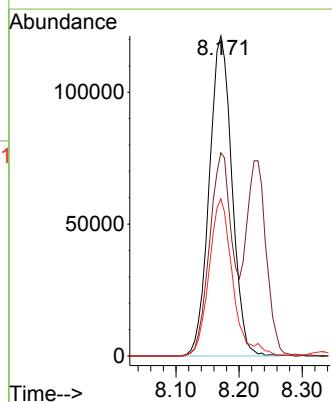
Tgt Ion: 97 Resp: 302718

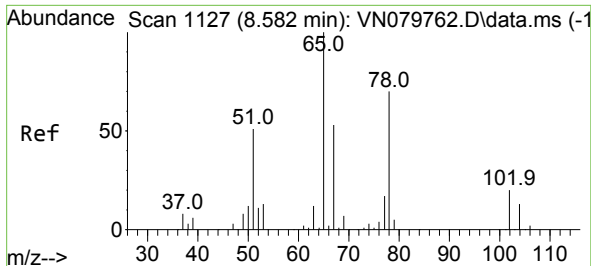
Ion Ratio Lower Upper

97 100

99 63.9 50.3 75.5

61 51.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.908 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

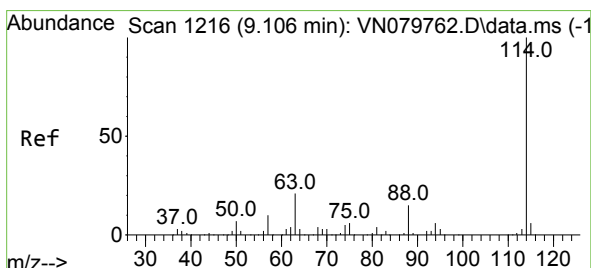
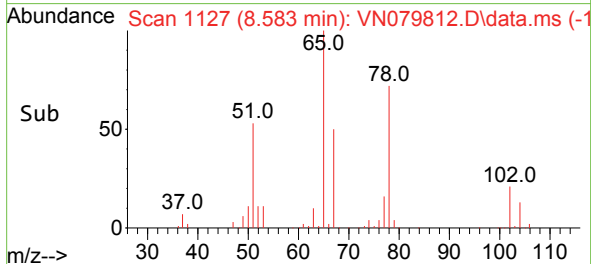
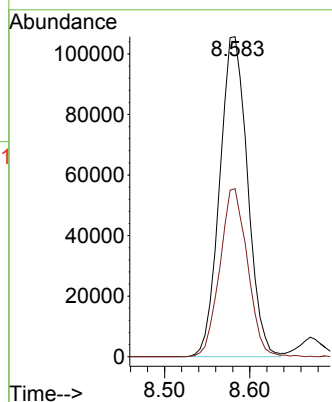
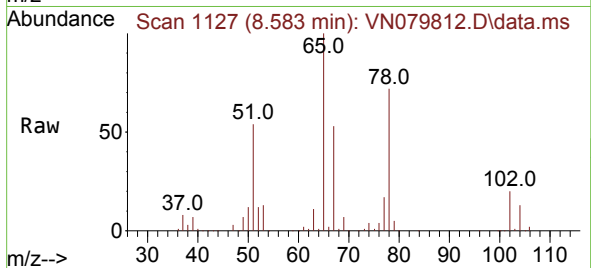
ClientSampleId :

Tgt Ion: 65 Resp: 239948

Ion Ratio Lower Upper

65 100

67 52.2 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: VN079812.D

Acq: 02 Nov 2023 21:08

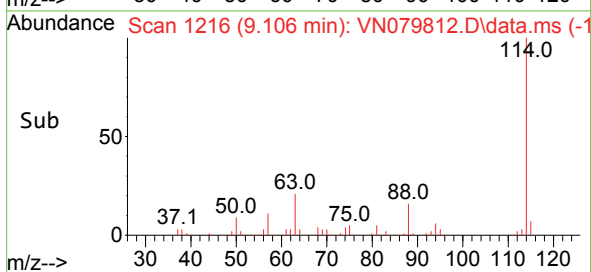
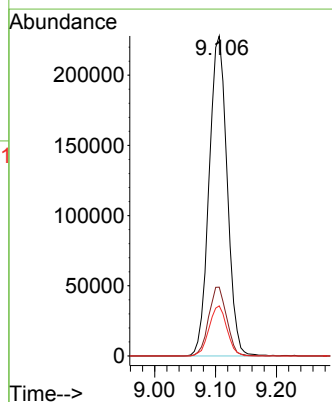
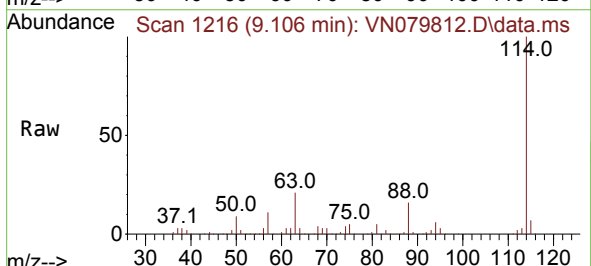
Tgt Ion: 114 Resp: 468673

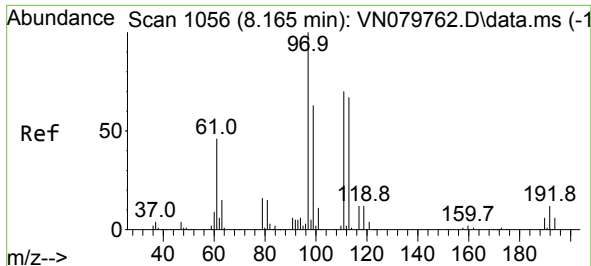
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.7 0.0 30.6

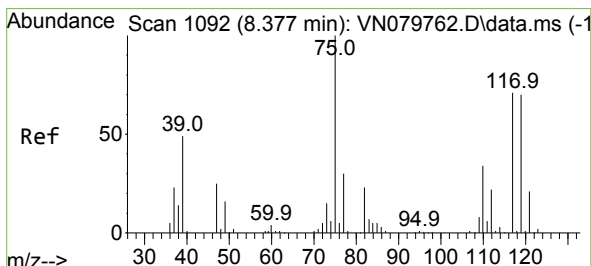
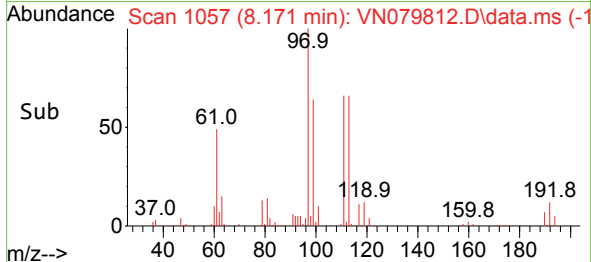
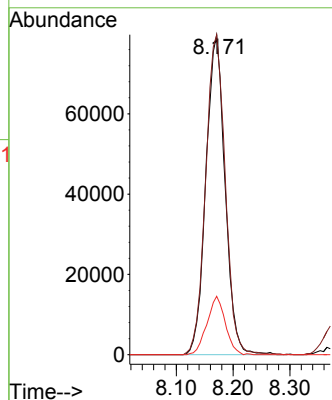
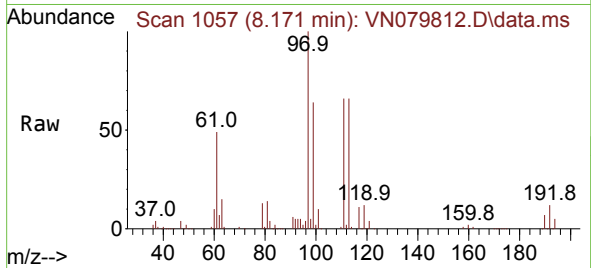




#35
Dibromofluoromethane
Concen: 55.876 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

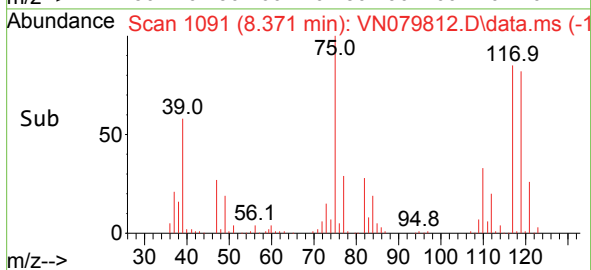
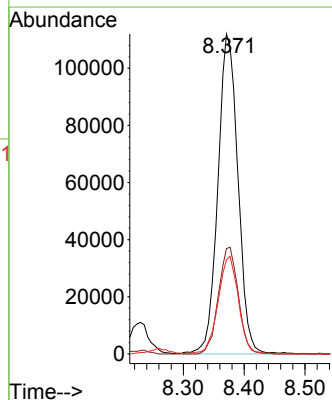
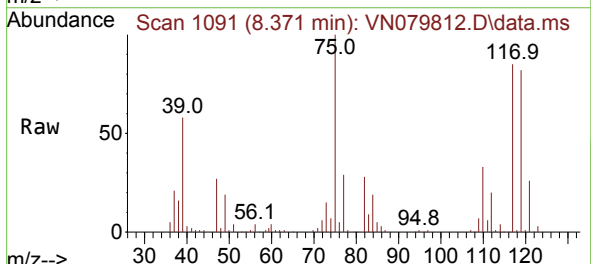
Instrument :
MSVOA_N
ClientSampleId :

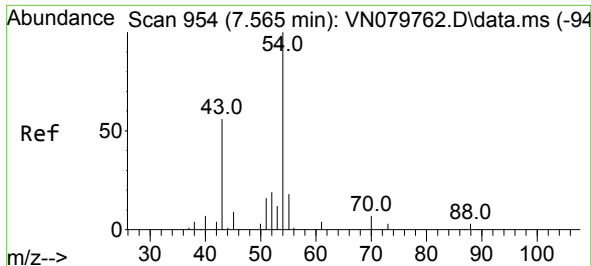
Tgt Ion:113 Resp: 185346
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 54.138 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 75 Resp: 256408
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 31.0 25.0 37.4

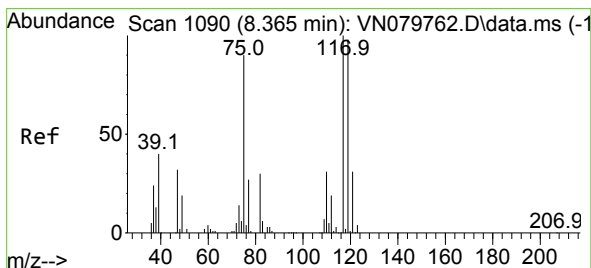
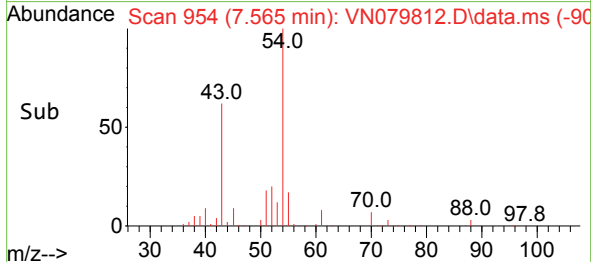
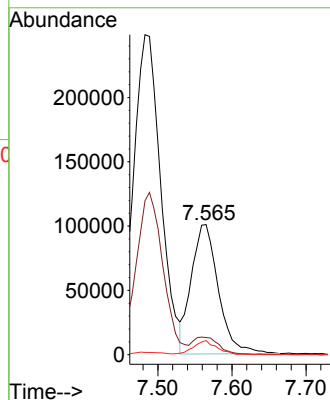
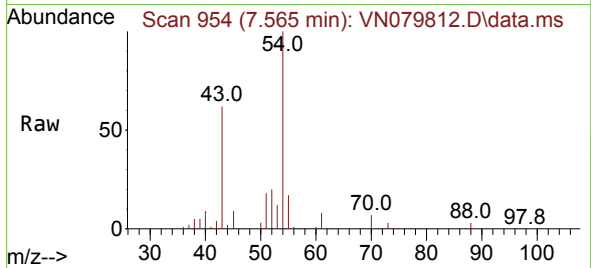




#37
Ethyl Acetate
Concen: 58.813 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

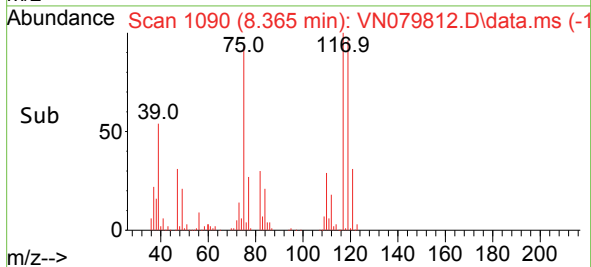
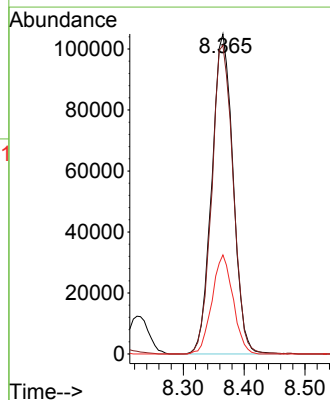
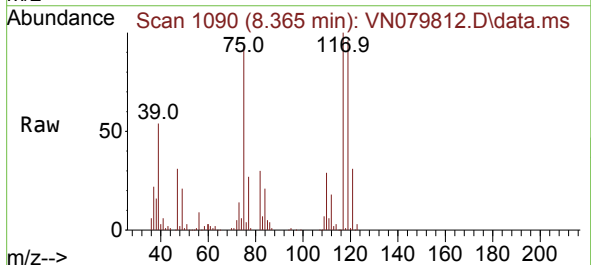
Instrument :
MSVOA_N
ClientSampleId :

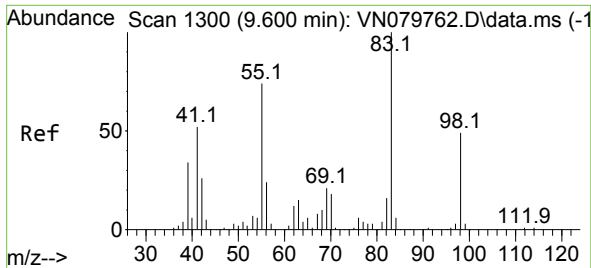
Tgt Ion: 43 Resp: 255467
Ion Ratio Lower Upper
43 100
61 12.6 13.2 19.8#
70 9.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 53.280 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 117 Resp: 254320
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 31.0 23.3 34.9

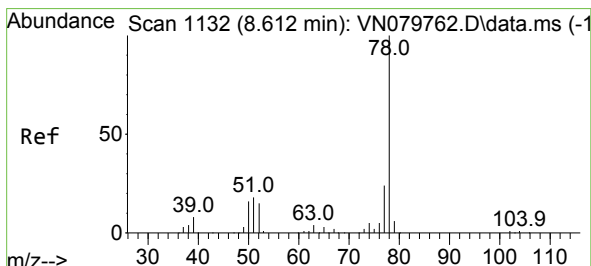
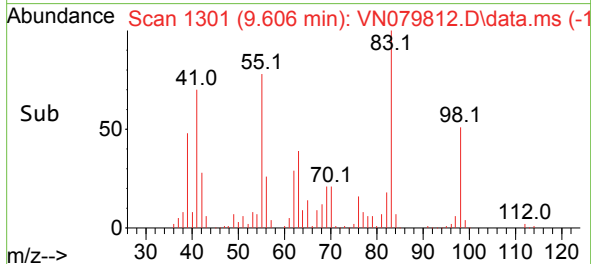
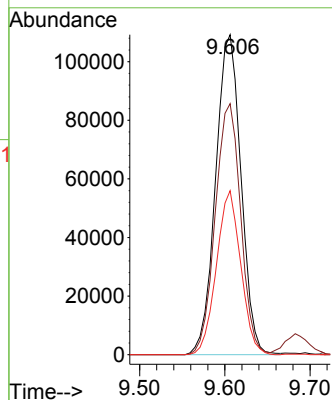
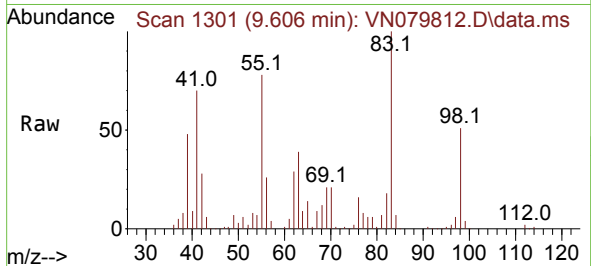




#39
Methylcyclohexane
Concen: 50.811 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

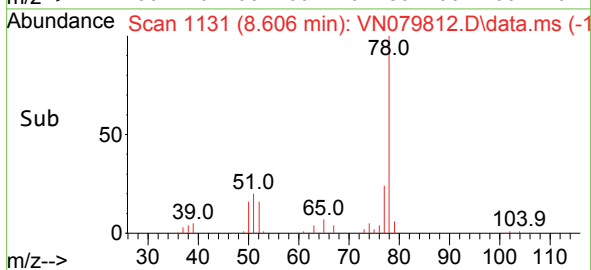
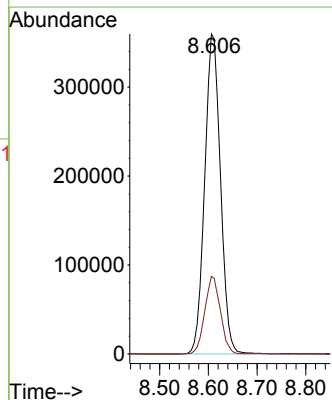
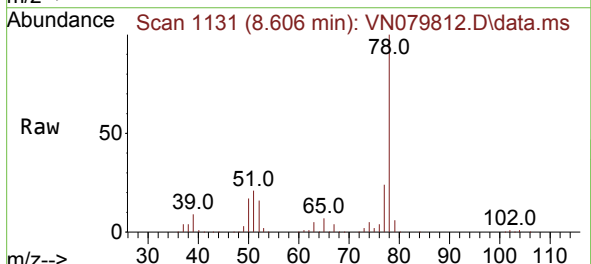
Instrument :
MSVOA_N
ClientSampleId :

