

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080113.D
 Acq On : 15 Nov 2023 16:17
 Operator : JC\MD
 Sample : 05417-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:54:28 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	8.230	168	187963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	160239	55.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.920%	
35) Dibromofluoromethane	8.165	113	122633	48.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.560%	
50) Toluene-d8	10.571	98	447293	47.836	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.680%	
62) 4-Bromofluorobenzene	12.853	95	183977	59.327	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.660%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	383	Below Cal	#	42
6) Chloroethane	3.148	64	927	0.396	ug/l #	43
11) Tert butyl alcohol	5.524	59	1132	3.097	ug/l #	72
13) Acrolein	4.183	56	62	2.758	ug/l #	73
16) Acetone	4.430	43	45278	45.013	ug/l	98
18) Methyl Acetate	5.042	43	4270	0.887	ug/l #	72
20) Methylene Chloride	5.289	84	8557	3.371	ug/l	89
25) 2-Butanone	7.489	43	5656	3.840	ug/l #	82
31) Cyclohexane	8.224	56	5194	1.373	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	15484	4.270	ug/l #	49
37) Ethyl Acetate	7.577	43	3307	0.994	ug/l #	71
38) Carbon Tetrachloride	8.230	117	21868	5.983	ug/l #	17
39) Methylcyclohexane	9.594	83	1321	0.387	ug/l #	79
40) Benzene	8.612	78	935347	86.110	ug/l	100
42) 1,2-Dichloroethane	8.688	62	1296	0.342	ug/l #	73
43) Isopropyl Acetate	8.688	43	174779	29.964	ug/l #	78
45) 1,2-Dichloropropane	9.741	63	1603	0.577	ug/l #	45
48) Methyl methacrylate	9.741	41	114745	44.912	ug/l #	29
49) 1,4-Dioxane	9.753	88	110	2.437	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	40998	12.485	ug/l	91
52) Toluene	10.630	92	1157292	179.715	ug/l	99
53) t-1,3-Dichloropropene	10.730	75	1045	0.264	ug/l #	37
54) cis-1,3-Dichloropropene	10.359	75	53694	12.431	ug/l #	65
55) 1,1,2-Trichloroethane	10.882	97	10566	4.079	ug/l #	20
56) Ethyl methacrylate	10.882	69	1056	0.286	ug/l #	32
57) 1,3-Dichloropropane	11.200	76	6129	1.342	ug/l #	42
59) 2-Hexanone	11.171	43	105292	41.913	ug/l #	19
67) Ethyl Benzene	11.965	91	196392	13.646	ug/l	94
68) m/p-Xylenes	12.071	106	380858	71.040	ug/l	86
69) o-Xylene	12.400	106	231289	44.801	ug/l	86
70) Styrene	12.412	104	68599	8.268	ug/l #	42
73) Isopropylbenzene	12.694	105	10373	0.735	ug/l	94
74) N-amyl acetate	12.453	43	4180	0.679	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	105472	24.159	ug/l #	1
78) n-propylbenzene	13.041	91	19379	1.199	ug/l	95
79) 2-Chlorotoluene	13.100	91	11512	1.115	ug/l #	42

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

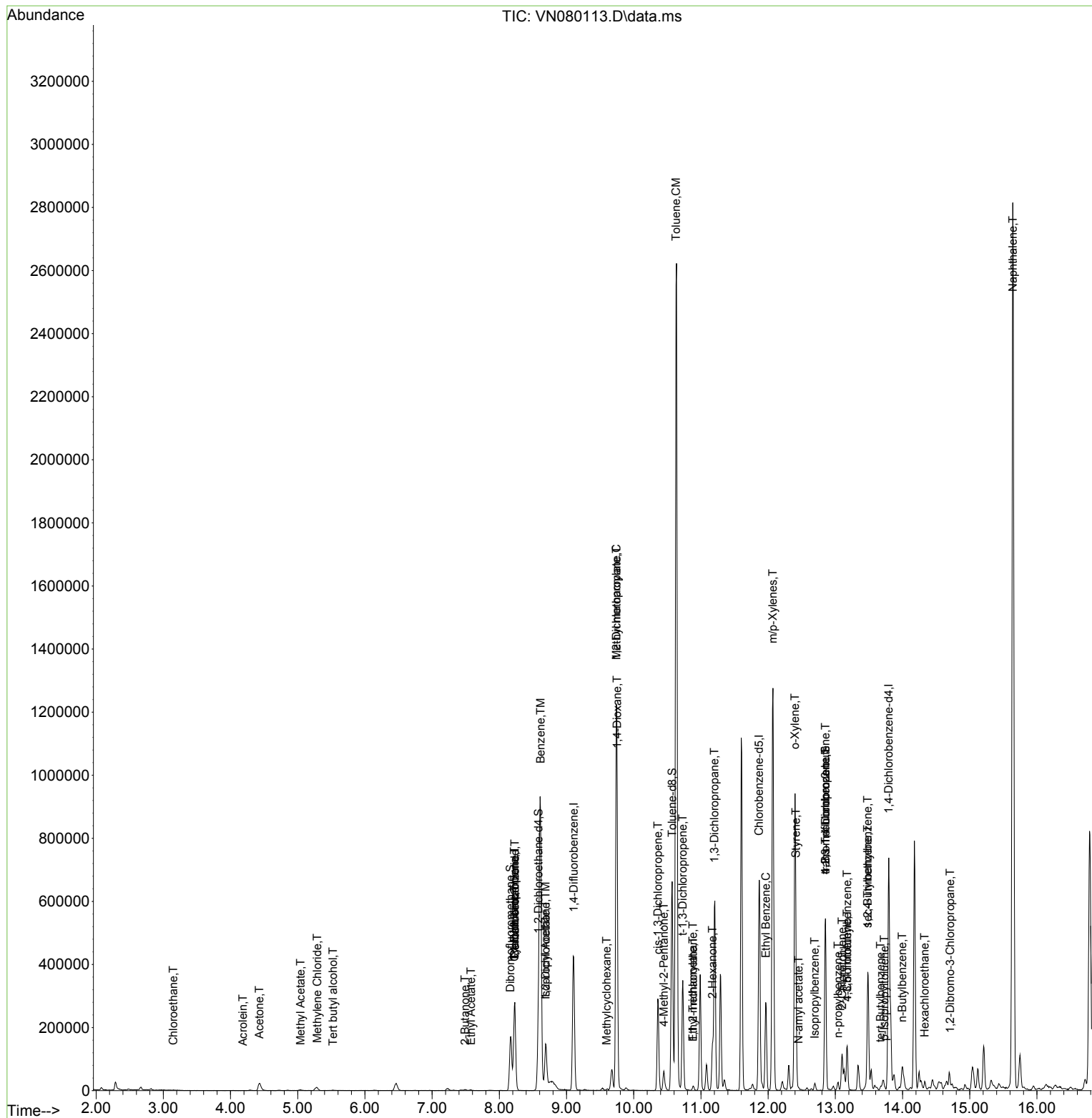
80) 1,3,5-Trimethylbenzene	13.176	105	80223	7.306	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.853	75	105472	65.732	ug/l #	15
82) 4-Chlorotoluene	13.176	91	9590	0.935	ug/l #	41
83) tert-Butylbenzene	13.671	119	5405	0.601	ug/l	70
84) 1,2,4-Trimethylbenzene	13.482	105	218353	20.212	ug/l	95
85) sec-Butylbenzene	13.482	105	218353	17.535	ug/l #	57
86) p-Isopropyltoluene	13.729	119	4432	0.437	ug/l	96
89) n-Butylbenzene	13.994	91	15956	1.825	ug/l #	46
90) Hexachloroethane	14.329	117	2339	1.163	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.706	75	259	0.305	ug/l #	4
95) Naphthalene	15.641	128	2542584	259.865	ug/l	99

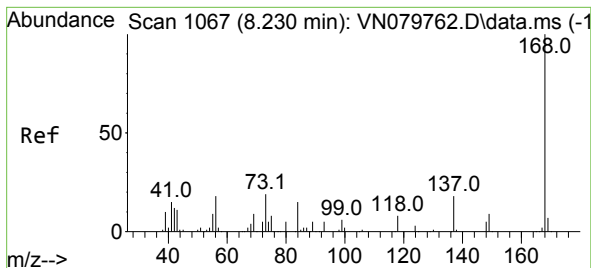
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

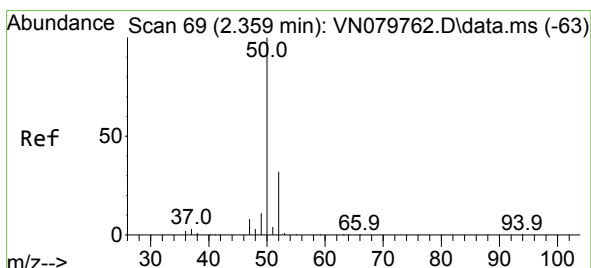
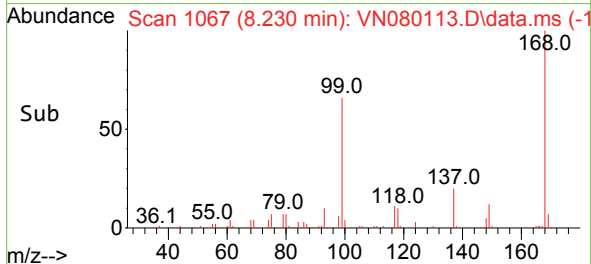
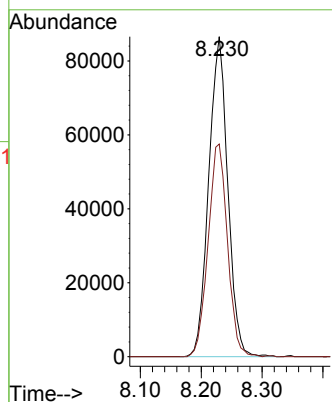
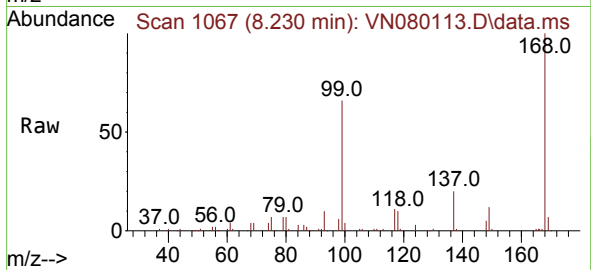
ClientSampleId :

