

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080022.D
 Acq On : 09 Nov 2023 15:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 00:24:38 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	8.229	168	329631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	515662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	273910	54.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.080%	
35) Dibromofluoromethane	8.165	113	218187	55.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.500%	
50) Toluene-d8	10.571	98	790735	54.391	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.853	95	292192	60.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	191491	48.229	ug/l	100
3) Chloromethane	2.359	50	234767	47.404	ug/l	100
4) Vinyl Chloride	2.512	62	516253	99.330	ug/l	98
5) Bromomethane	2.947	94	112179	35.523	ug/l	94
6) Chloroethane	3.118	64	139307	33.922	ug/l	95
7) Trichlorofluoromethane	3.494	101	350588	54.234	ug/l	98
8) Diethyl Ether	3.959	74	128812	52.510	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	202447	54.024	ug/l	99
10) Methyl Iodide	4.589	142	207713	48.538	ug/l	97
11) Tert butyl alcohol	5.530	59	147312	229.786	ug/l	100
12) 1,1-Dichloroethene	4.342	96	183058	51.593	ug/l	84
13) Acrolein	4.183	56	146228	304.530	ug/l	95
14) Allyl chloride	5.018	41	304543	56.040	ug/l #	92
15) Acrylonitrile	5.718	53	571478	286.048	ug/l	99
16) Acetone	4.424	43	538137	305.059	ug/l	89
17) Carbon Disulfide	4.706	76	456864	44.640	ug/l	98
18) Methyl Acetate	5.024	43	471152	55.826	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	691387	56.598	ug/l	94
20) Methylene Chloride	5.277	84	234029	52.577	ug/l #	84
21) trans-1,2-Dichloroethene	5.788	96	210159	53.108	ug/l #	75
22) Diisopropyl ether	6.677	45	765847	60.811	ug/l #	88
23) Vinyl Acetate	6.606	43	2022211	291.104	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	446594	58.344	ug/l	97
25) 2-Butanone	7.488	43	765035	296.160	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	374161	59.104	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	255823	54.045	ug/l	83
28) Bromochloromethane	7.818	49	223315	59.864	ug/l #	74
29) Tetrahydrofuran	7.841	42	488216	290.492	ug/l #	76
30) Chloroform	7.965	83	458052	55.090	ug/l	93
31) Cyclohexane	8.259	56	328451	49.494	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	390777	57.681	ug/l	96
36) 1,1-Dichloropropene	8.371	75	330274	58.574	ug/l	94
37) Ethyl Acetate	7.559	43	305822	59.139	ug/l #	92
38) Carbon Tetrachloride	8.365	117	332152	58.450	ug/l	99
39) Methylcyclohexane	9.606	83	292375	55.098	ug/l #	87
40) Benzene	8.606	78	965144	57.148	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	167699	61.069	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	354504	60.093	ug/l	98
43) Isopropyl Acetate	8.688	43	499818	55.114	ug/l #	93
44) Trichloroethene	9.359	130	234314	55.912	ug/l	98
45) 1,2-Dichloropropane	9.624	63	263226	60.989	ug/l	96
46) Dibromomethane	9.712	93	170176	57.746	ug/l	95
47) Bromodichloromethane	9.888	83	364017	57.919	ug/l	99
48) Methyl methacrylate	9.682	41	249230	62.743	ug/l #	79
49) 1,4-Dioxane	9.700	88	78838	1123.215	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1598597	313.102	ug/l	92
52) Toluene	10.635	92	600409	59.968	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	375105	60.881	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	410207	61.082	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	246506	61.212	ug/l	99
56) Ethyl methacrylate	10.876	69	365476	63.625	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	432886	60.984	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	716257	246.021	ug/l	90
59) 2-Hexanone	11.200	43	1186014	303.652	ug/l	90
60) Dibromochloromethane	11.365	129	260029	60.323	ug/l	98
61) 1,2-Dibromoethane	11.476	107	234962	58.131	ug/l	98
64) Tetrachloroethene	11.106	164	210515	63.034	ug/l	99
65) Chlorobenzene	11.894	112	637524	56.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	243515	60.424	ug/l	97
67) Ethyl Benzene	11.965	91	1162107	59.631	ug/l	96
68) m/p-Xylenes	12.076	106	874433	120.450	ug/l	94
69) o-Xylene	12.400	106	422380	60.420	ug/l	93
70) Styrene	12.412	104	724596	64.496	ug/l	98
71) Bromoform	12.582	173	172285	60.204	ug/l #	98
73) Isopropylbenzene	12.700	105	1053572	55.245	ug/l	99
74) N-amyl acetate	12.500	43	427975	51.413	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	349921	51.750	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	453412	76.857	ug/l	72
77) Bromobenzene	12.982	156	256128	54.856	ug/l	93
78) n-propylbenzene	13.041	91	1266744	58.003	ug/l	98
79) 2-Chlorotoluene	13.129	91	785800	56.324	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	885841	59.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	126087	58.150	ug/l #	84
82) 4-Chlorotoluene	13.223	91	799757	57.687	ug/l	98
83) tert-Butylbenzene	13.441	119	734095	60.442	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	897037	61.448	ug/l	100
85) sec-Butylbenzene	13.617	105	992568	58.986	ug/l	99
86) p-Isopropyltoluene	13.735	119	824918	60.129	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	474136	54.588	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	471035	53.428	ug/l	99
89) n-Butylbenzene	14.059	91	699997	59.240	ug/l	99
90) Hexachloroethane	14.335	117	151665	55.821	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	458755	55.950	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64689	56.415	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	217281	55.731	ug/l	97
94) Hexachlorobutadiene	15.505	225	101433	57.391	ug/l	99
95) Naphthalene	15.647	128	688931	52.106	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	211016	55.216	ug/l	97

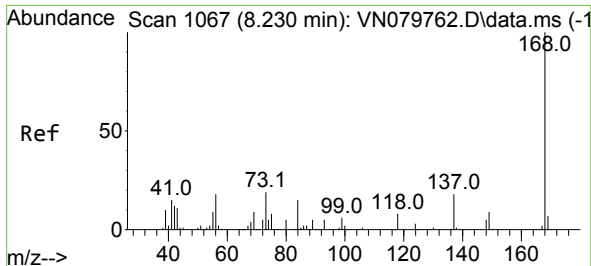
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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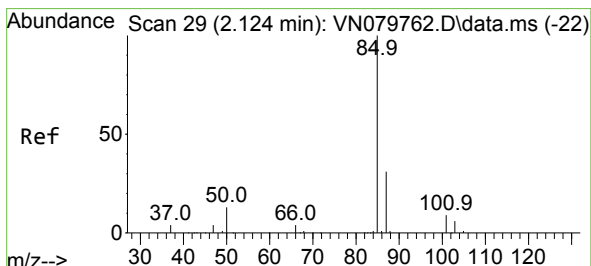
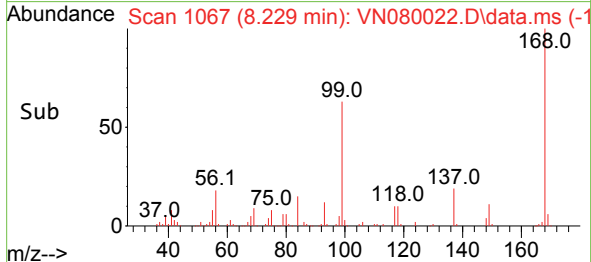
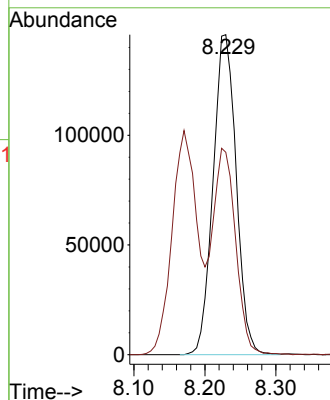
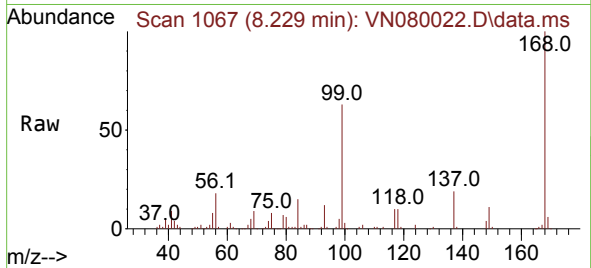
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

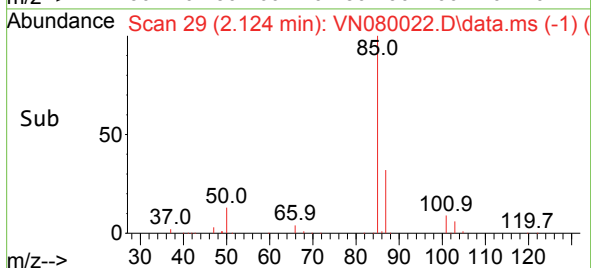
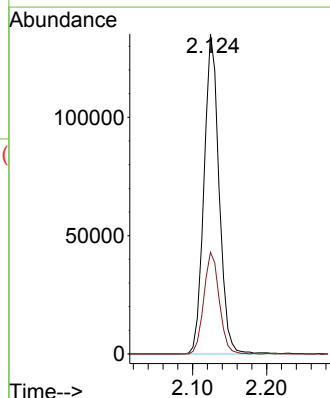
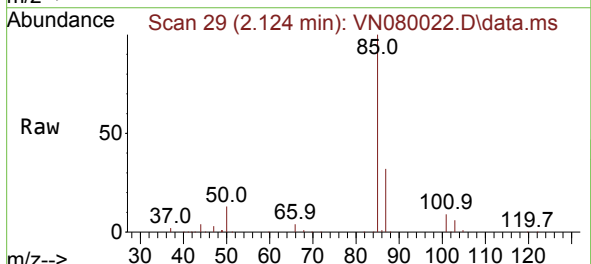
Instrument :
MSVOA_N
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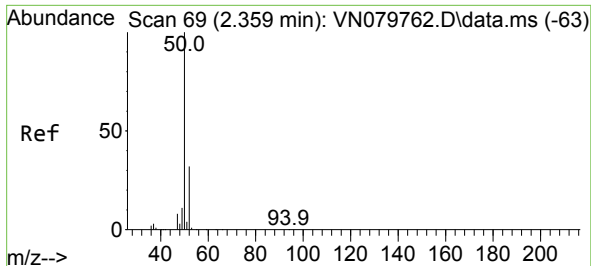
Tgt Ion:168 Resp: 329631
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 48.229 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 85 Resp: 191491
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4

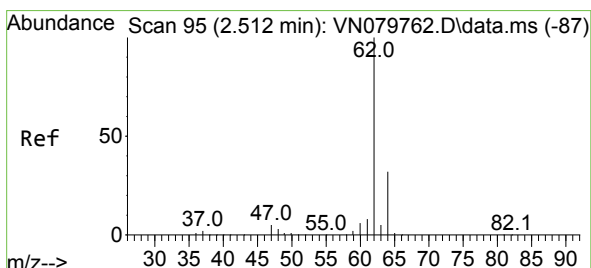
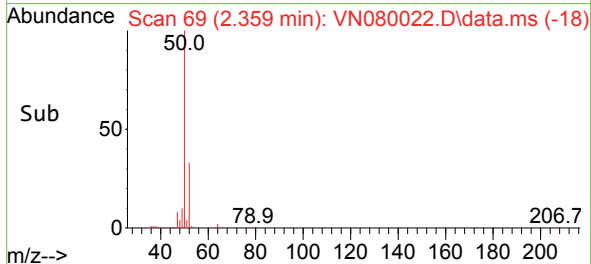
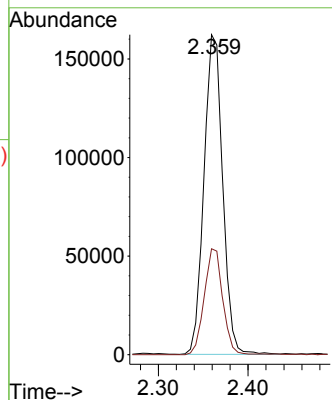
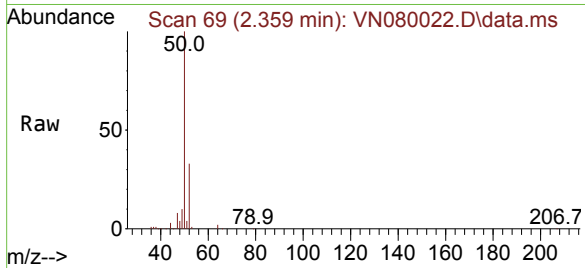




#3
Chloromethane
Concen: 47.404 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

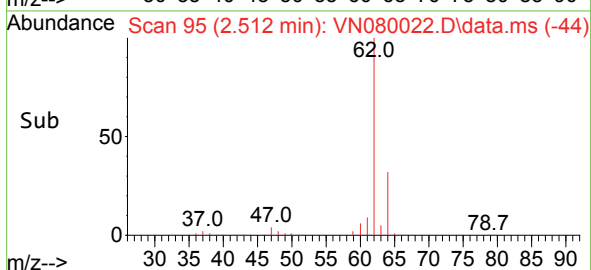
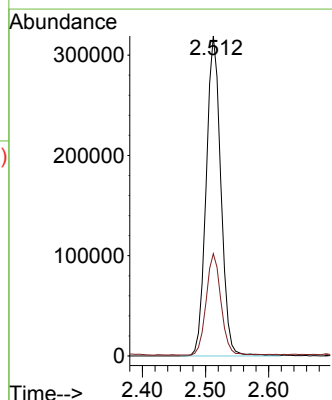
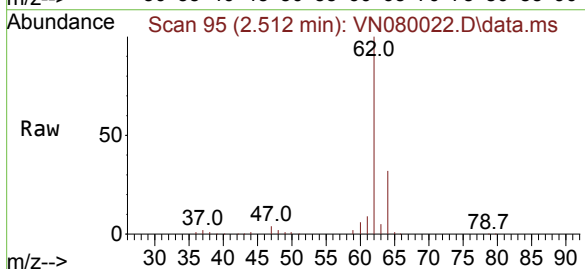
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ClientSampleId :

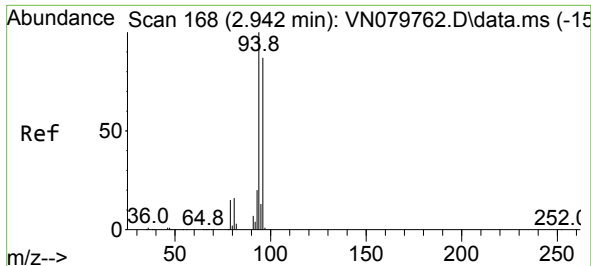
Tgt Ion: 50 Resp: 234767
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 99.330 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 62 Resp: 516253
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

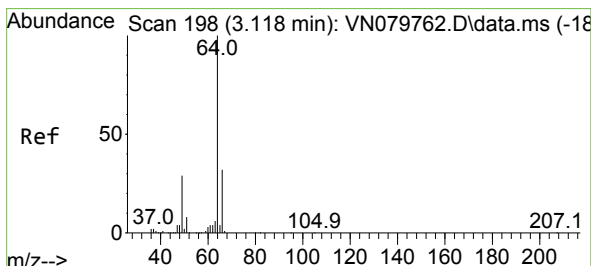
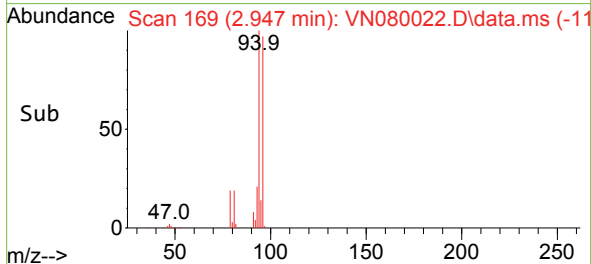
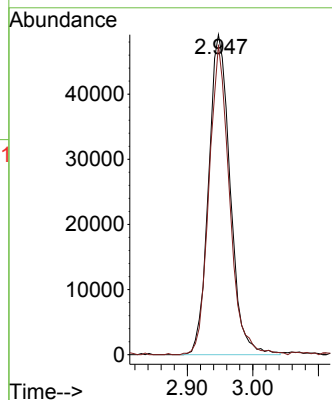
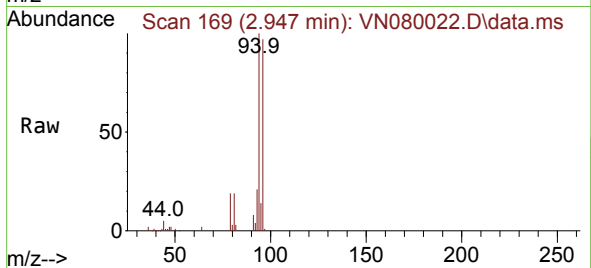




#5
Bromomethane
Concen: 35.523 ug/l
RT: 2.947 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

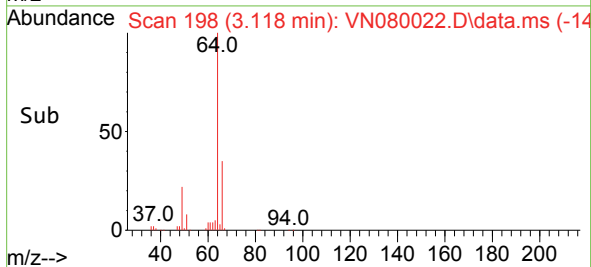
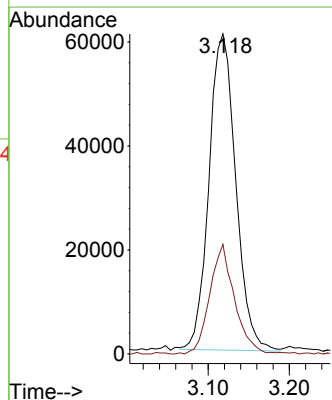
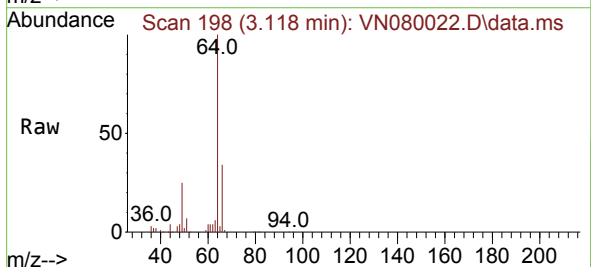
Instrument :
MSVOA_N
ClientSampleId :

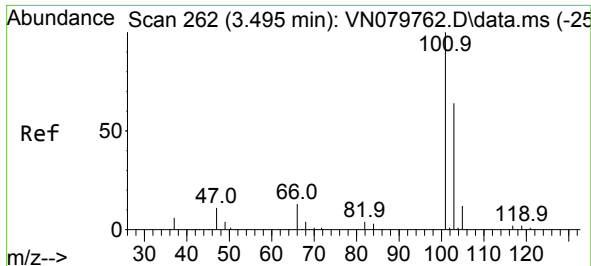
Tgt Ion: 94 Resp: 112179
Ion Ratio Lower Upper
94 100
96 96.8 73.1 109.7



#6
Chloroethane
Concen: 33.922 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 64 Resp: 139307
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2

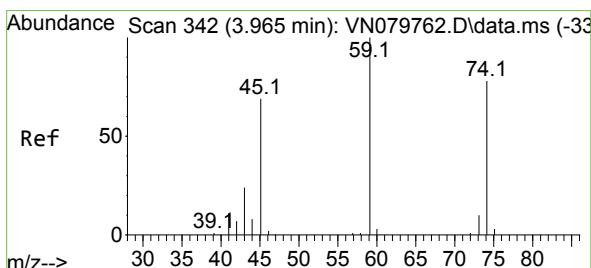
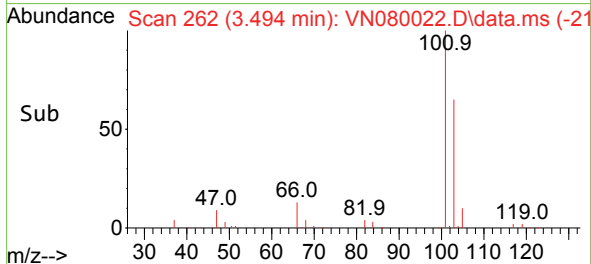
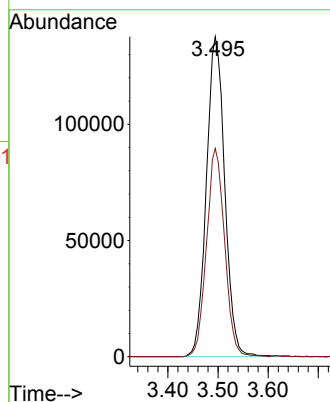
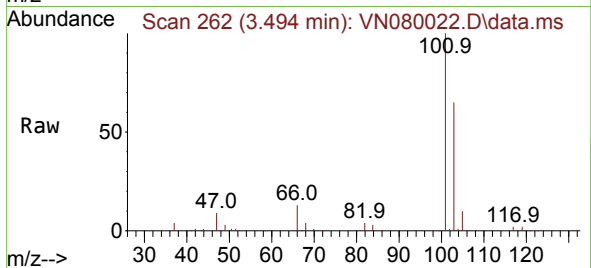




#7
 Trichlorofluoromethane
 Concen: 54.234 ug/l
 RT: 3.494 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

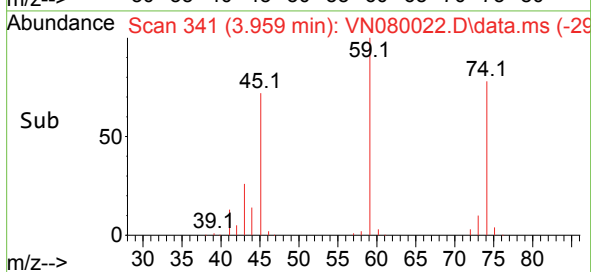
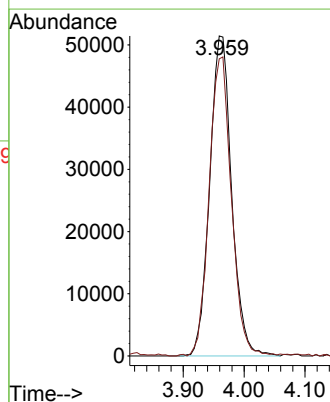
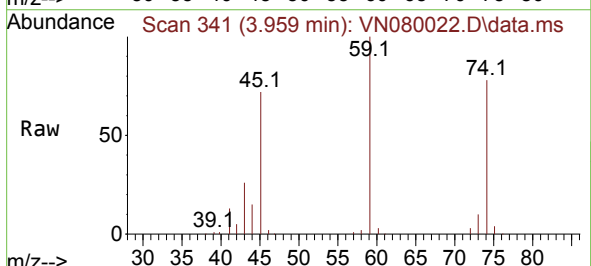
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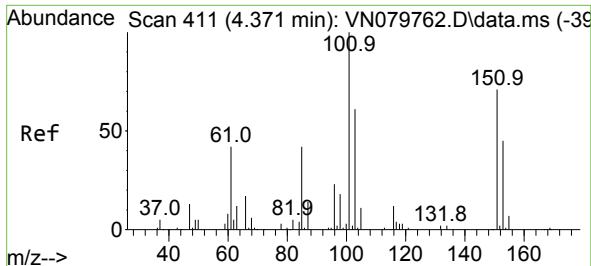
Tgt Ion:101 Resp: 350588
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 52.510 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion: 74 Resp: 128812
 Ion Ratio Lower Upper
 74 100
 45 94.9 34.4 103.3

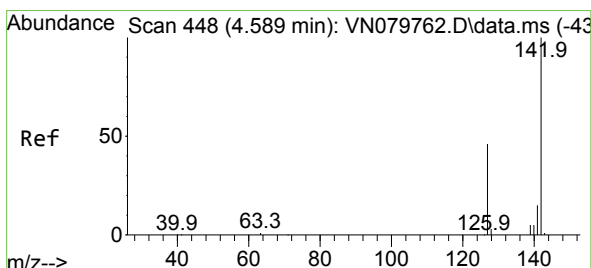
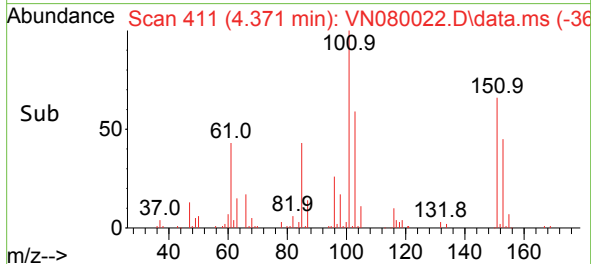
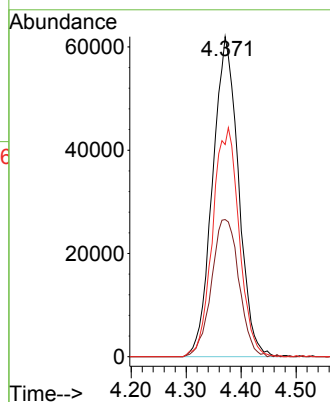
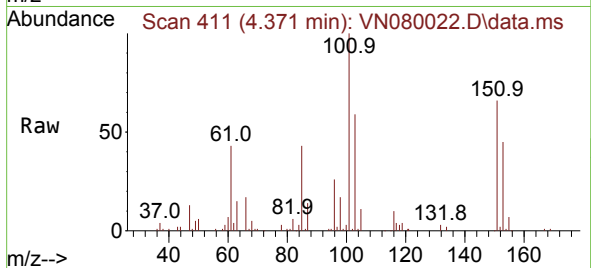




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.024 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

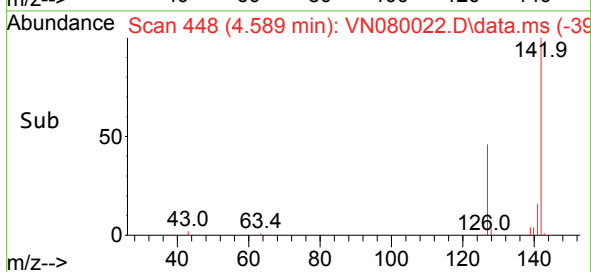
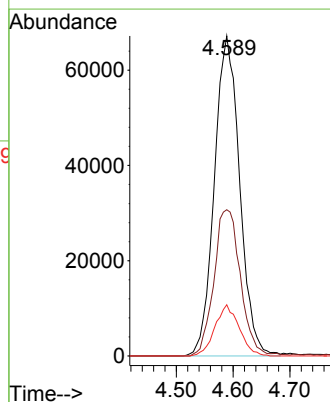
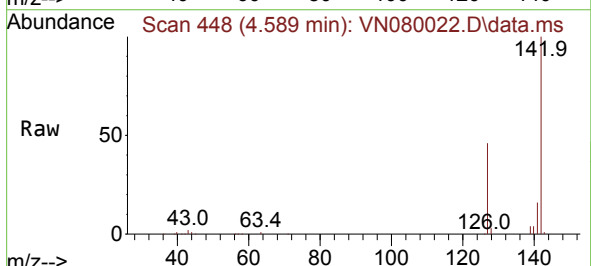
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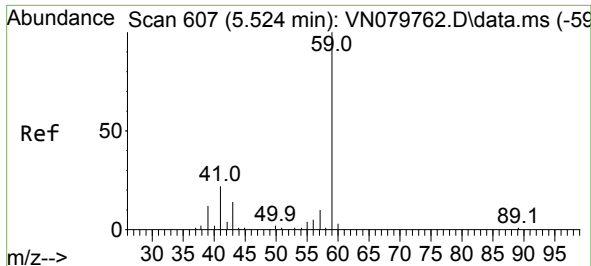
Tgt Ion:101 Resp: 202447
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 73.3 57.6 86.4