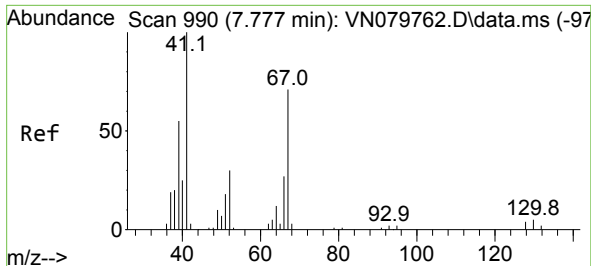
Tgt Ion: 83 Resp: 226475
Ion Ratio Lower Upper
83 100
55 78.4 49.1 73.7#
98 51.3 40.6 61.0



#40
Benzene
Concen: 56.975 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 78 Resp: 808229
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

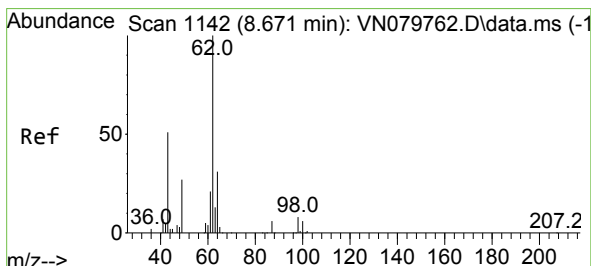
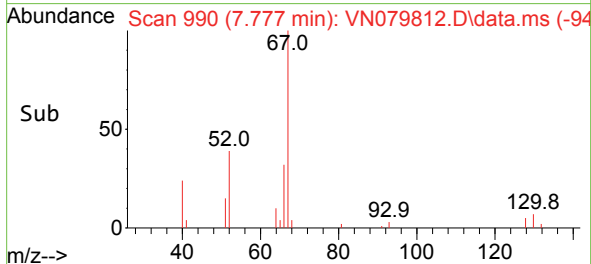
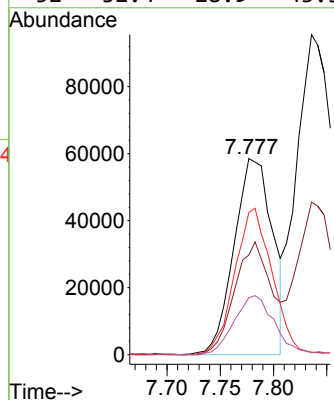
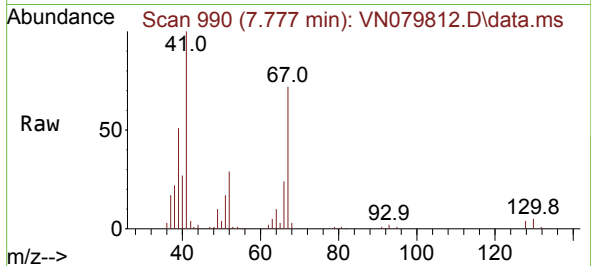




#41
Methacrylonitrile
Concen: 63.614 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

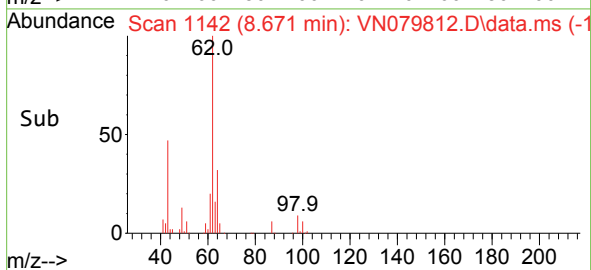
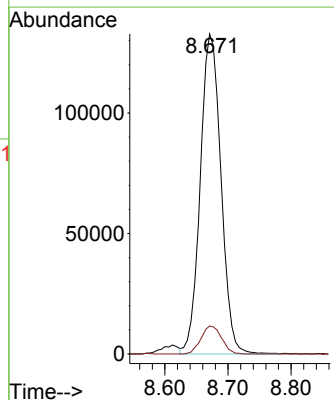
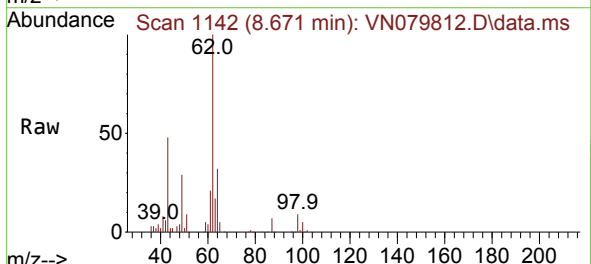
Instrument :
MSVOA_N
ClientSampleId :

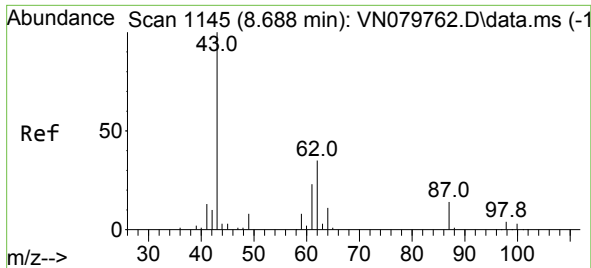
Tgt Ion: 41	Resp: 146731
Ion Ratio	Lower Upper
41 100	
39 54.4	42.6 64.0
67 73.3	77.5 116.3#
52 32.4	28.9 43.3



#42
1,2-Dichloroethane
Concen: 61.107 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 62	Resp: 302793
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 19.8

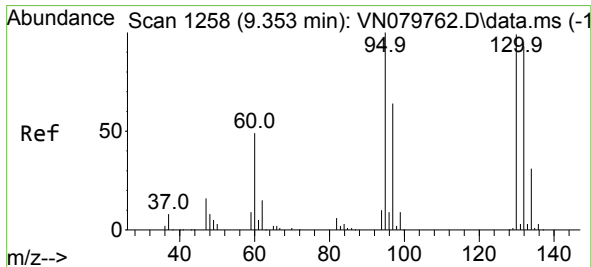
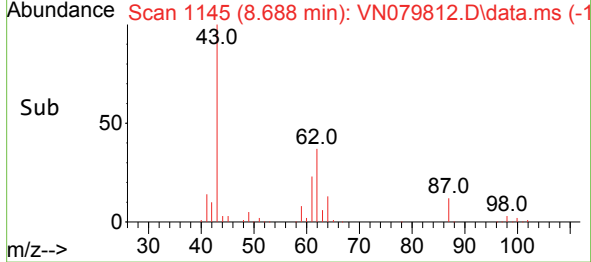
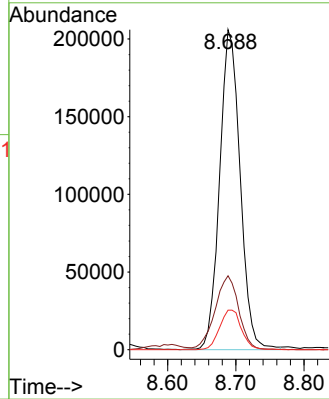
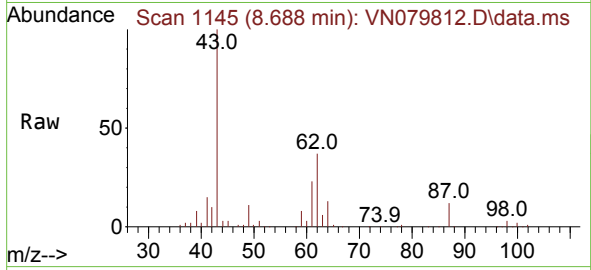




#43
Isopropyl Acetate
Concen: 56.708 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

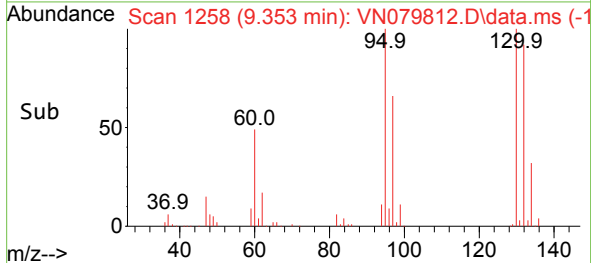
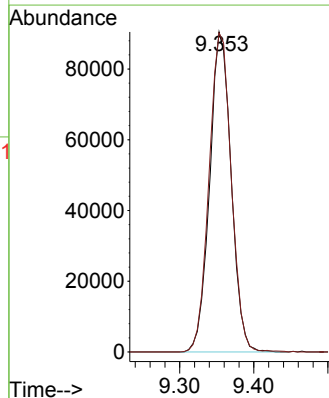
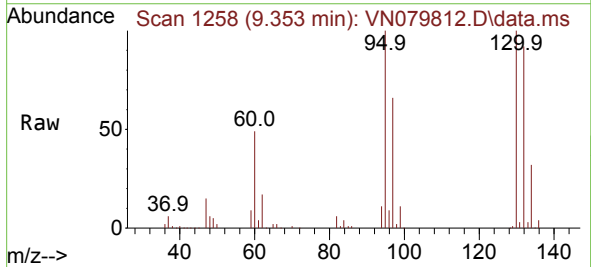
Instrument :
MSVOA_N
ClientSampleId :

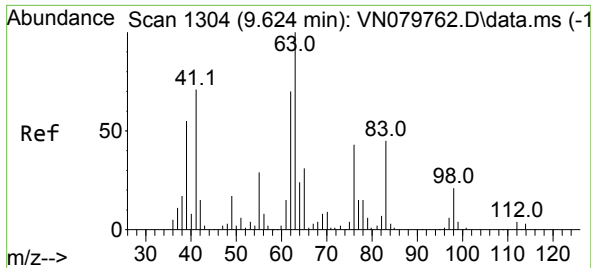
Tgt Ion: 43 Resp: 431972
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 13.1 14.6 21.8#



#44
Trichloroethene
Concen: 51.722 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion:130 Resp: 182066
Ion Ratio Lower Upper
130 100
95 99.7 0.0 204.6

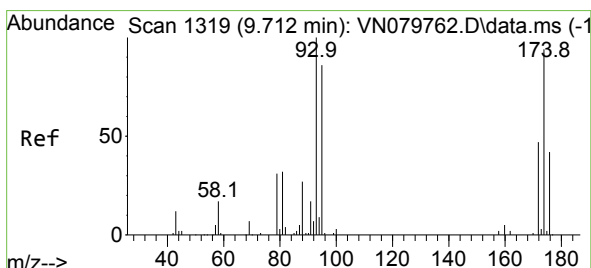
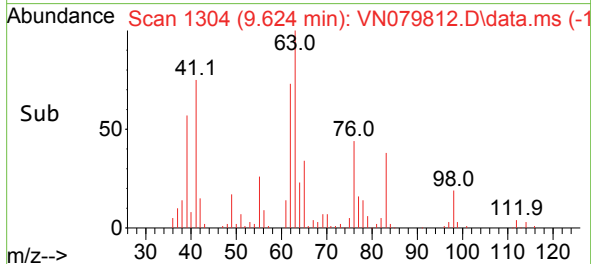
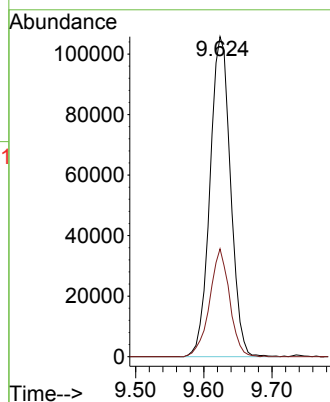
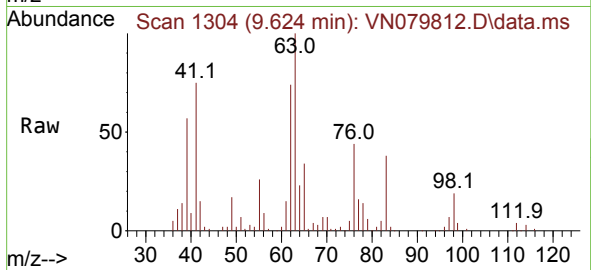




#45
1,2-Dichloropropane
Concen: 61.143 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

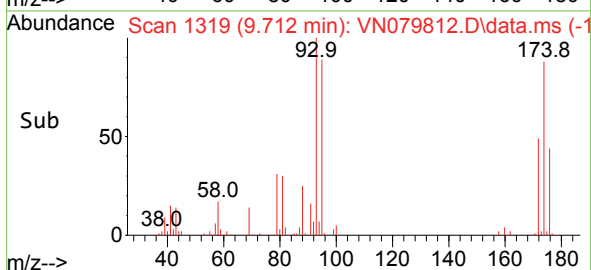
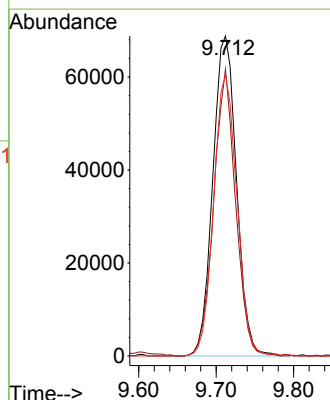
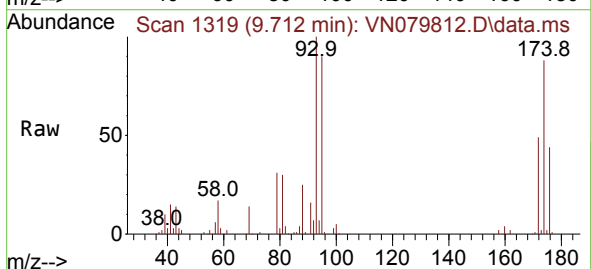
Instrument :
MSVOA_N
ClientSampleId :

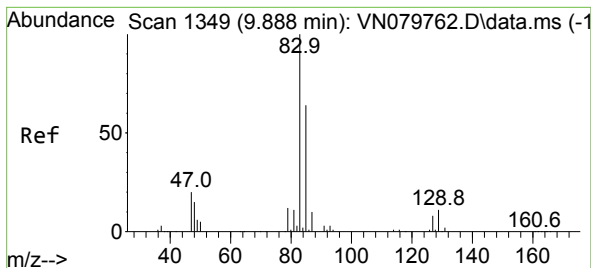
Tgt Ion: 63 Resp: 221657
Ion Ratio Lower Upper
63 100
65 33.7 23.9 35.9



#46
Dibromomethane
Concen: 58.992 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 93 Resp: 146026
Ion Ratio Lower Upper
93 100
95 82.8 63.8 95.8
174 86.7 65.6 98.4





#47

Bromodichloromethane

Concen: 57.208 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN079812.D

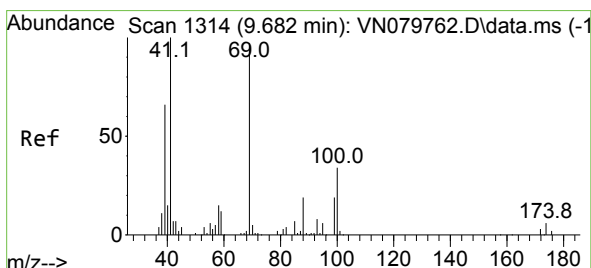
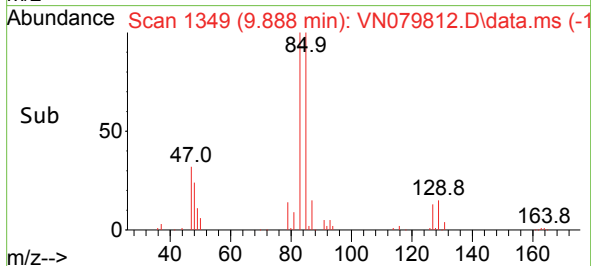
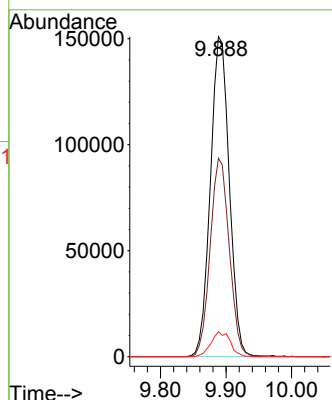
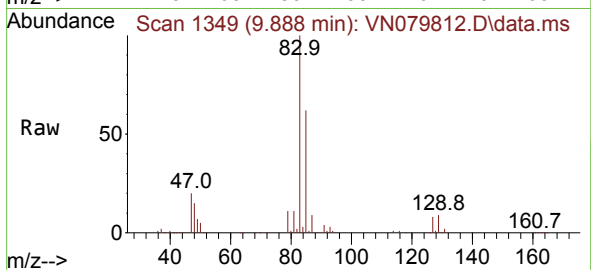
Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	302010
Ion	Ratio	Lower	Upper
83	100		
85	62.0	49.6	74.4
127	7.8	7.0	10.6