Tgt Ion:168 Resp: 187963

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080113.D

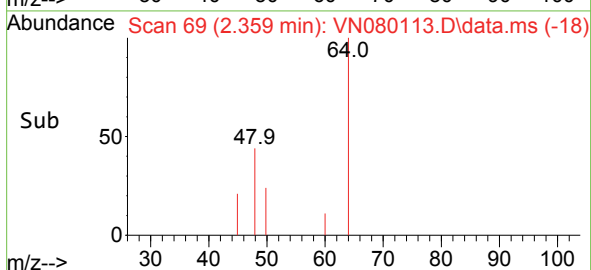
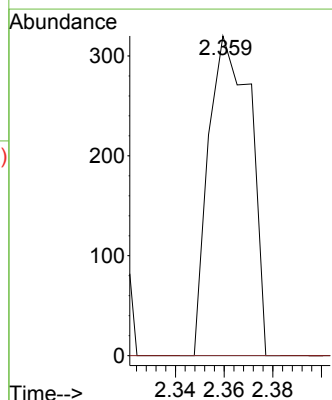
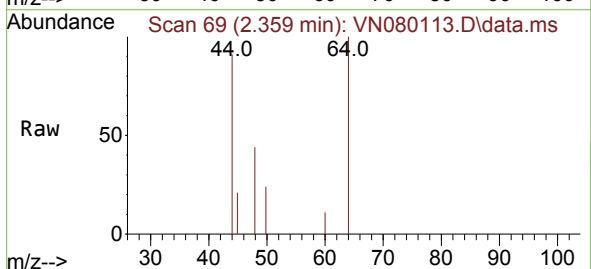
Acq: 15 Nov 2023 16:17

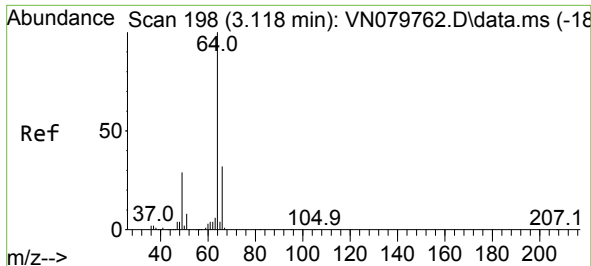
Tgt Ion: 50 Resp: 383

Ion Ratio Lower Upper

50 100

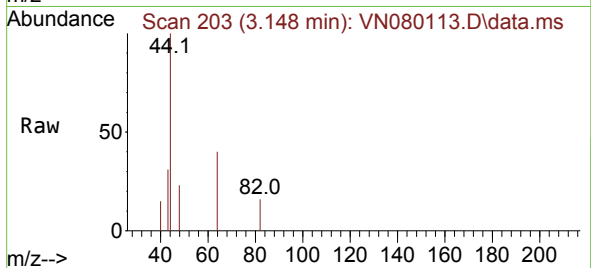
52 0.0 26.5 39.7#



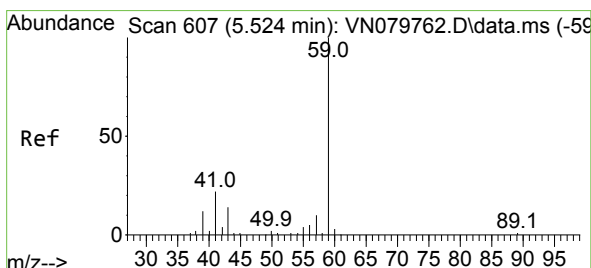
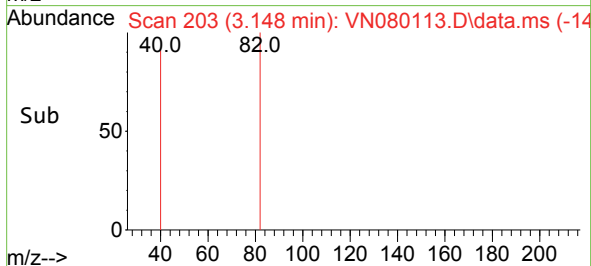
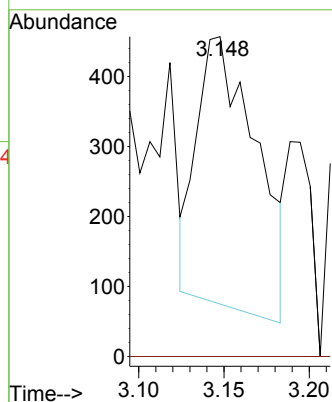


#6
Chloroethane
Concen: 0.396 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.030 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

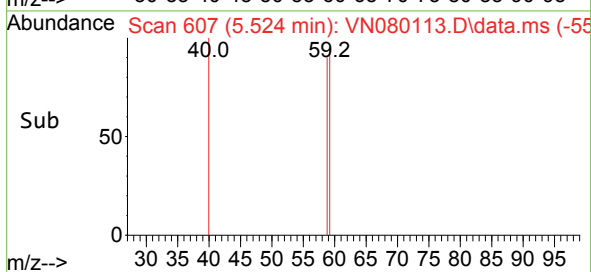
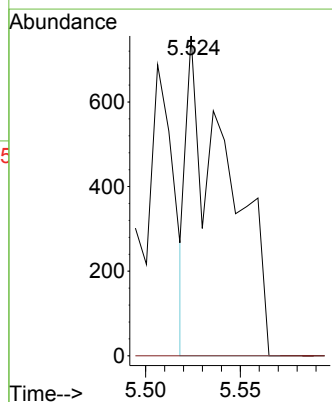
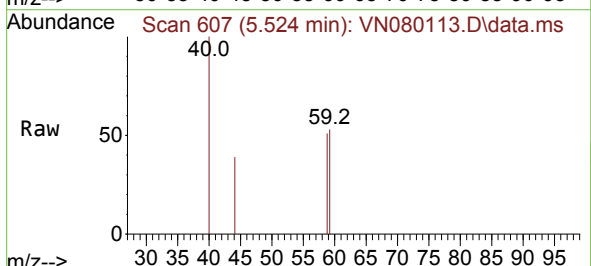


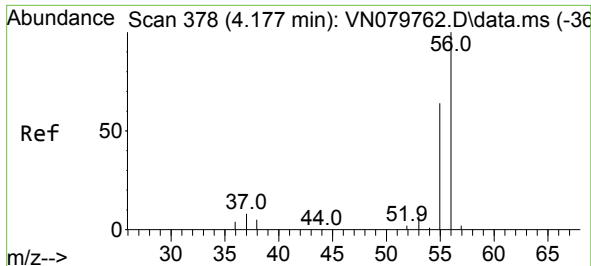
Tgt Ion: 64 Resp: 927
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 3.097 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion: 59 Resp: 1132
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 2.758 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

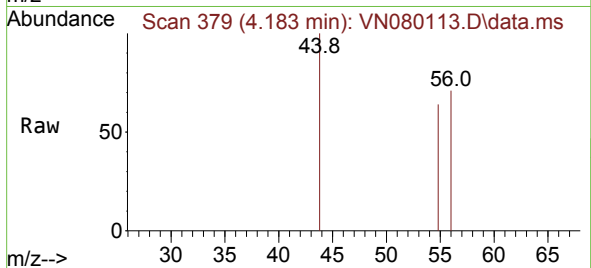
Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

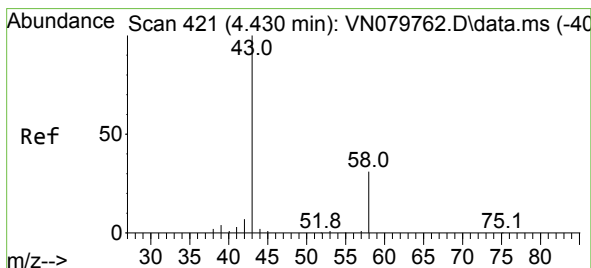
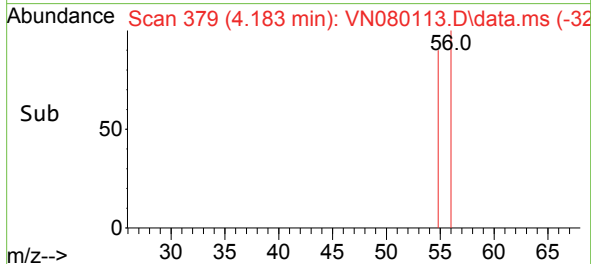
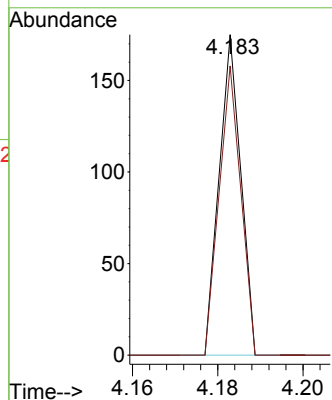


Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 90.3 54.5 81.7#



#16

Acetone

Concen: 45.013 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN080113.D

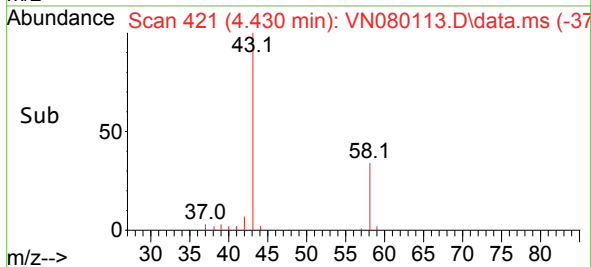
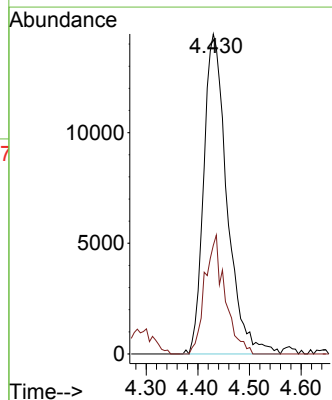
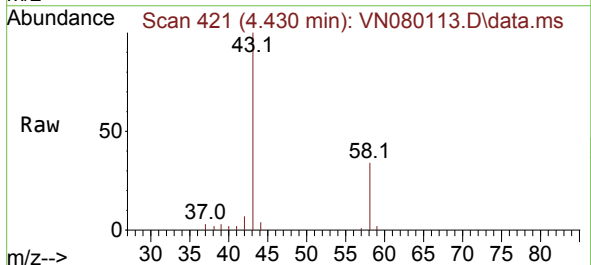
Acq: 15 Nov 2023 16:17

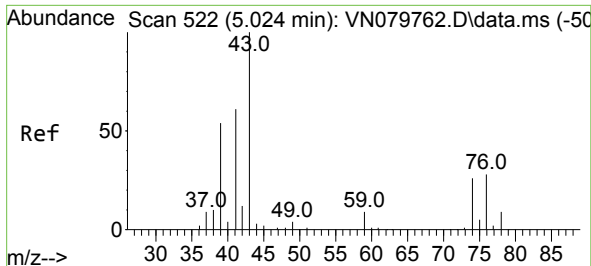
Tgt Ion: 43 Resp: 45278

Ion Ratio Lower Upper

43 100

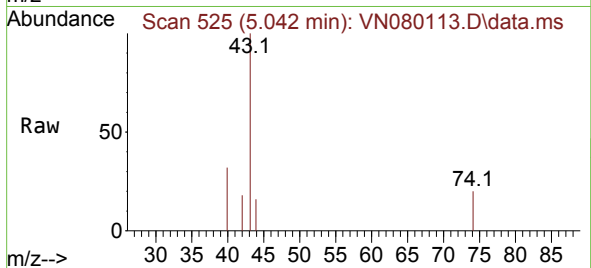
58 34.0 28.0 42.0



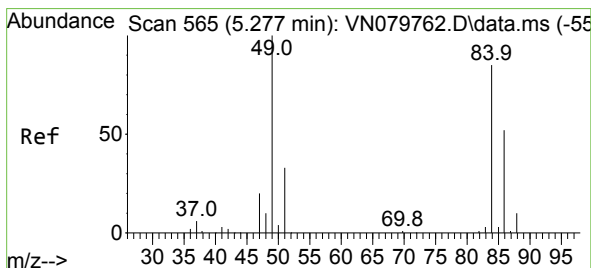
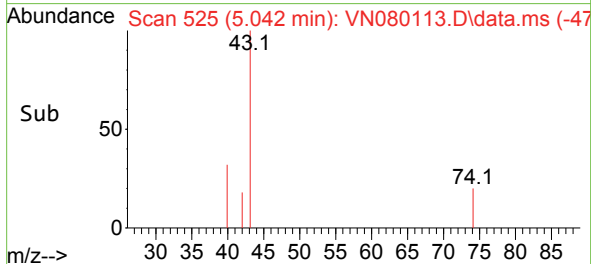
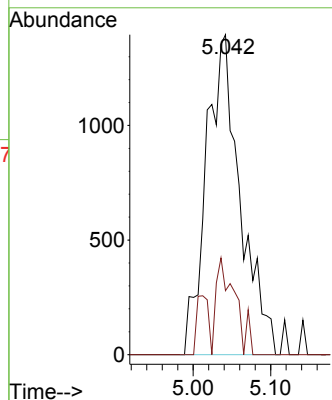


#18
Methyl Acetate
Concen: 0.887 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

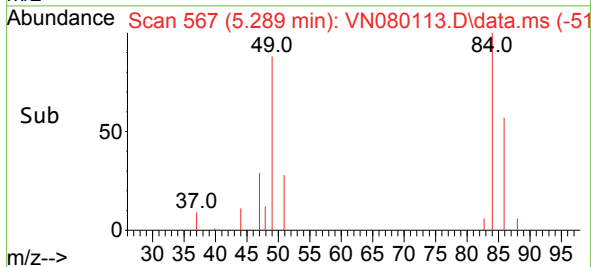
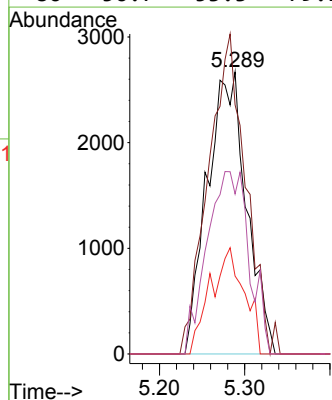
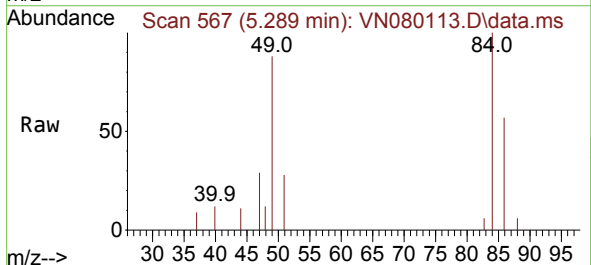


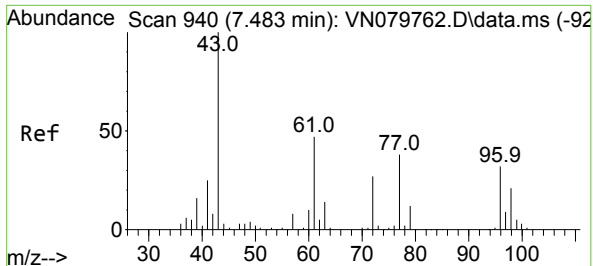
Tgt Ion: 43 Resp: 4270
Ion Ratio Lower Upper
43 100
74 16.8 26.2 39.4#



#20
Methylene Chloride
Concen: 3.371 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.018 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion: 84 Resp: 8557
Ion Ratio Lower Upper
84 100
49 88.3 79.7 119.5
51 27.6 25.2 37.8
86 56.7 53.3 79.9

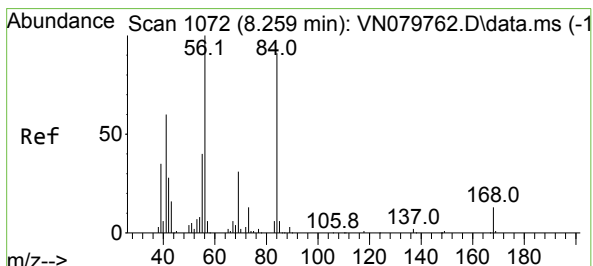
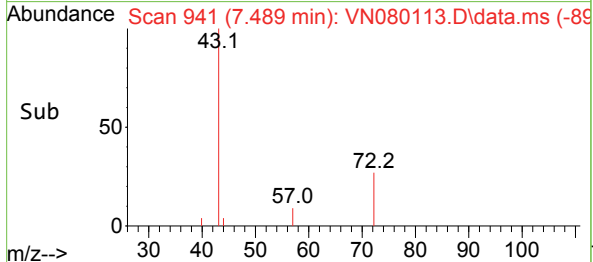
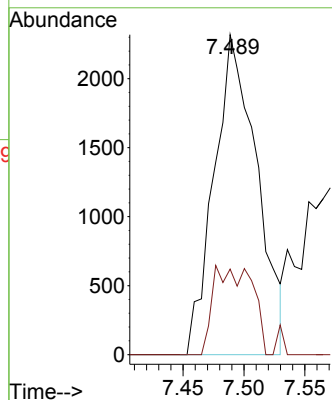
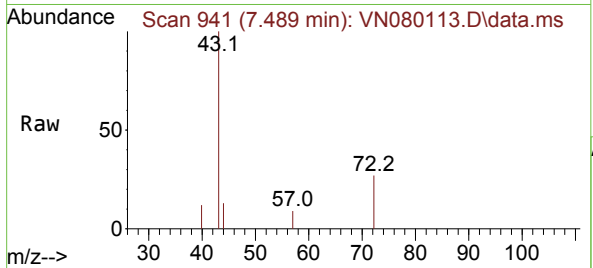




#25
2-Butanone
Concen: 3.840 ug/l
RT: 7.489 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