#10
Methyl Iodide
Concen: 48.538 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

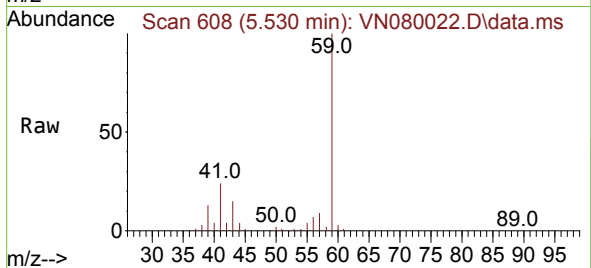
Tgt Ion:142 Resp: 207713
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 16.0 11.4 17.0



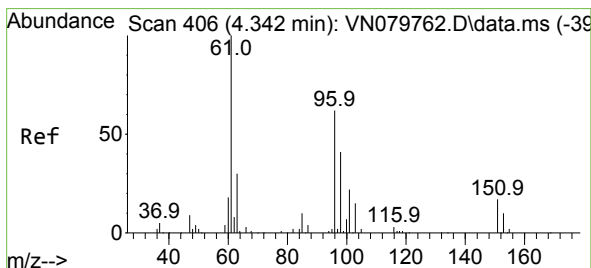
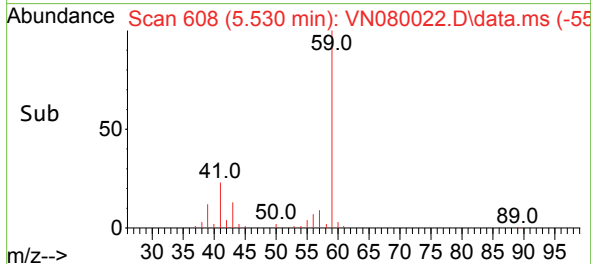
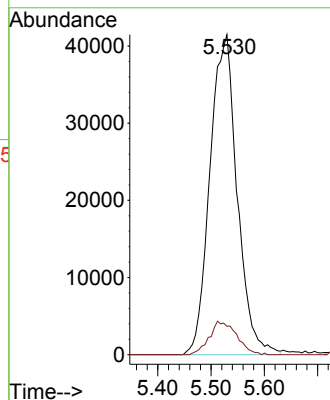


#11
Tert butyl alcohol
Concen: 229.786 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :

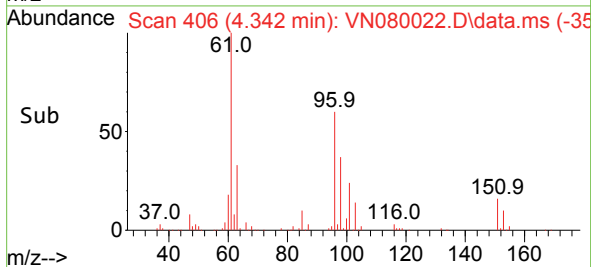
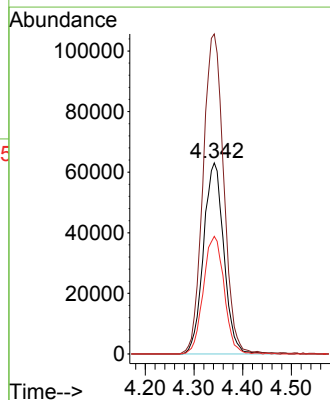
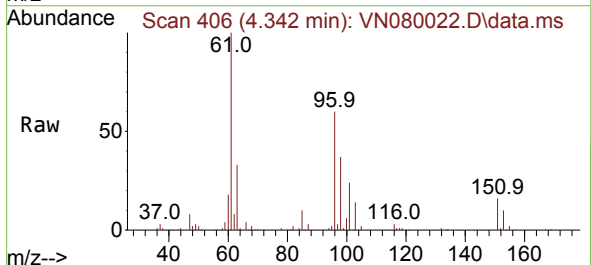


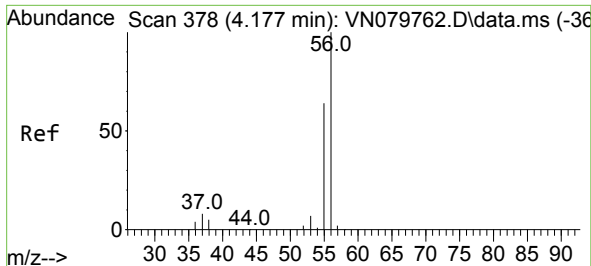
Tgt Ion: 59 Resp: 147312
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.593 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 96 Resp: 183058
Ion Ratio Lower Upper
96 100
61 167.5 112.7 169.1
98 61.6 51.2 76.8





#13

Acrolein

Concen: 304.530 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

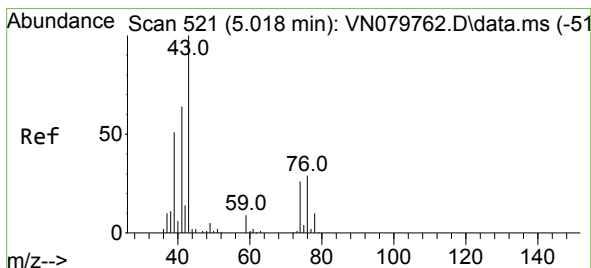
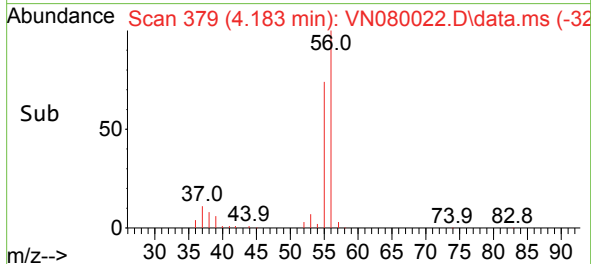
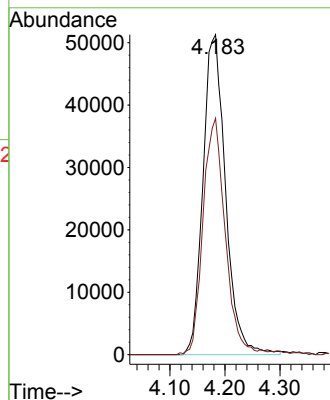
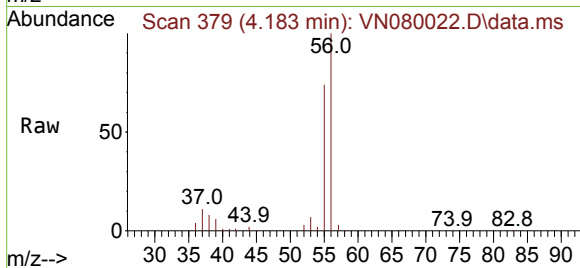
ClientSampleId :

Tgt Ion: 56 Resp: 146228

Ion Ratio Lower Upper

56 100

55 72.2 54.5 81.7



#14

Allyl chloride

Concen: 56.040 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

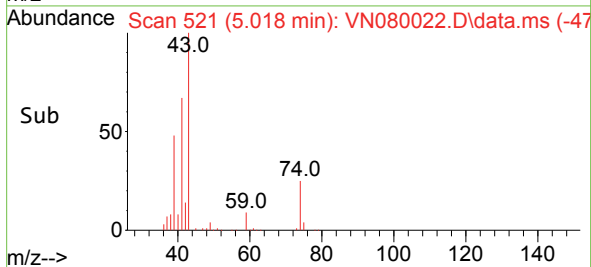
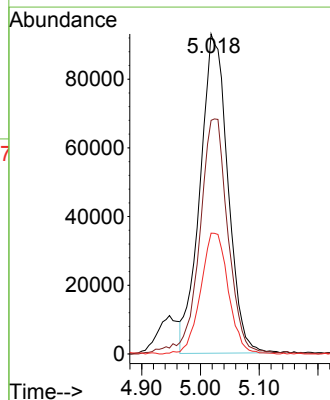
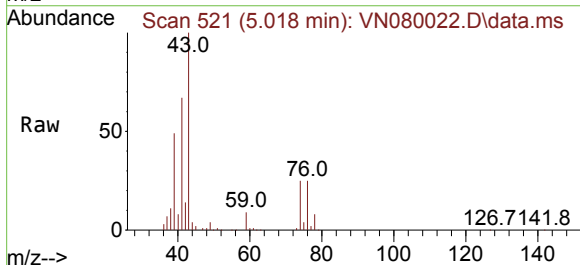
Tgt Ion: 41 Resp: 304543

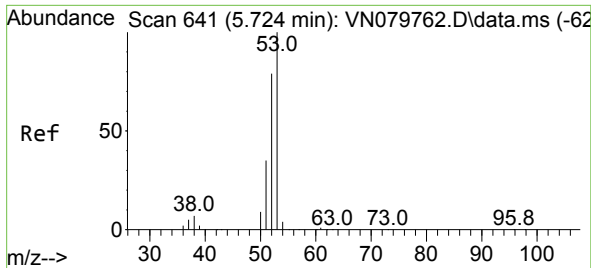
Ion Ratio Lower Upper

41 100

39 75.4 58.8 88.2

76 37.8 39.1 58.7#

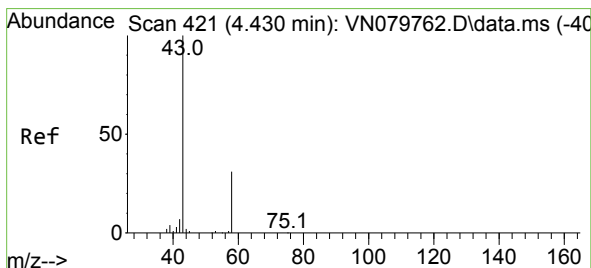
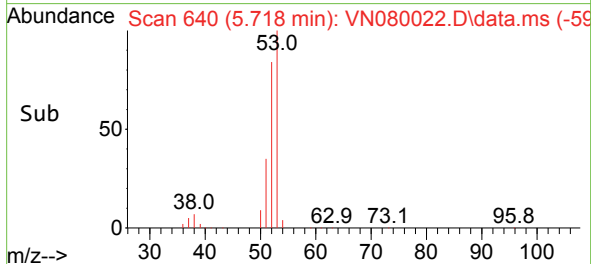
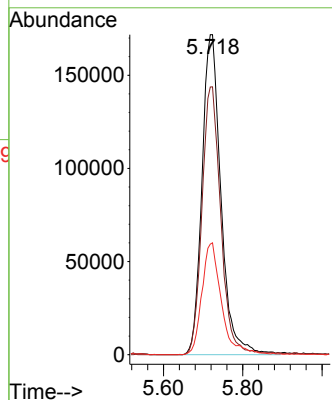
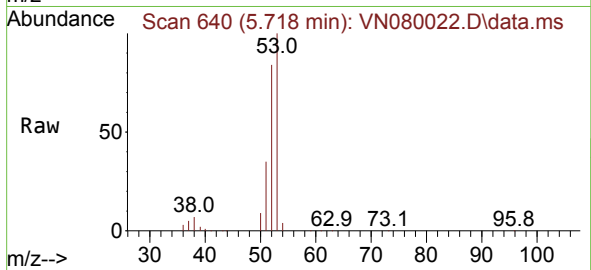




#15
Acrylonitrile
Concen: 286.048 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

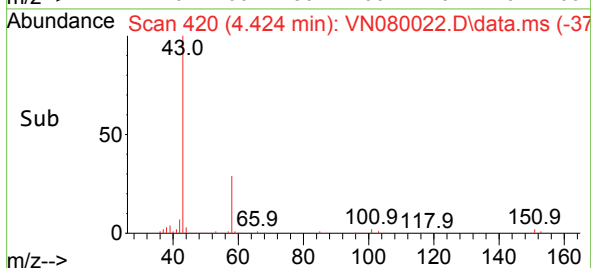
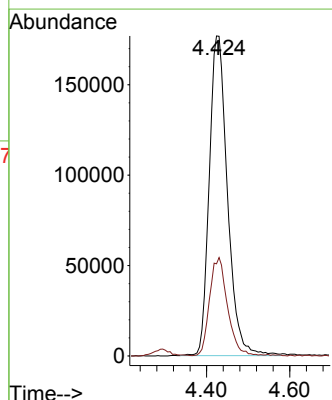
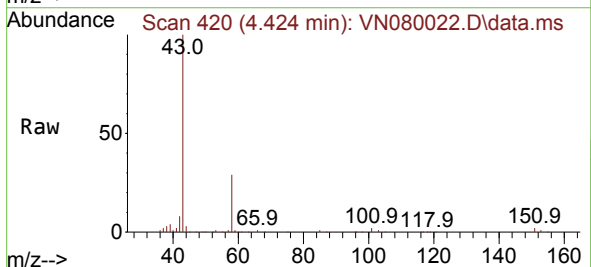
Instrument :
MSVOA_N
ClientSampleId :

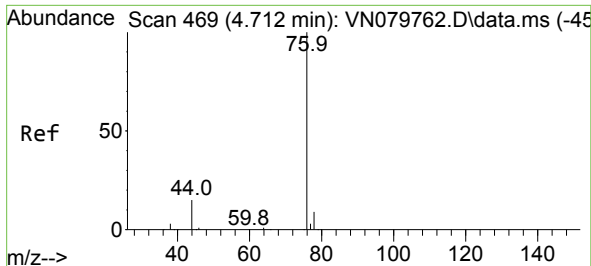
Tgt Ion: 53 Resp: 571478
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.0 28.9 43.3



#16
Acetone
Concen: 305.059 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 43 Resp: 538137
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0

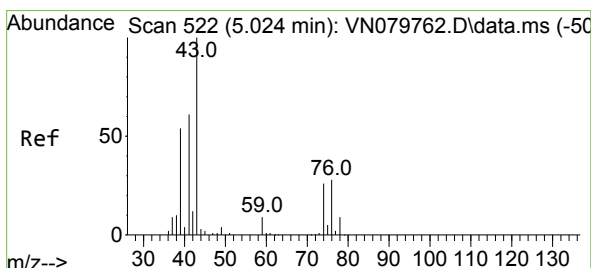
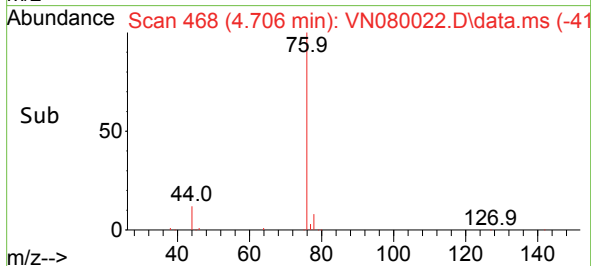
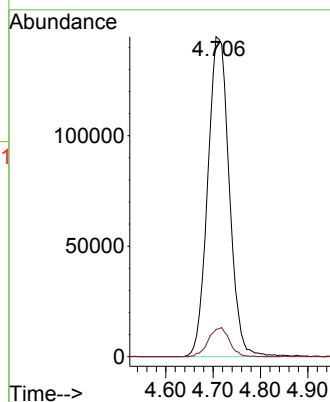
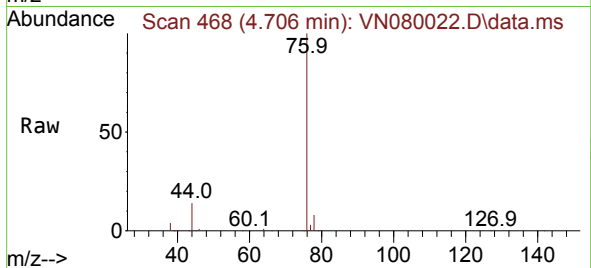




#17
Carbon Disulfide
Concen: 44.640 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

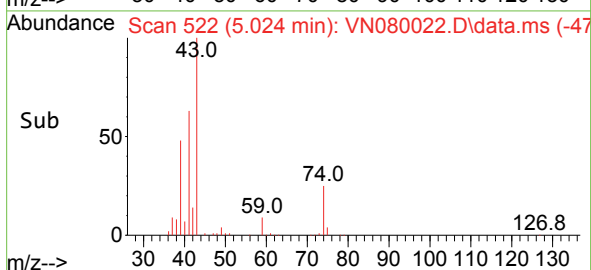
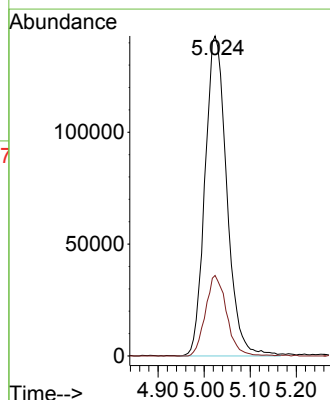
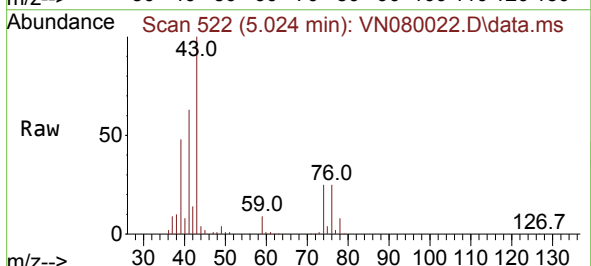
Instrument :
MSVOA_N
ClientSampleId :

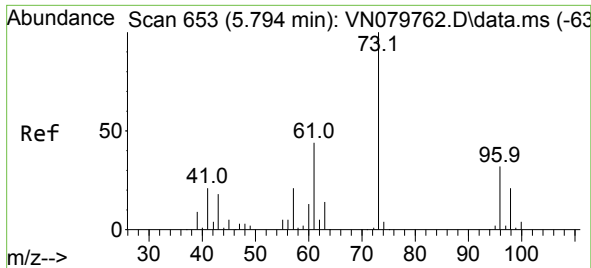
Tgt Ion: 76 Resp: 456864
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 55.826 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 43 Resp: 471152
Ion Ratio Lower Upper
43 100
74 24.4 26.2 39.4#

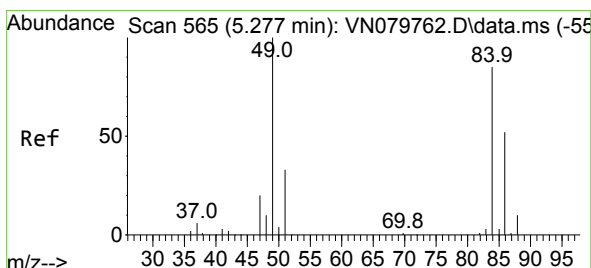
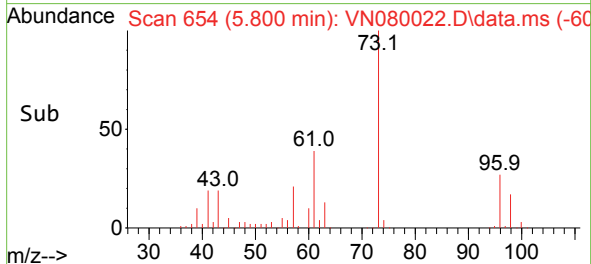
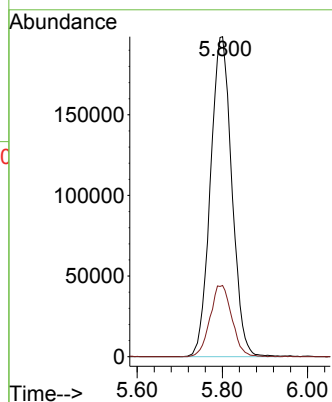
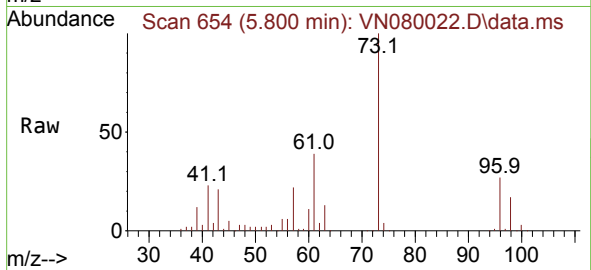




#19
Methyl tert-butyl Ether
Concen: 56.598 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

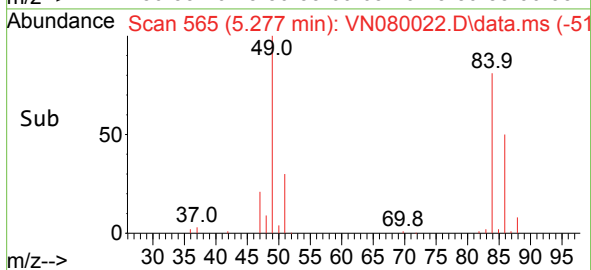
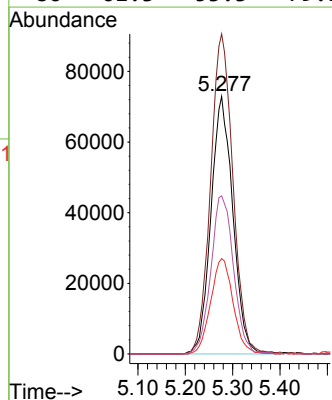
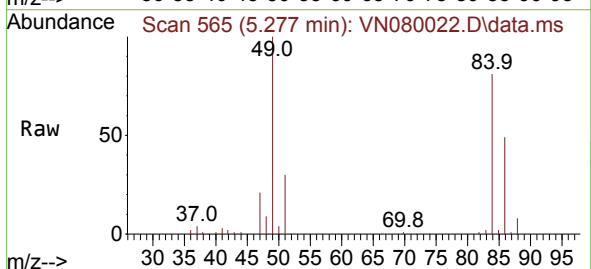
Instrument :
MSVOA_N
ClientSampleId :

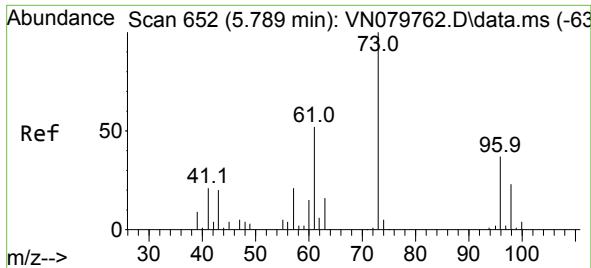
Tgt Ion: 73 Resp: 691387
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4



#20
Methylene Chloride
Concen: 52.577 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

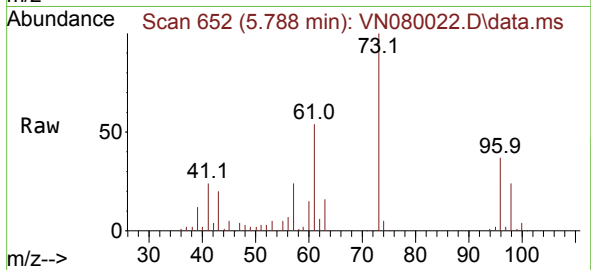
Tgt Ion: 84 Resp: 234029
Ion Ratio Lower Upper
84 100
49 124.2 79.7 119.5#
51 37.0 25.2 37.8
86 61.3 53.3 79.9



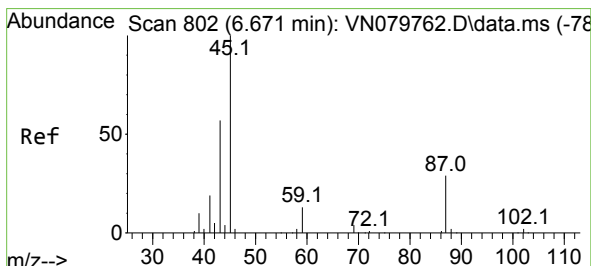
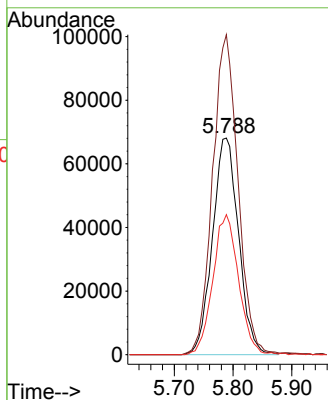
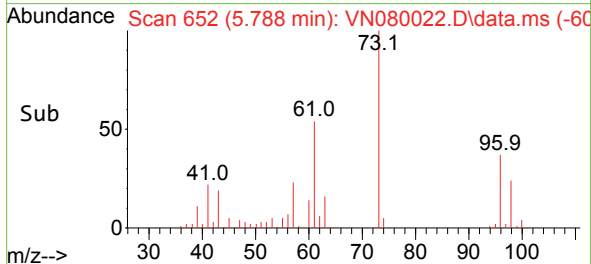


#21
trans-1,2-Dichloroethene
Concen: 53.108 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

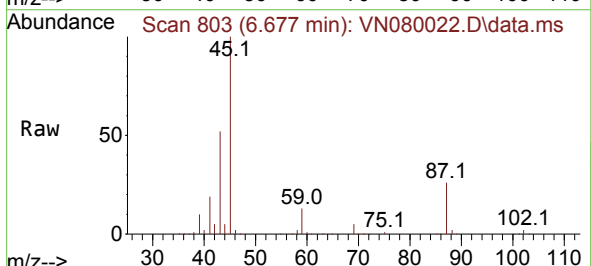
Instrument :
MSVOA_N
ClientSampleId :



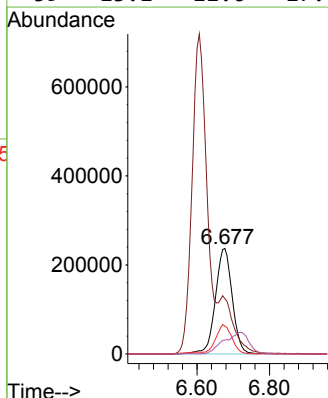
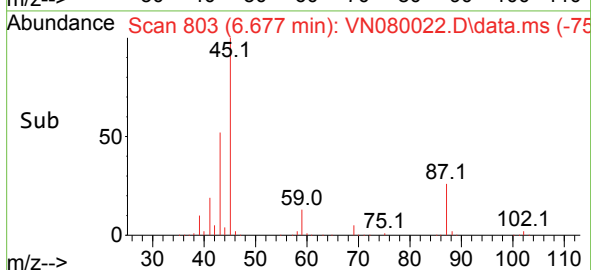
Tgt Ion: 96 Resp: 210159
Ion Ratio Lower Upper
96 100
61 147.7 90.1 135.1#
98 64.6 46.4 69.6