#48

Methyl methacrylate

Concen: 65.813 ug/l

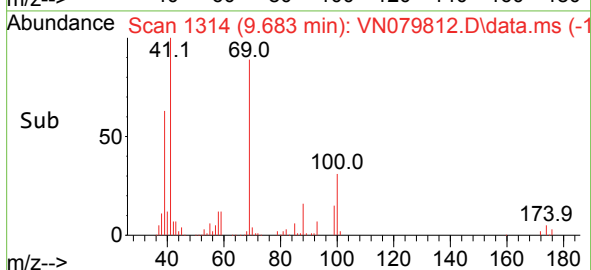
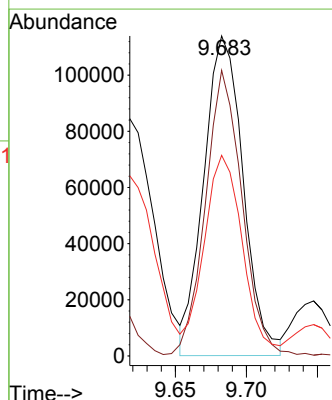
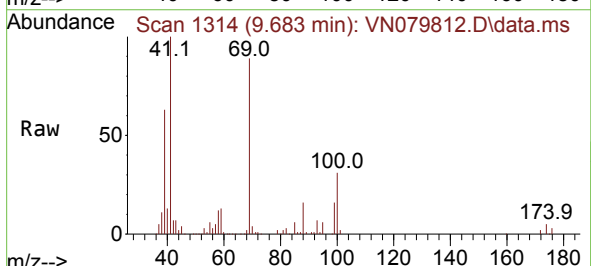
RT: 9.683 min Scan# 1314

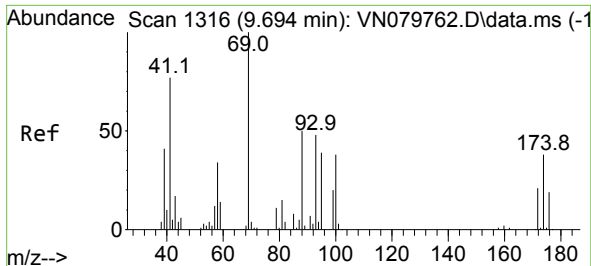
Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Tgt Ion:	41	Resp:	219588
Ion	Ratio	Lower	Upper
41	100		
69	83.8	90.4	135.6#
39	61.5	54.6	81.8





#49

1,4-Dioxane

Concen: 1163.699 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

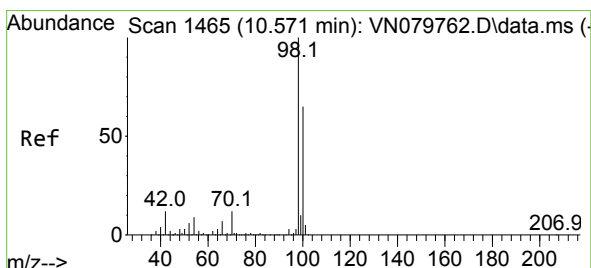
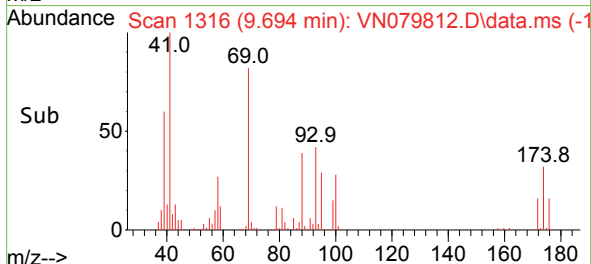
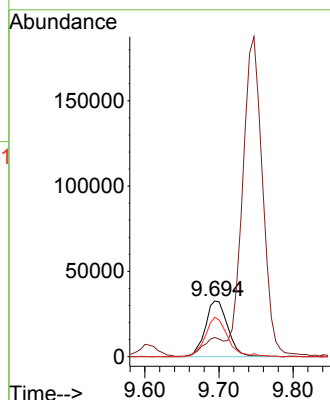
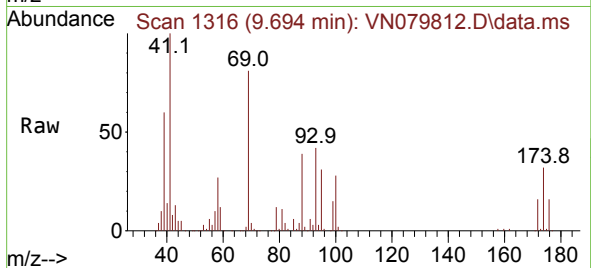
Tgt Ion: 88 Resp: 68608

Ion Ratio Lower Upper

88 100

43 29.9 17.0 25.6#

58 71.3 47.0 70.4#



#50

Toluene-d8

Concen: 54.442 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079812.D

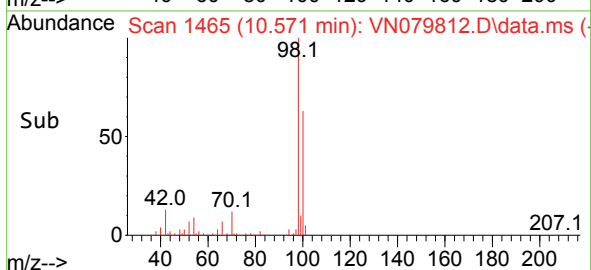
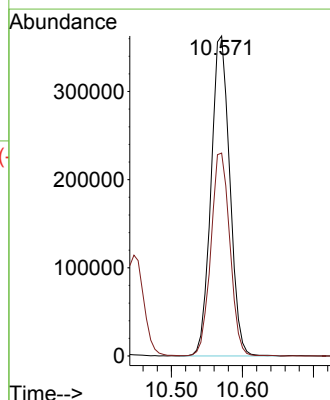
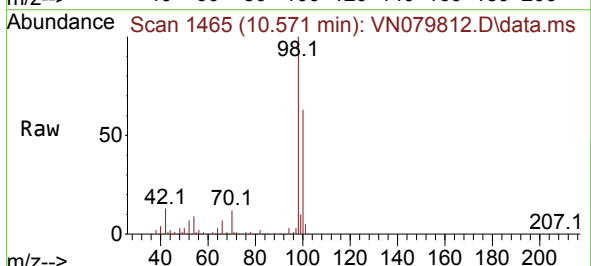
Acq: 02 Nov 2023 21:08

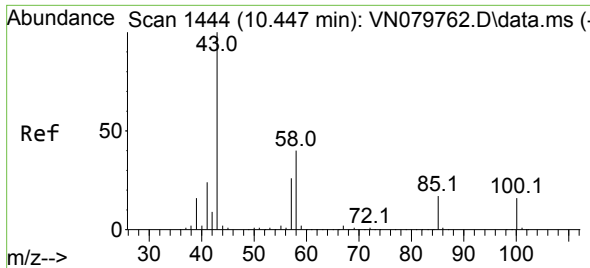
Tgt Ion: 98 Resp: 664813

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

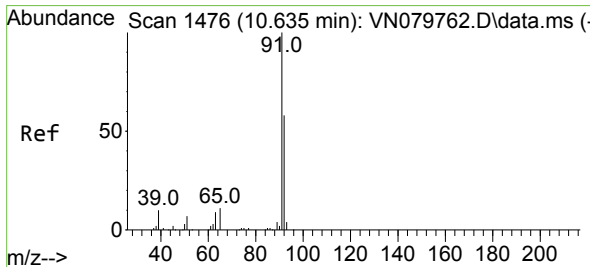
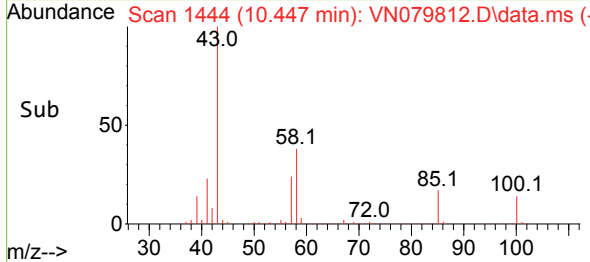
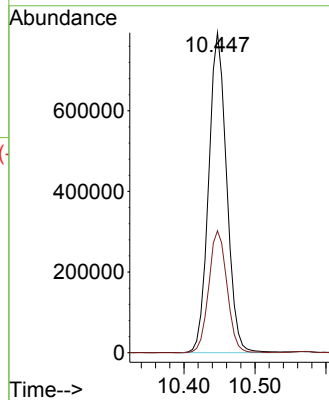
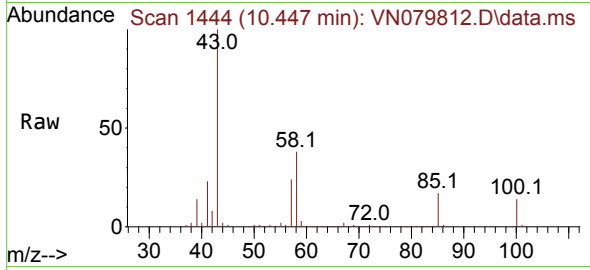




#51
4-Methyl-2-Pentanone
Concen: 325.644 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

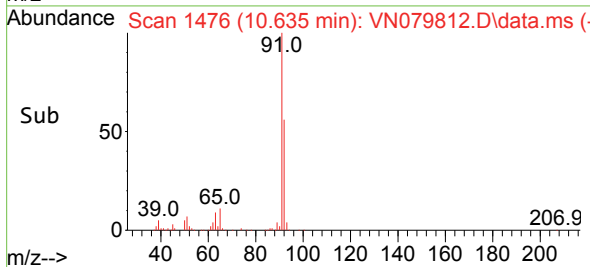
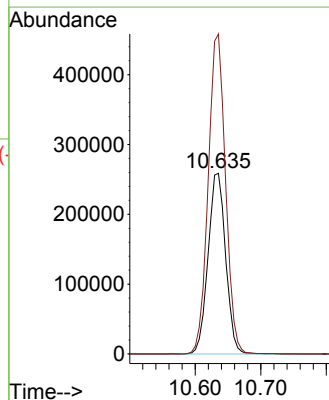
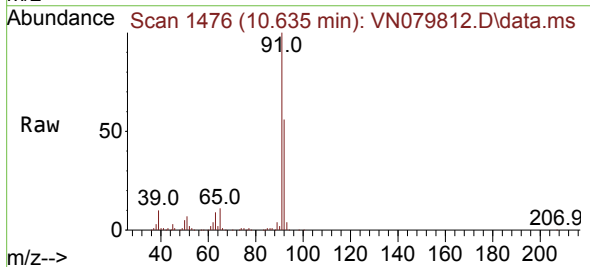
Instrument :
MSVOA_N
ClientSampleId :

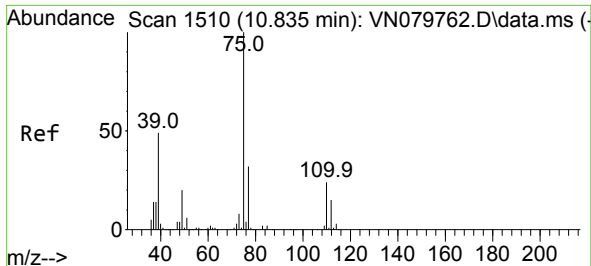
Tgt Ion: 43 Resp: 1396556
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8



#52
Toluene
Concen: 57.233 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 92 Resp: 481322
Ion Ratio Lower Upper
92 100
91 175.1 137.4 206.0

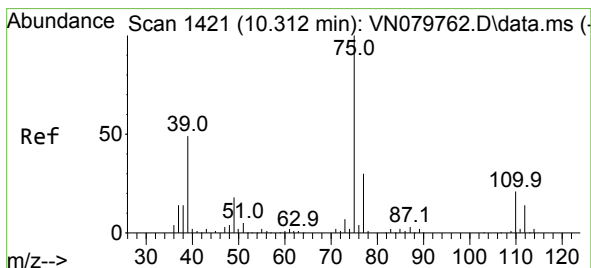
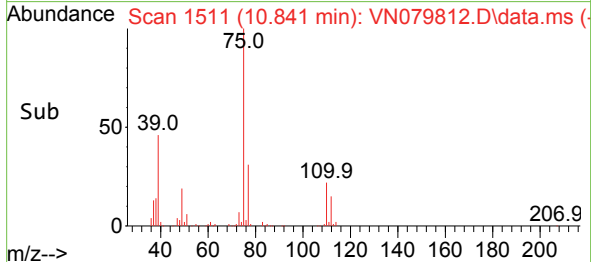
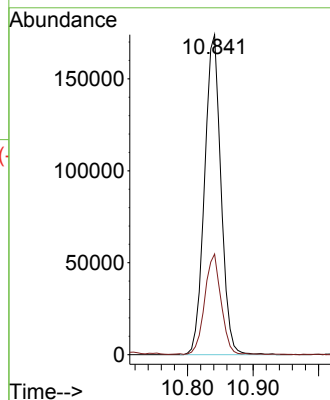
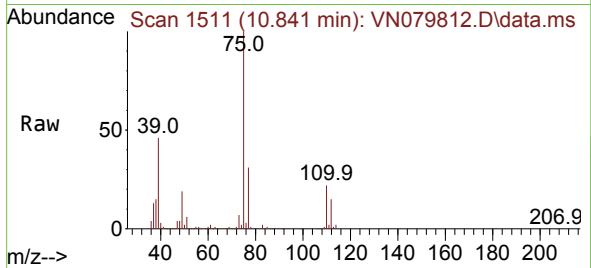




#53
 t-1,3-Dichloropropene
 Concen: 58.562 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

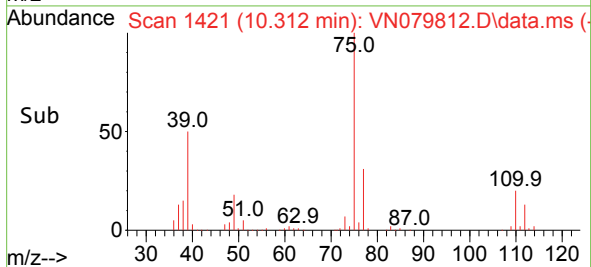
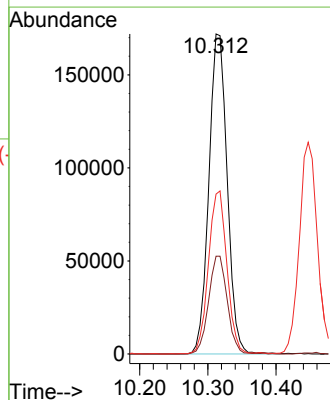
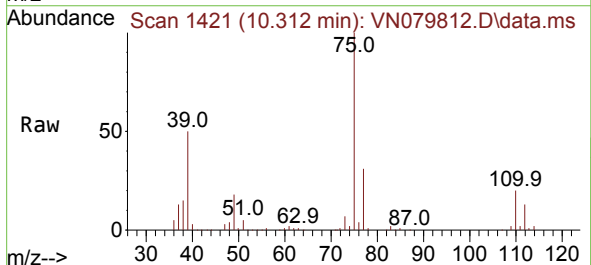
Instrument :
 MSVOA_N
 ClientSampleId :

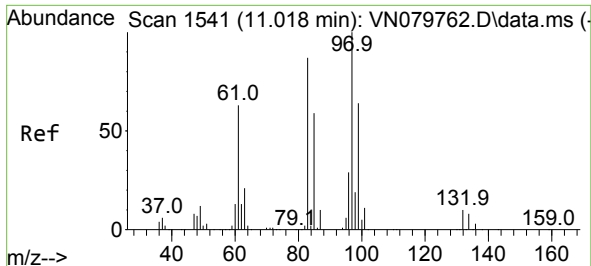
Tgt Ion: 75 Resp: 303074
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.039 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

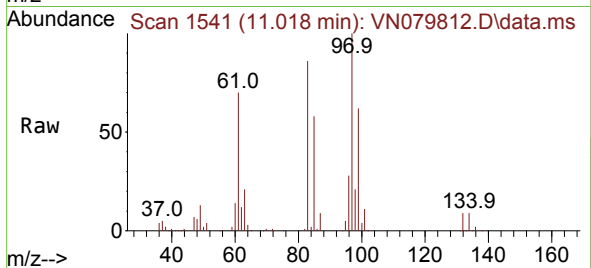
Tgt Ion: 75 Resp: 321753
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.1 39.1
 39 49.8 31.6 47.4#





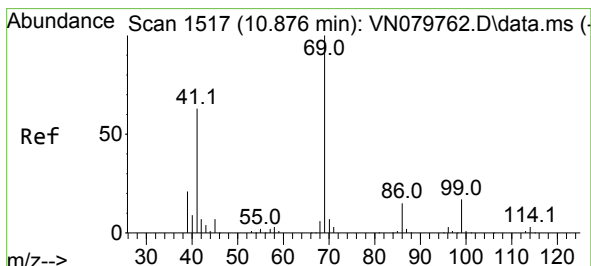
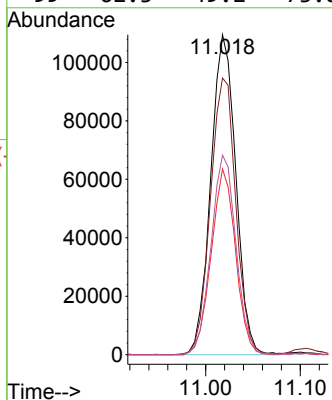
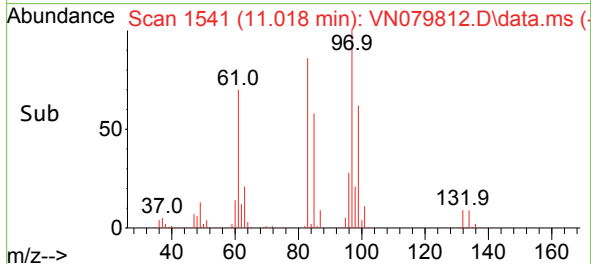
#55
1,1,2-Trichloroethane
Concen: 59.434 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Instrument :
MSVOA_N
ClientSampleId :