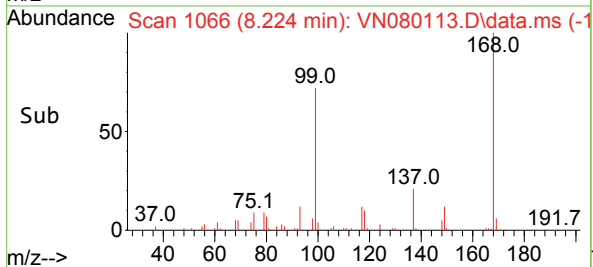
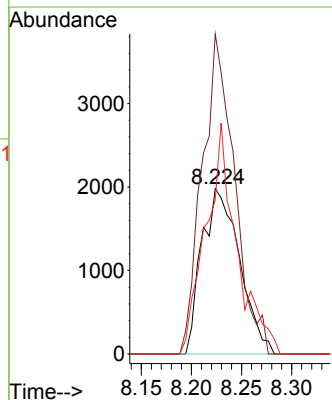
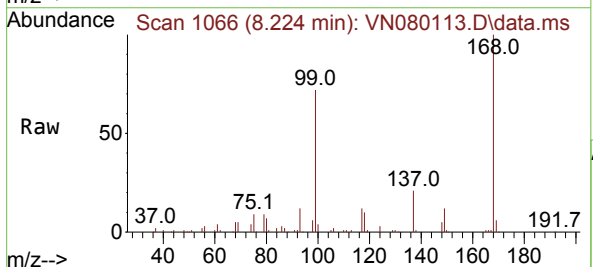
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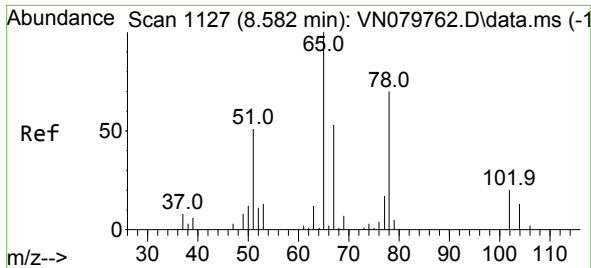
Tgt Ion: 43 Resp: 5656
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2#



#31
Cyclohexane
Concen: 1.373 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion: 56 Resp: 5194
Ion Ratio Lower Upper
56 100
69 193.3 26.8 40.2#
84 93.0 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 55.956 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

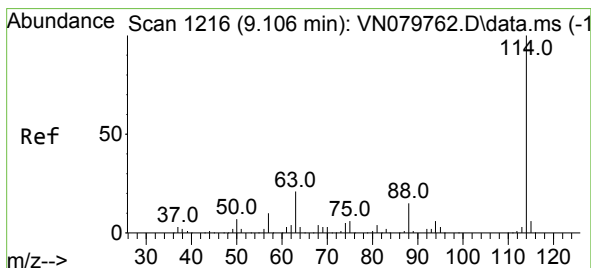
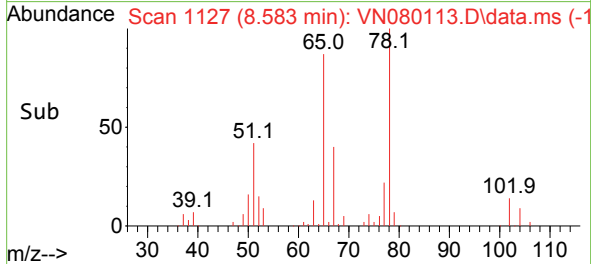
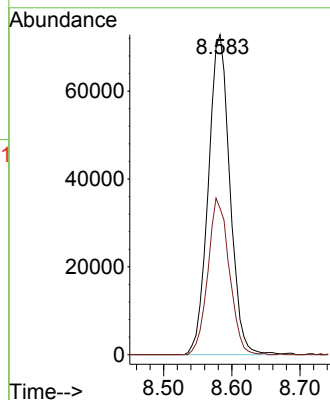
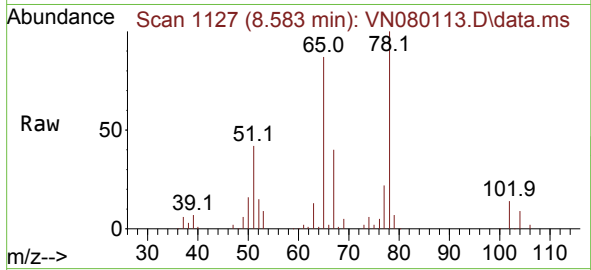
ClientSampleId :

Tgt Ion: 65 Resp: 160239

Ion Ratio Lower Upper

65 100

67 48.5 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: VN080113.D

Acq: 15 Nov 2023 16:17

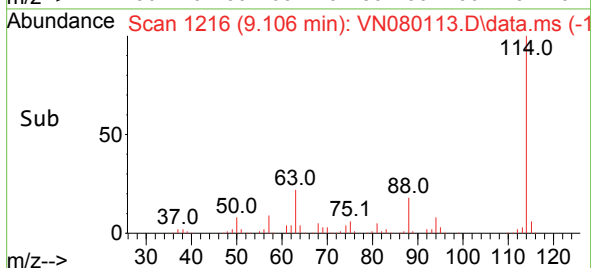
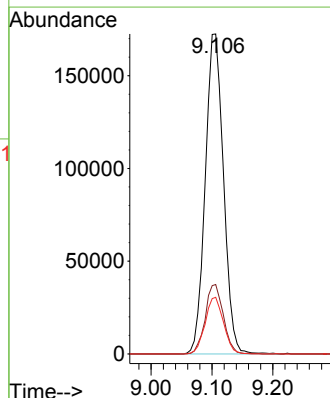
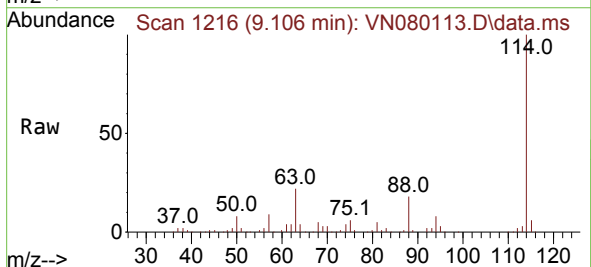
Tgt Ion: 114 Resp: 358872

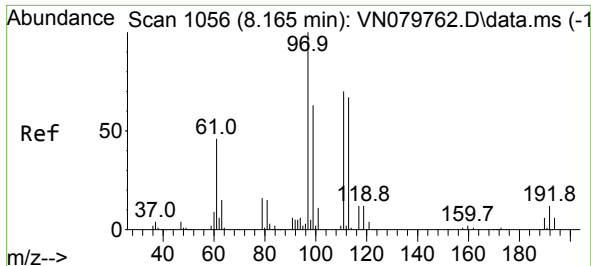
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 17.7 0.0 30.6

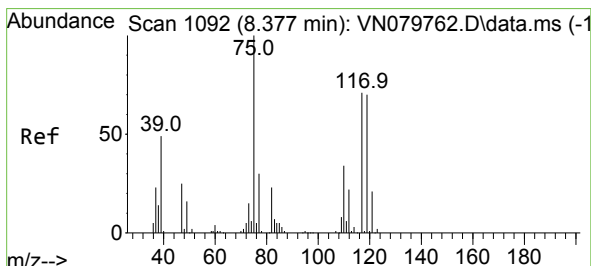
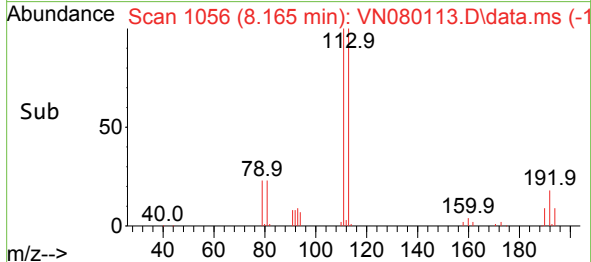
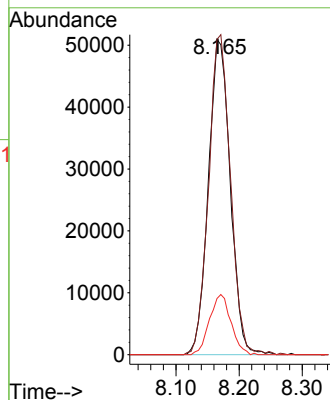
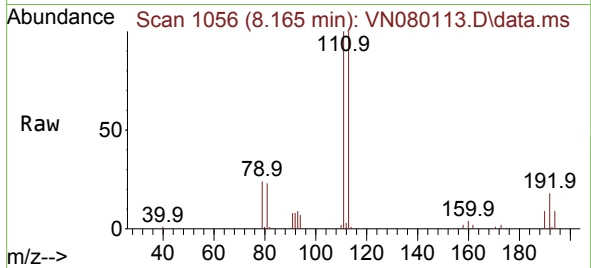




#35
Dibromofluoromethane
Concen: 48.282 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

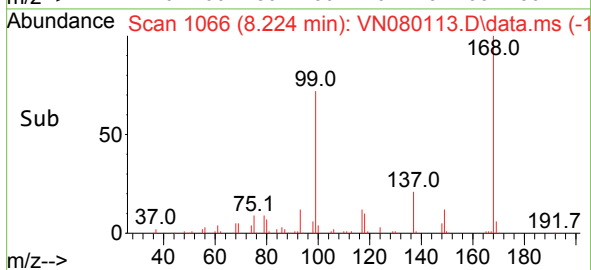
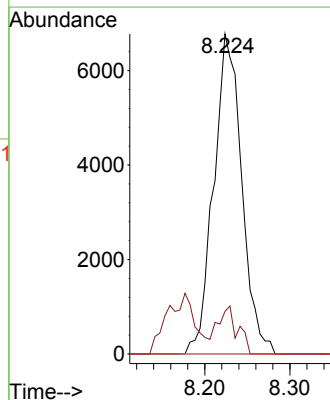
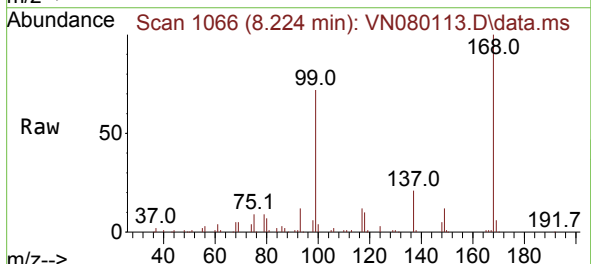
Instrument :
MSVOA_N
ClientSampleId :