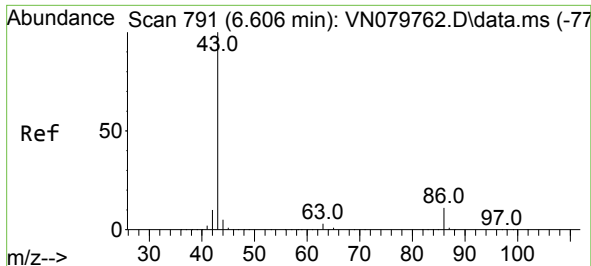


#22
Diisopropyl ether
Concen: 60.811 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 45 Resp: 765847
Ion Ratio Lower Upper
45 100
43 51.6 45.5 68.3
87 26.4 31.8 47.8#
59 13.1 11.6 17.4

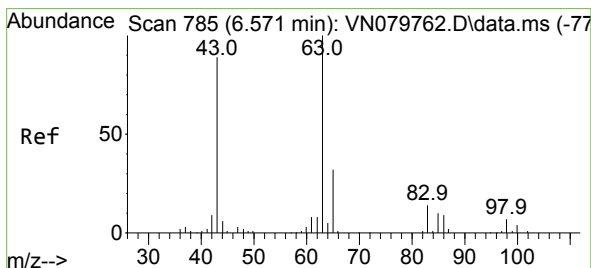
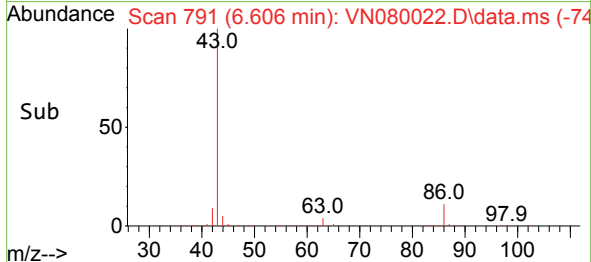
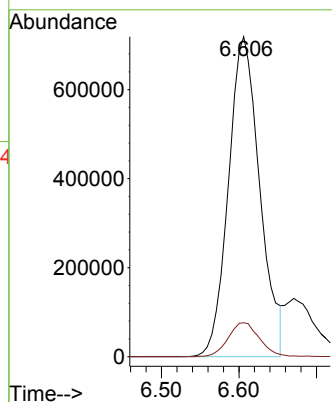
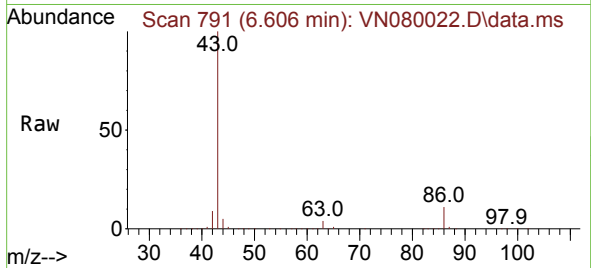




#23
 Vinyl Acetate
 Concen: 291.104 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

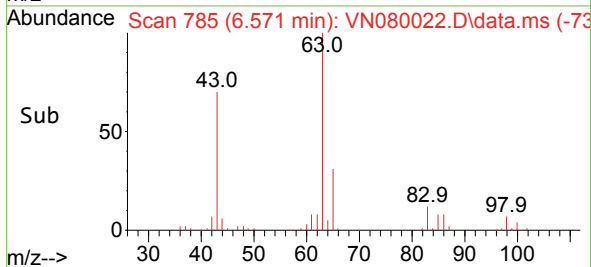
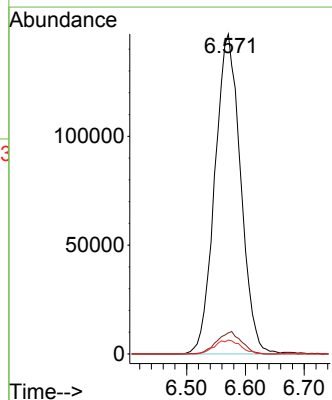
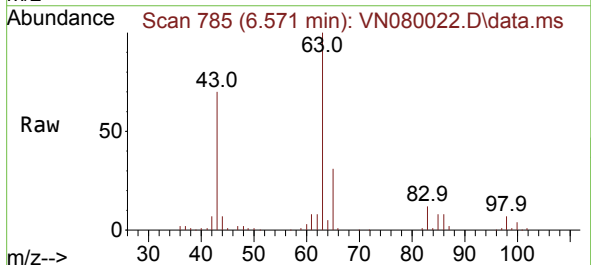
Instrument :
 MSVOA_N
 ClientSampleId :

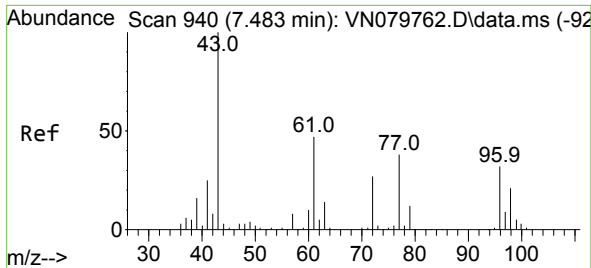
Tgt Ion: 43 Resp: 2022211
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 58.344 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion: 63 Resp: 446594
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.3 2.5 7.4

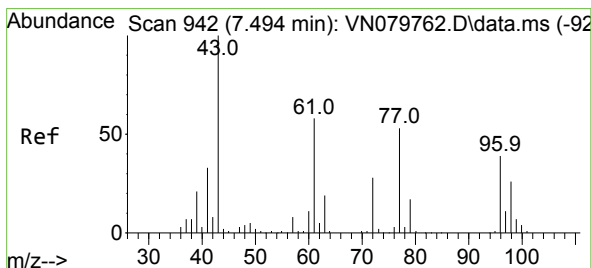
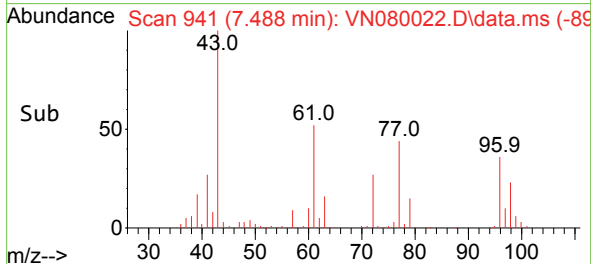
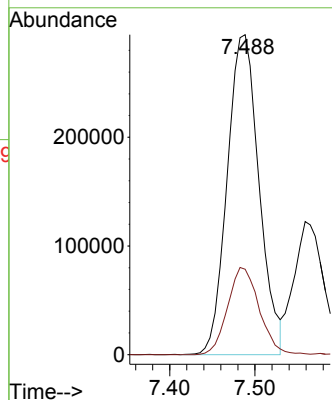
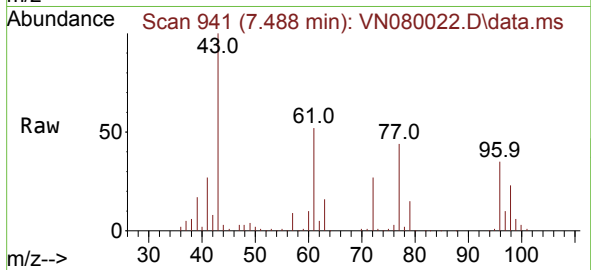




#25
2-Butanone
Concen: 296.160 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

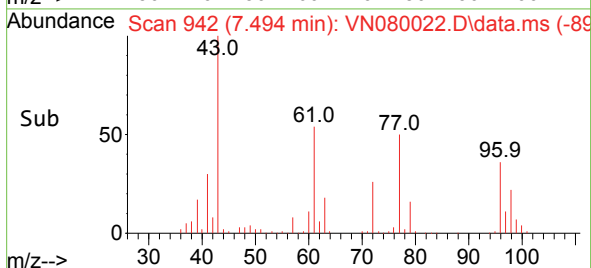
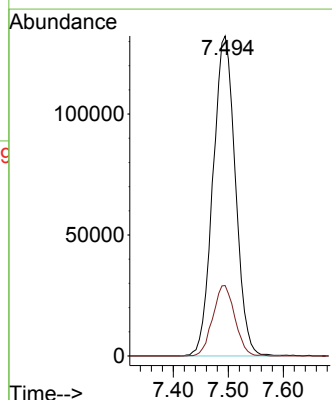
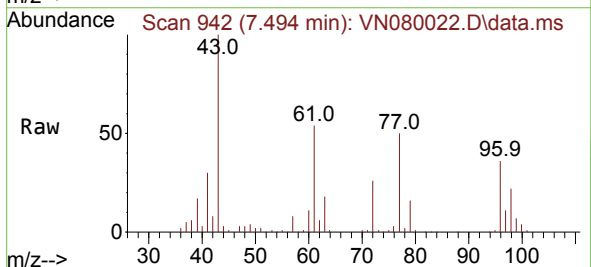
Instrument :
MSVOA_N
ClientSampleId :

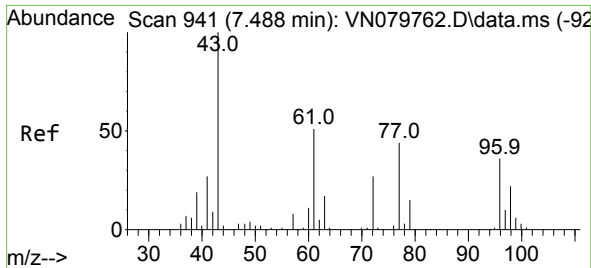
Tgt Ion: 43 Resp: 765035
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 59.104 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 77 Resp: 374161
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6

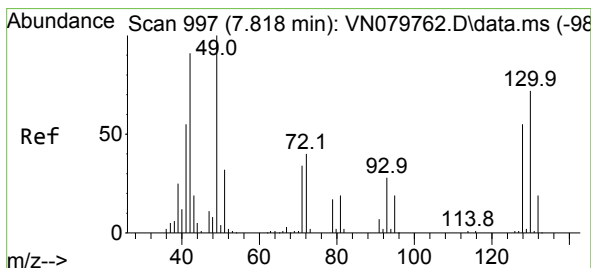
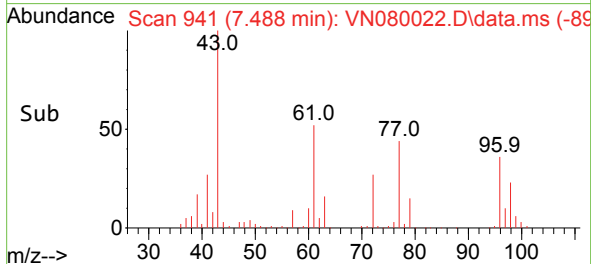
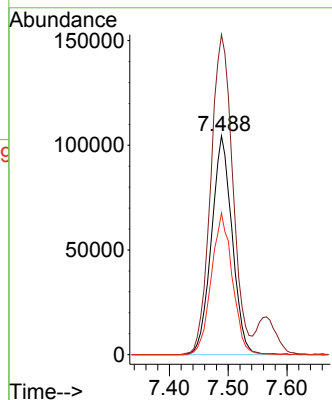
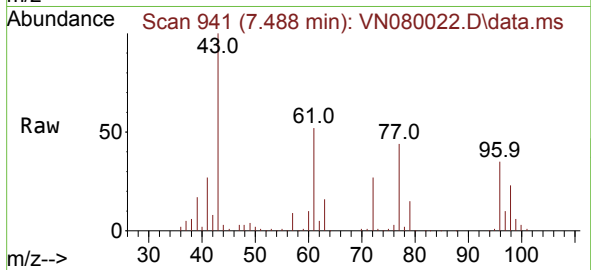




#27
 cis-1,2-Dichloroethene
 Concen: 54.045 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

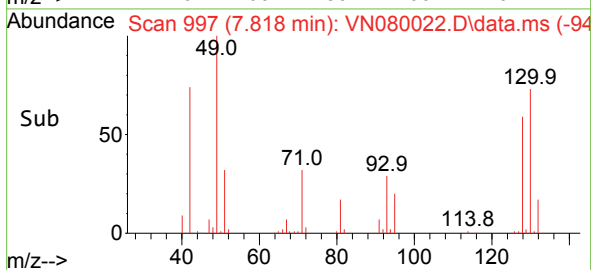
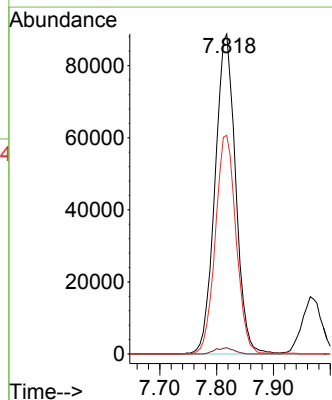
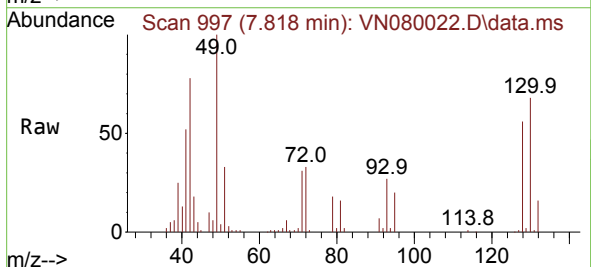
Instrument :
 MSVOA_N
 ClientSampleId :

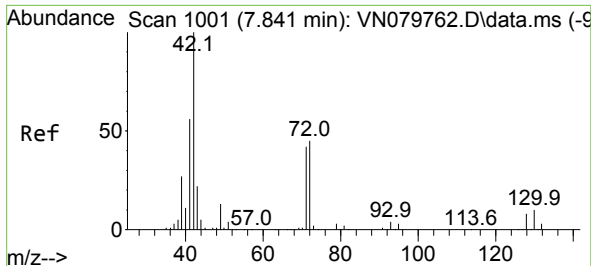
Tgt Ion: 96 Resp: 255823
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 255.2
 98 65.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 59.864 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion: 49 Resp: 223315
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 68.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 290.492 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

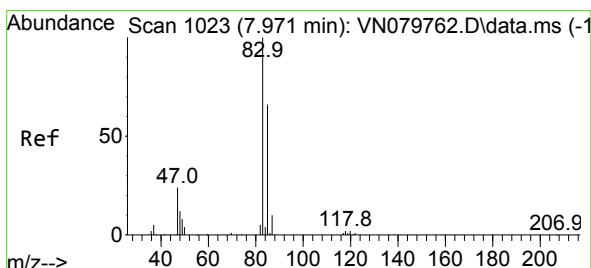
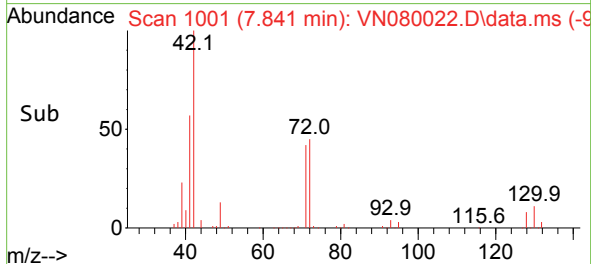
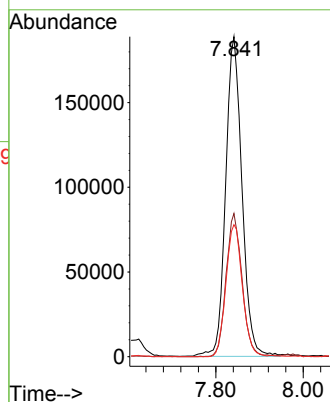
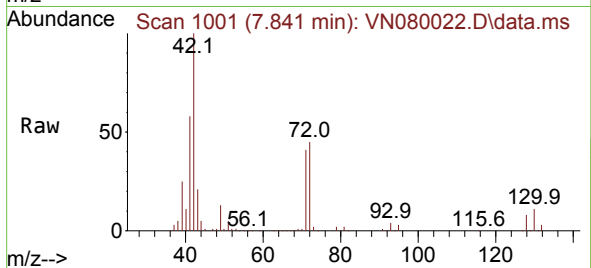
Tgt Ion: 42 Resp: 488216

Ion Ratio Lower Upper

42 100

72 43.7 49.8 74.6#

71 41.6 47.4 71.2#



#30

Chloroform

Concen: 55.090 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080022.D

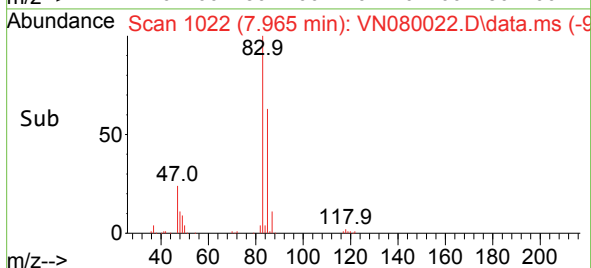
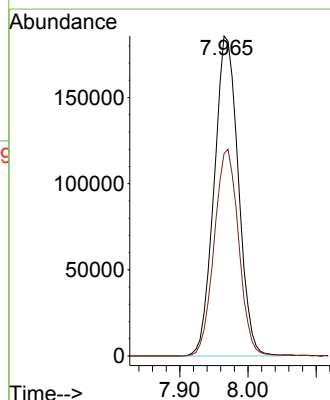
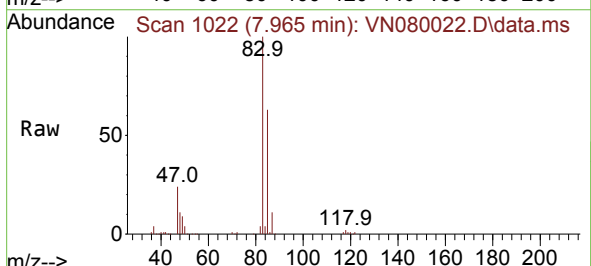
Acq: 09 Nov 2023 15:00

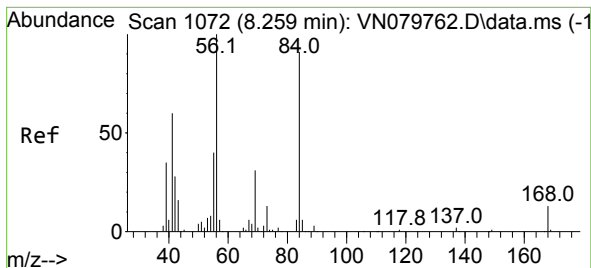
Tgt Ion: 83 Resp: 458052

Ion Ratio Lower Upper

83 100

85 63.2 55.4 83.0





#31

Cyclohexane

Concen: 49.494 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

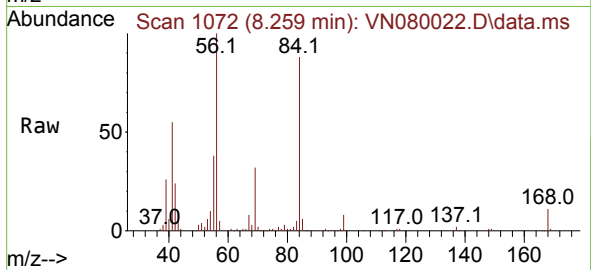
Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :



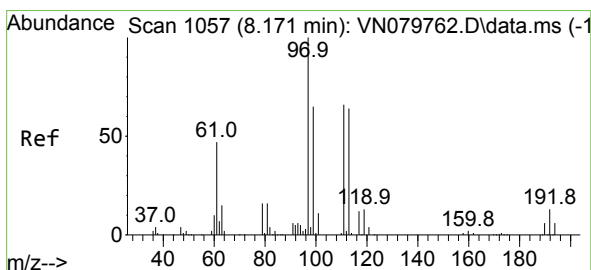
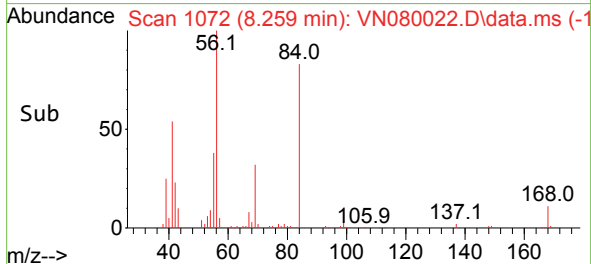
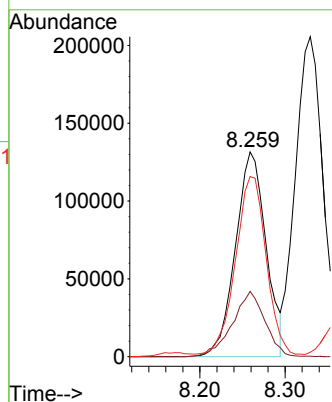
Tgt Ion: 56 Resp: 328451

Ion Ratio Lower Upper

56 100

69 31.9 26.8 40.2

84 86.0 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 57.681 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

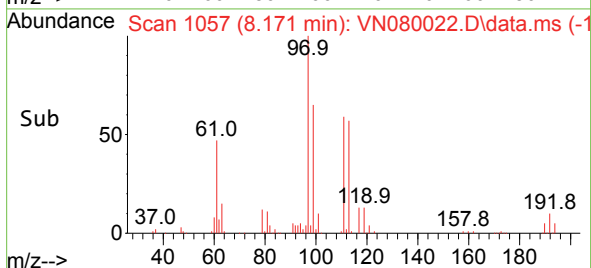
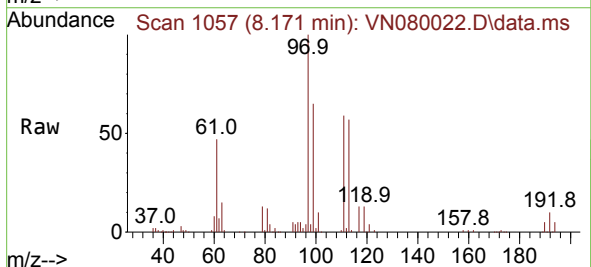
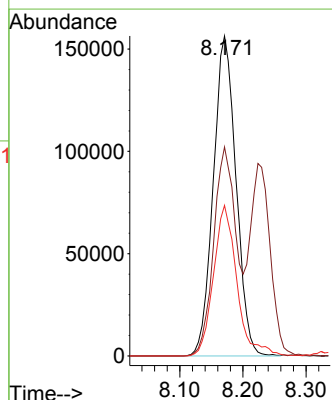
Tgt Ion: 97 Resp: 390777

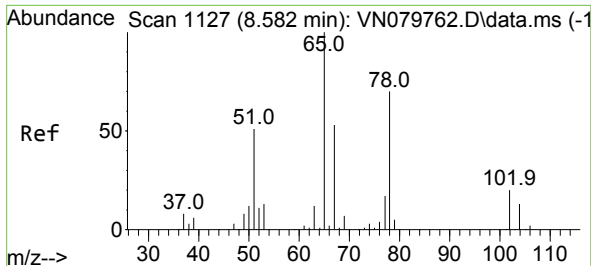
Ion Ratio Lower Upper

97 100

99 64.4 50.3 75.5

61 48.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.542 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

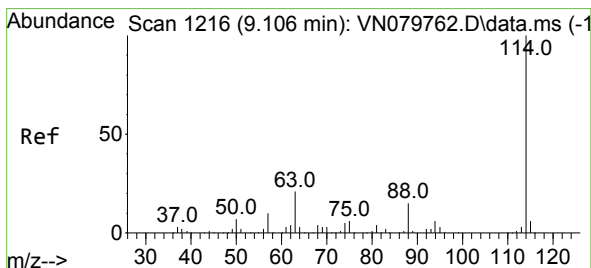
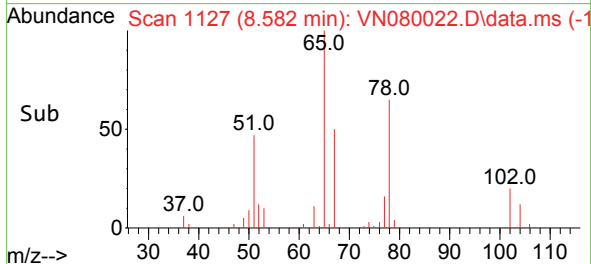
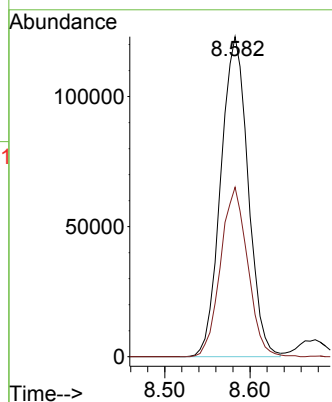
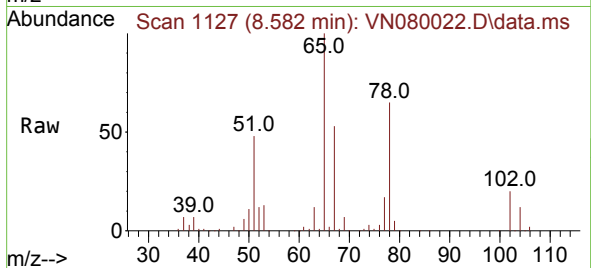
ClientSampleId :

Tgt Ion: 65 Resp: 273910

Ion Ratio Lower Upper

65 100

67 52.6 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: VN080022.D

Acq: 09 Nov 2023 15:00

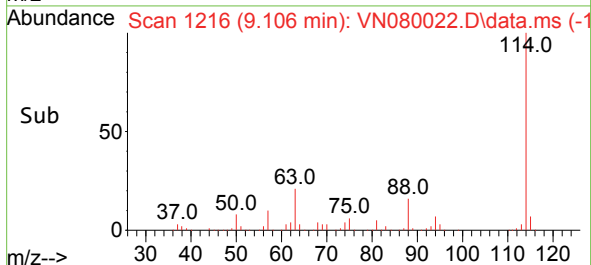
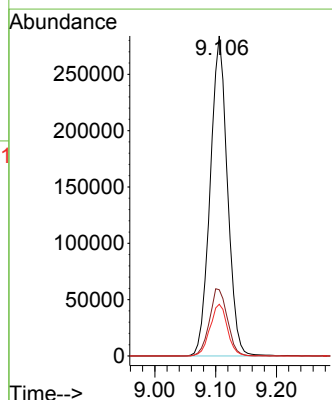
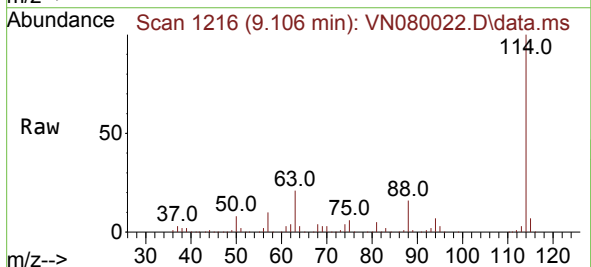
Tgt Ion: 114 Resp: 557967

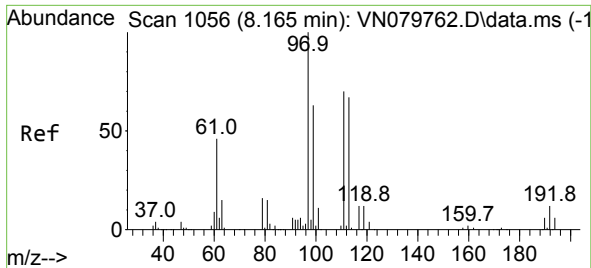
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 16.2 0.0 30.6