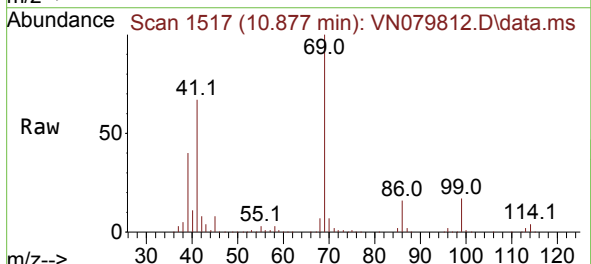


Tgt Ion: 97 Resp: 201040

Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.1	97.7
85	58.0	43.4	65.2
99	62.3	49.2	73.8

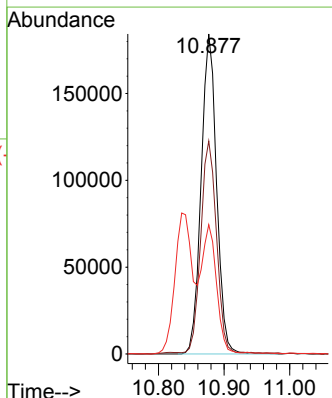
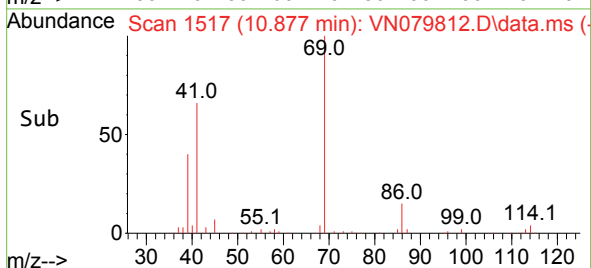


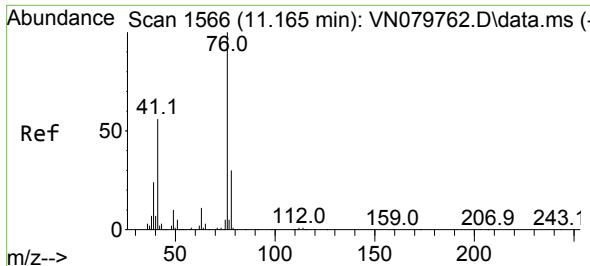
#56
Ethyl methacrylate
Concen: 62.732 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08



Tgt Ion: 69 Resp: 302679

Ion	Ratio	Lower	Upper
69	100		
41	68.0	39.6	59.4
39	37.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 61.183 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

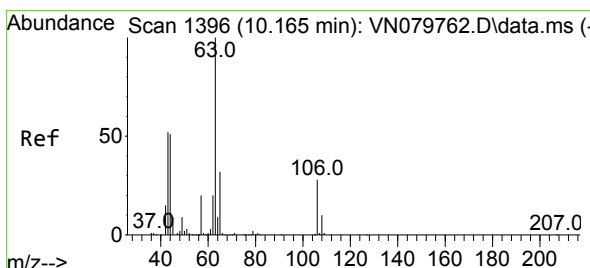
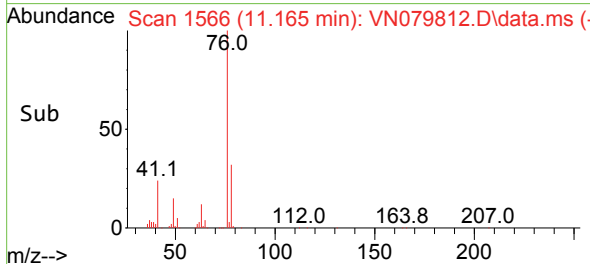
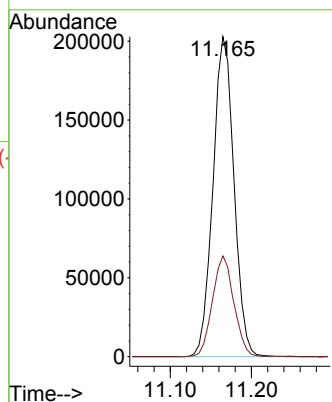
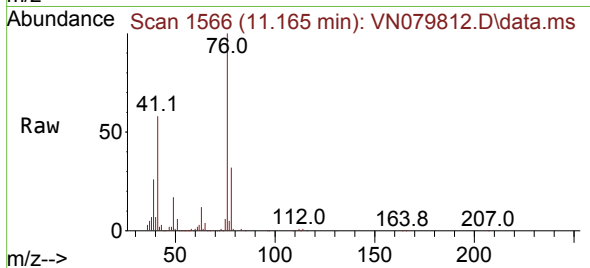
ClientSampleId :

Tgt Ion: 76 Resp: 364797

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.652 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.147 min

Lab File: VN079812.D

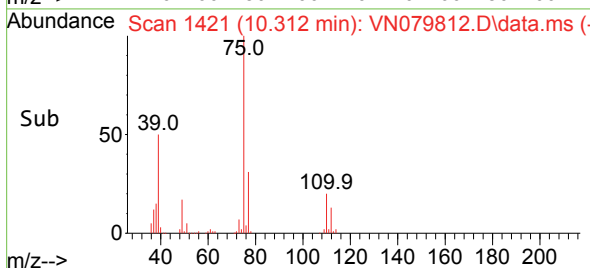
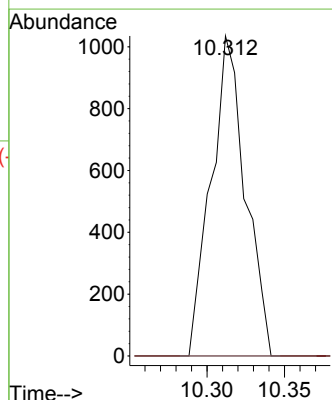
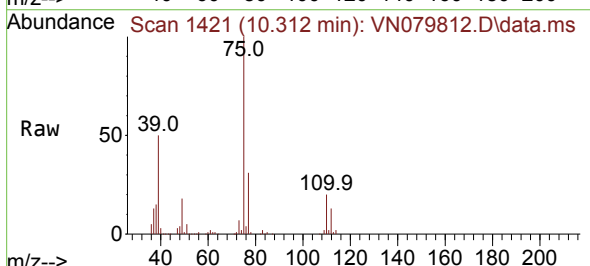
Acq: 02 Nov 2023 21:08

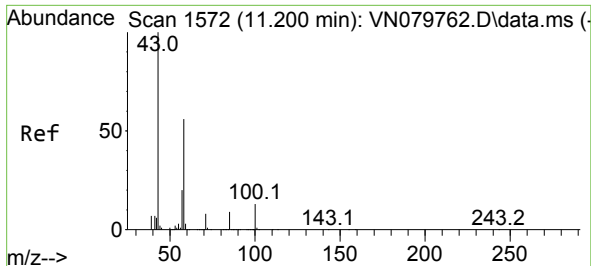
Tgt Ion: 63 Resp: 1594

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#

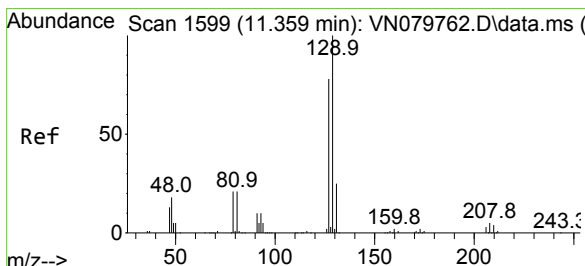
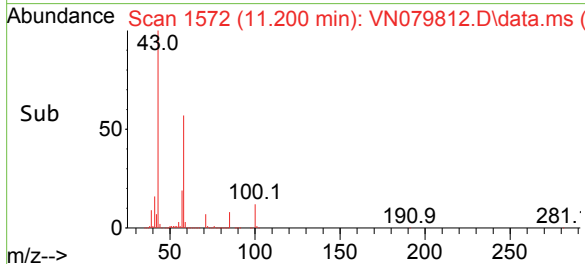
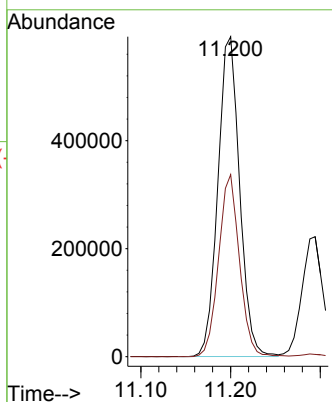
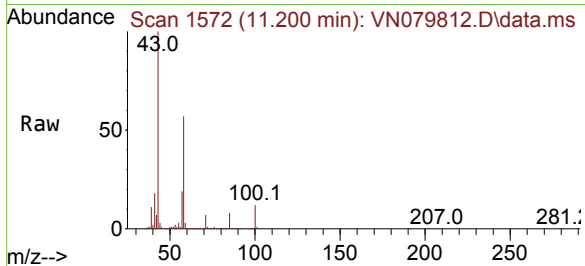




#59
2-Hexanone
Concen: 303.625 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

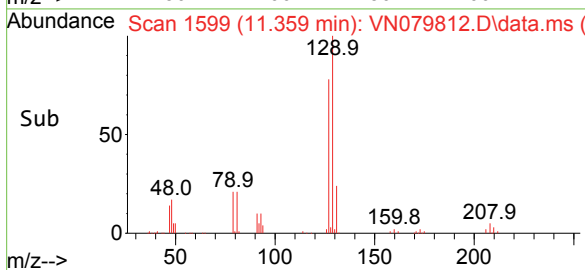
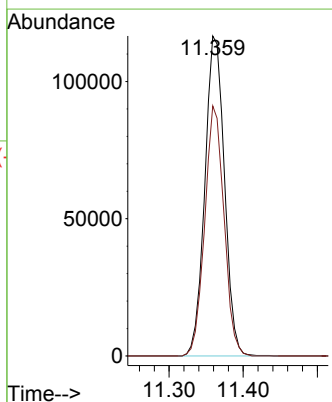
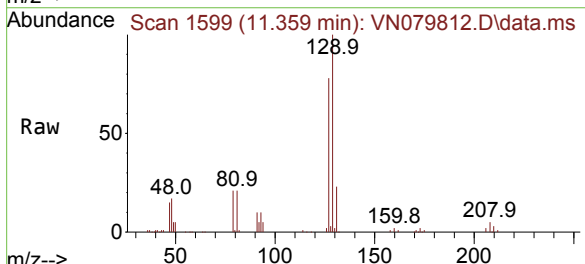
Instrument :
MSVOA_N
ClientSampleId :

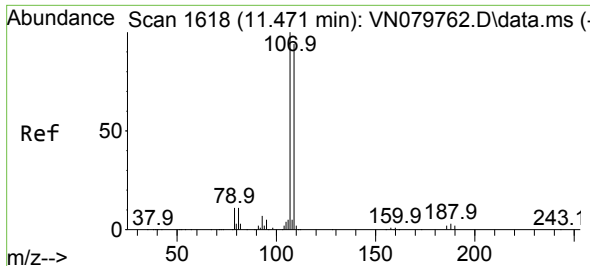
Tgt Ion: 43 Resp: 996124
Ion Ratio Lower Upper
43 100
58 54.7 31.7 95.1



#60
Dibromochloromethane
Concen: 59.078 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 129 Resp: 213908
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

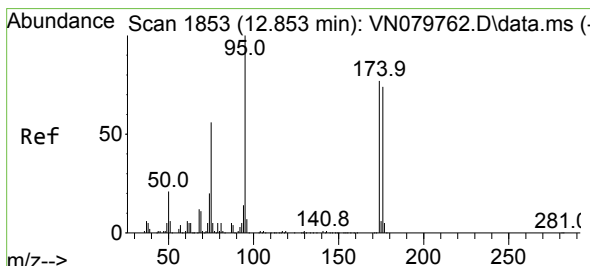
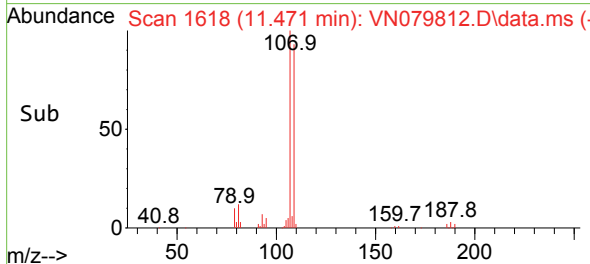
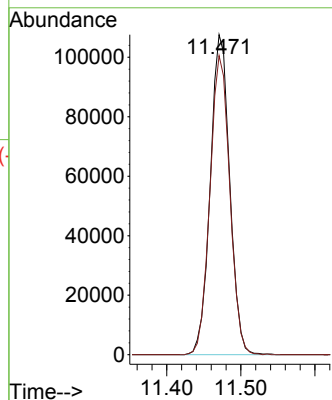
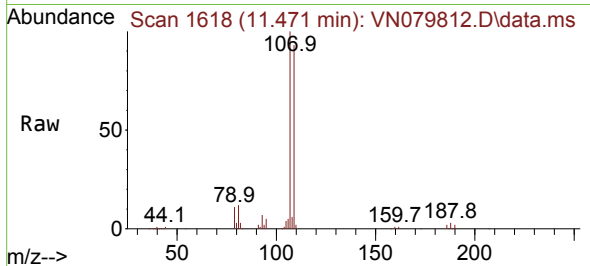




#61
1,2-Dibromoethane
Concen: 57.651 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

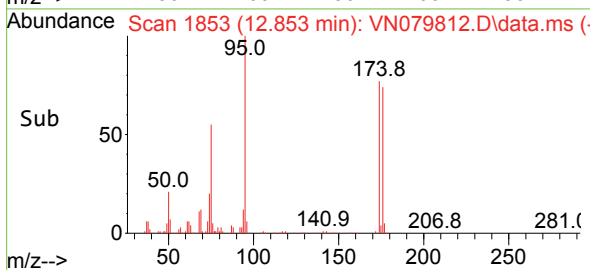
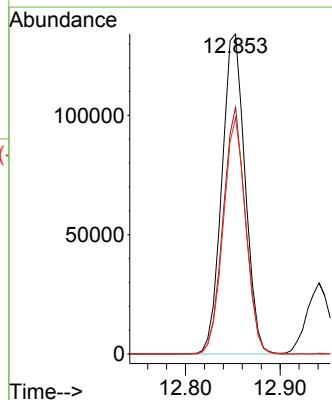
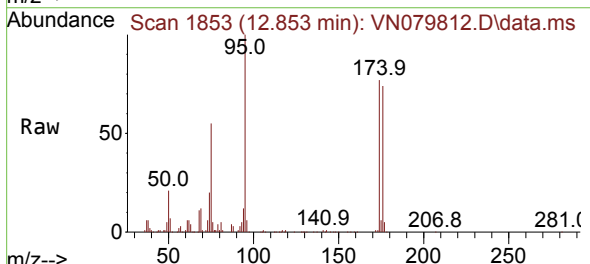
Instrument :
MSVOA_N
ClientSampleId :

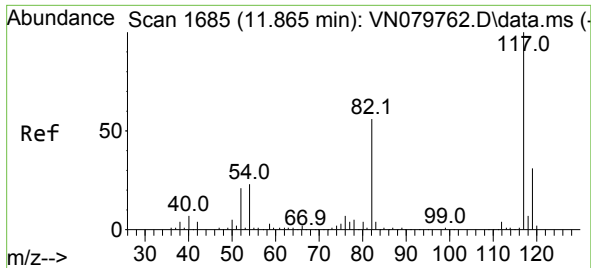
Tgt Ion:107 Resp: 195731
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 56.411 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 95 Resp: 228458
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 72.0 0.0 135.8

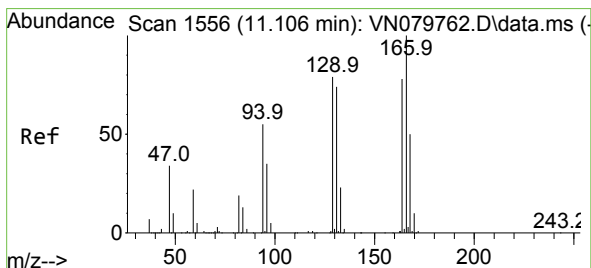
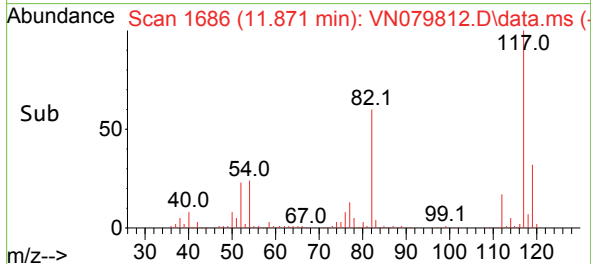
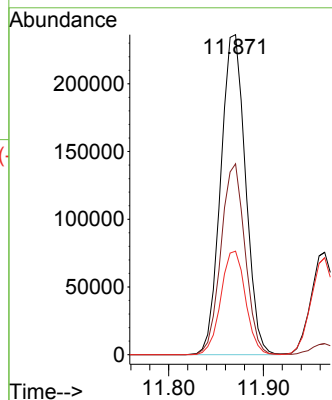
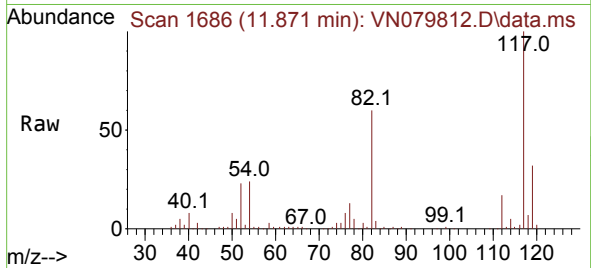