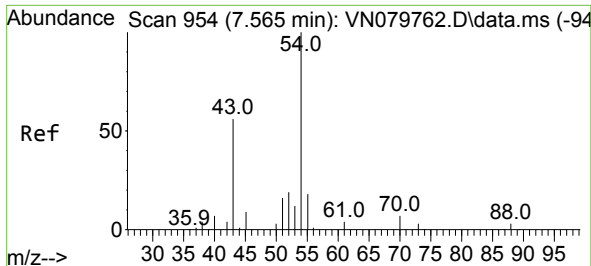
Tgt Ion:113 Resp: 122633
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 18.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.270 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

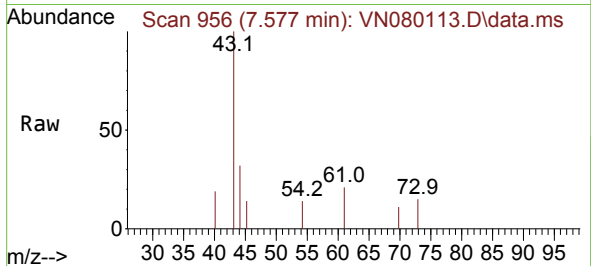
Tgt Ion: 75 Resp: 15484
Ion Ratio Lower Upper
75 100
110 10.5 19.1 57.3#
77 0.0 25.0 37.4#



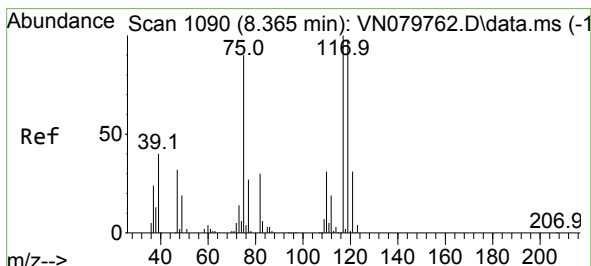
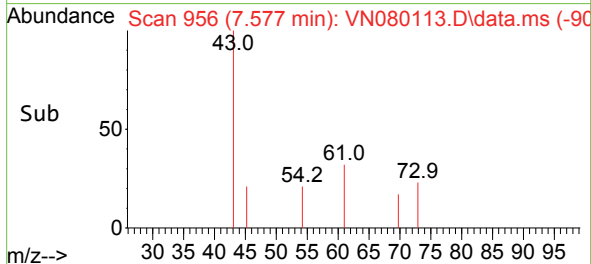
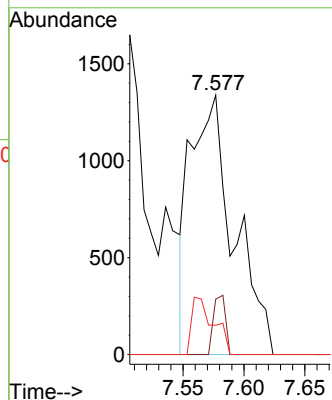


#37
Ethyl Acetate
Concen: 0.994 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

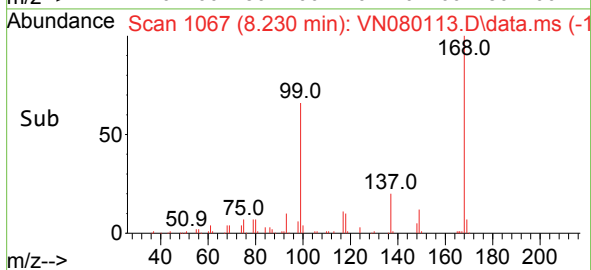
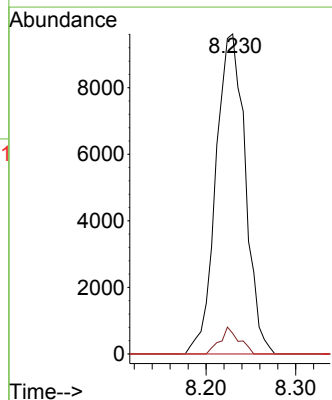
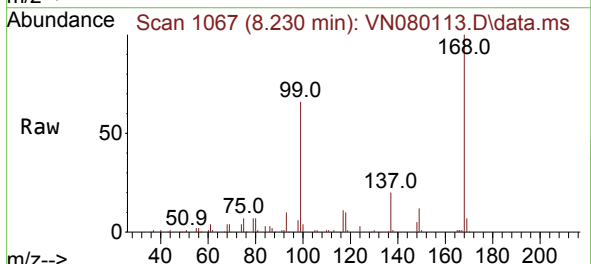


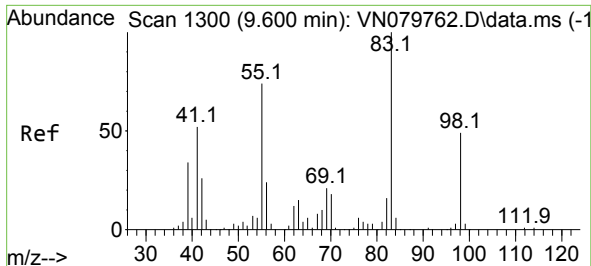
Tgt Ion: 43 Resp: 3307
Ion Ratio Lower Upper
43 100
61 6.3 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion: 117 Resp: 21868
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.387 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

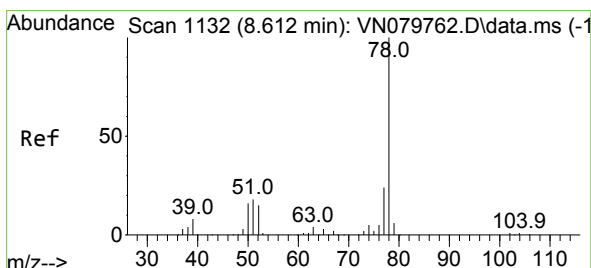
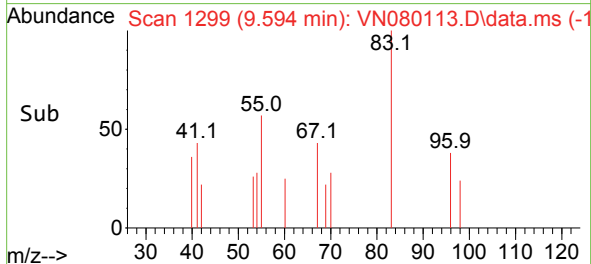
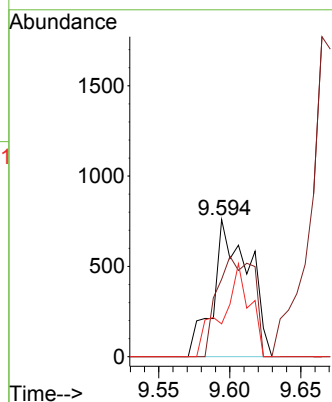
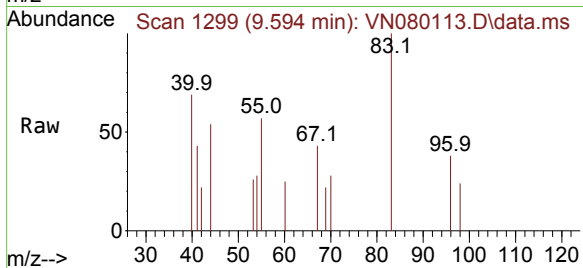
Tgt Ion: 83 Resp: 1321

Ion Ratio Lower Upper

83 100

55 56.5 49.1 73.7

98 24.0 40.6 61.0#



#40

Benzene

Concen: 86.110 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN080113.D

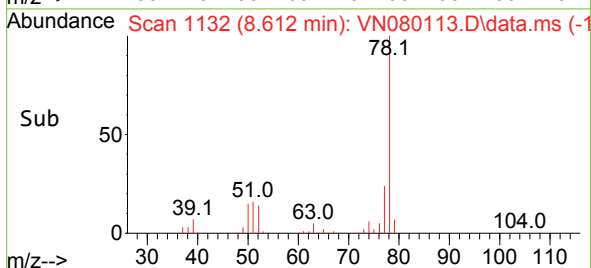
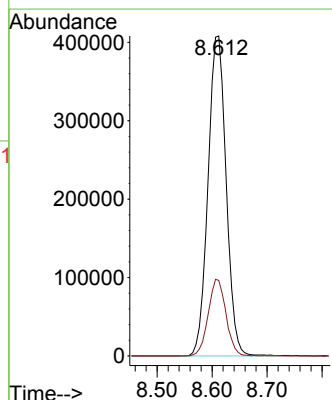
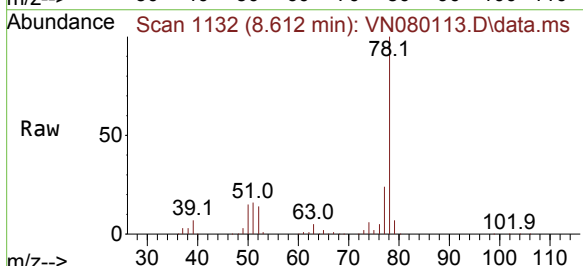
Acq: 15 Nov 2023 16:17

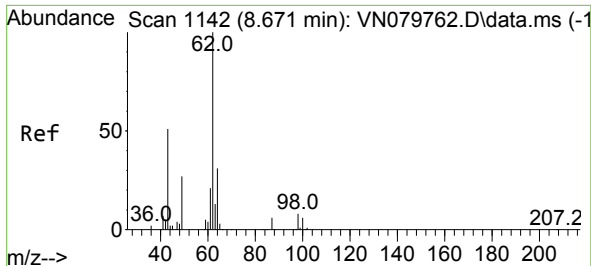
Tgt Ion: 78 Resp: 935347

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.342 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