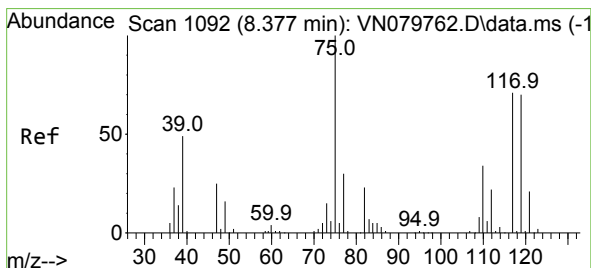
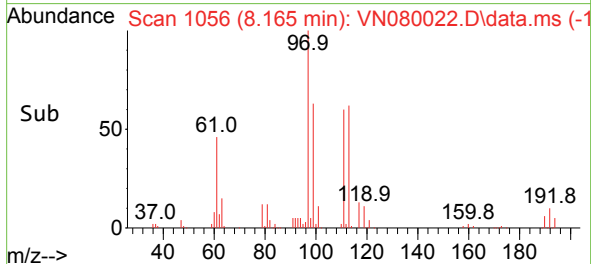
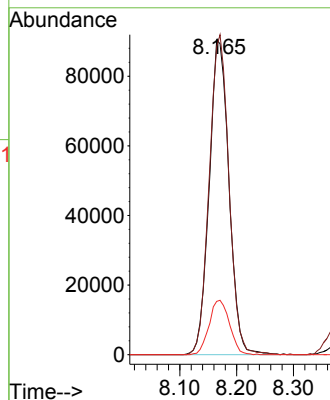
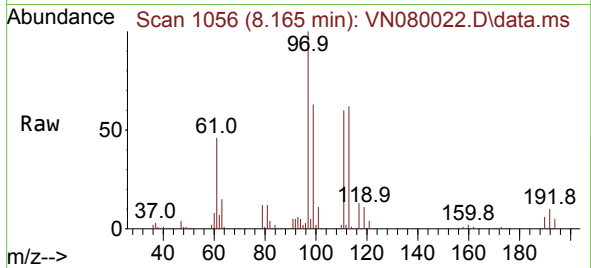




#35
Dibromofluoromethane
Concen: 55.250 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

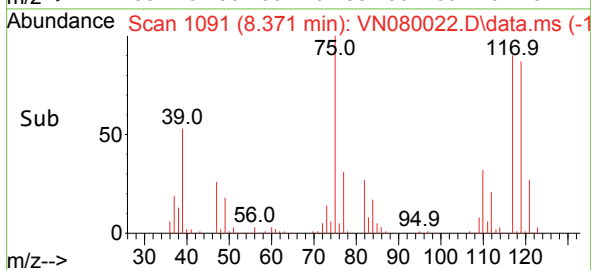
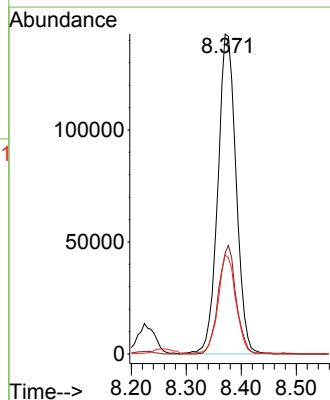
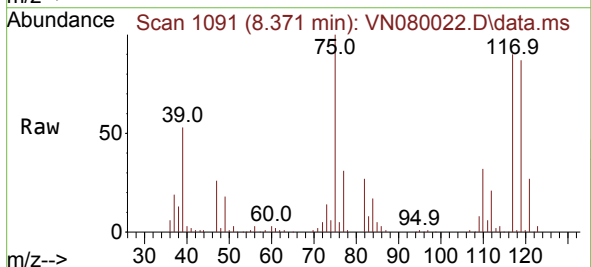
Instrument :
MSVOA_N
ClientSampleId :

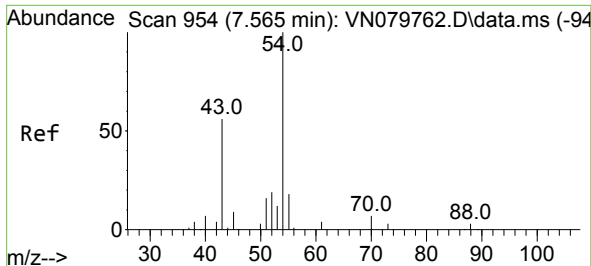
Tgt Ion:113 Resp: 218187
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 17.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 58.574 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 75 Resp: 330274
Ion Ratio Lower Upper
75 100
110 32.8 19.1 57.3
77 30.4 25.0 37.4

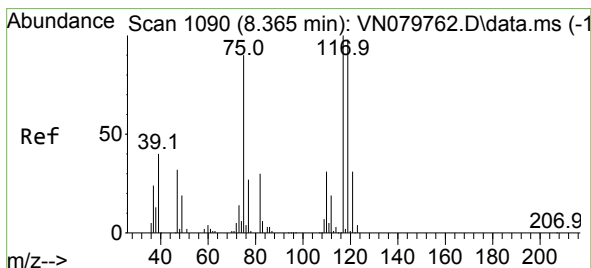
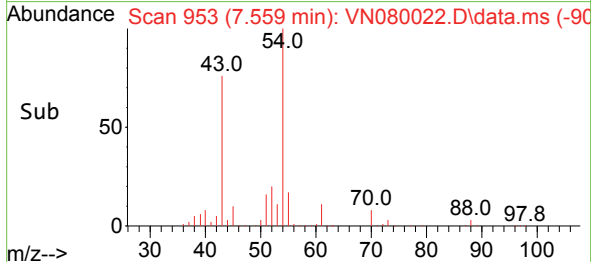
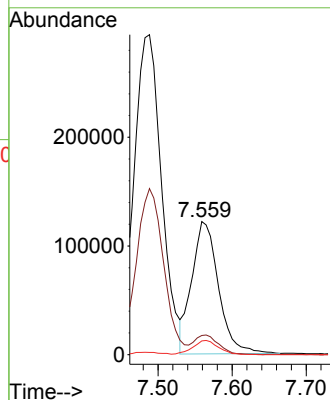
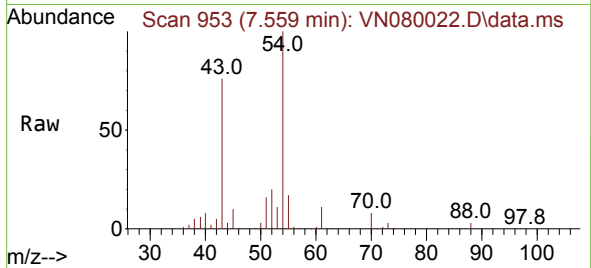




#37
Ethyl Acetate
Concen: 59.139 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

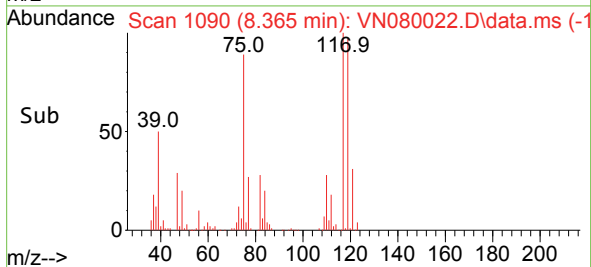
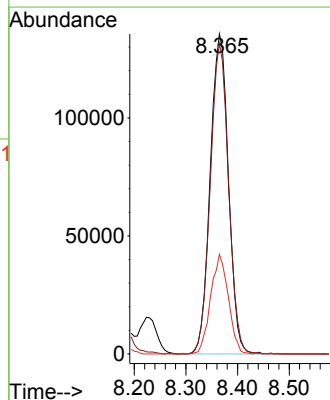
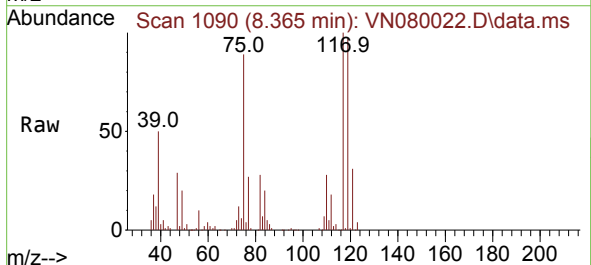
Instrument :
MSVOA_N
ClientSampleId :

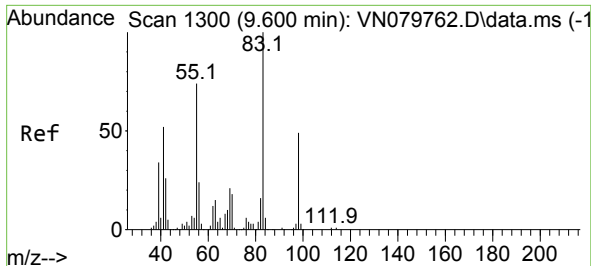
Tgt Ion: 43 Resp: 305822
Ion Ratio Lower Upper
43 100
61 13.4 13.2 19.8
70 10.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 58.450 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:117 Resp: 332152
Ion Ratio Lower Upper
117 100
119 97.1 77.3 115.9
121 31.1 23.3 34.9





#39

Methylcyclohexane

Concen: 55.098 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

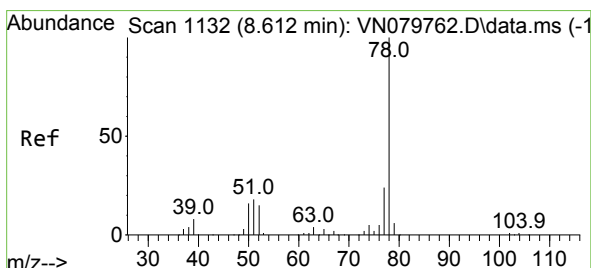
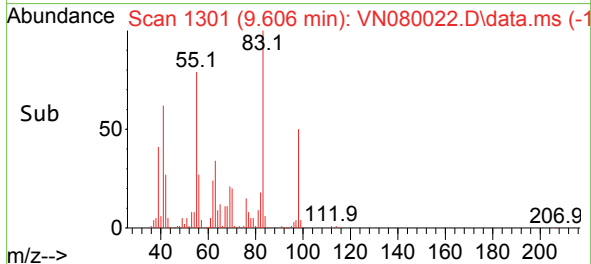
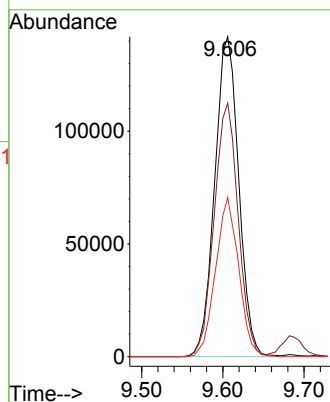
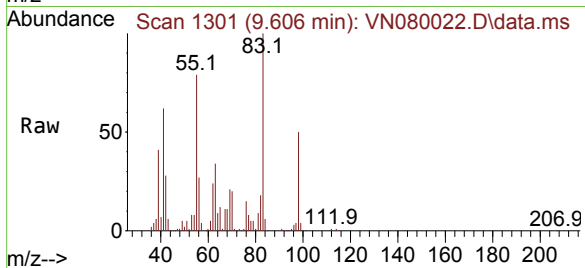
Tgt Ion: 83 Resp: 292375

Ion Ratio Lower Upper

83 100

55 79.2 49.1 73.7#

98 49.7 40.6 61.0



#40

Benzene

Concen: 57.148 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080022.D

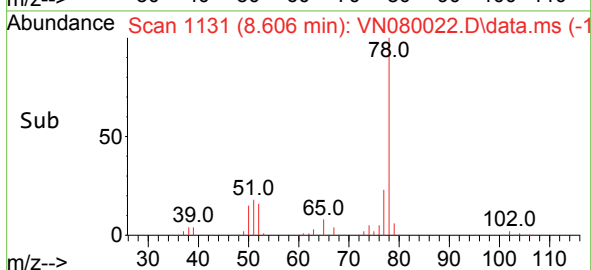
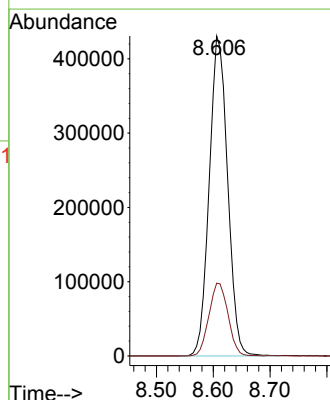
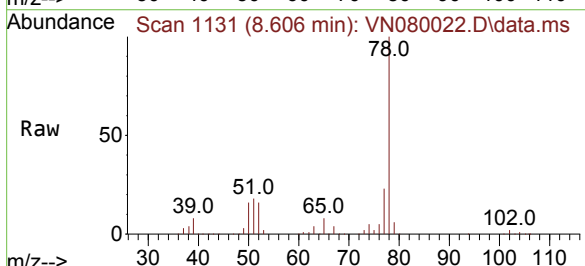
Acq: 09 Nov 2023 15:00

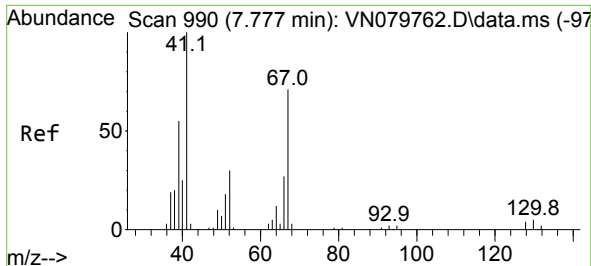
Tgt Ion: 78 Resp: 965144

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.6

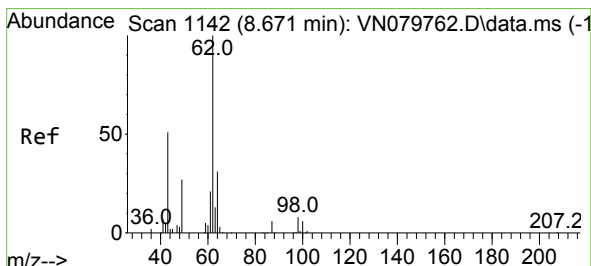
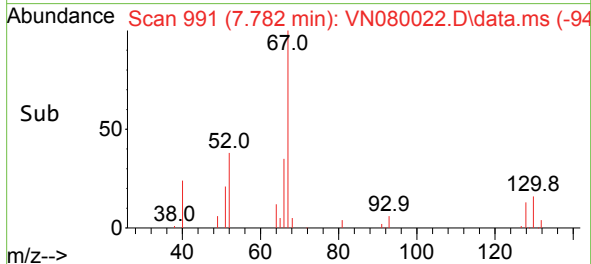
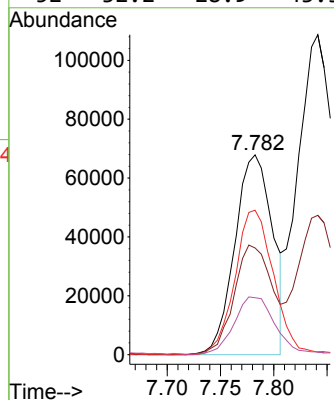
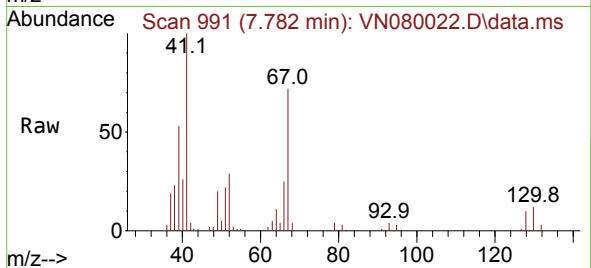




#41
Methacrylonitrile
Concen: 61.069 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

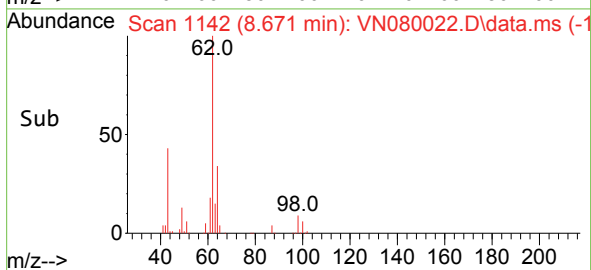
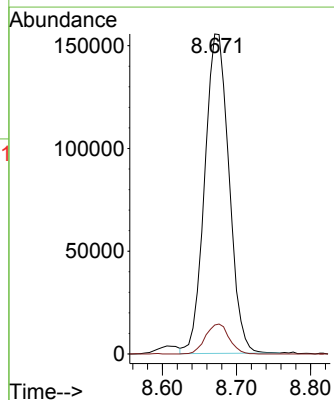
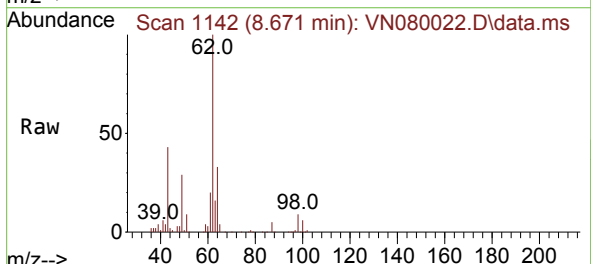
Instrument :
MSVOA_N
ClientSampleId :

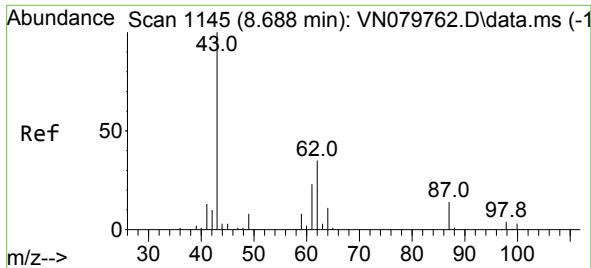
Tgt Ion: 41	Resp: 167699
Ion Ratio	Lower Upper
41 100	
39 55.1	42.6 64.0
67 74.3	77.5 116.3#
52 32.2	28.9 43.3



#42
1,2-Dichloroethane
Concen: 60.093 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 62	Resp: 354504
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 19.8

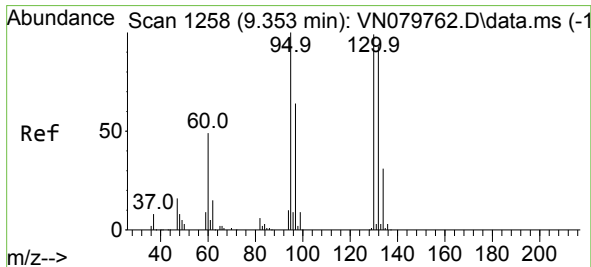
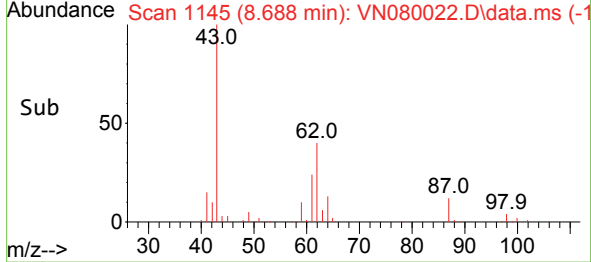
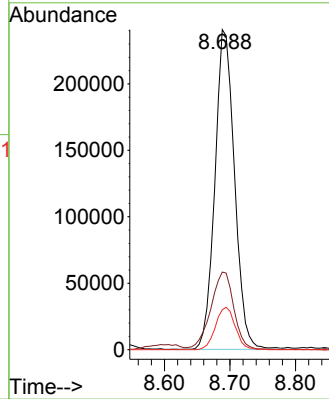
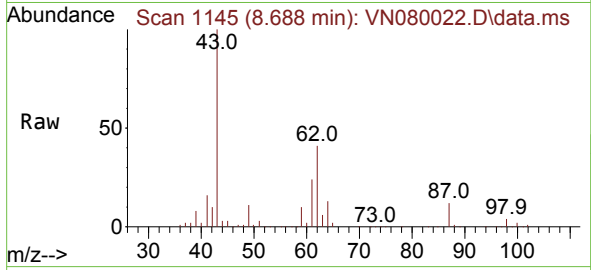




#43
Isopropyl Acetate
Concen: 55.114 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

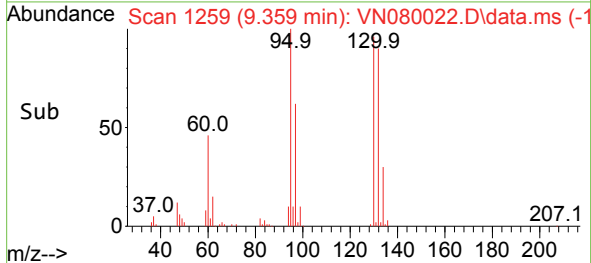
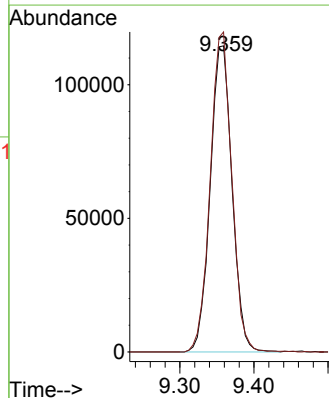
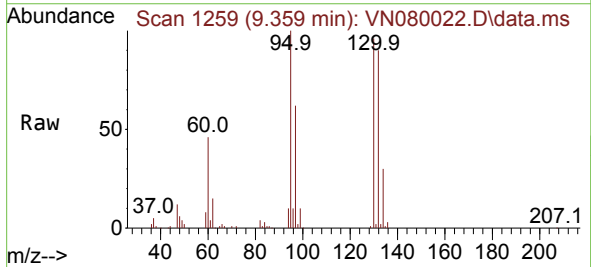
Instrument :
MSVOA_N
ClientSampleId :

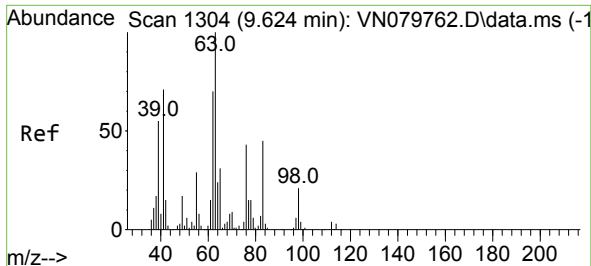
Tgt Ion: 43 Resp: 499818
Ion Ratio Lower Upper
43 100
61 28.6 24.7 37.1
87 13.3 14.6 21.8#



#44
Trichloroethene
Concen: 55.912 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:130 Resp: 234314
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 60.989 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

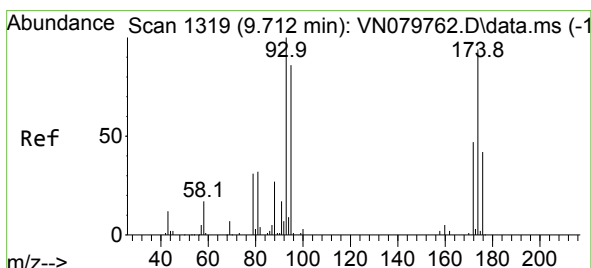
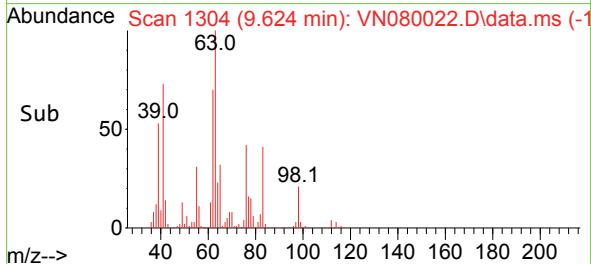
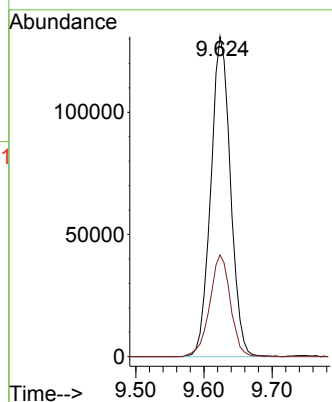
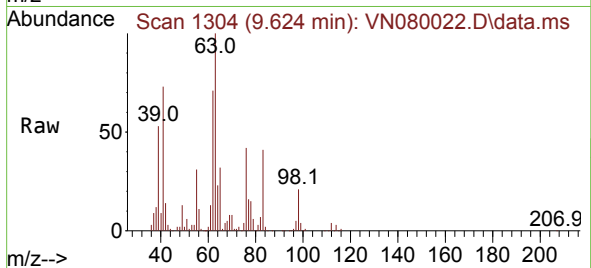
ClientSampleId :

Tgt Ion: 63 Resp: 263226

Ion Ratio Lower Upper

63 100

65 31.8 23.9 35.9



#46

Dibromomethane

Concen: 57.746 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

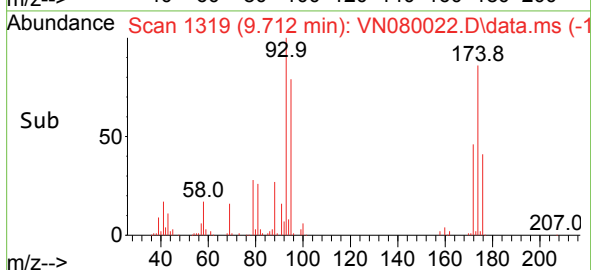
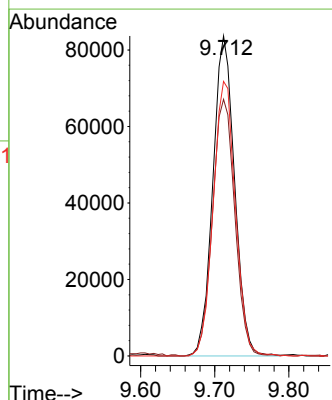
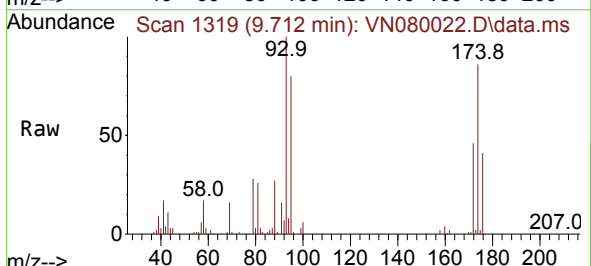
Tgt Ion: 93 Resp: 170176

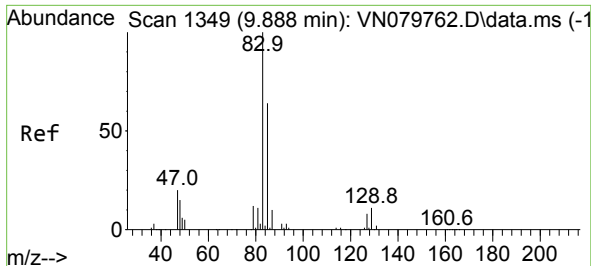
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 87.9 65.6 98.4