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

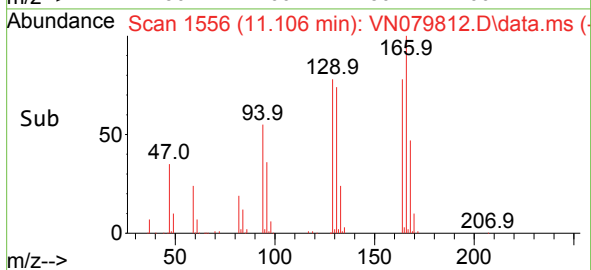
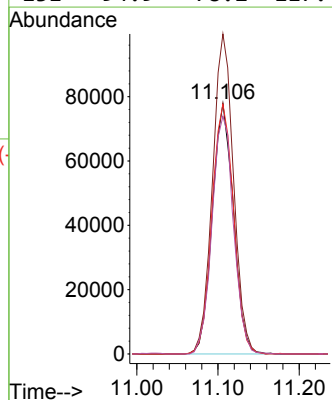
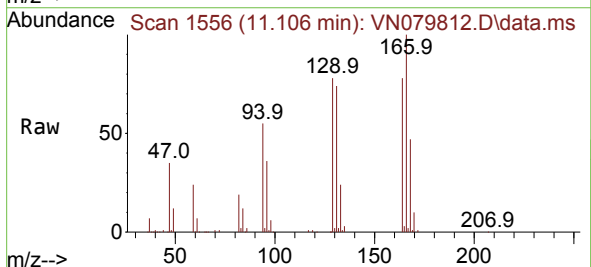
Instrument :
MSVOA_N
ClientSampleId :

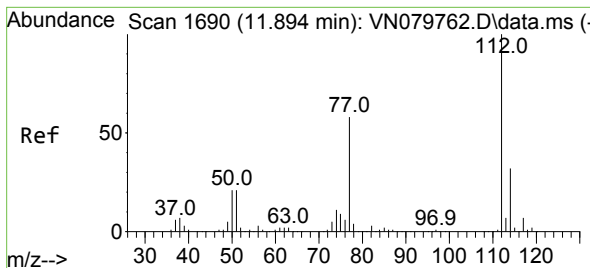
Tgt Ion:117 Resp: 430312
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 50.684 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion:164 Resp: 141252
Ion Ratio Lower Upper
164 100
166 127.8 101.4 152.0
129 99.8 82.4 123.6
131 94.9 78.2 117.4

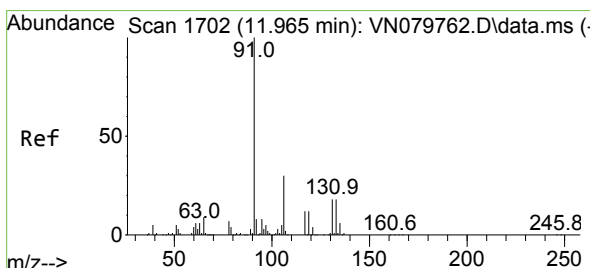
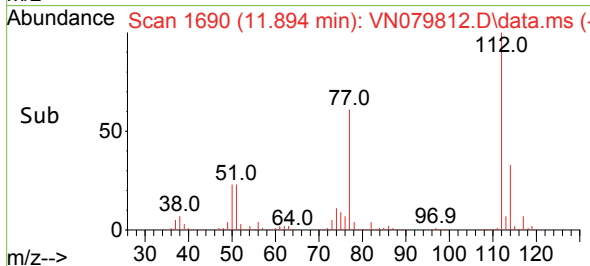
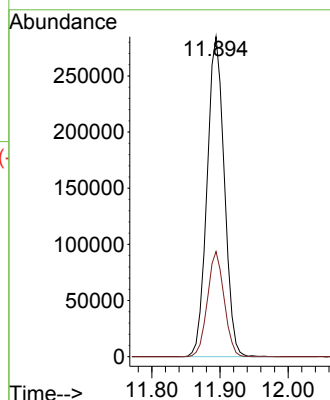
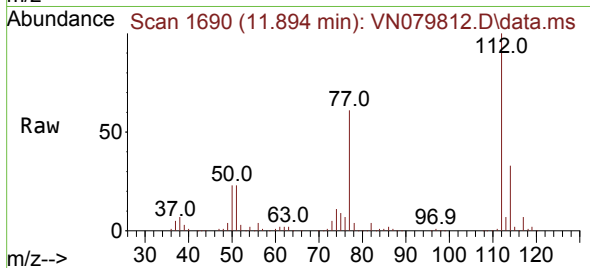




#65
Chlorobenzene
Concen: 53.758 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

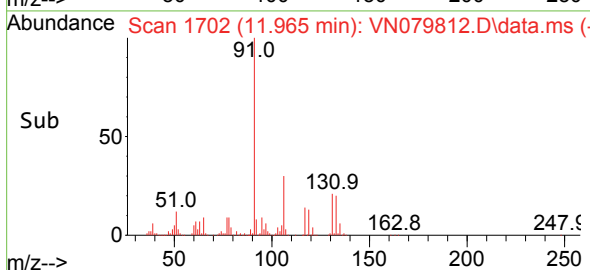
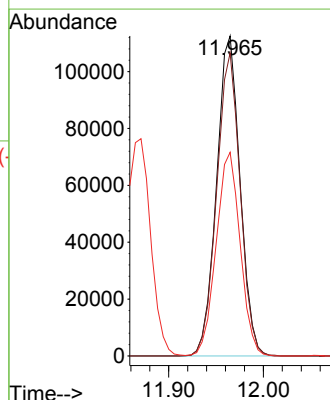
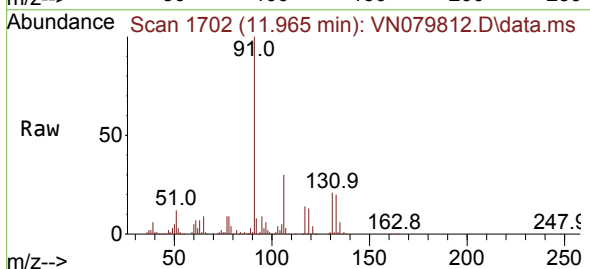
Instrument :
MSVOA_N
ClientSampleId :

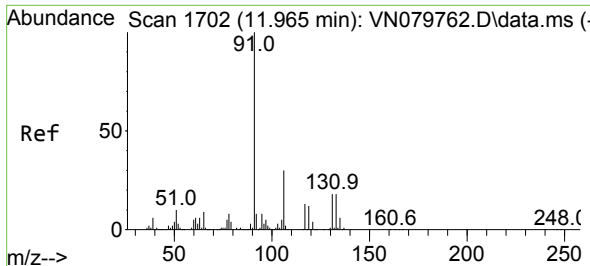
Tgt Ion:112 Resp: 501790
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.682 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion:131 Resp: 193987
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 65.1 34.1 102.2

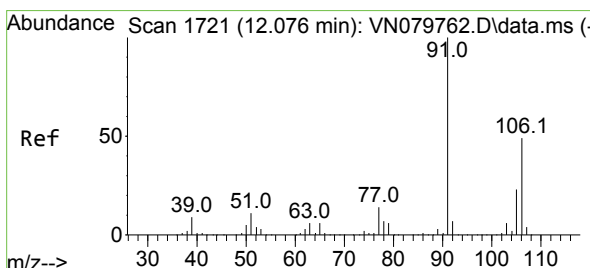
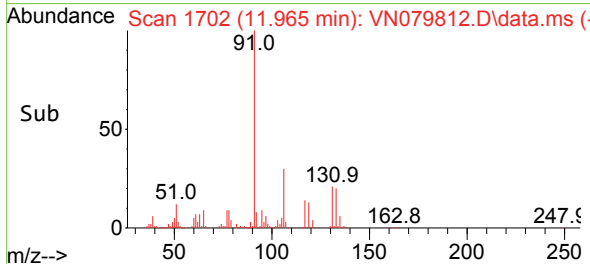
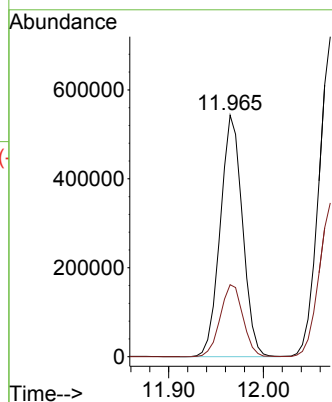
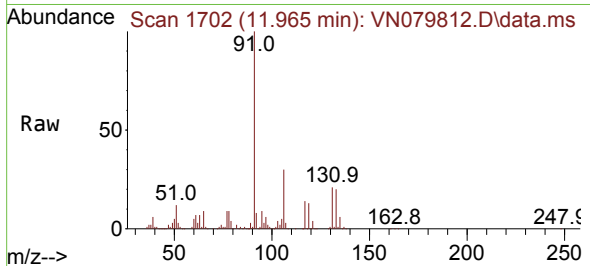




#67
Ethyl Benzene
Concen: 54.525 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

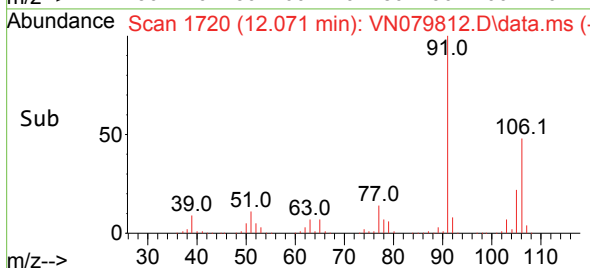
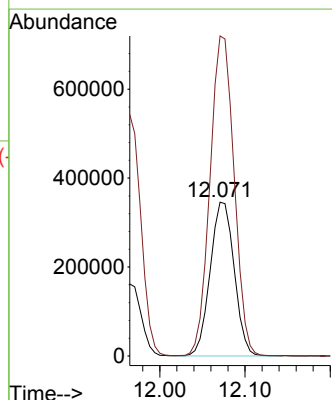
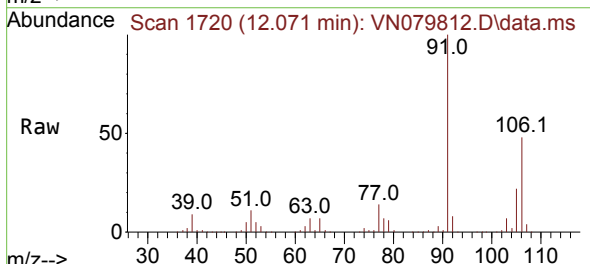
Instrument :
MSVOA_N
ClientSampleId :

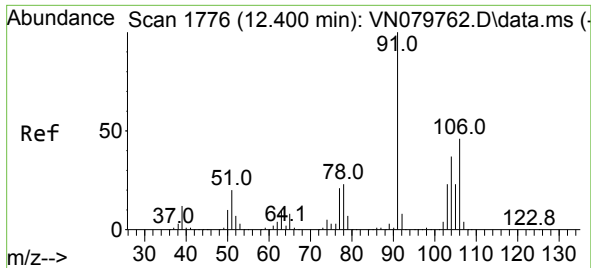
Tgt Ion: 91 Resp: 886719
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4



#68
m/p-Xylenes
Concen: 111.771 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion:106 Resp: 677125
Ion Ratio Lower Upper
106 100
91 208.5 159.6 239.4

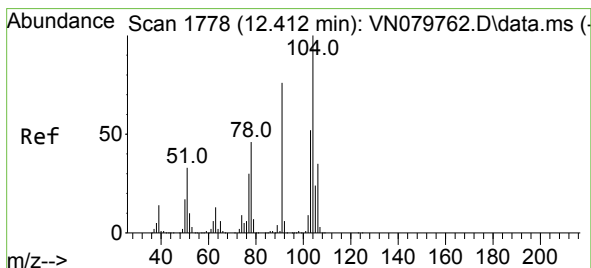
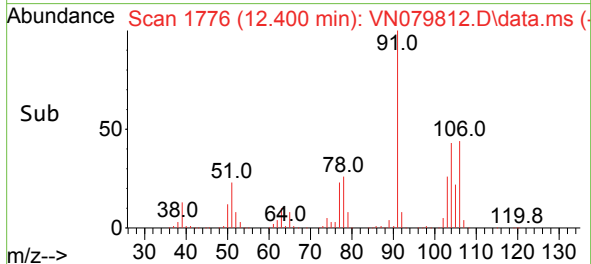
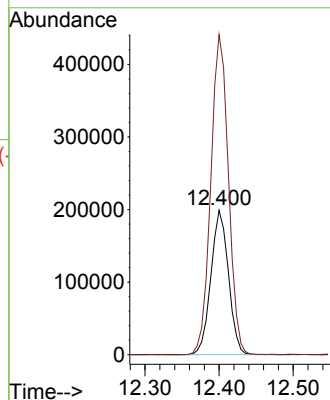
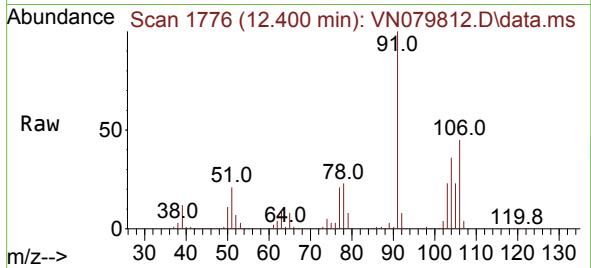




#69
o-Xylene
Concen: 56.033 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

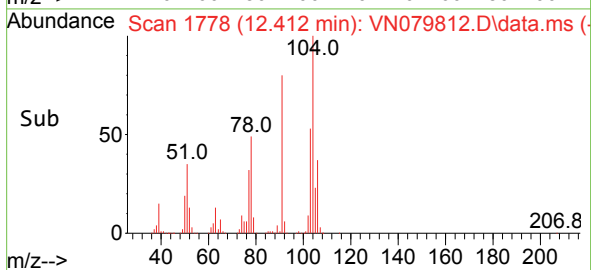
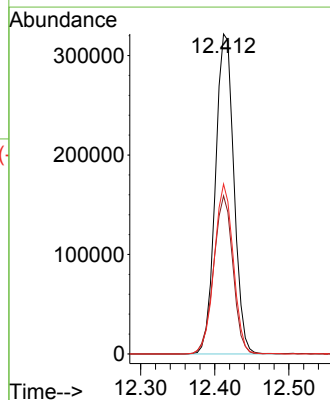
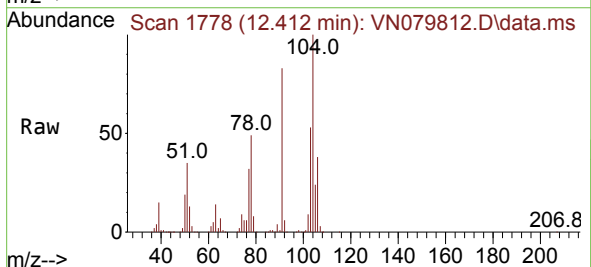
Instrument :
MSVOA_N
ClientSampleId :

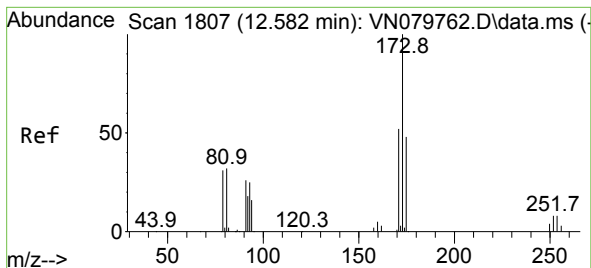
Tgt Ion:106 Resp: 326878
Ion Ratio Lower Upper
106 100
91 223.2 105.2 315.5



#70
Styrene
Concen: 59.498 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion:104 Resp: 557805
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 54.7 43.2 64.8





#71

Bromoform

Concen: 60.042 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

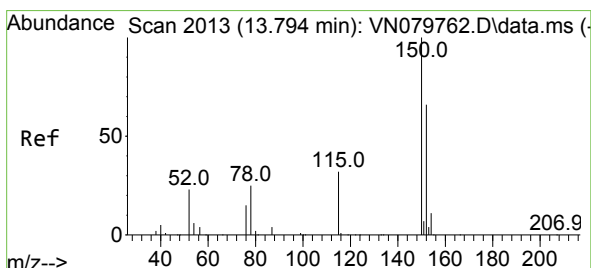
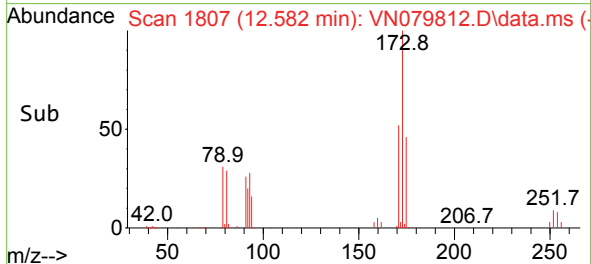
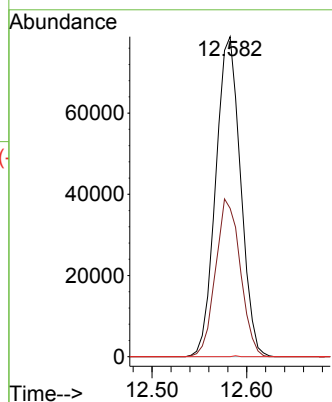
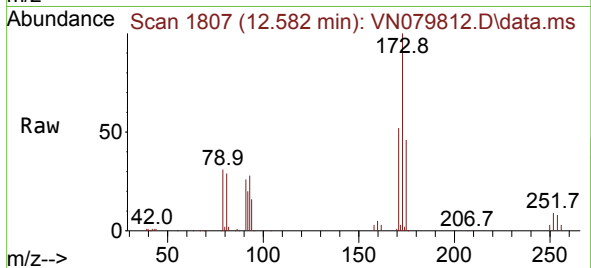
Tgt Ion:173 Resp: 143384