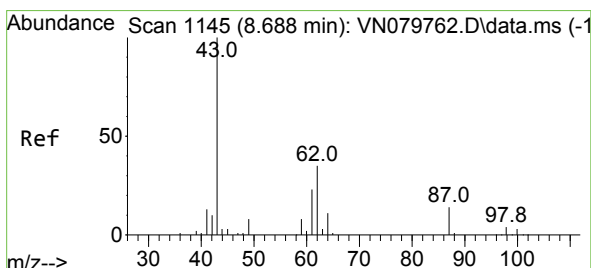
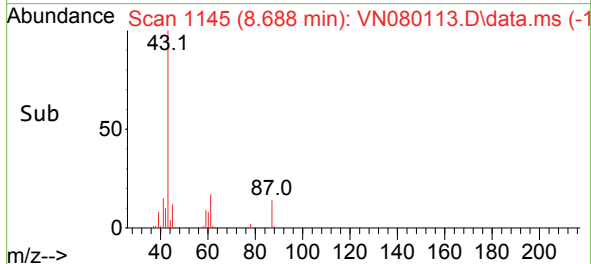
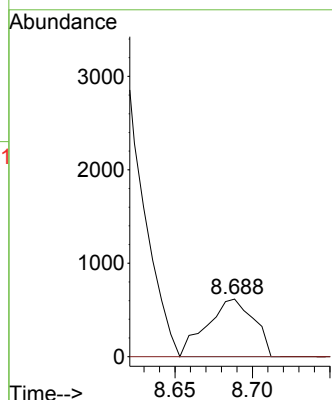
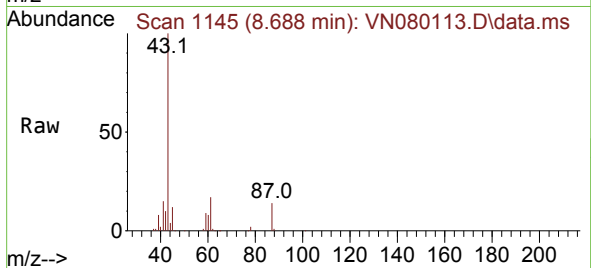
ClientSampleId :

Tgt Ion: 62 Resp: 1296

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 29.964 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

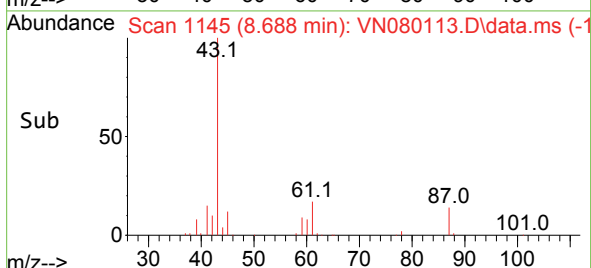
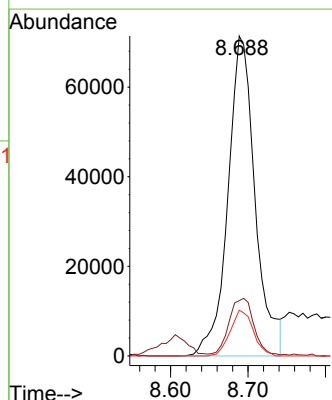
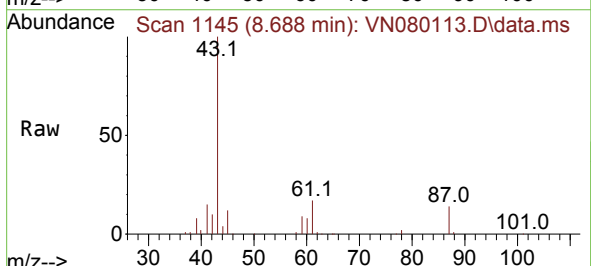
Tgt Ion: 43 Resp: 174779

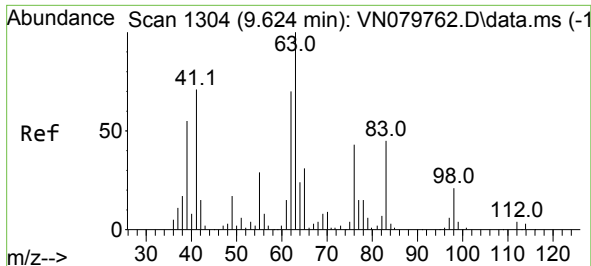
Ion Ratio Lower Upper

43 100

61 16.3 24.7 37.1#

87 12.1 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.577 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.118 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

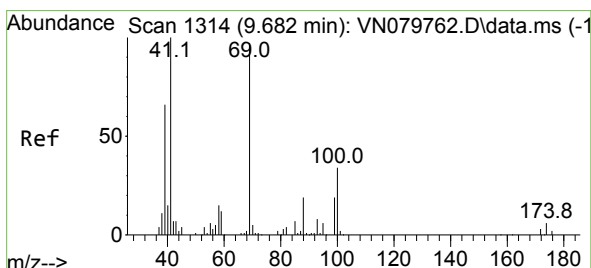
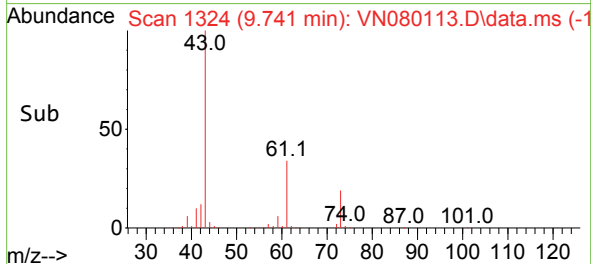
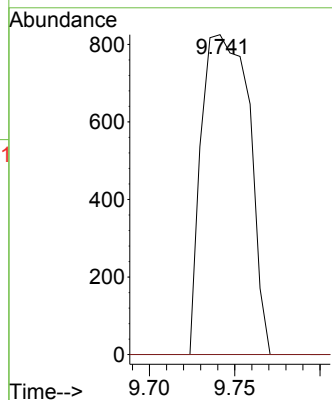
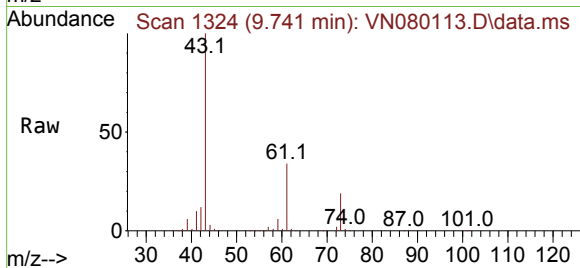
ClientSampleId :

Tgt Ion: 63 Resp: 1603

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 44.912 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.059 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

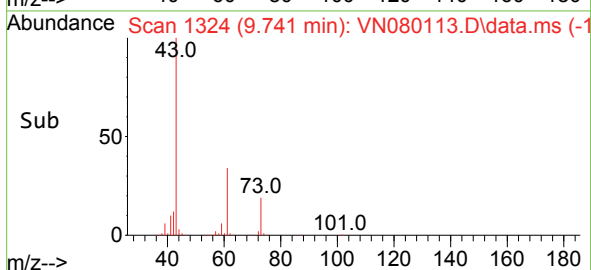
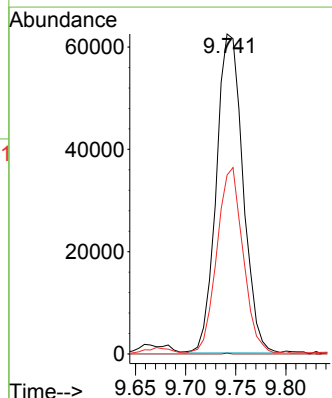
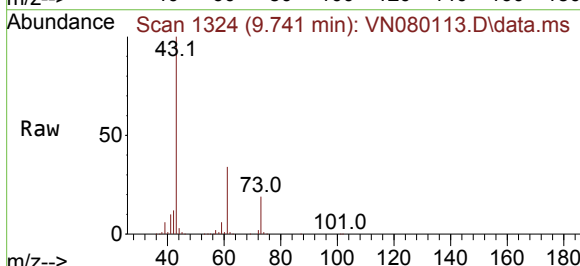
Tgt Ion: 41 Resp: 114745

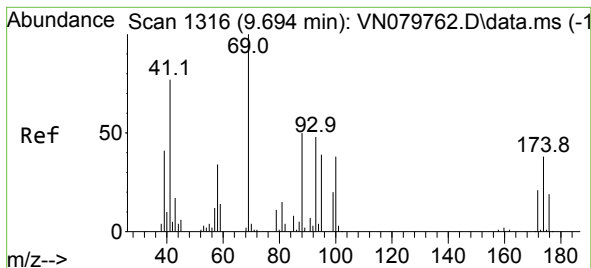
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 57.2 54.6 81.8





#49

1,4-Dioxane

Concen: 2.437 ug/l

RT: 9.753 min Scan# 1326

Delta R.T. 0.059 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

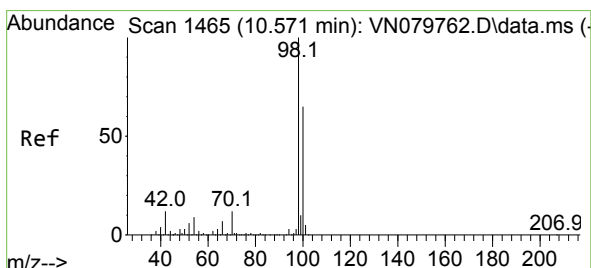
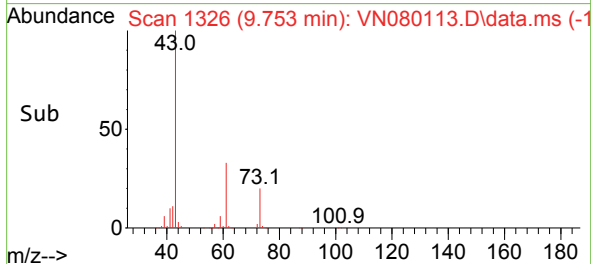
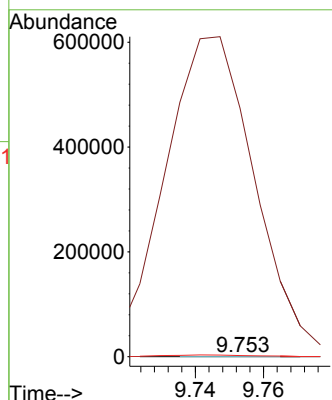
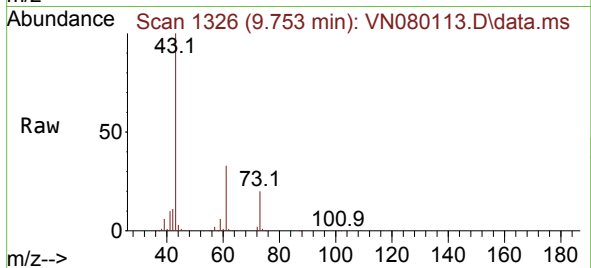
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 1036110.9 17.0 25.6#