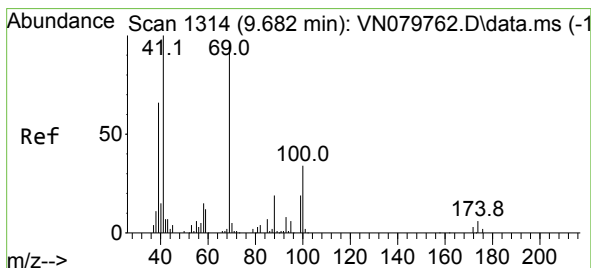
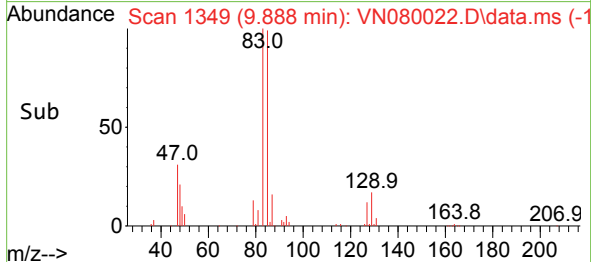
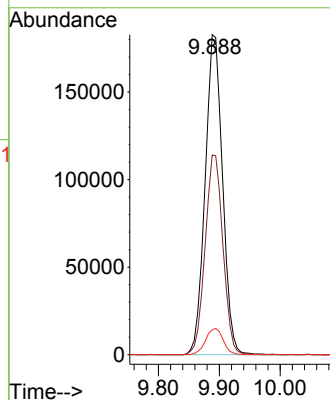
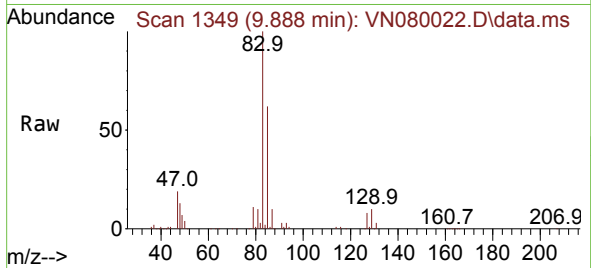




#47
Bromodichloromethane
Concen: 57.919 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

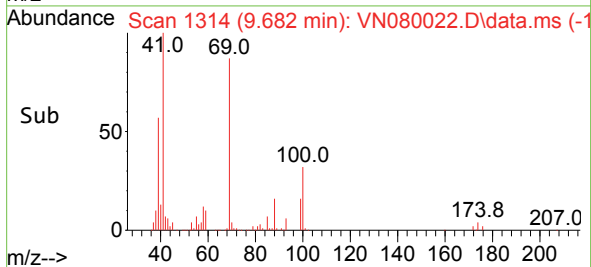
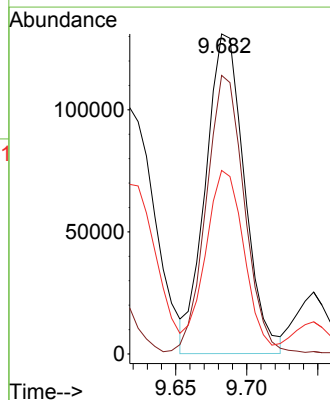
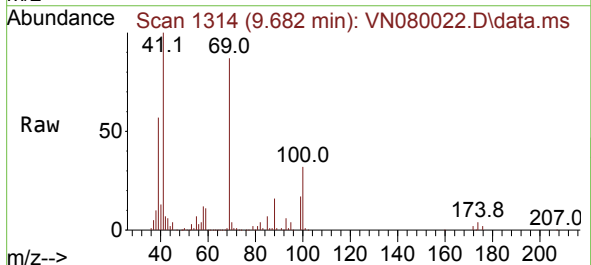
Instrument :
MSVOA_N
ClientSampleId :

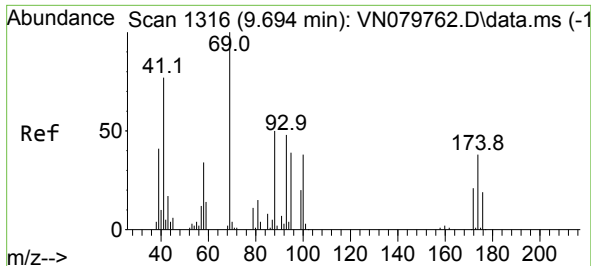
Tgt Ion: 83 Resp: 364017
Ion Ratio Lower Upper
83 100
85 62.4 49.6 74.4
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 62.743 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 41 Resp: 249230
Ion Ratio Lower Upper
41 100
69 85.4 90.4 135.6#
39 57.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1123.215 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

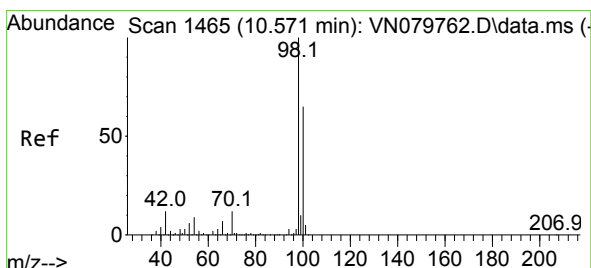
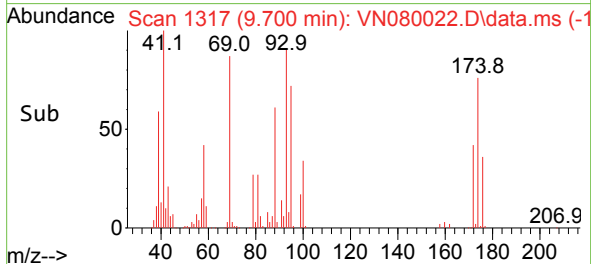
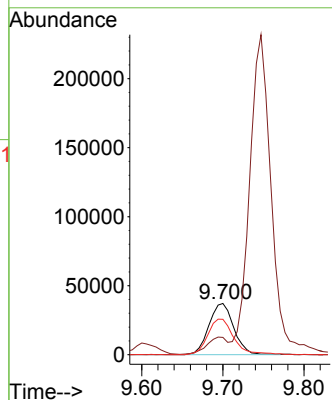
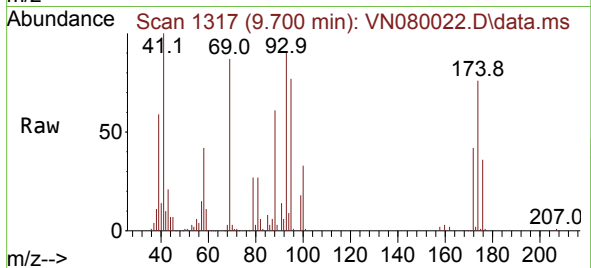
Tgt Ion: 88 Resp: 78838

Ion Ratio Lower Upper

88 100

43 27.4 17.0 25.6#

58 73.1 47.0 70.4#



#50

Toluene-d8

Concen: 54.391 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080022.D

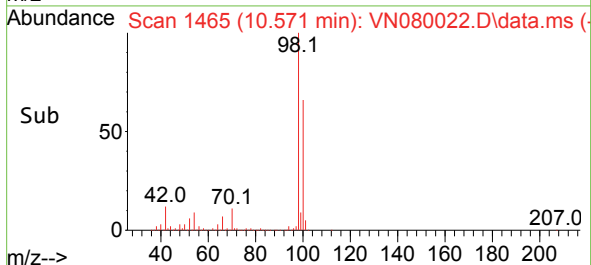
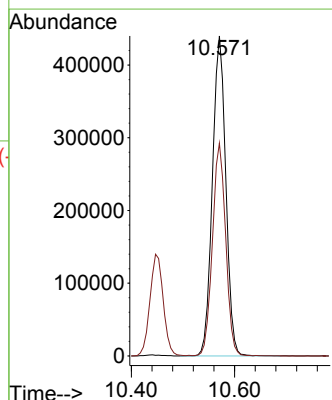
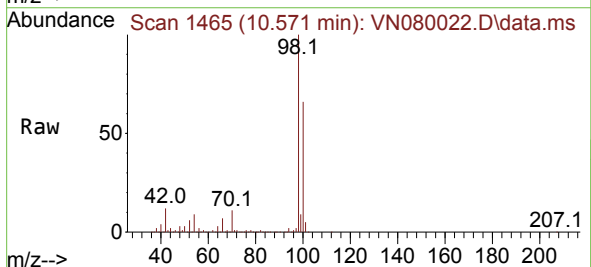
Acq: 09 Nov 2023 15:00

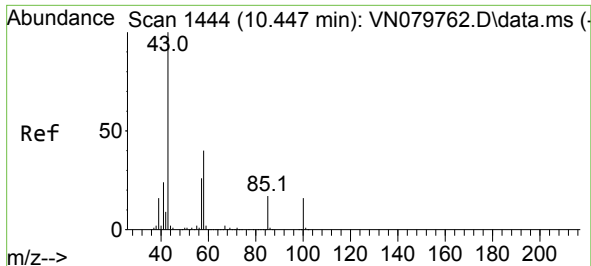
Tgt Ion: 98 Resp: 790735

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

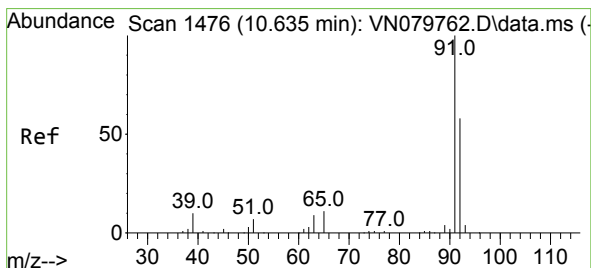
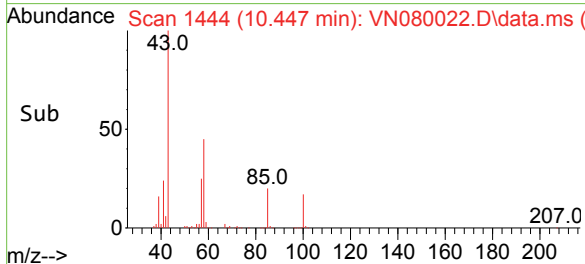
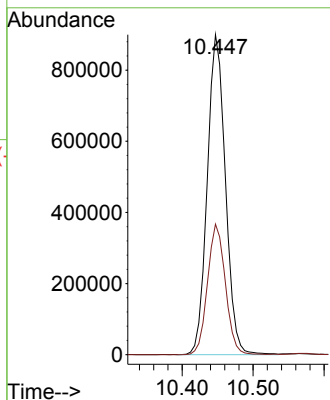
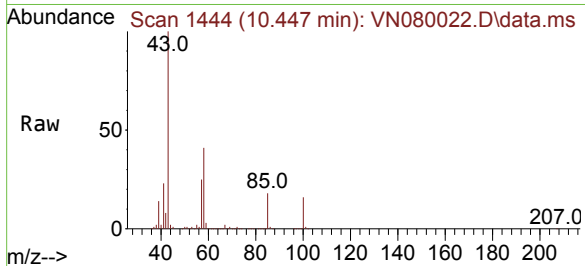




#51
4-Methyl-2-Pentanone
Concen: 313.102 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

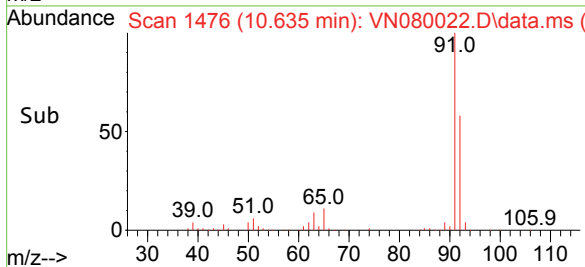
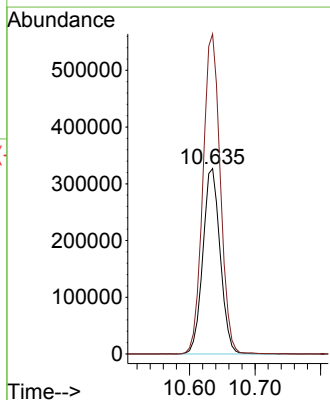
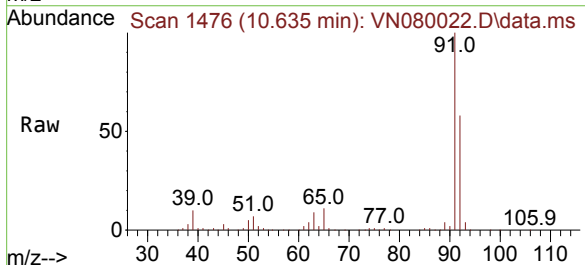
Instrument :
MSVOA_N
ClientSampleId :

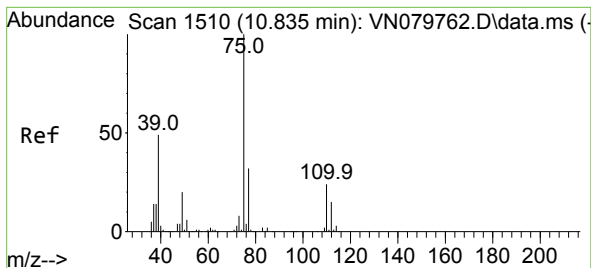
Tgt Ion: 43 Resp: 1598597
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8



#52
Toluene
Concen: 59.968 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 92 Resp: 600409
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0

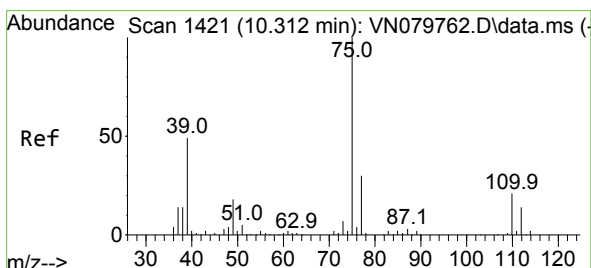
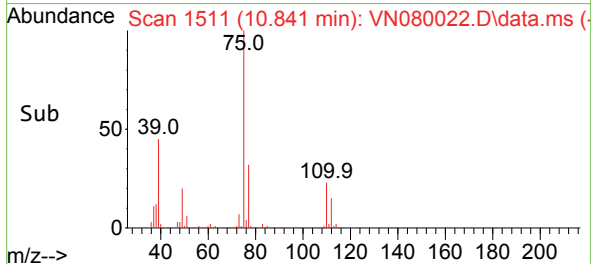
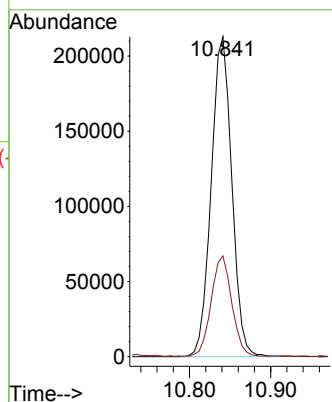
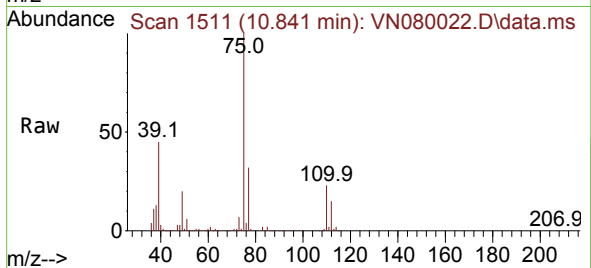




#53
 t-1,3-Dichloropropene
 Concen: 60.881 ug/l
 RT: 10.841 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

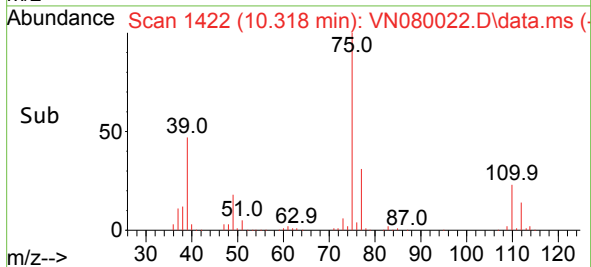
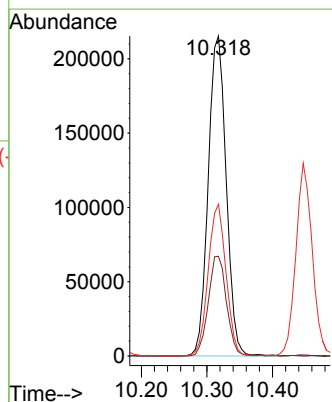
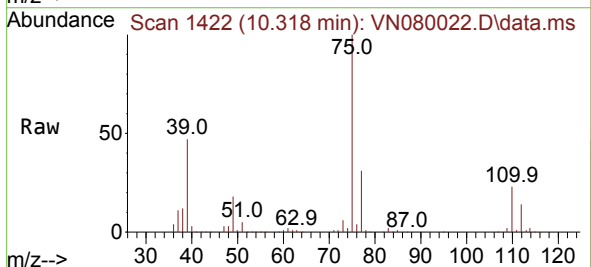
Instrument :
 MSVOA_N
 ClientSampleId :

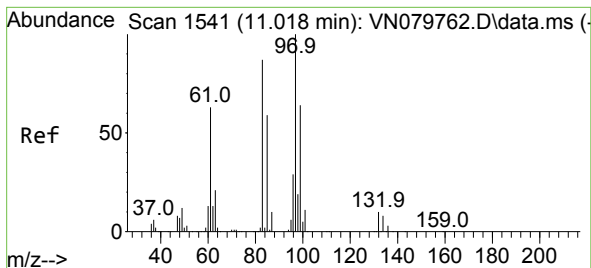
Tgt Ion: 75 Resp: 375105
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 61.082 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion: 75 Resp: 410207
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 47.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 61.212 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 246506

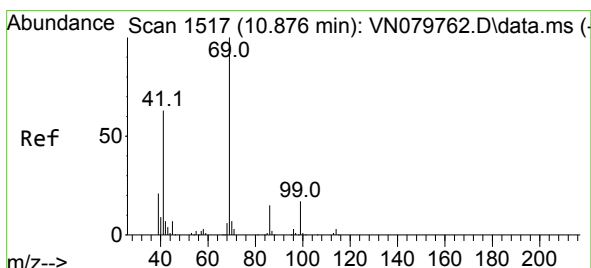
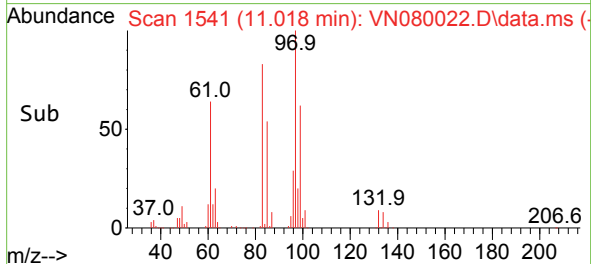
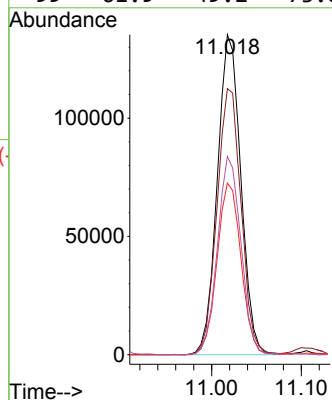
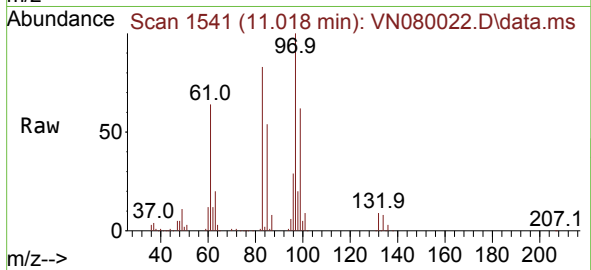
Ion Ratio Lower Upper

97 100

83 83.2 65.1 97.7

85 53.7 43.4 65.2

99 61.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 63.625 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

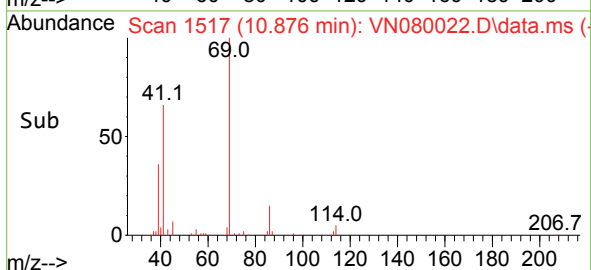
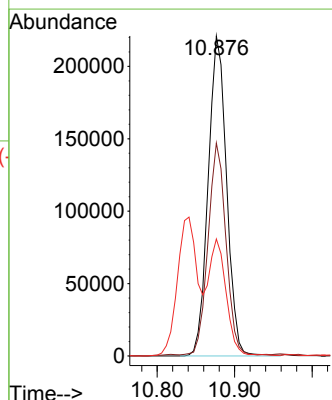
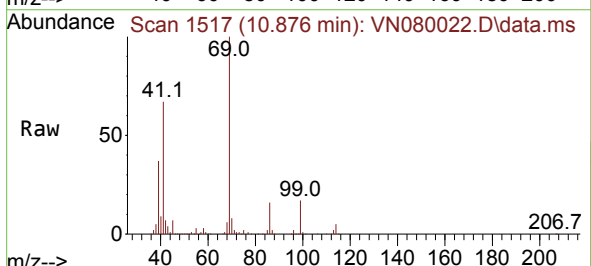
Tgt Ion: 69 Resp: 365476

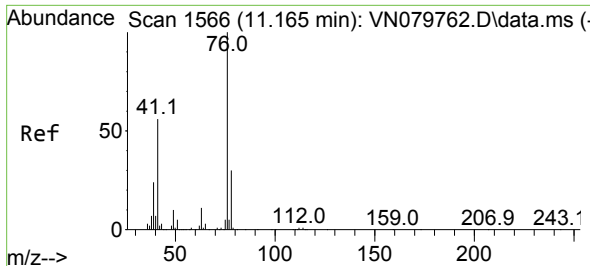
Ion Ratio Lower Upper

69 100

41 64.0 39.6 59.4#

39 34.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 60.984 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

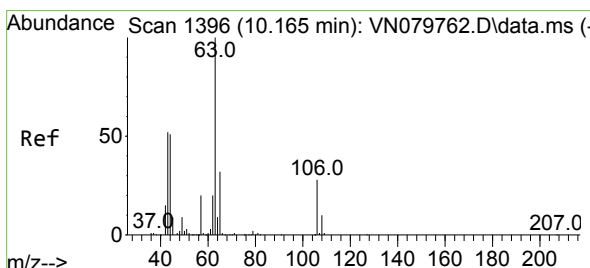
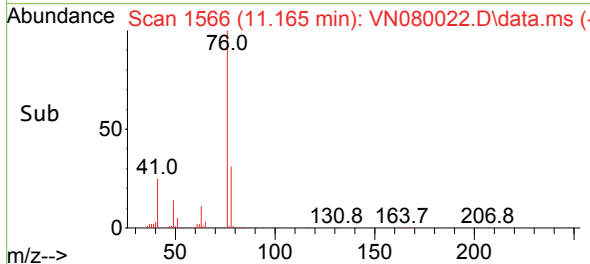
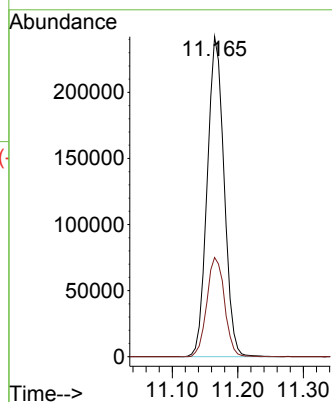
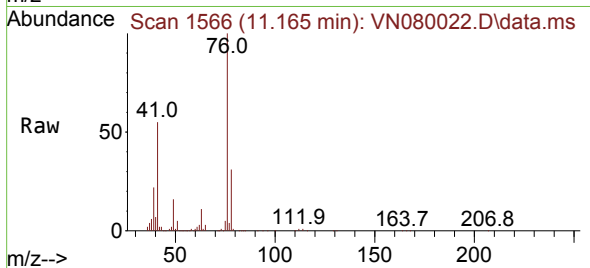
ClientSampleId :

Tgt Ion: 76 Resp: 432886

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 246.021 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN080022.D

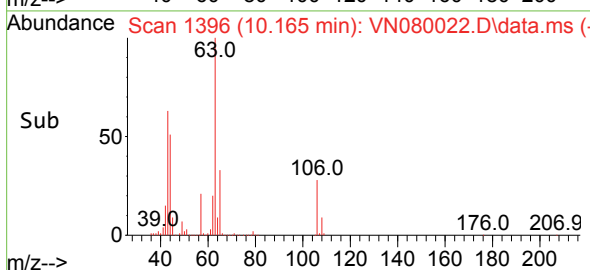
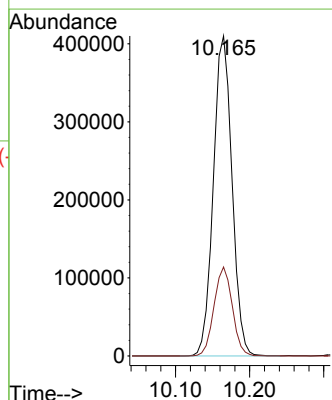
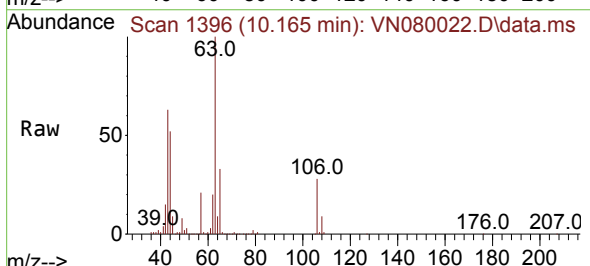
Acq: 09 Nov 2023 15:00

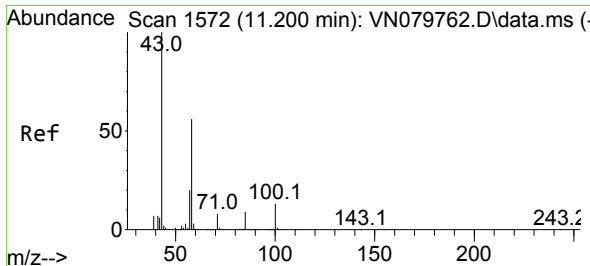
Tgt Ion: 63 Resp: 716257

Ion Ratio Lower Upper

63 100

106 27.3 26.2 39.4

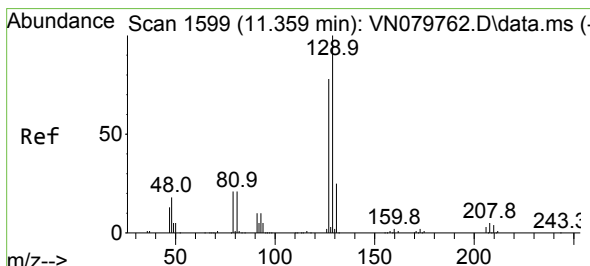
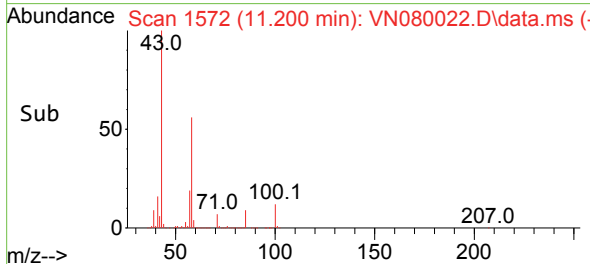
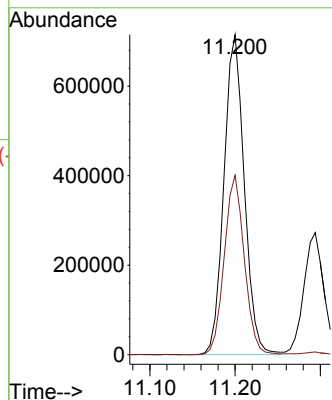
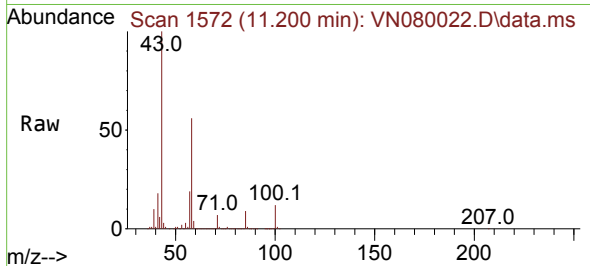