Ion Ratio Lower Upper

173 100

175 49.2 24.3 73.0

254 0.1 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: VN079812.D

Acq: 02 Nov 2023 21:08

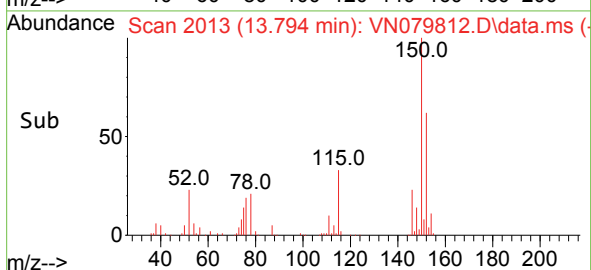
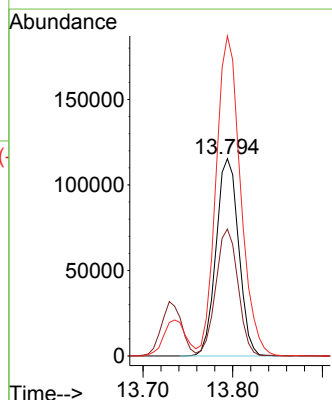
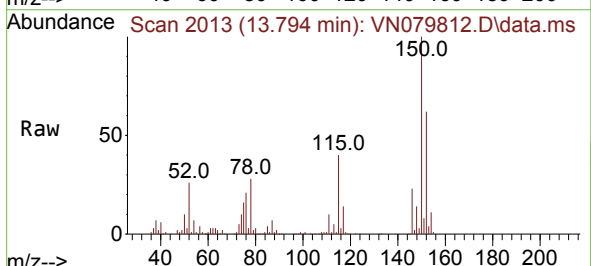
Tgt Ion:152 Resp: 201196

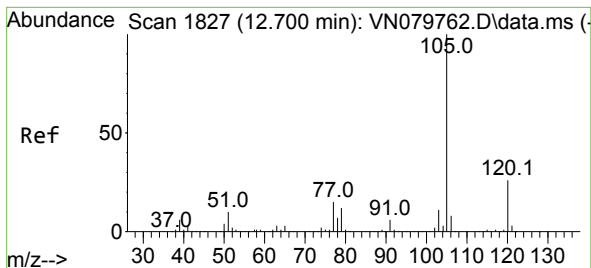
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 176.2 0.0 355.8





#73

Isopropylbenzene

Concen: 52.818 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

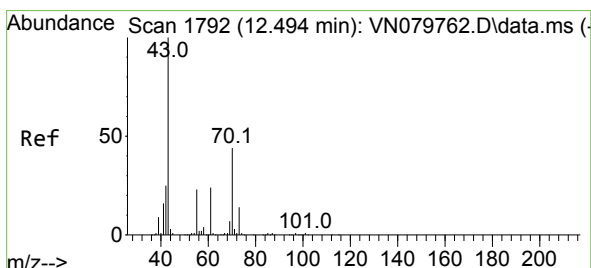
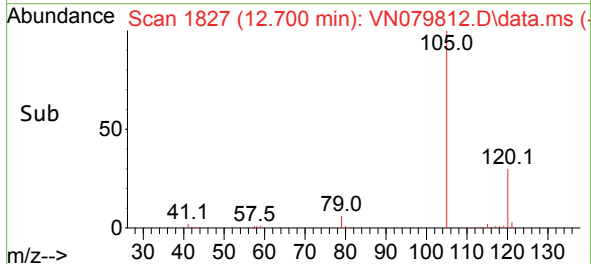
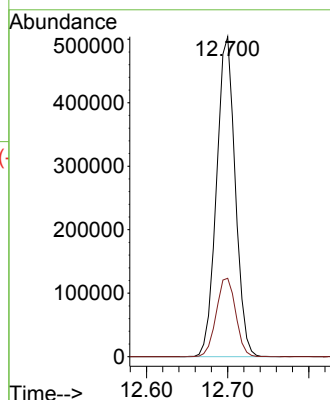
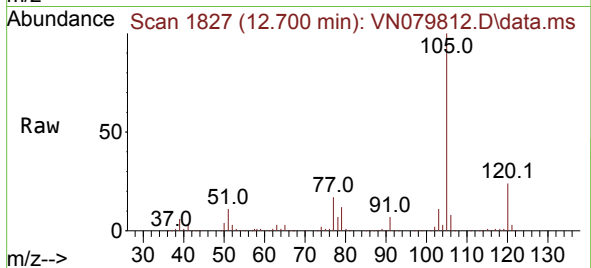
ClientSampleId :

Tgt Ion:105 Resp: 806499

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 55.548 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Tgt Ion: 43 Resp: 370228

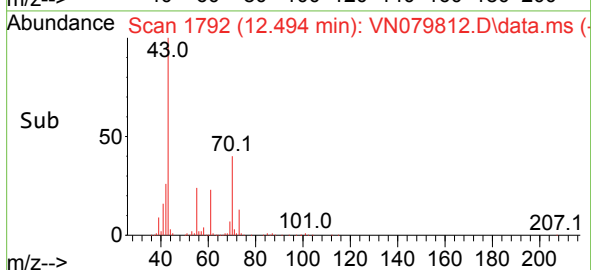
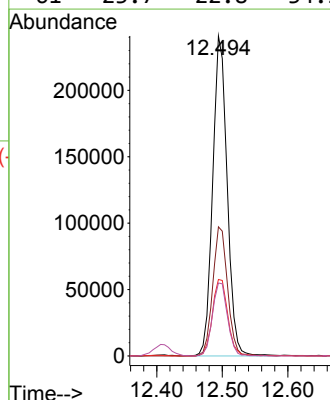
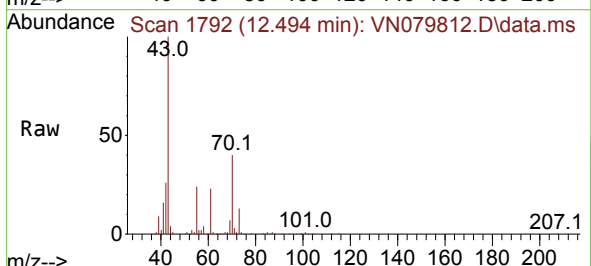
Ion Ratio Lower Upper

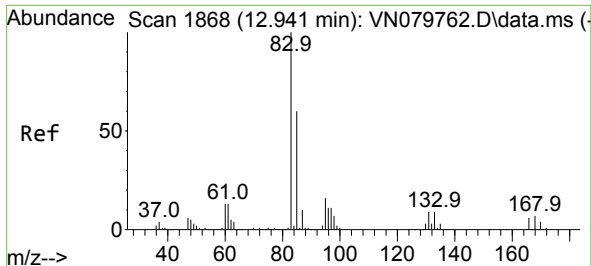
43 100

70 41.4 43.4 65.2#

55 25.5 21.4 32.0

61 23.7 22.8 34.2

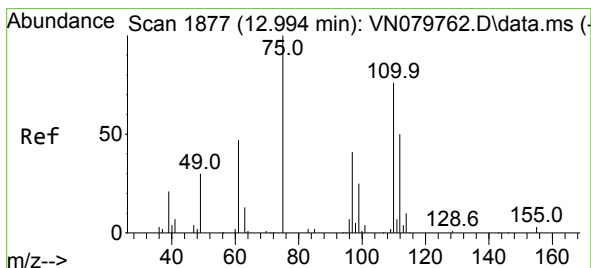
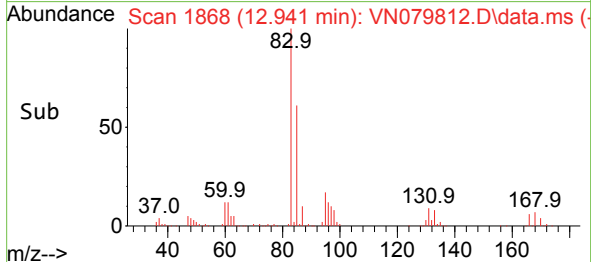
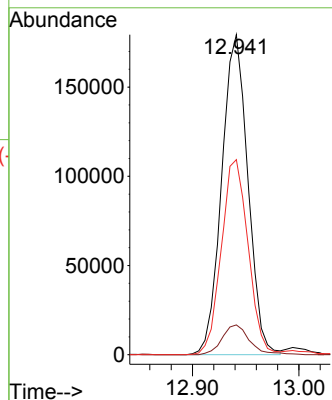
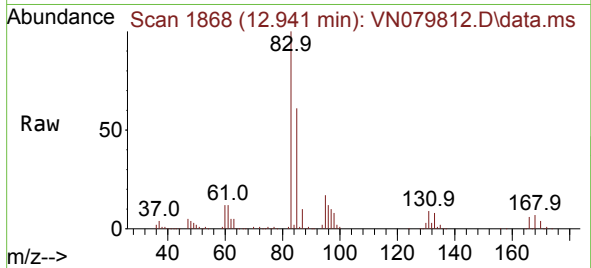




#75
1,1,2,2-Tetrachloroethane
Concen: 56.524 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

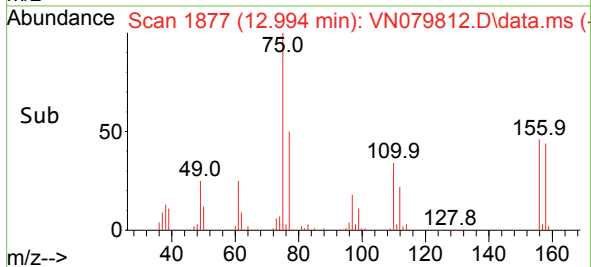
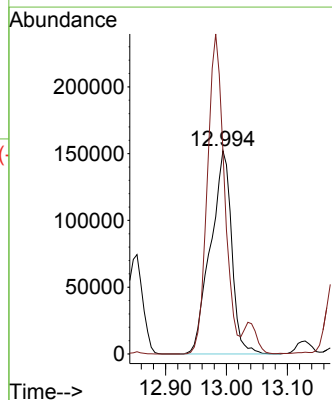
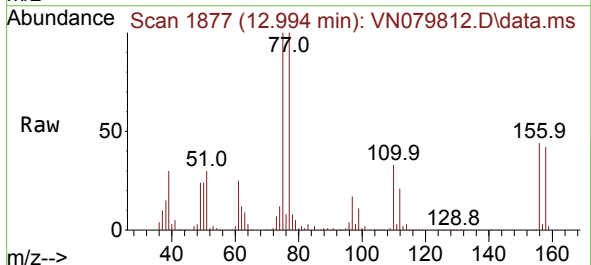
Instrument :
MSVOA_N
ClientSampleId :

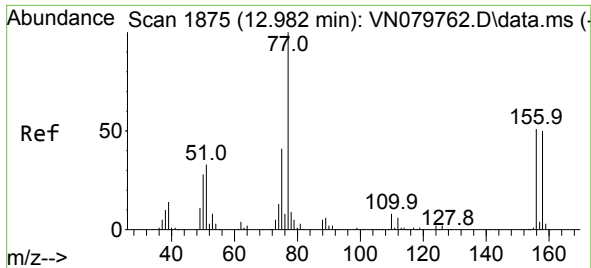
Tgt Ion: 83 Resp: 306015
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 62.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 77.468 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 75 Resp: 365921
Ion Ratio Lower Upper
75 100
77 127.8 84.5 253.5

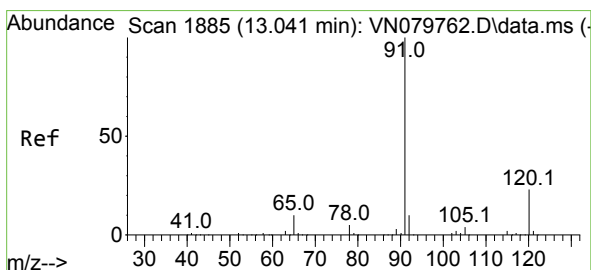
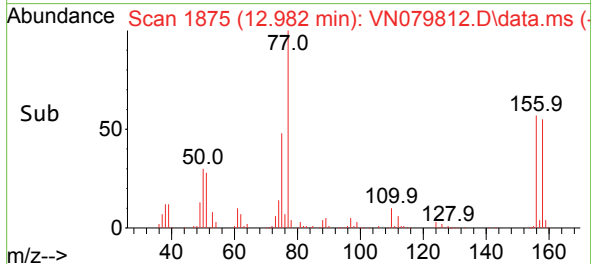
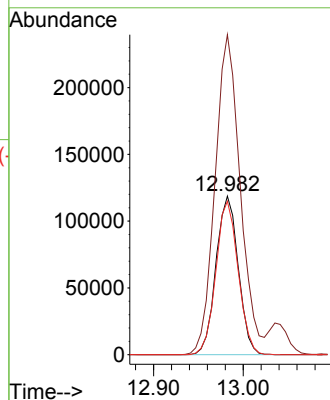
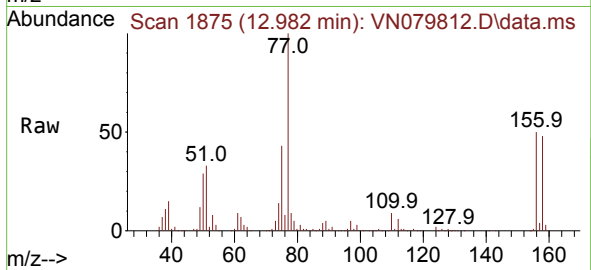




#77
Bromobenzene
Concen: 54.686 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

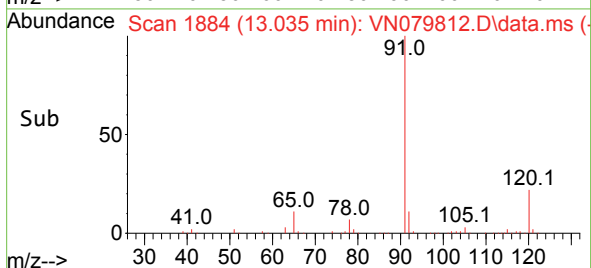
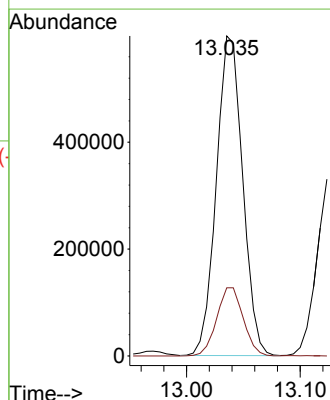
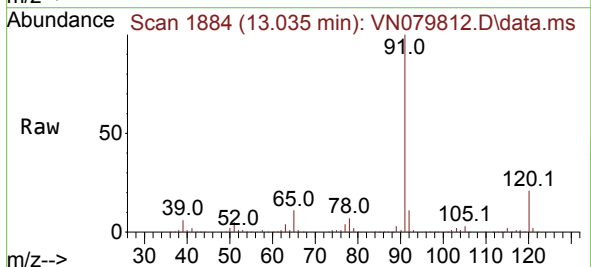
Instrument :
MSVOA_N
ClientSampleId :

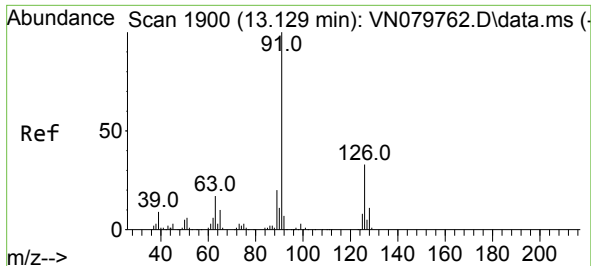
Tgt Ion:156 Resp: 204439
Ion Ratio Lower Upper
156 100
77 228.8 107.7 323.3
158 96.8 48.4 145.3



#78
n-propylbenzene
Concen: 55.109 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 91 Resp: 963630
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4

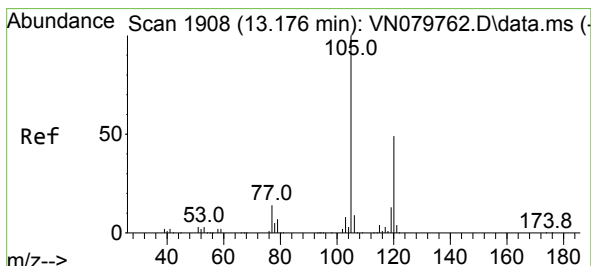
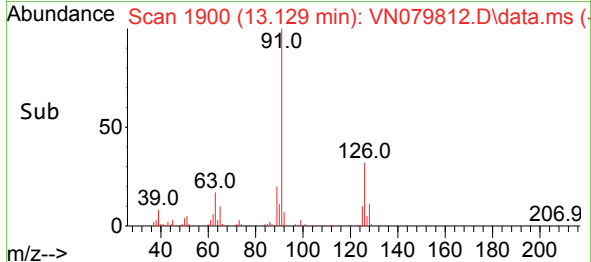
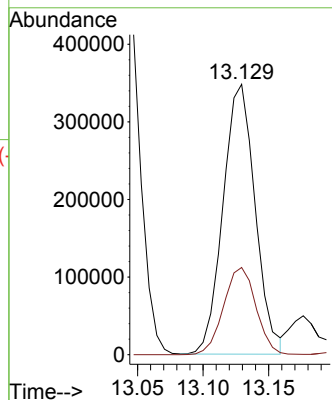
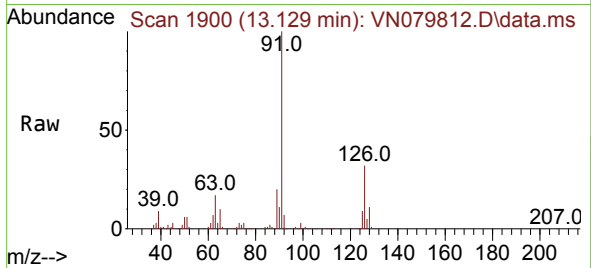




#79
2-Chlorotoluene
Concen: 53.172 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