58 5760.0 47.0 70.4#



#50

Toluene-d8

Concen: 47.836 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080113.D

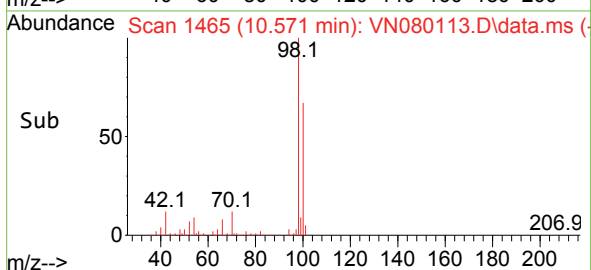
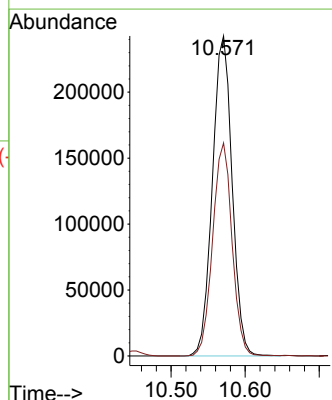
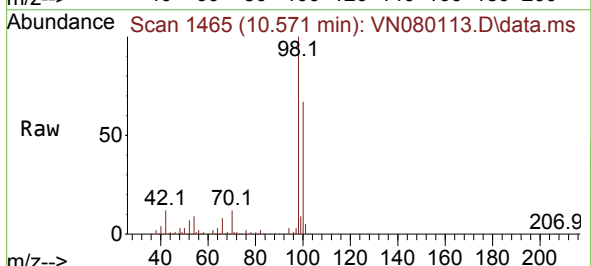
Acq: 15 Nov 2023 16:17

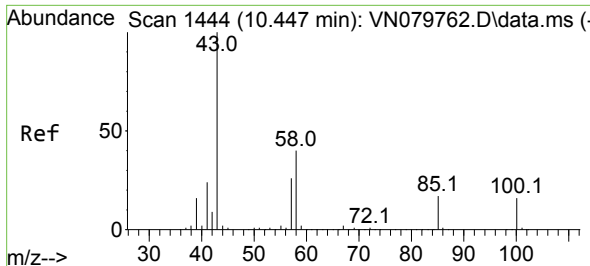
Tgt Ion: 98 Resp: 447293

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 12.485 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

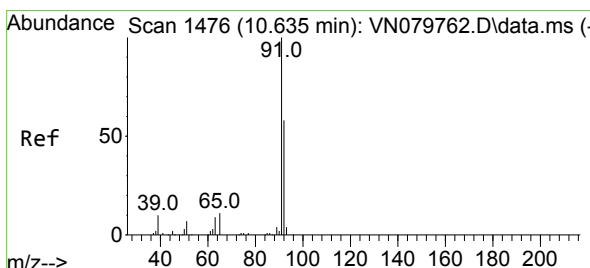
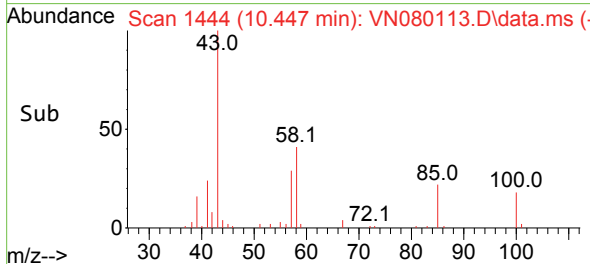
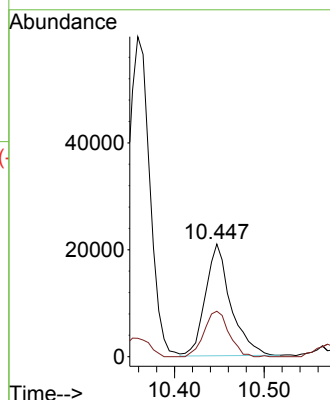
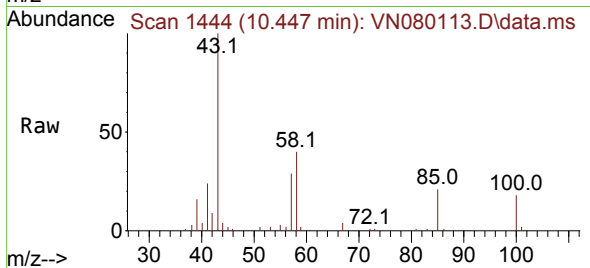
ClientSampleId :

Tgt Ion: 43 Resp: 40998

Ion Ratio Lower Upper

43 100

58 39.6 36.6 54.8



#52

Toluene

Concen: 179.715 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN080113.D

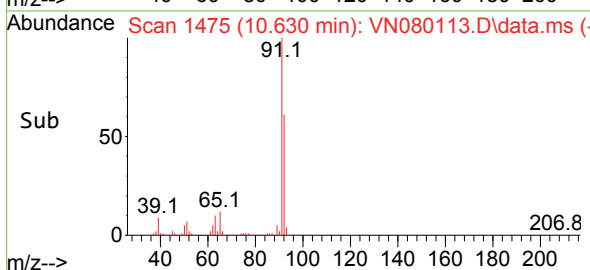
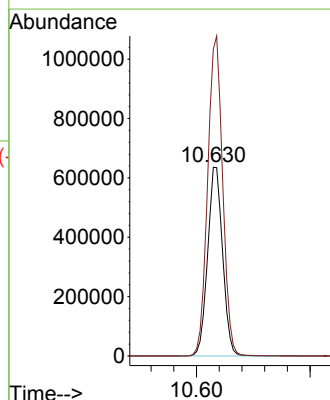
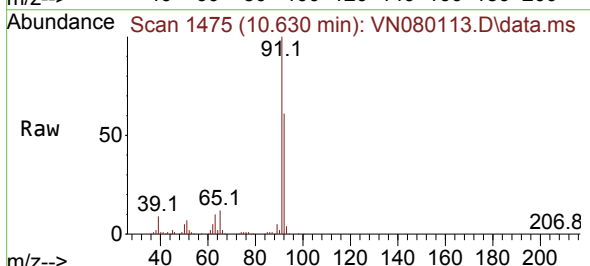
Acq: 15 Nov 2023 16:17

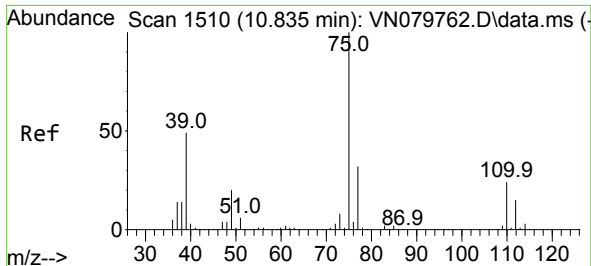
Tgt Ion: 92 Resp: 1157292

Ion Ratio Lower Upper

92 100

91 169.7 137.4 206.0

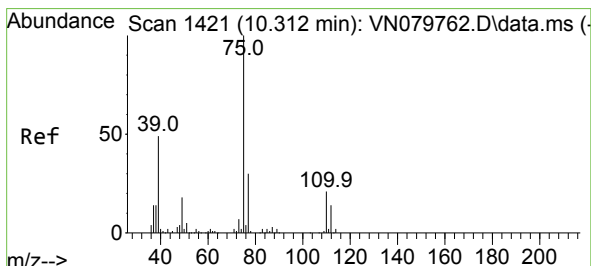
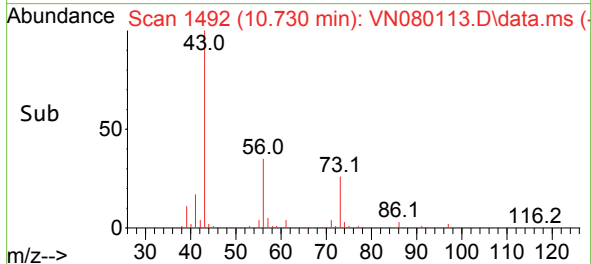
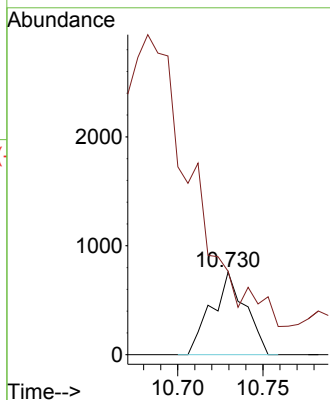
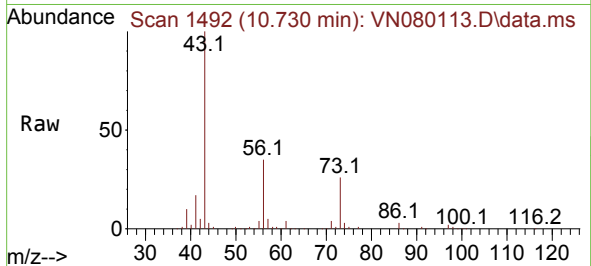