#59
2-Hexanone
Concen: 303.652 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

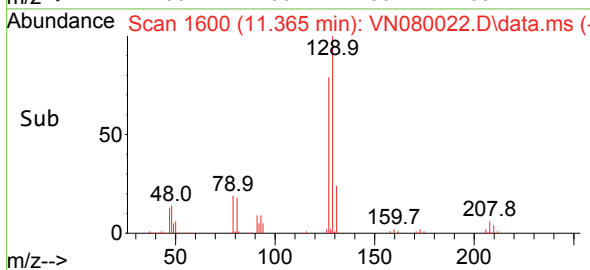
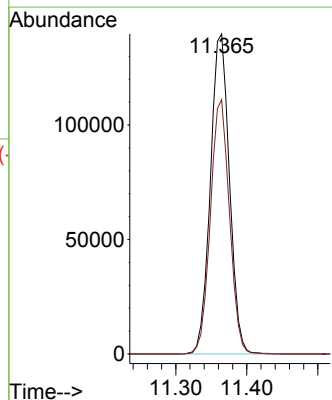
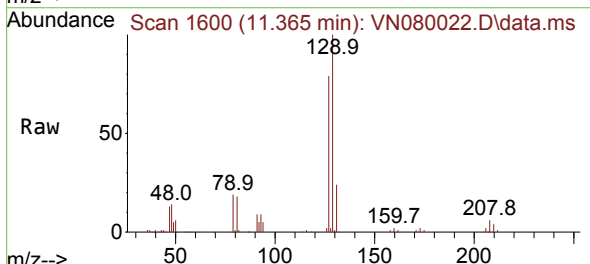
Instrument :
MSVOA_N
ClientSampleId :

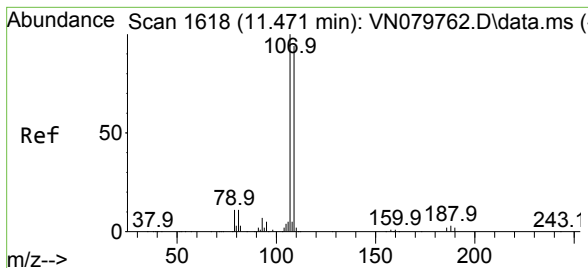
Tgt Ion: 43 Resp: 1186014
Ion Ratio Lower Upper
43 100
58 55.3 31.7 95.1



#60
Dibromochloromethane
Concen: 60.323 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 129 Resp: 260029
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0

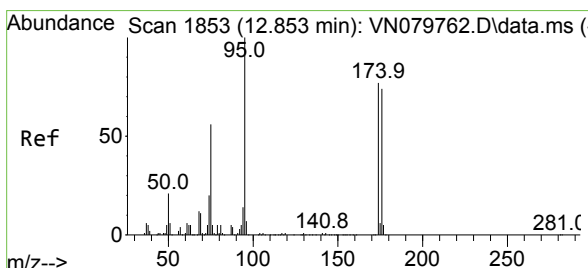
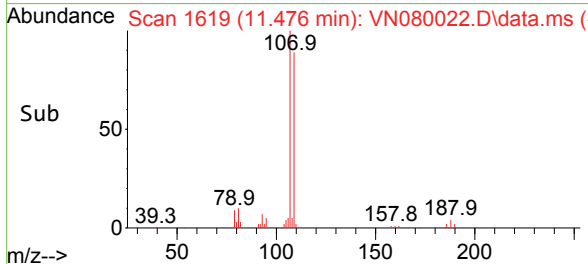
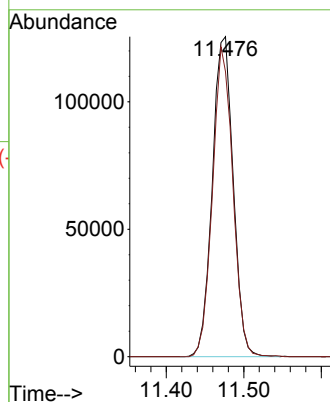
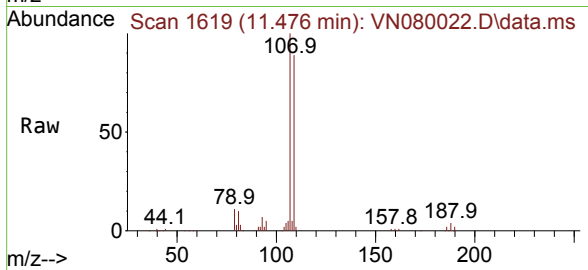




#61
1,2-Dibromoethane
Concen: 58.131 ug/l
RT: 11.476 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

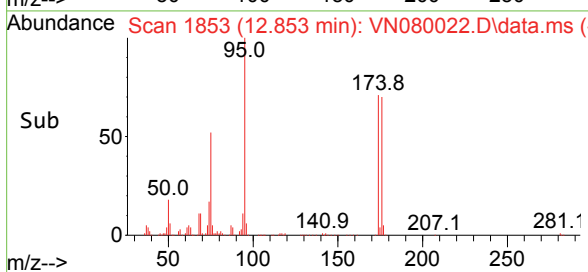
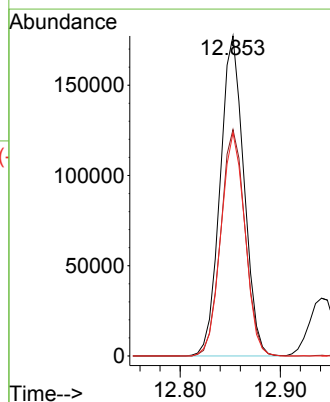
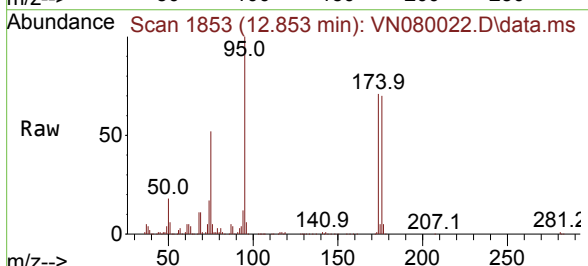
Instrument :
MSVOA_N
ClientSampleId :

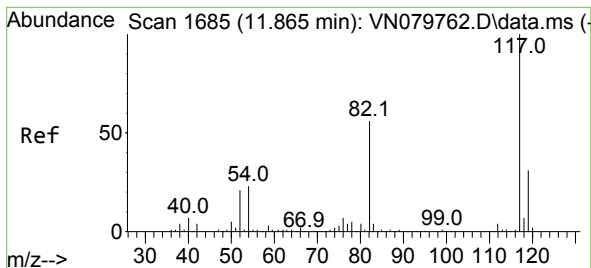
Tgt Ion:107 Resp: 234962
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 60.602 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 95 Resp: 292192
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 70.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

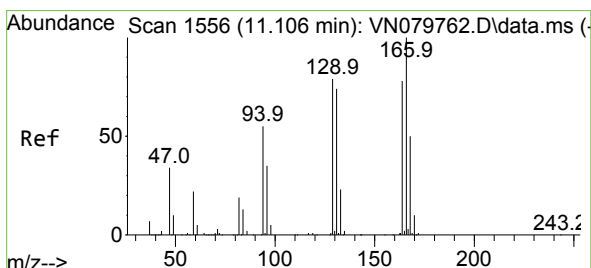
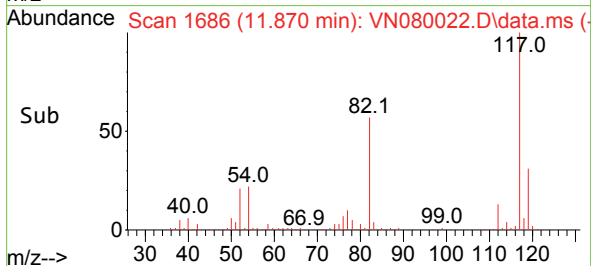
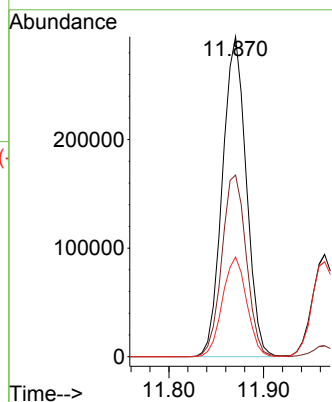
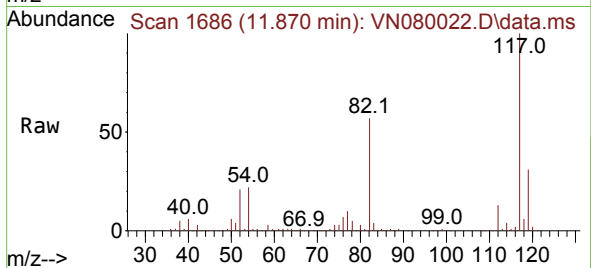
Tgt Ion:117 Resp: 515662

Ion Ratio Lower Upper

117 100

82 56.8 44.0 66.0

119 31.2 25.6 38.4



#64

Tetrachloroethene

Concen: 63.034 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Tgt Ion:164 Resp: 210515

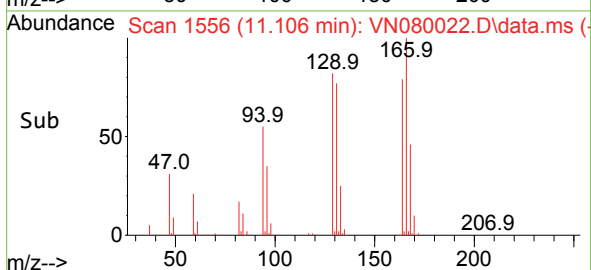
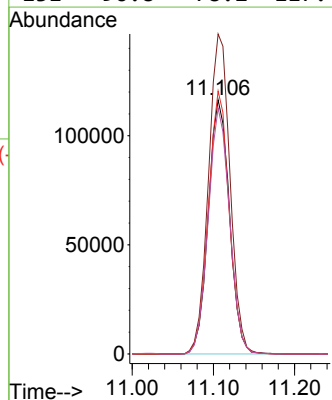
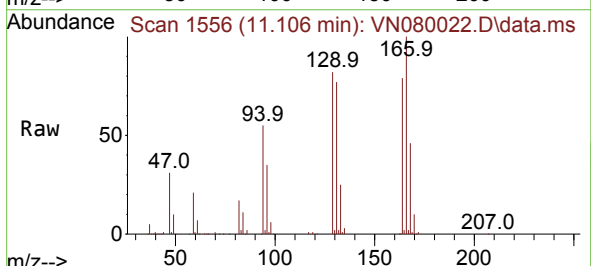
Ion Ratio Lower Upper

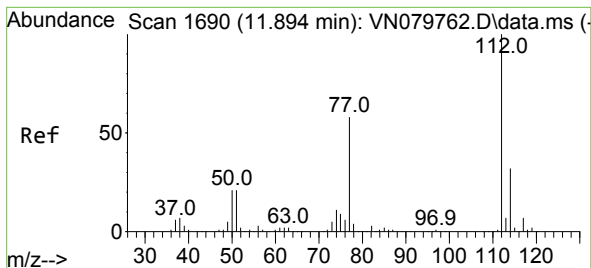
164 100

166 126.0 101.4 152.0

129 103.5 82.4 123.6

131 96.8 78.2 117.4





#65

Chlorobenzene

Concen: 56.995 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

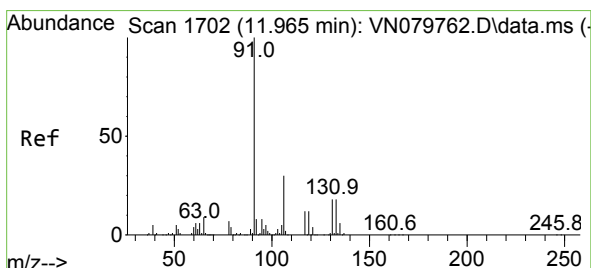
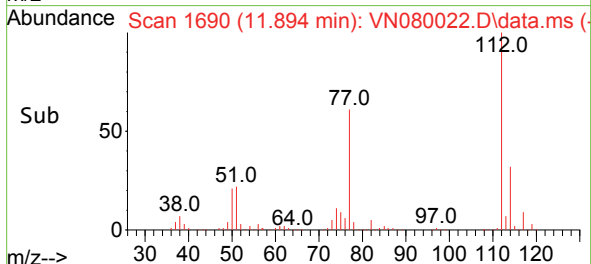
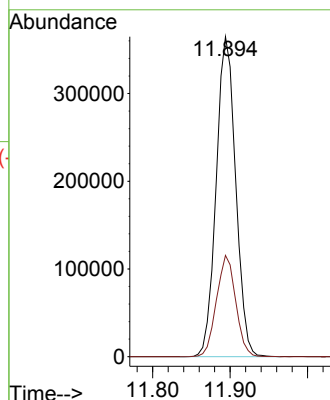
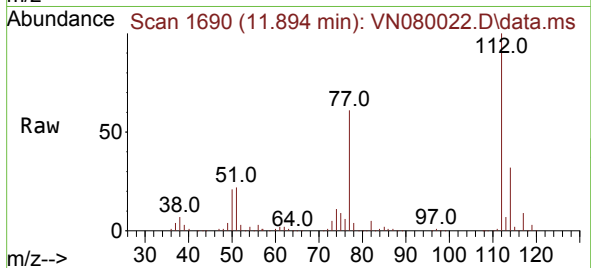
ClientSampleId :

Tgt Ion:112 Resp: 637524

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 60.424 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

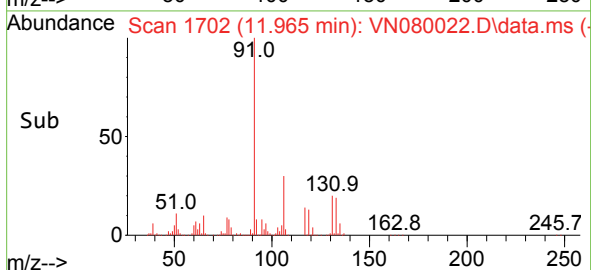
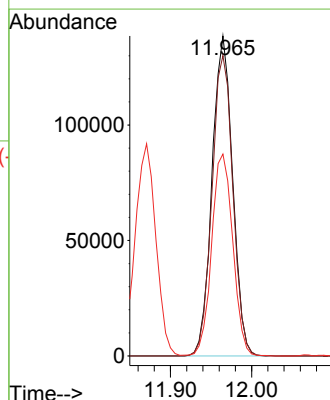
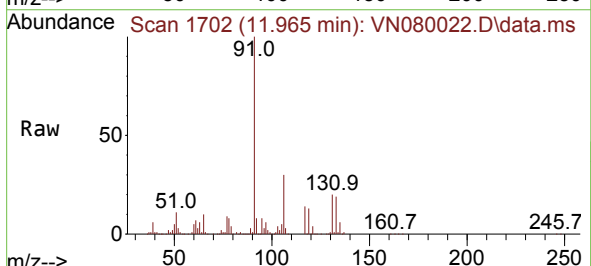
Tgt Ion:131 Resp: 243515

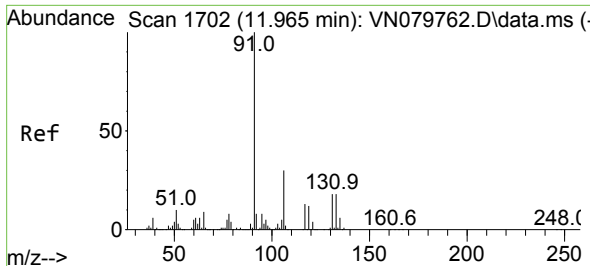
Ion Ratio Lower Upper

131 100

133 95.6 46.4 139.1

119 64.9 34.1 102.2





#67

Ethyl Benzene

Concen: 59.631 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

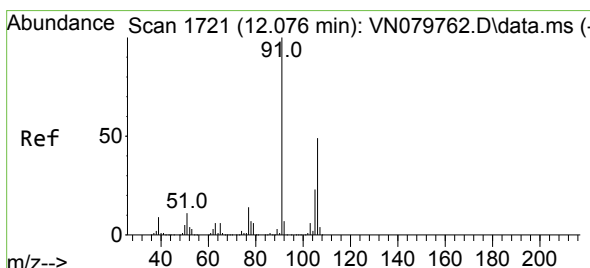
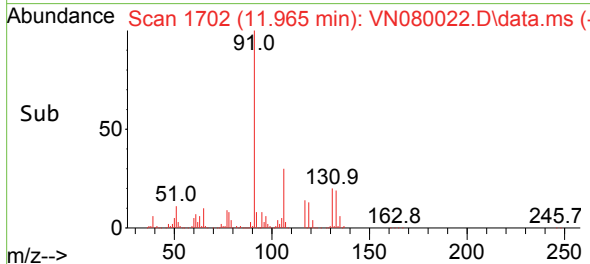
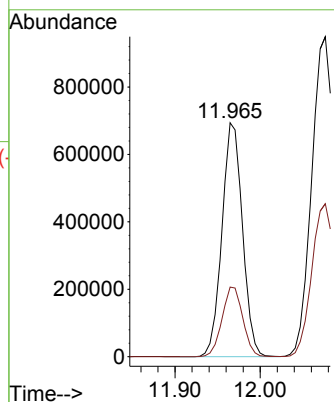
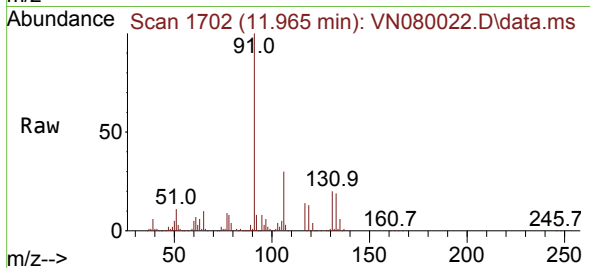
ClientSampleId :

Tgt Ion: 91 Resp: 1162107

Ion Ratio Lower Upper

91 100

106 29.8 25.6 38.4



#68

m/p-Xylenes

Concen: 120.450 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080022.D

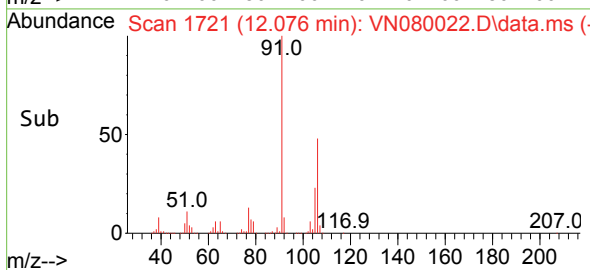
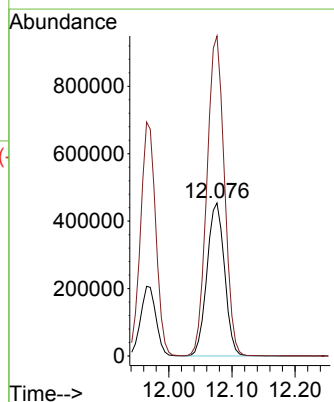
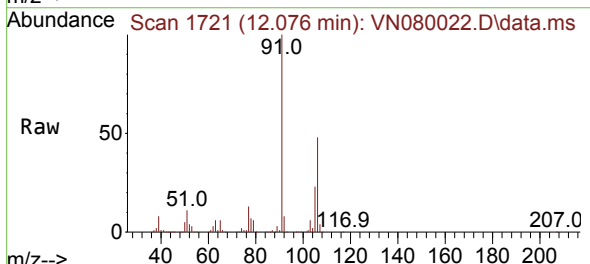
Acq: 09 Nov 2023 15:00

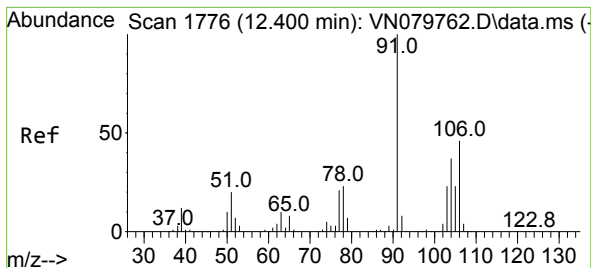
Tgt Ion:106 Resp: 874433

Ion Ratio Lower Upper

106 100

91 207.9 159.6 239.4

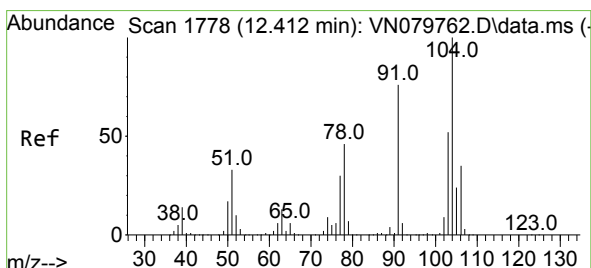
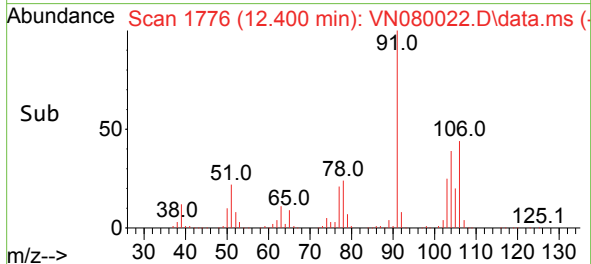
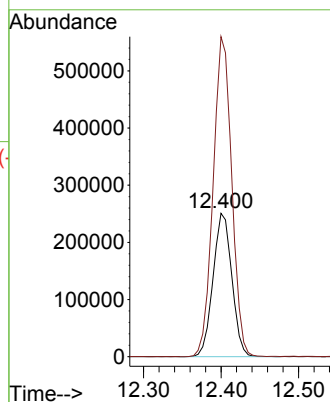
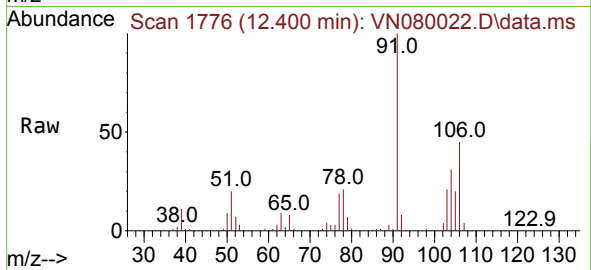




#69
o-Xylene
Concen: 60.420 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

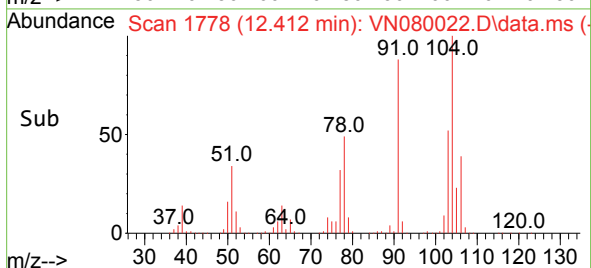
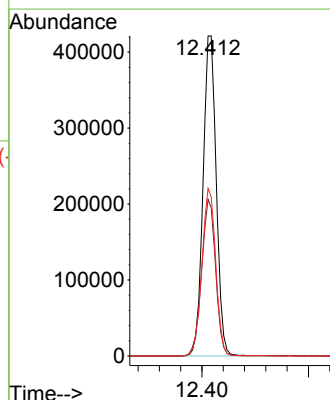
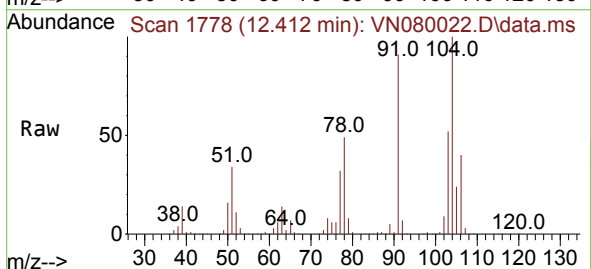
Instrument :
MSVOA_N
ClientSampleId :

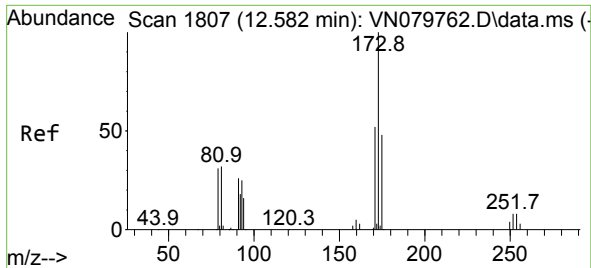
Tgt Ion:106 Resp: 422380
Ion Ratio Lower Upper
106 100
91 221.1 105.2 315.5



#70
Styrene
Concen: 64.496 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:104 Resp: 724596
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 54.8 43.2 64.8

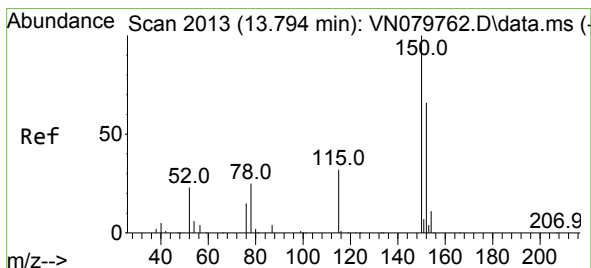
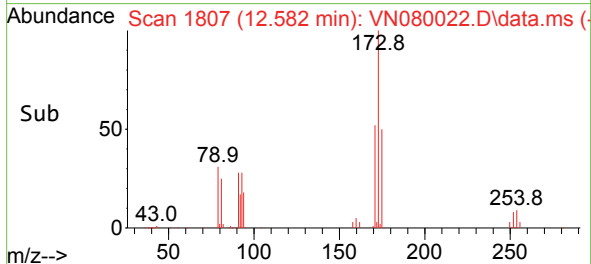
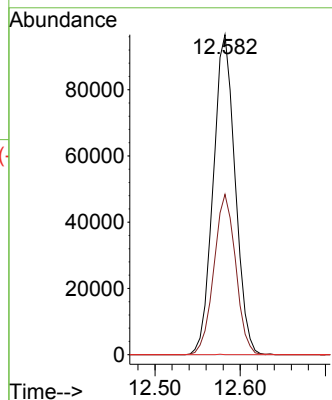
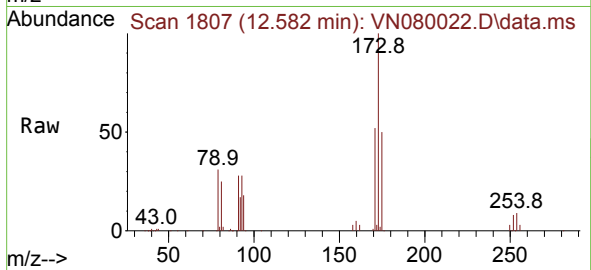