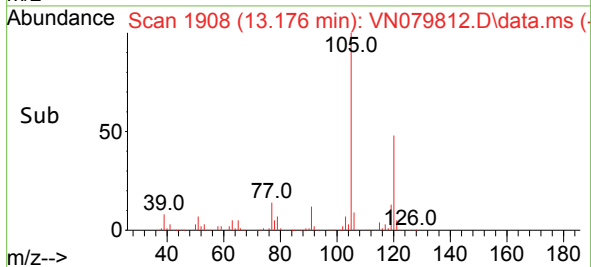
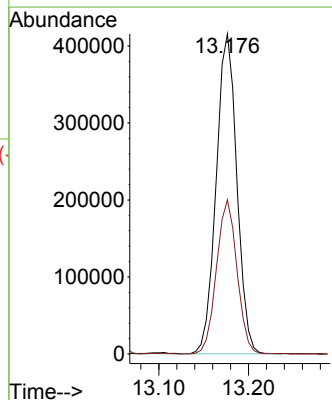
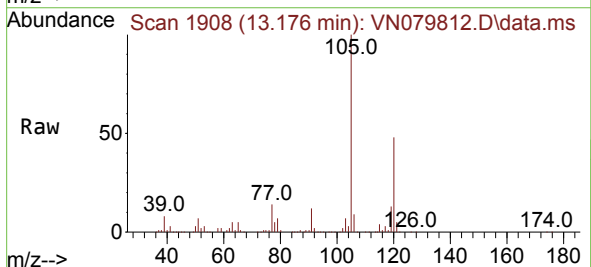
Instrument :
MSVOA_N
ClientSampleId :

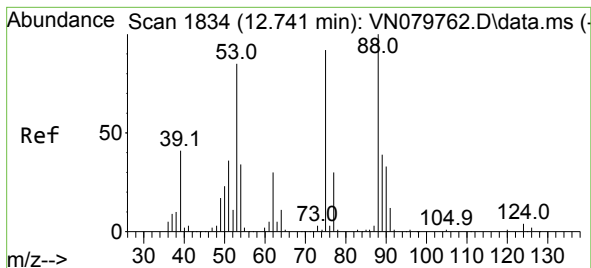
Tgt Ion: 91 Resp: 593957
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 55.859 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 105 Resp: 663617
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

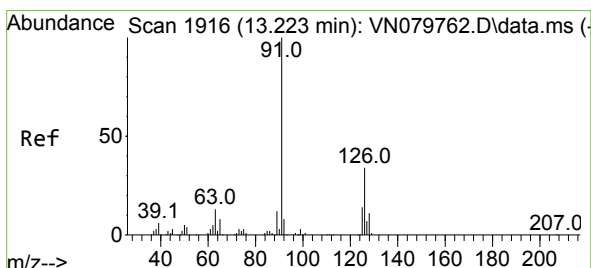
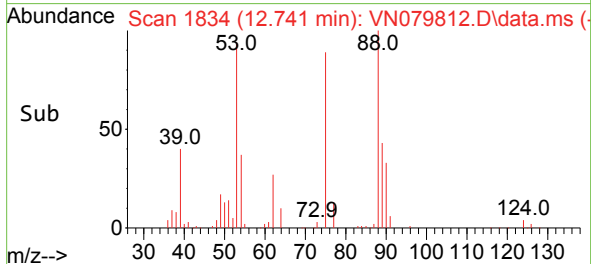
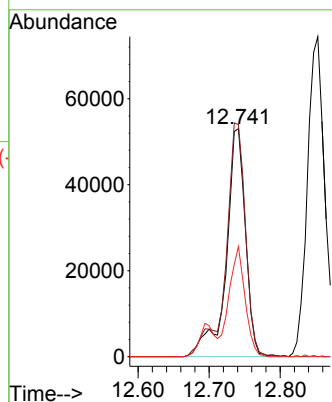
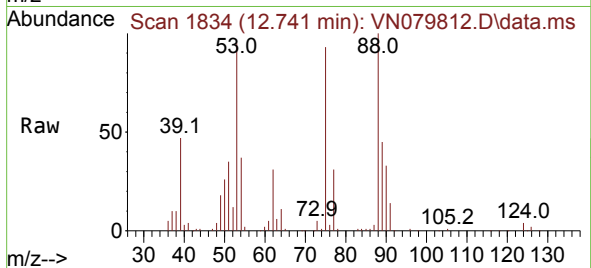




#81
trans-1,4-Dichloro-2-butene
Concen: 57.310 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

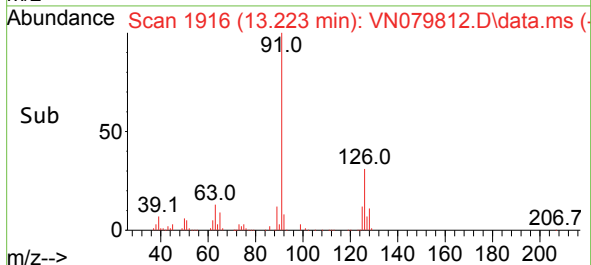
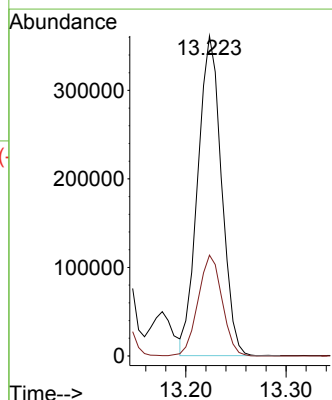
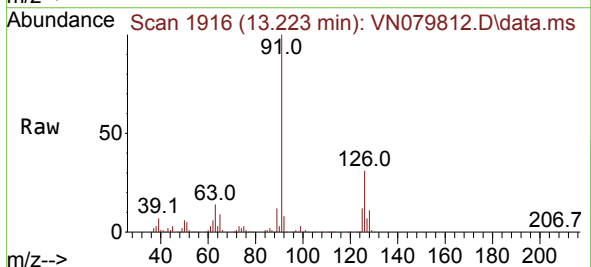
Instrument :
MSVOA_N
ClientSampleId :

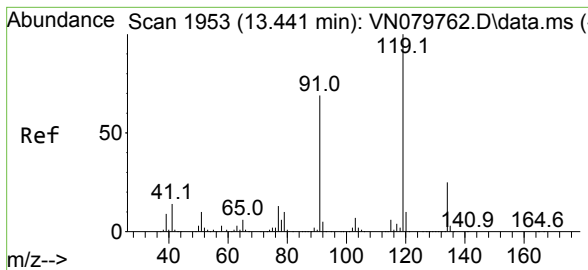
Tgt Ion: 75 Resp: 99495
Ion Ratio Lower Upper
75 100
53 105.6 67.4 101.2#
89 40.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 53.535 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion: 91 Resp: 594252
Ion Ratio Lower Upper
91 100
126 31.9 16.7 50.0

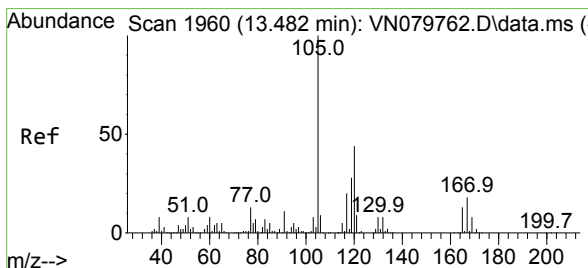
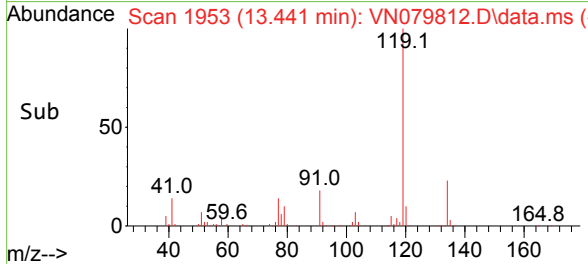
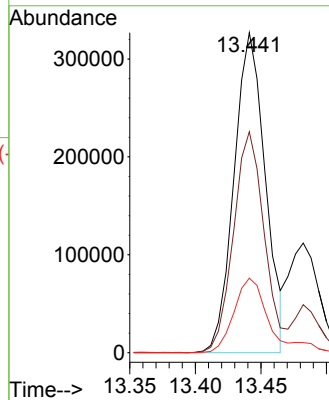
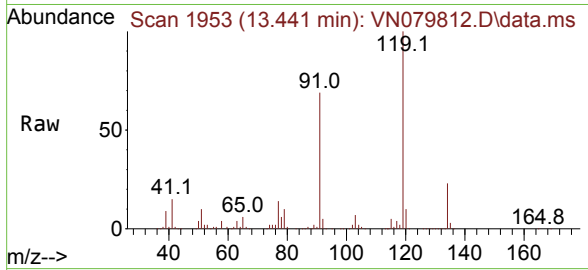




#83
 tert-Butylbenzene
 Concen: 55.815 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

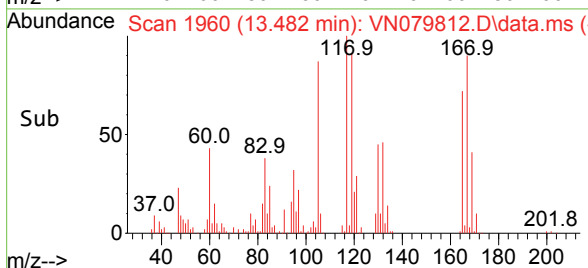
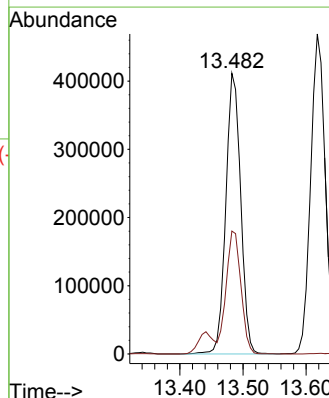
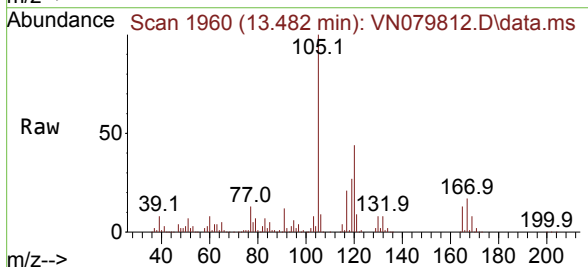
Instrument :
 MSVOA_N
 ClientSampleId :

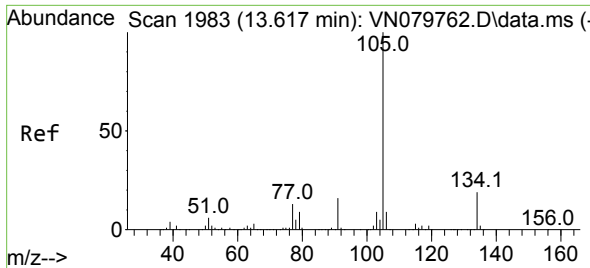
Tgt Ion:119 Resp: 542776
 Ion Ratio Lower Upper
 119 100
 91 68.8 33.9 101.7
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 57.456 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

Tgt Ion:105 Resp: 671575
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0

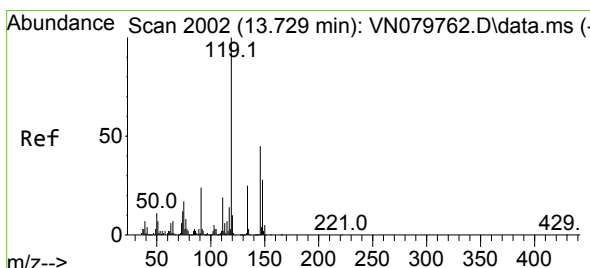
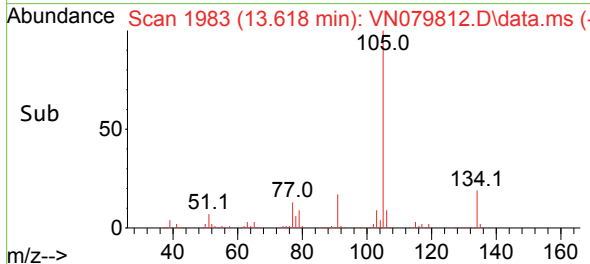
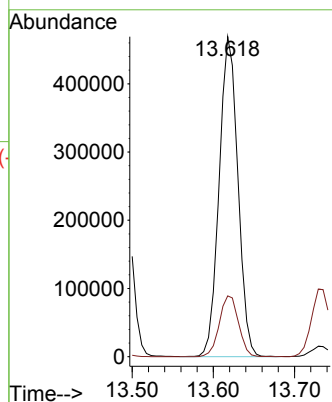
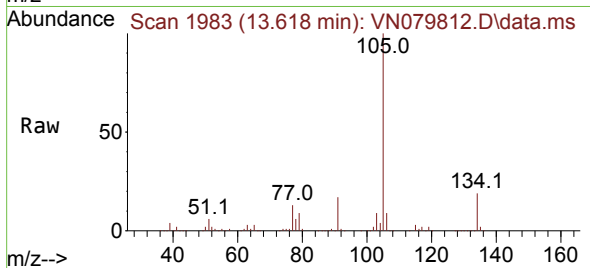




#85
 sec-Butylbenzene
 Concen: 55.960 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

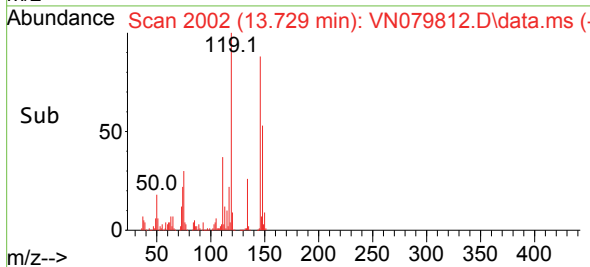
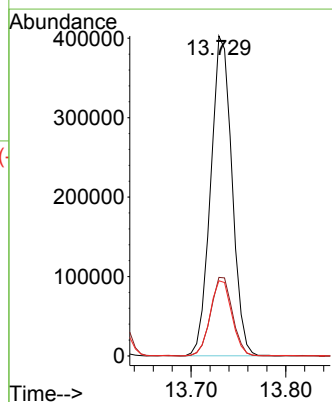
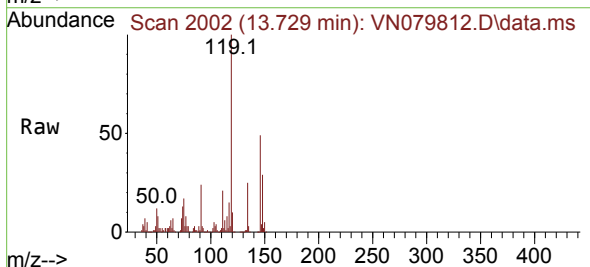
Instrument :
 MSVOA_N
 ClientSampleId :

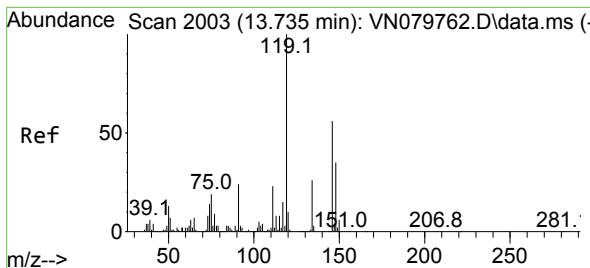
Tgt Ion:105 Resp: 753940
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 57.107 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079812.D
 Acq: 02 Nov 2023 21:08

Tgt Ion:119 Resp: 627300
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.985 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

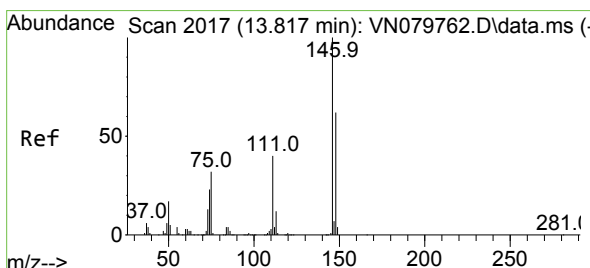
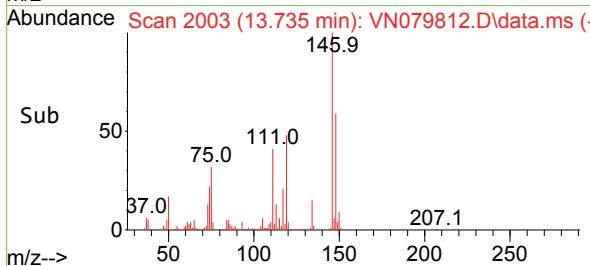
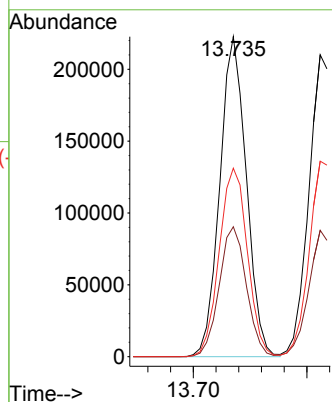
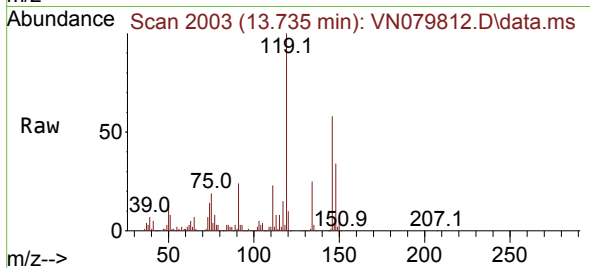
Tgt Ion:146 Resp: 361530

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.3

148 62.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 50.767 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.006 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