#71
Bromoform
Concen: 60.204 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

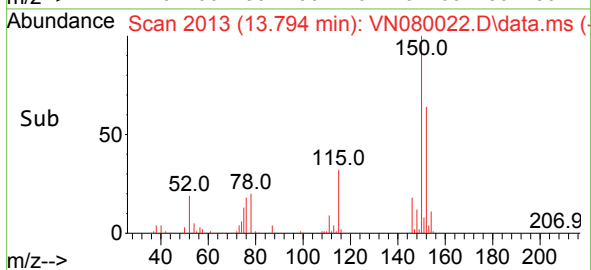
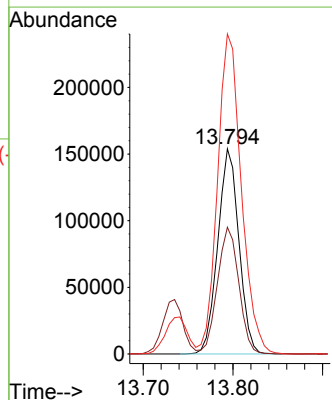
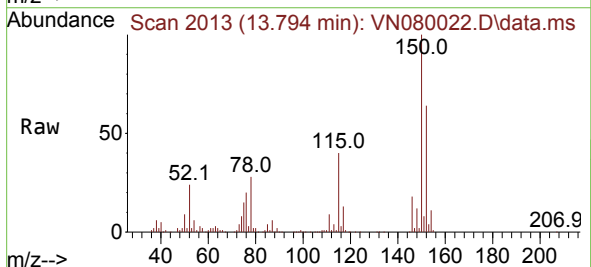
Instrument :
MSVOA_N
ClientSampleId :

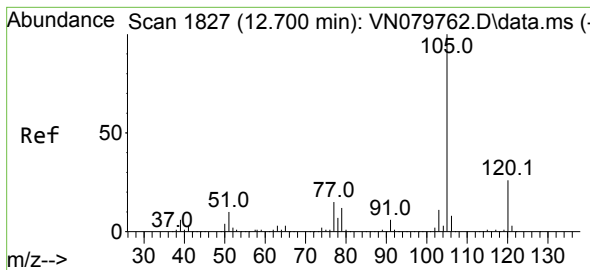
Tgt Ion:173 Resp: 172285
Ion Ratio Lower Upper
173 100
175 49.9 24.3 73.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:152 Resp: 251284
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 175.8 0.0 355.8





#73

Isopropylbenzene

Concen: 55.245 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

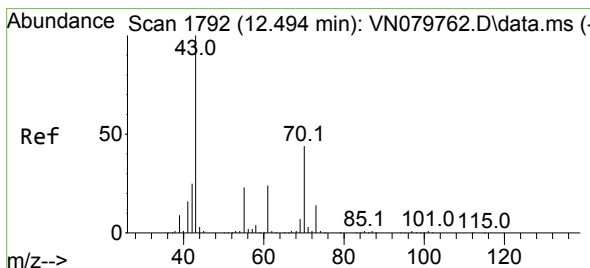
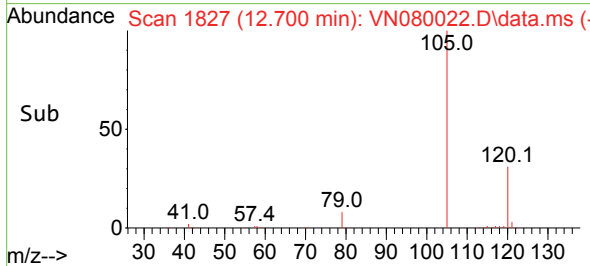
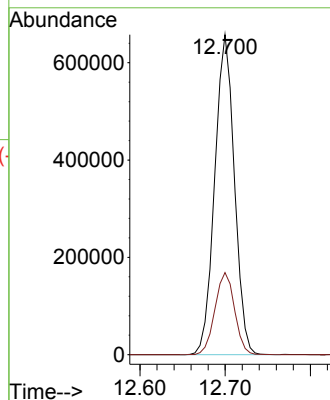
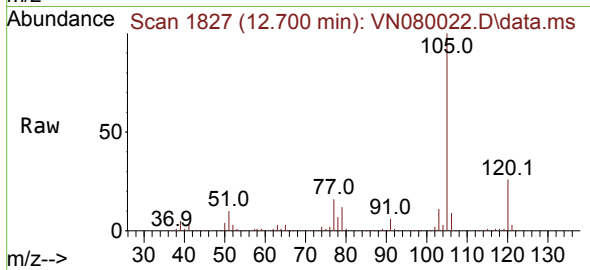
ClientSampleId :

Tgt Ion:105 Resp: 1053572

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#74

N-ethyl acetate

Concen: 51.413 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Tgt Ion: 43 Resp: 427975

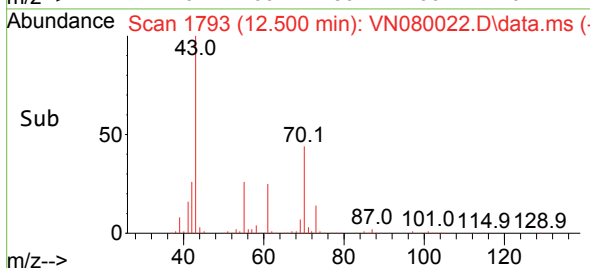
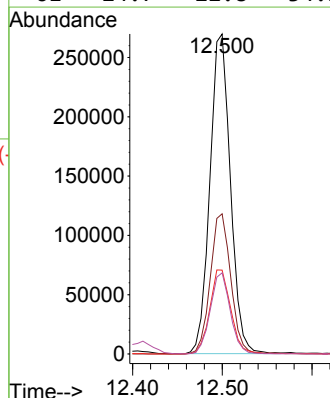
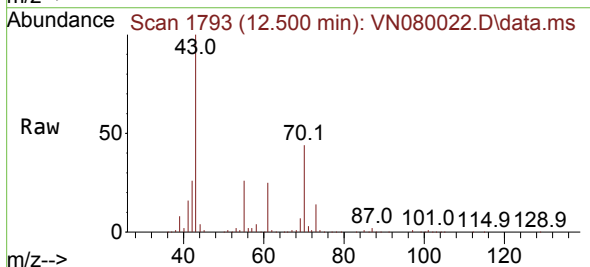
Ion Ratio Lower Upper

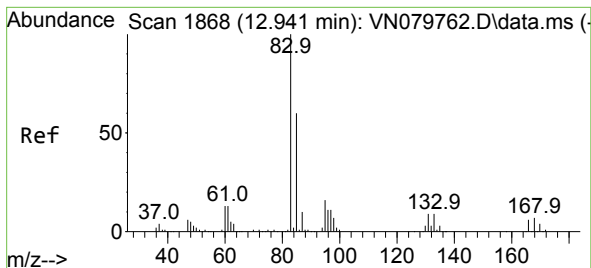
43 100

70 43.8 43.4 65.2

55 27.3 21.4 32.0

61 24.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.750 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

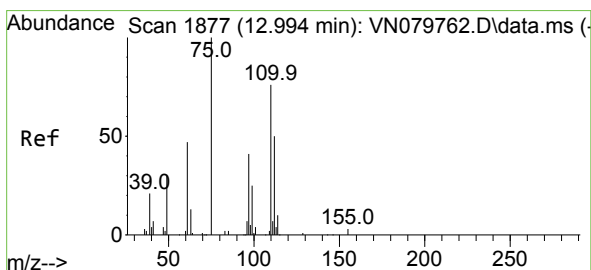
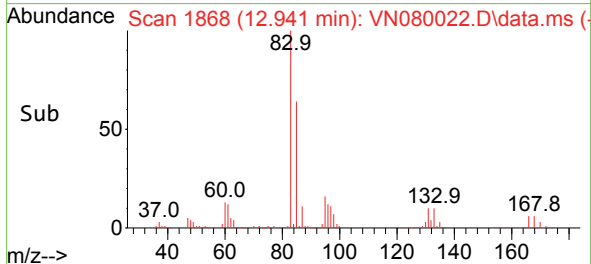
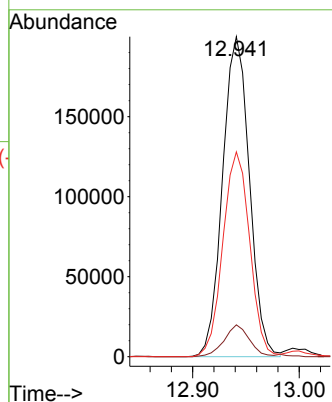
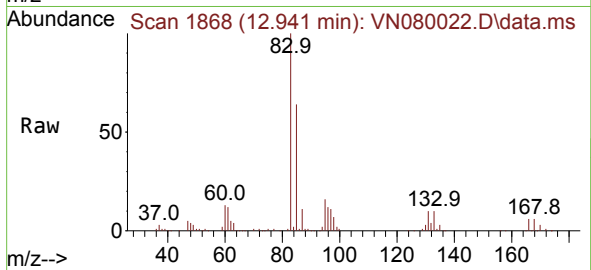
Tgt Ion: 83 Resp: 349921

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 76.857 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN080022.D

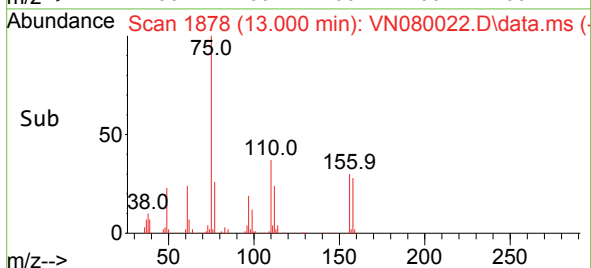
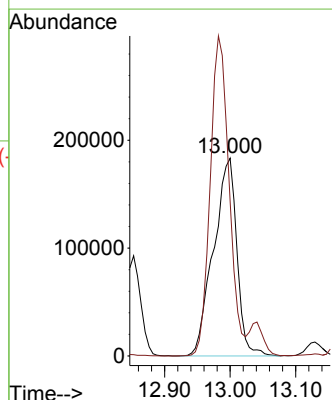
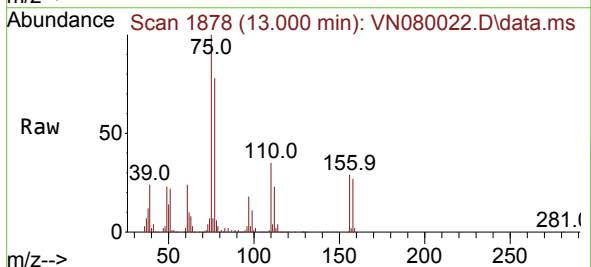
Acq: 09 Nov 2023 15:00

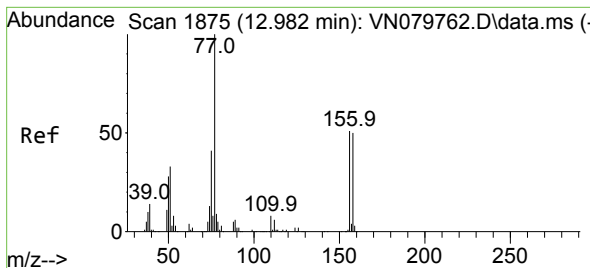
Tgt Ion: 75 Resp: 453412

Ion Ratio Lower Upper

75 100

77 131.0 84.5 253.5





#77

Bromobenzene

Concen: 54.856 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

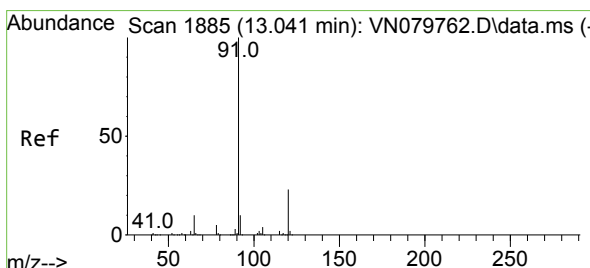
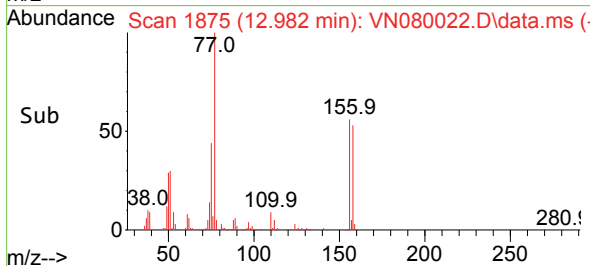
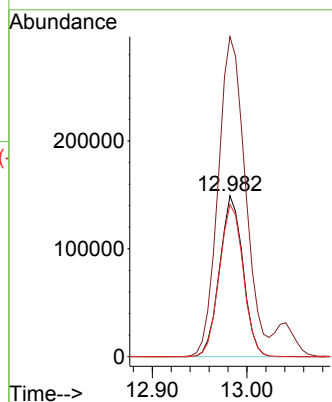
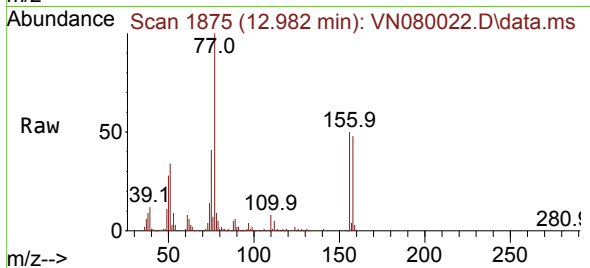
Tgt Ion:156 Resp: 256128

Ion Ratio Lower Upper

156 100

77 231.9 107.7 323.3

158 96.5 48.4 145.3



#78

n-propylbenzene

Concen: 58.003 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN080022.D

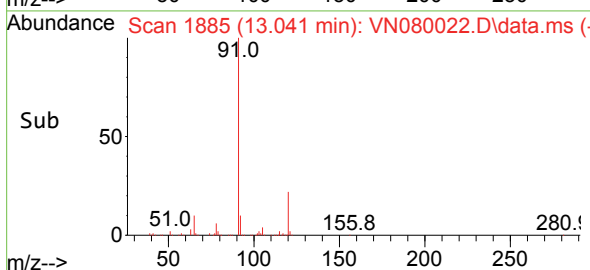
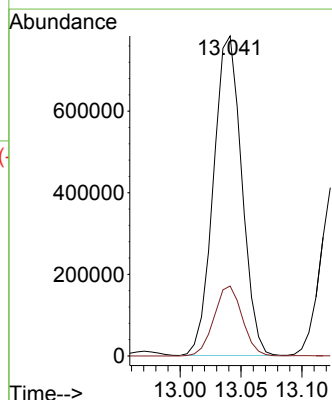
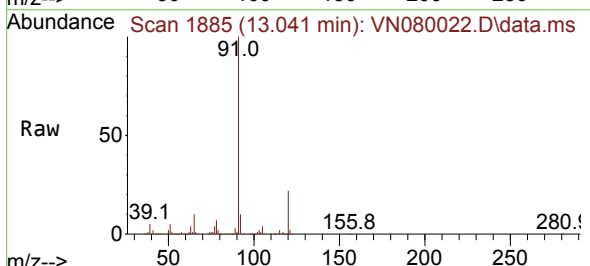
Acq: 09 Nov 2023 15:00

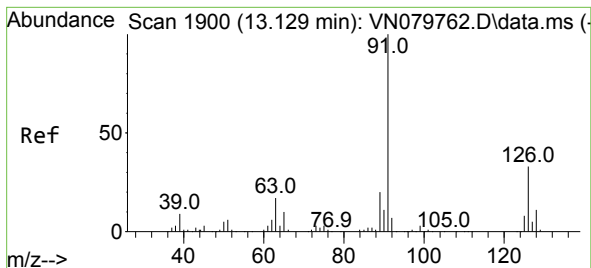
Tgt Ion: 91 Resp: 1266744

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 56.324 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

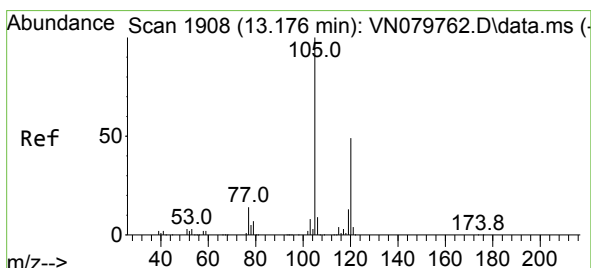
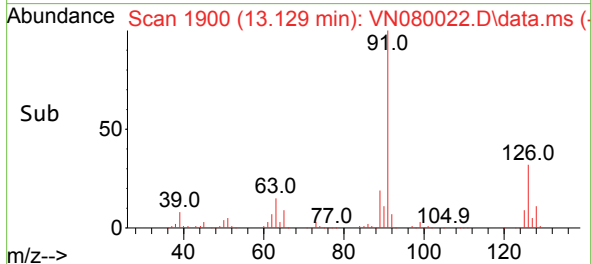
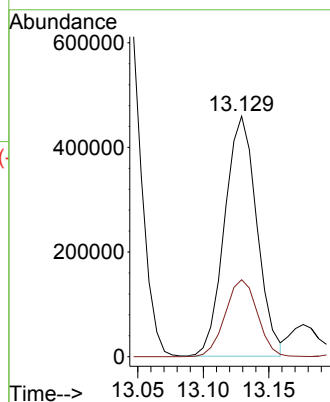
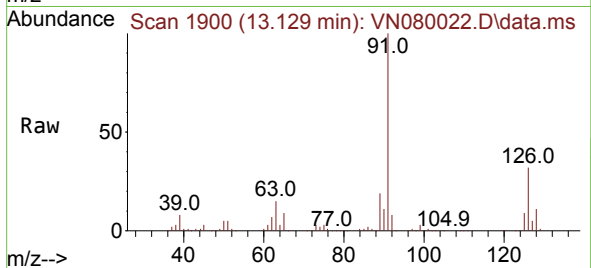
ClientSampleId :

Tgt Ion: 91 Resp: 785800

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 59.702 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080022.D

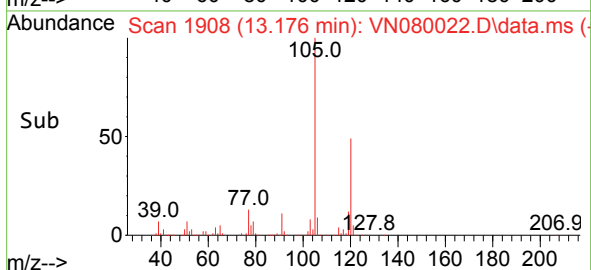
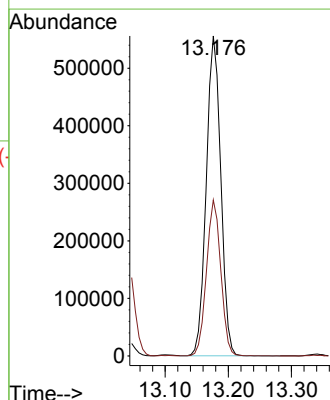
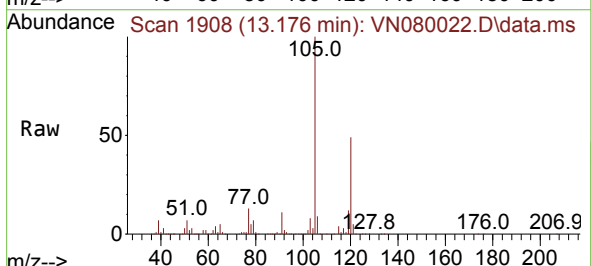
Acq: 09 Nov 2023 15:00

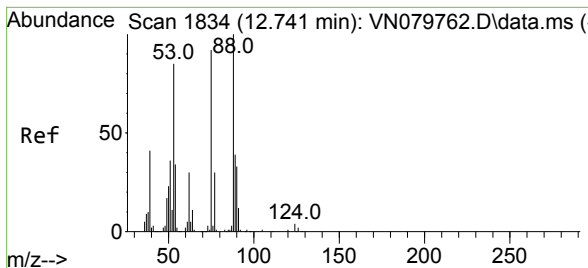
Tgt Ion: 105 Resp: 885841

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3

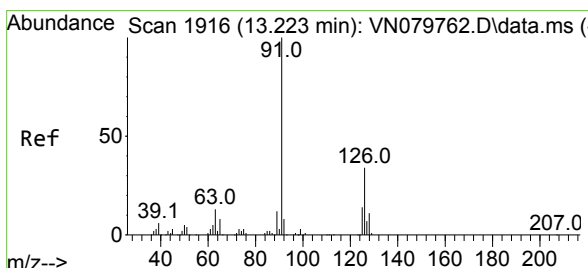
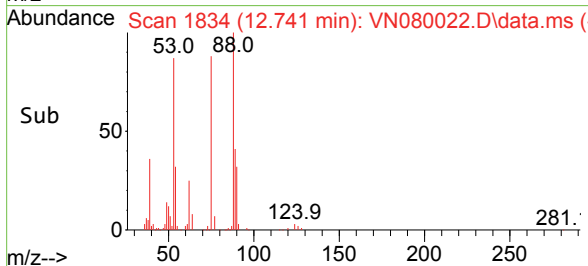
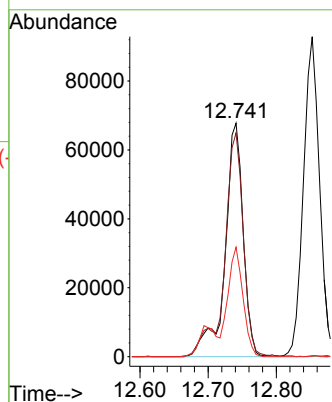
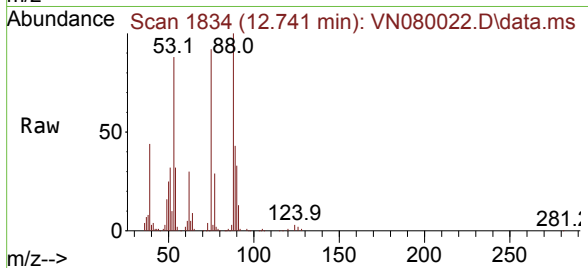




#81
trans-1,4-Dichloro-2-butene
Concen: 58.150 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

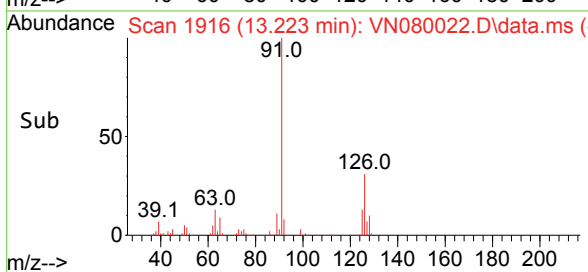
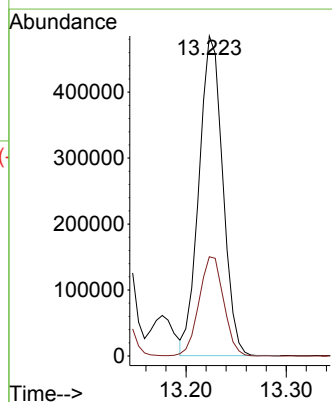
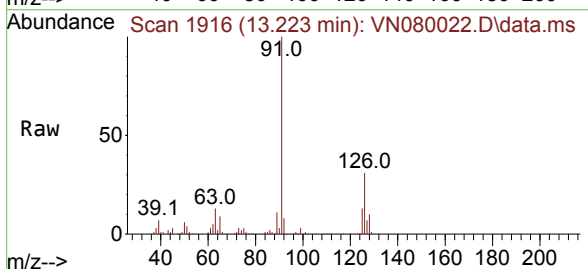
Instrument :
MSVOA_N
ClientSampleId :

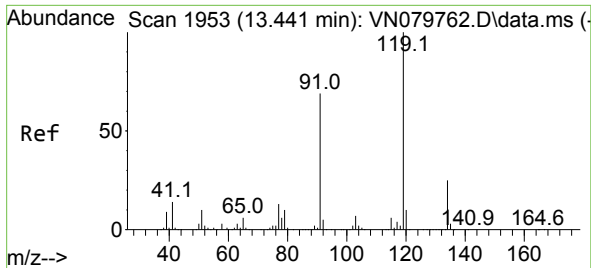
Tgt Ion: 75 Resp: 126087
Ion Ratio Lower Upper
75 100
53 98.9 67.4 101.2
89 38.6 38.8 58.2#



#82
4-Chlorotoluene
Concen: 57.687 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 91 Resp: 799757
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0

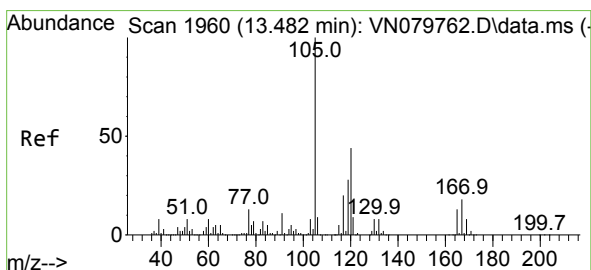
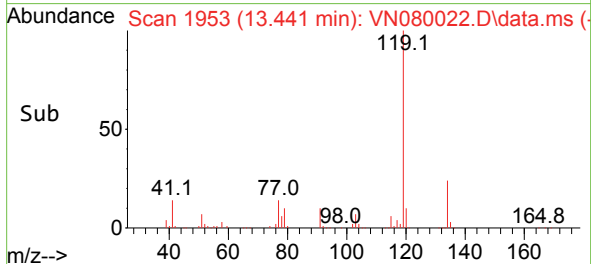
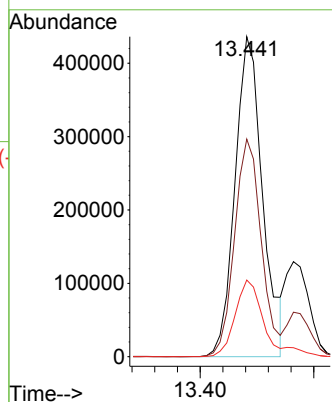
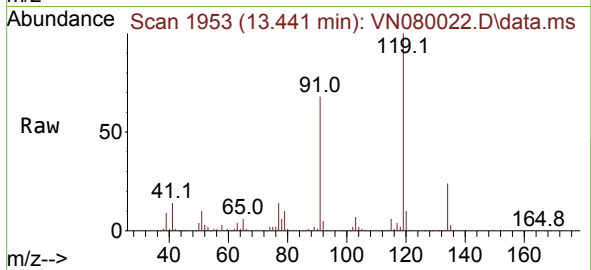




#83
 tert-Butylbenzene
 Concen: 60.442 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

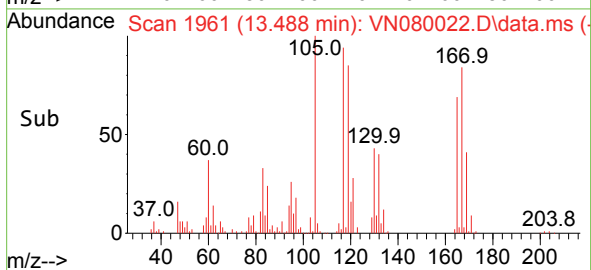
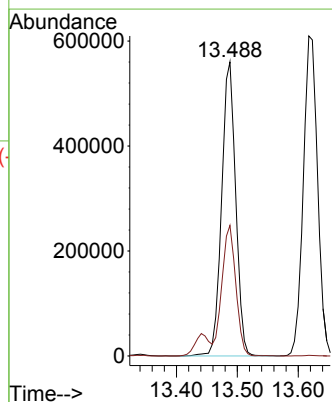
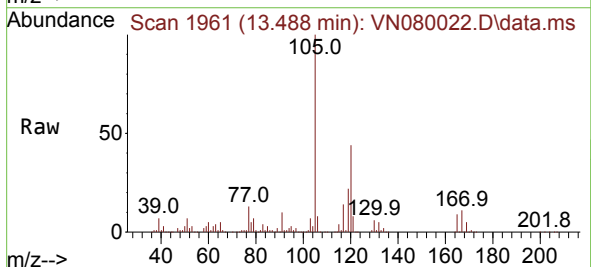
Instrument :
 MSVOA_N
 ClientSampleId :

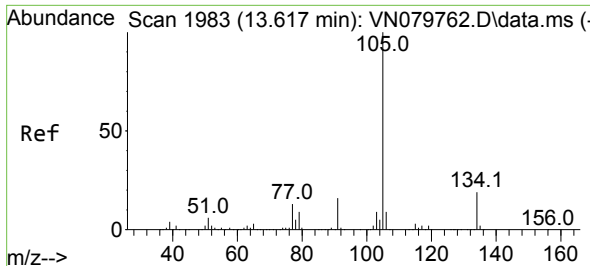
Tgt Ion:119 Resp: 734095
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.9 101.7
 134 25.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 61.448 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion:105 Resp: 897037
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0

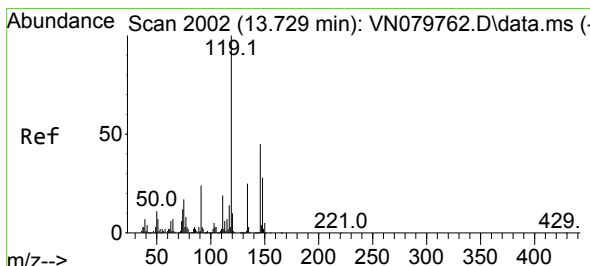
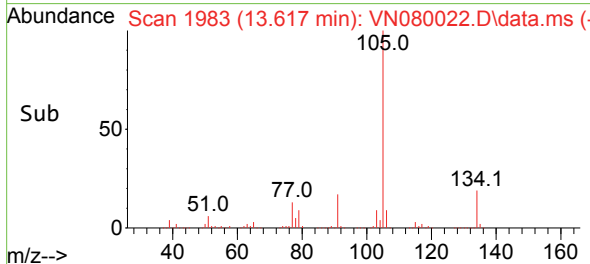
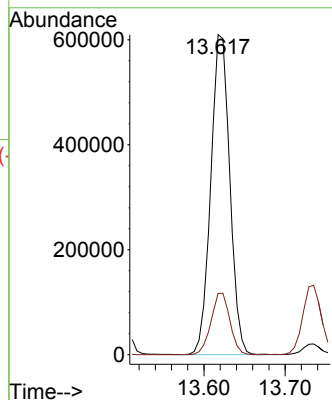
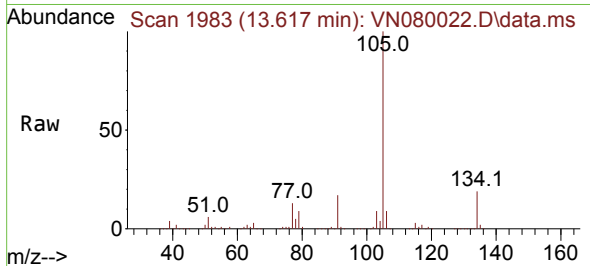




#85
 sec-Butylbenzene
 Concen: 58.986 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

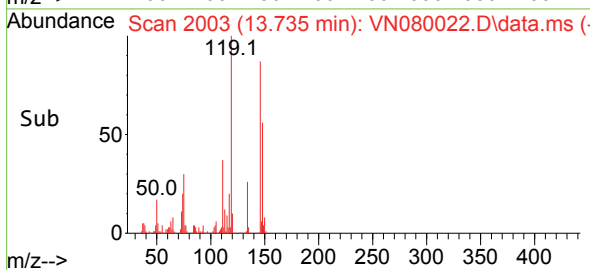
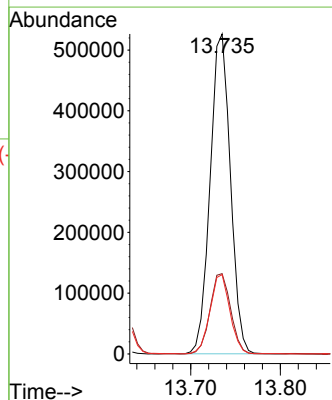
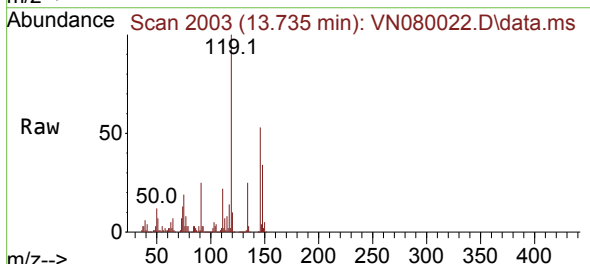
Instrument :
 MSVOA_N
 ClientSampleId :

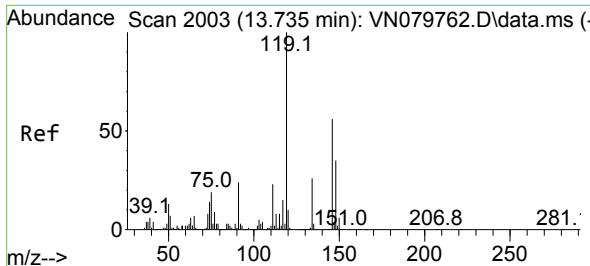
Tgt Ion:105 Resp: 992568
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 60.129 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion:119 Resp: 824918
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.3 12.4 37.2

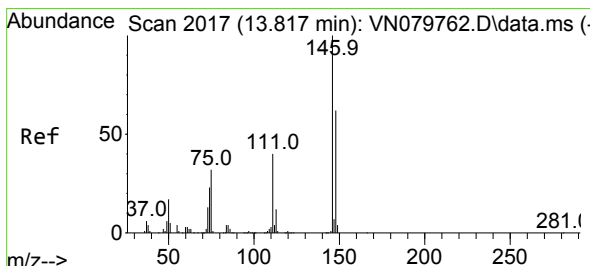
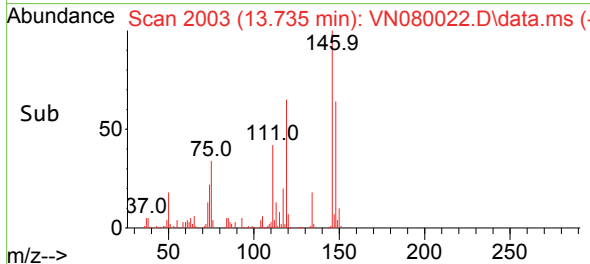
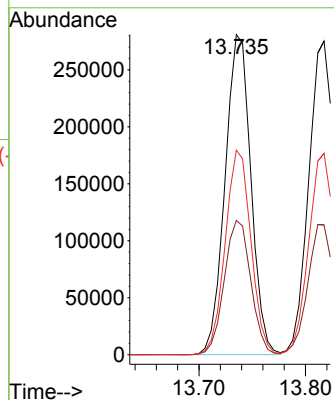
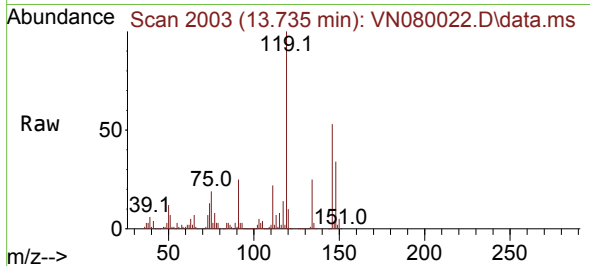




#87
1,3-Dichlorobenzene
Concen: 54.588 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

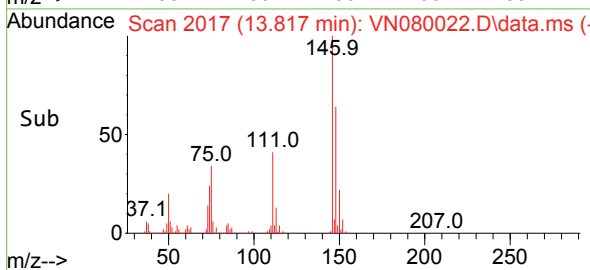
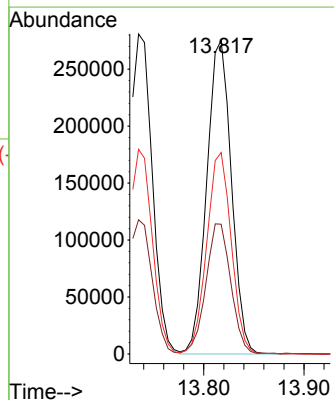
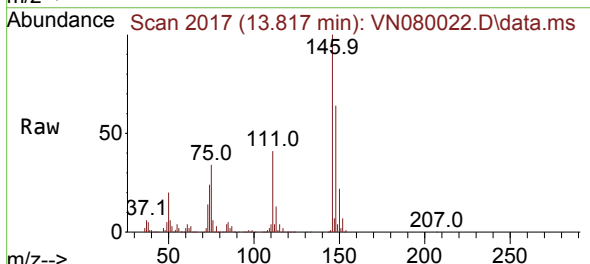
Instrument :
MSVOA_N
ClientSampleId :

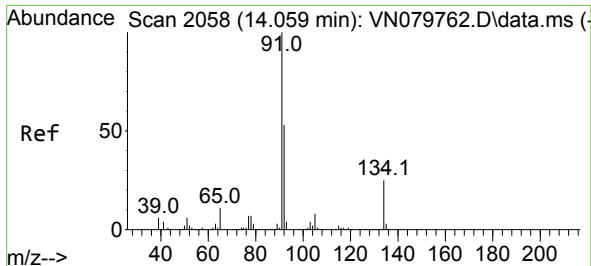
Tgt Ion:146 Resp: 474136
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.3
148 63.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 53.428 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:146 Resp: 471035
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 64.0 31.6 94.8

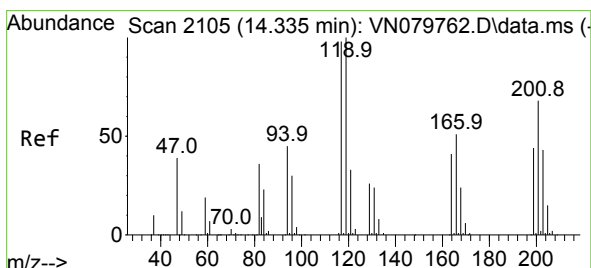
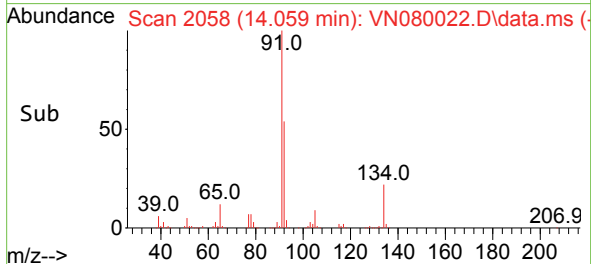
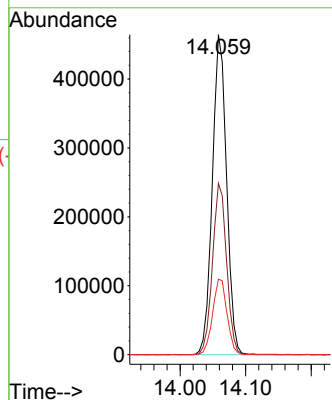
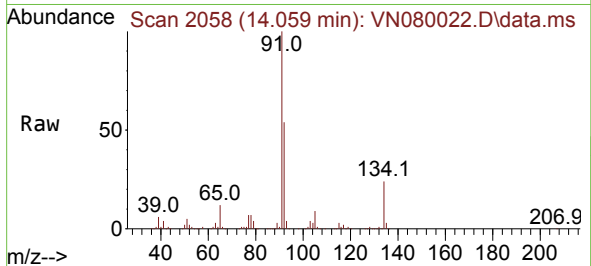




#89
n-Butylbenzene
Concen: 59.240 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

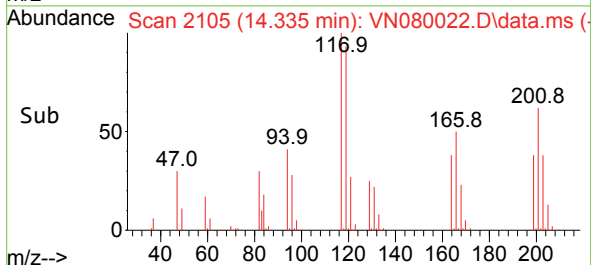
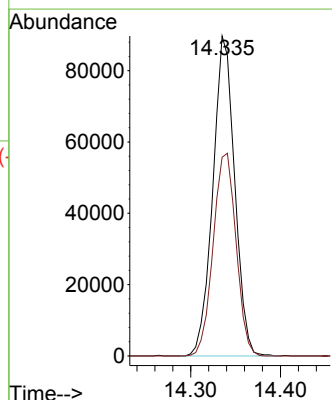
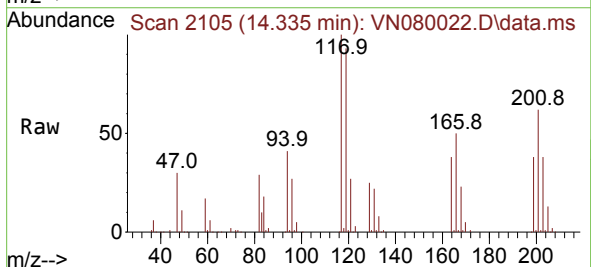
Instrument :
MSVOA_N
ClientSampleId :

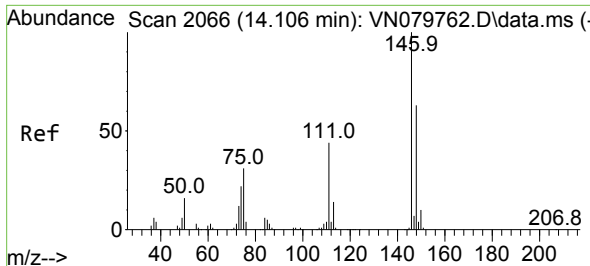
Tgt Ion: 91 Resp: 699997
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 23.9 12.6 37.6



#90
Hexachloroethane
Concen: 55.821 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 117 Resp: 151665
Ion Ratio Lower Upper
117 100
201 66.3 29.3 88.0

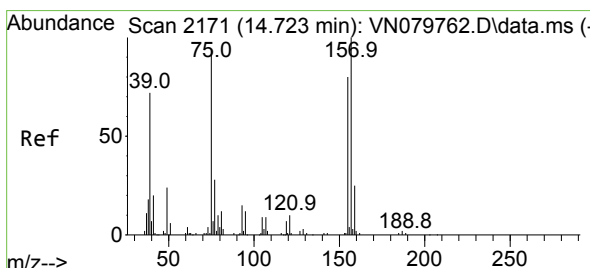
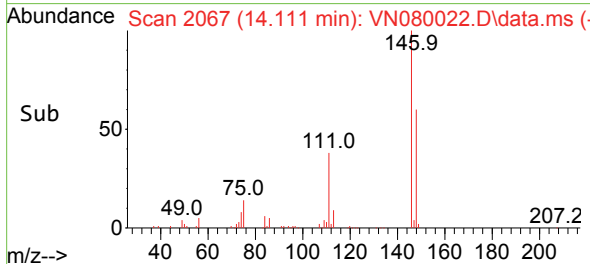
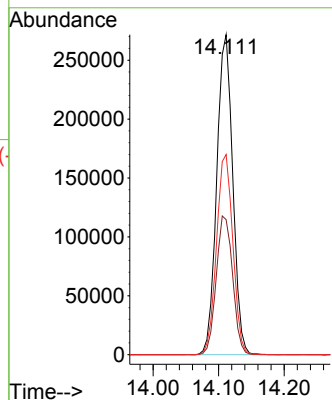
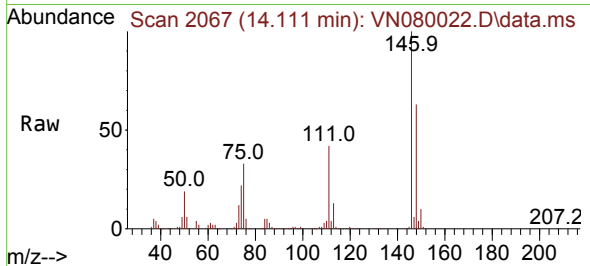




#91
 1,2-Dichlorobenzene
 Concen: 55.950 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.006 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

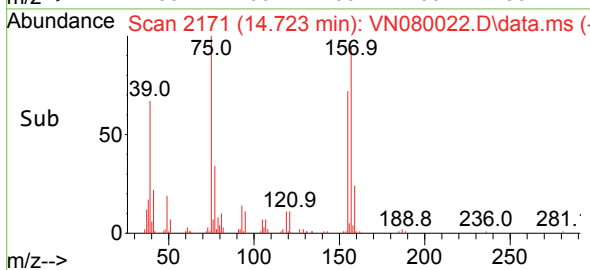
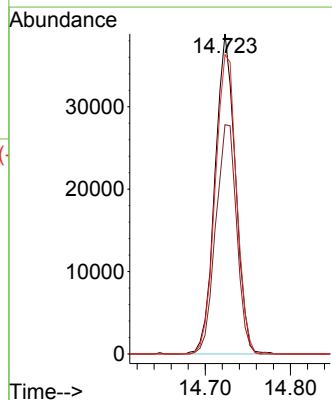
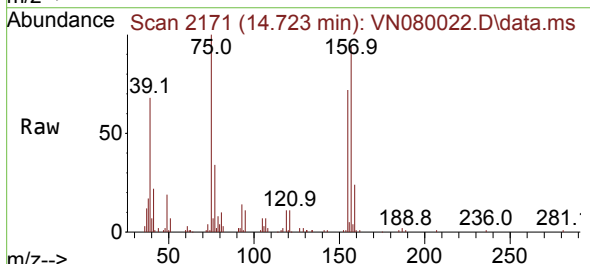
Instrument :
 MSVOA_N
 ClientSampleId :

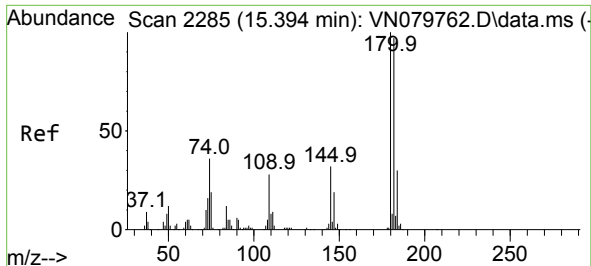
Tgt Ion:146 Resp: 458755
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.0 66.0
 148 63.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.415 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion: 75 Resp: 64689
 Ion Ratio Lower Upper
 75 100
 155 73.4 39.1 117.2
 157 97.4 50.3 150.9

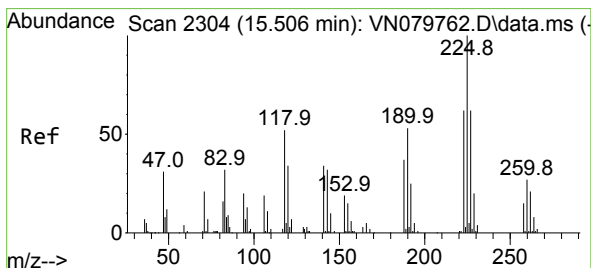
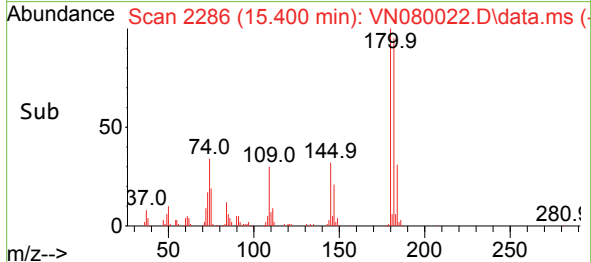
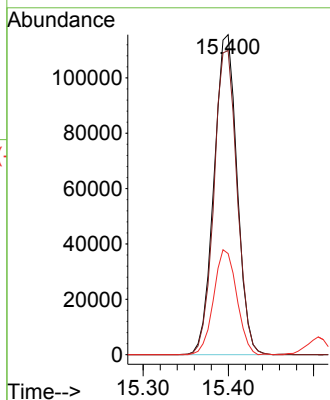
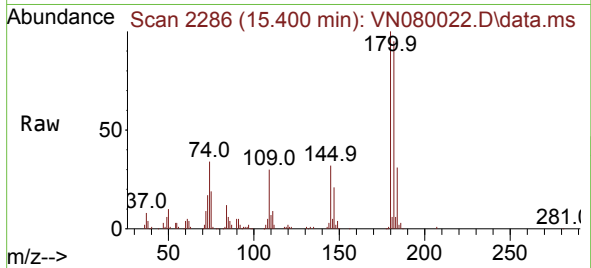




#93
1,2,4-Trichlorobenzene
Concen: 55.731 ug/l
RT: 15.400 min Scan# 217281
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

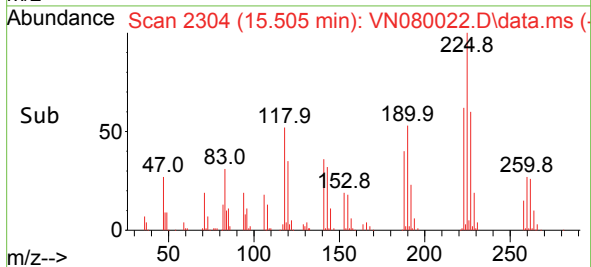
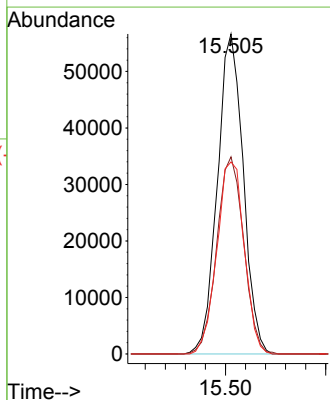
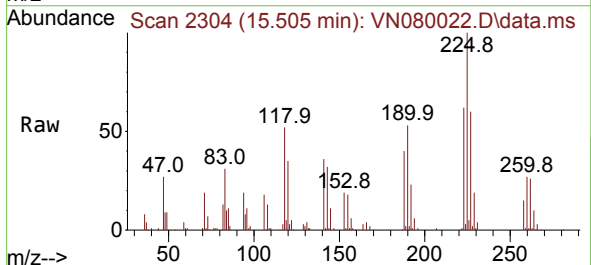
Instrument :
MSVOA_N
ClientSampleId :

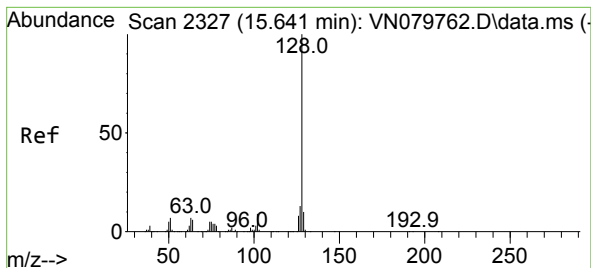
Tgt Ion:180 Resp: 217281
Ion Ratio Lower Upper
180 100
182 95.5 46.1 138.2
145 32.9 16.6 49.8



#94
Hexachlorobutadiene
Concen: 57.391 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:225 Resp: 101433
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 63.4 31.9 95.9





#95

Naphthalene

Concen: 52.106 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

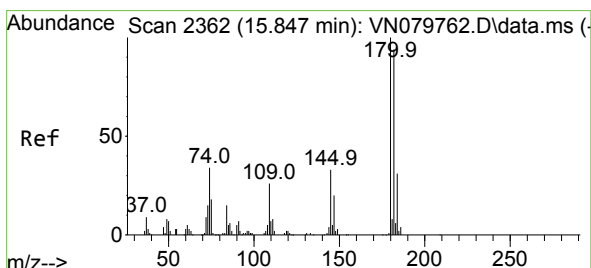
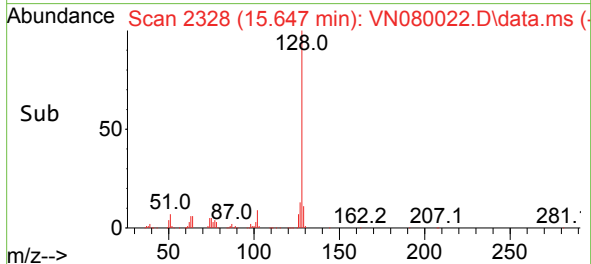
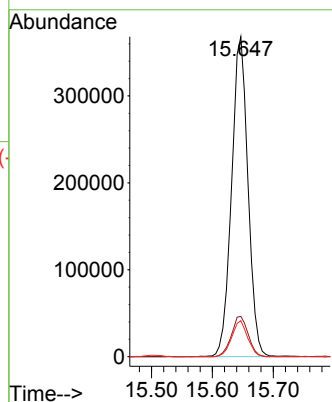
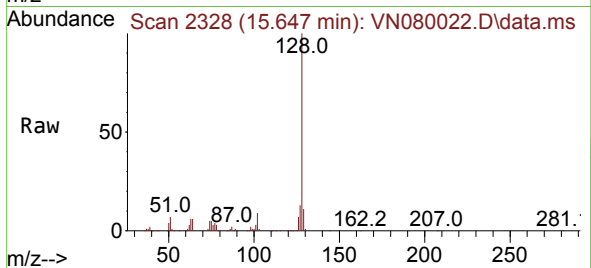
Tgt Ion:128 Resp: 688931

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.216 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Tgt Ion:180 Resp: 211016

Ion Ratio Lower Upper

180 100

182 96.0 46.2 138.6

145 35.1 17.5 52.6