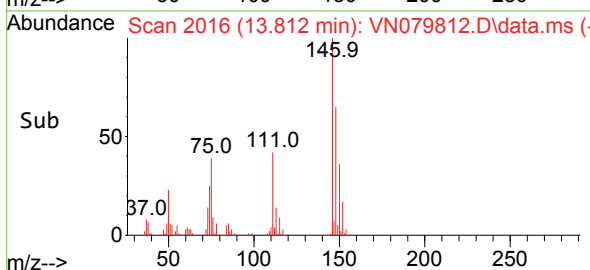
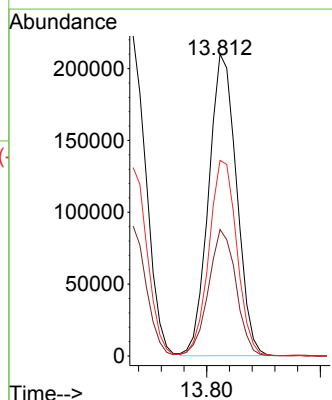
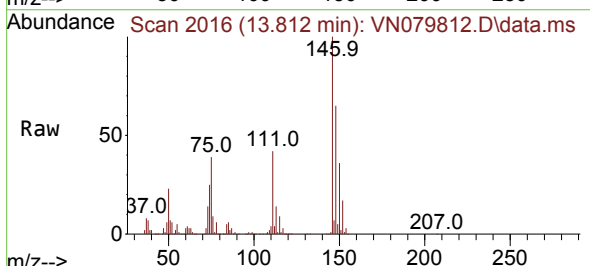
Tgt Ion:146 Resp: 358363

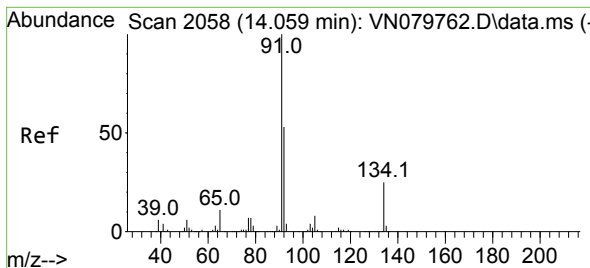
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 64.8 31.6 94.8





#89

n-Butylbenzene

Concen: 55.429 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

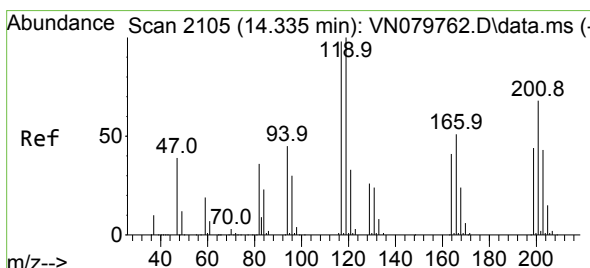
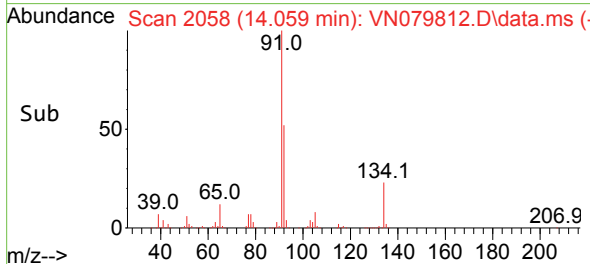
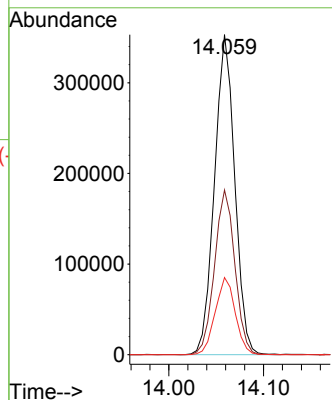
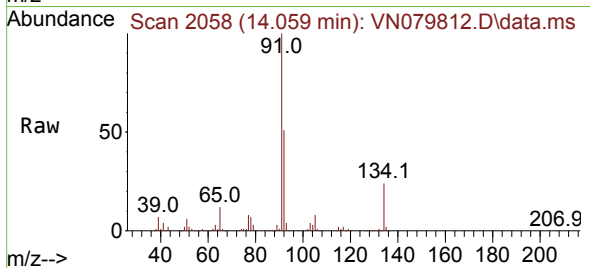
Tgt Ion: 91 Resp: 524415

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.0

134 23.9 12.6 37.6



#90

Hexachloroethane

Concen: 54.281 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079812.D

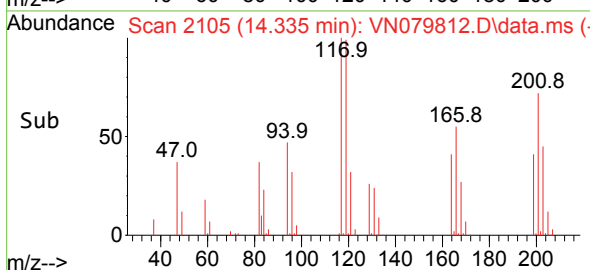
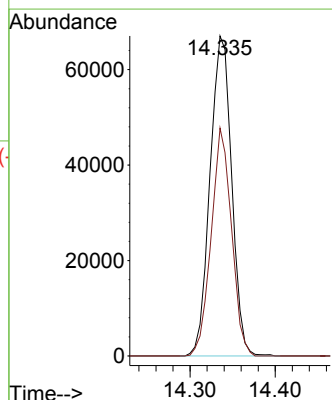
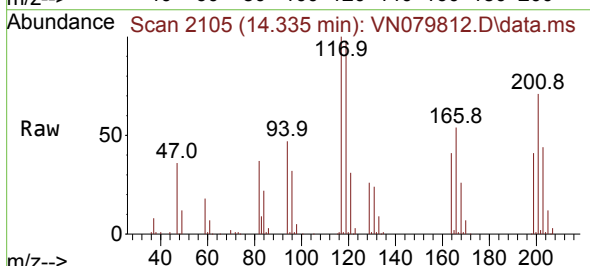
Acq: 02 Nov 2023 21:08

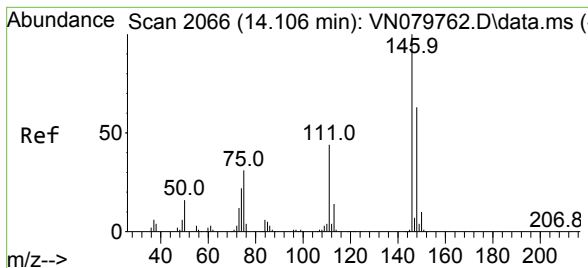
Tgt Ion: 117 Resp: 118083

Ion Ratio Lower Upper

117 100

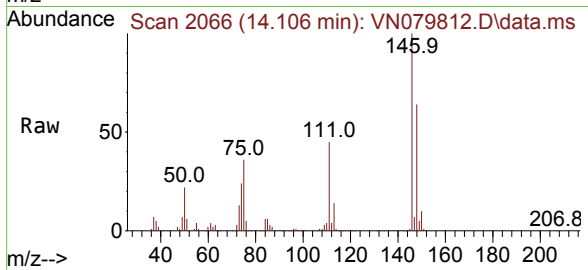
201 67.0 29.3 88.0



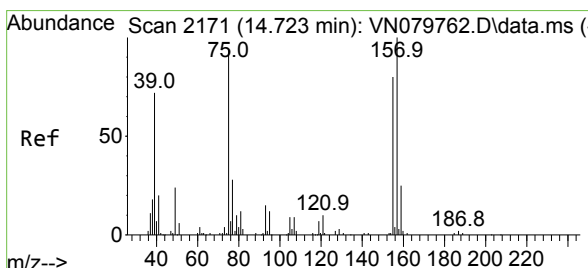
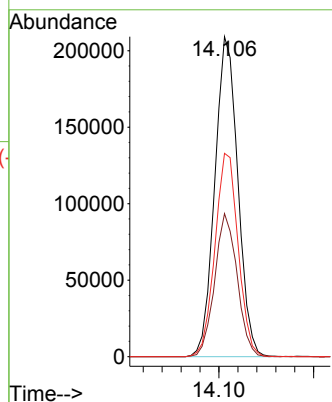
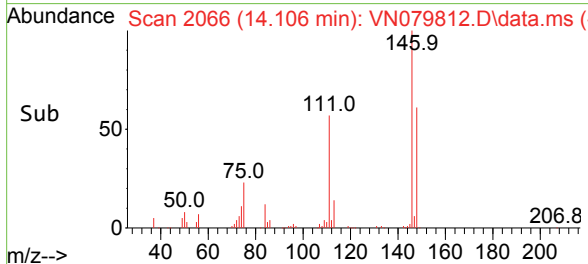


#91
1,2-Dichlorobenzene
Concen: 53.755 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

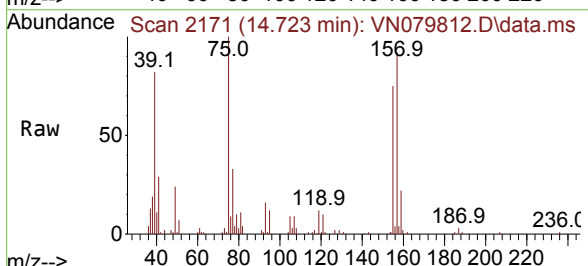
Instrument :
MSVOA_N
ClientSampleId :



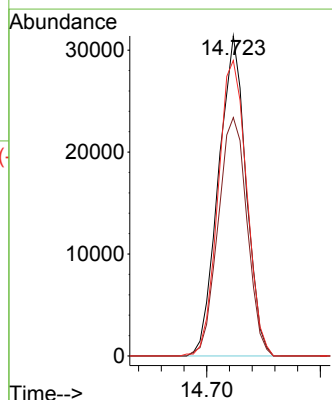
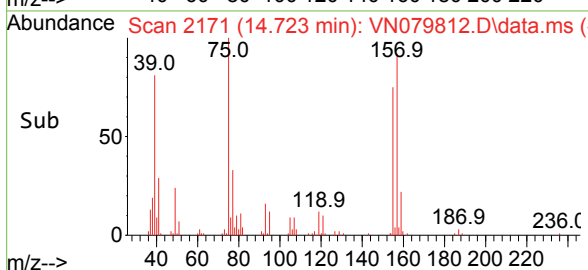
Tgt Ion:146 Resp: 352902
Ion Ratio Lower Upper
146 100
111 43.7 22.0 66.0
148 64.1 31.8 95.3

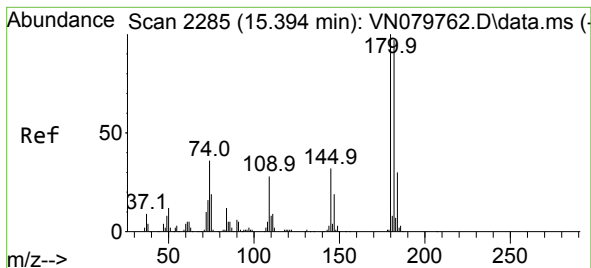


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.604 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08



Tgt Ion: 75 Resp: 52887
Ion Ratio Lower Upper
75 100
155 78.1 39.1 117.2
157 95.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 54.877 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

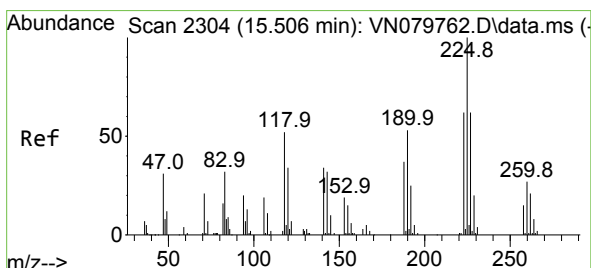
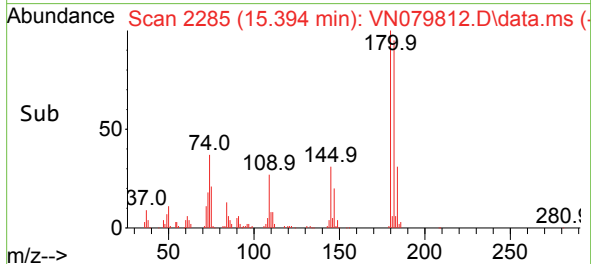
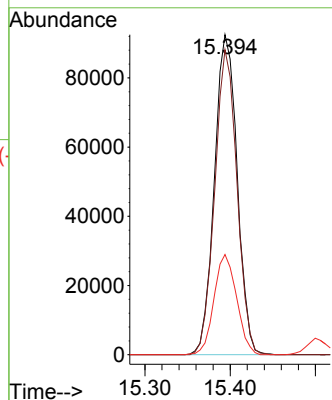
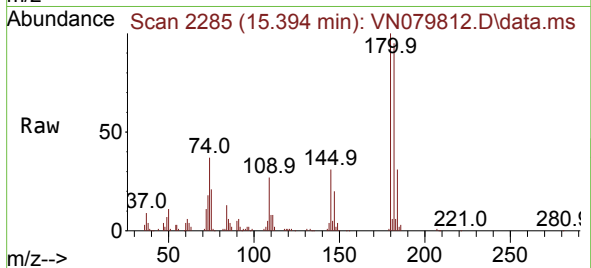
Tgt Ion:180 Resp: 171303

Ion Ratio Lower Upper

180 100

182 93.2 46.1 138.2

145 31.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 52.215 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079812.D

Acq: 02 Nov 2023 21:08

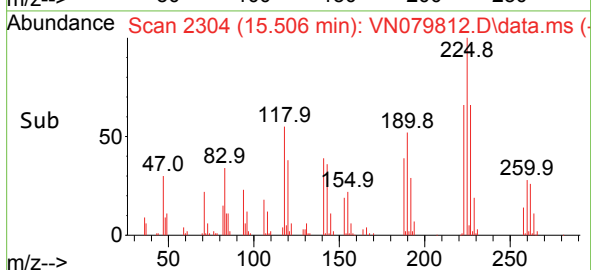
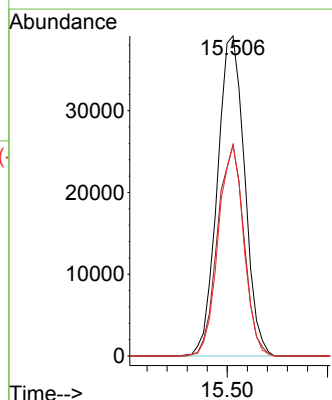
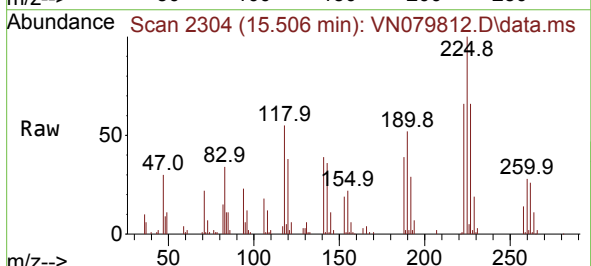
Tgt Ion:225 Resp: 73890

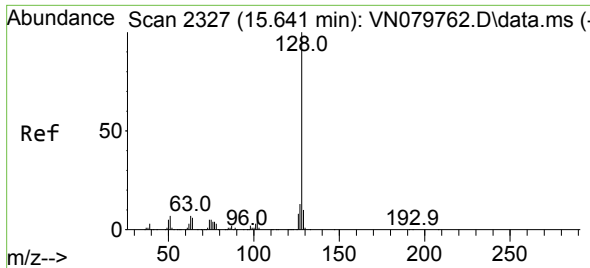
Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.8

227 61.4 31.9 95.9

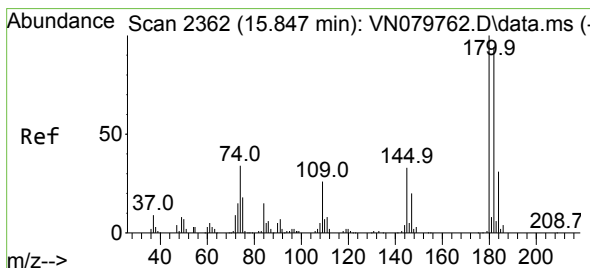
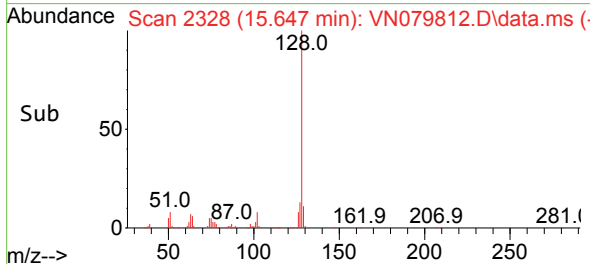
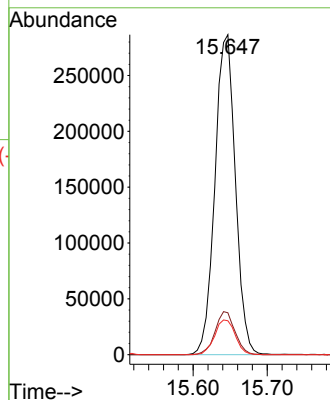
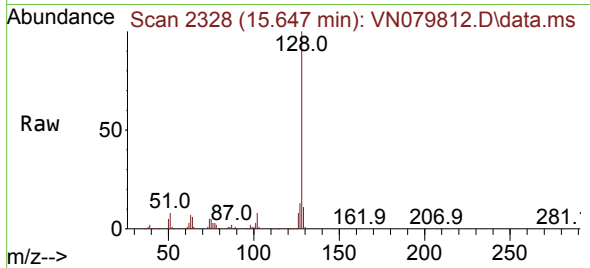




#95
Naphthalene
Concen: 51.880 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 549211
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.820 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079812.D
Acq: 02 Nov 2023 21:08

Tgt Ion:180 Resp: 167744
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 32.9 17.5 52.6