#53
 t-1,3-Dichloropropene
 Concen: 0.264 ug/l
 RT: 10.730 min Scan# 1492
 Delta R.T. -0.112 min
 Lab File: VN080113.D
 Acq: 15 Nov 2023 16:17

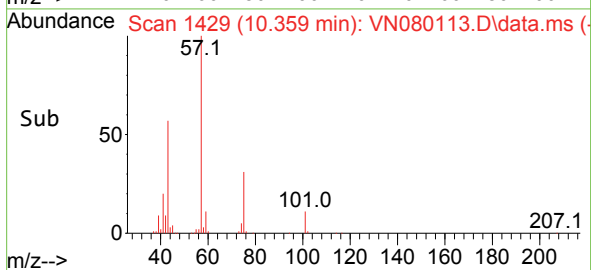
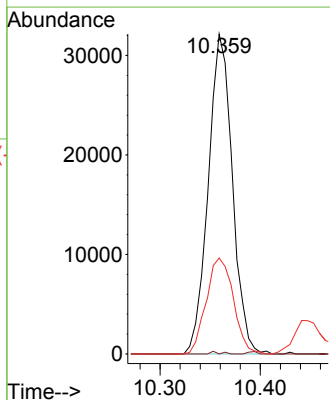
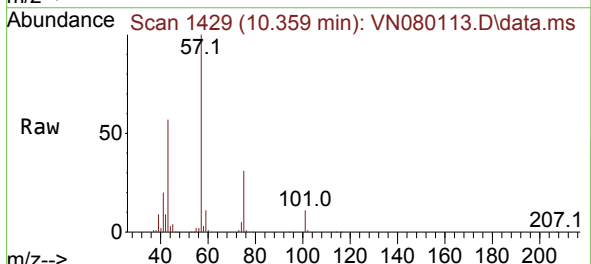
Instrument :
 MSVOA_N
 ClientSampleId :

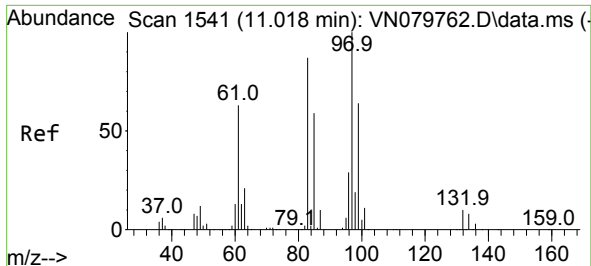
Tgt Ion: 75 Resp: 1045
 Ion Ratio Lower Upper
 75 100
 77 66.8 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 12.431 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN080113.D
 Acq: 15 Nov 2023 16:17

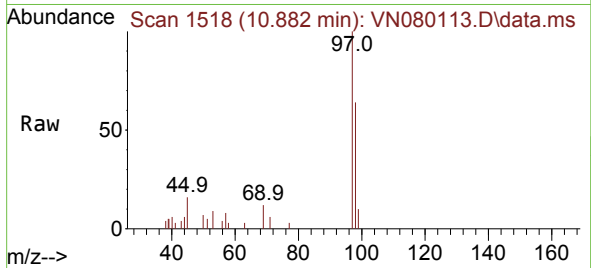
Tgt Ion: 75 Resp: 53694
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.1 39.1#
 39 29.4 31.6 47.4#



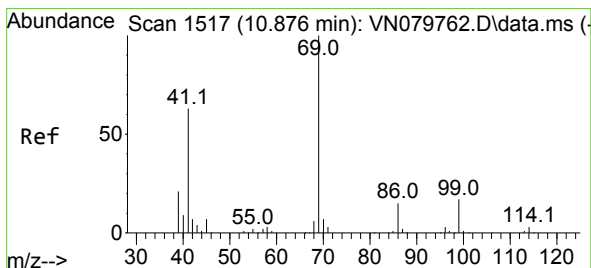
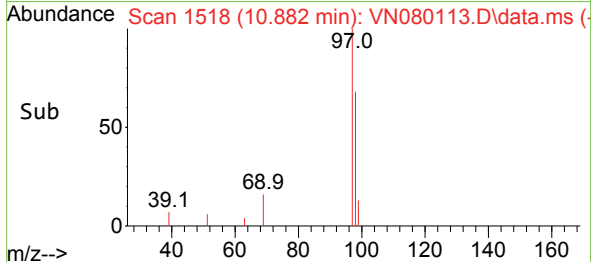
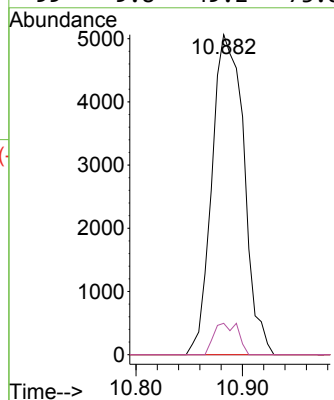


#55
1,1,2-Trichloroethane
Concen: 4.079 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.135 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

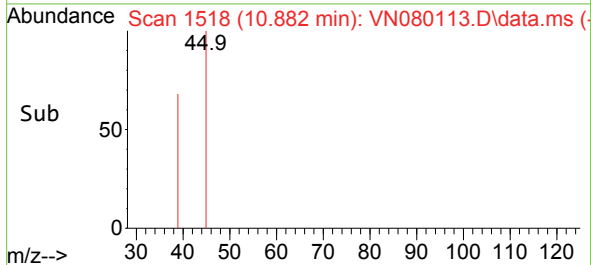
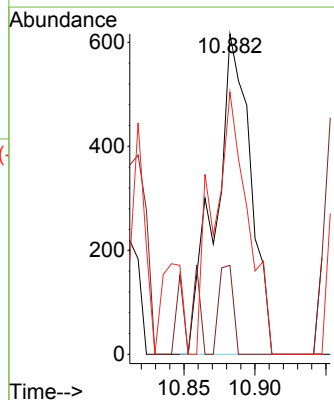
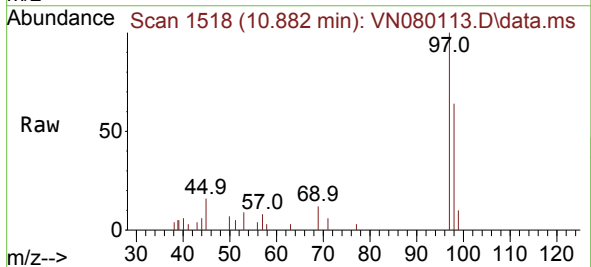


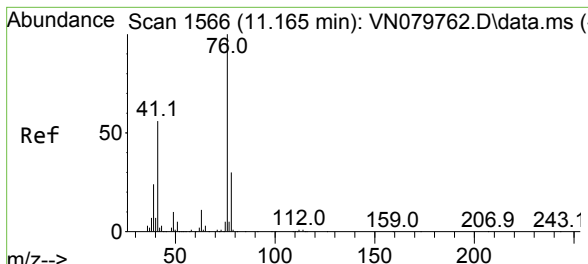
Tgt Ion:	97	Resp:	10566
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.1	97.7#
85	0.0	43.4	65.2#
99	9.8	49.2	73.8#



#56
Ethyl methacrylate
Concen: 0.286 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion:	69	Resp:	1056
Ion	Ratio	Lower	Upper
69	100		
41	0.0	39.6	59.4#
39	0.0	28.6	43.0#

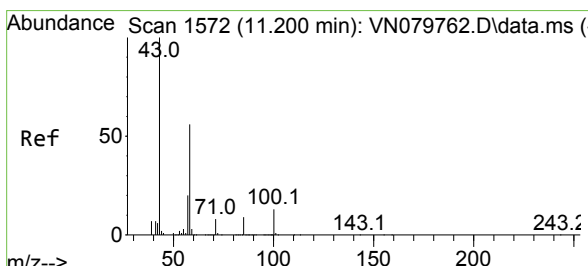
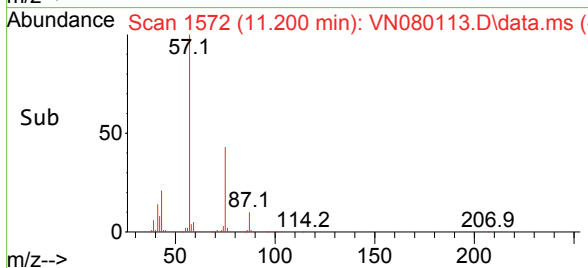
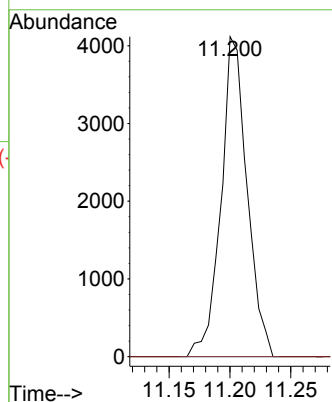
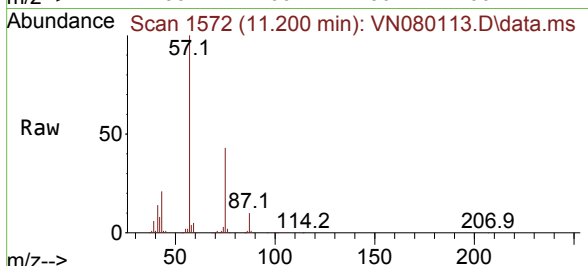




#57
 1,3-Dichloropropane
 Concen: 1.342 ug/l
 RT: 11.200 min Scan# 11
 Delta R.T. 0.035 min
 Lab File: VN080113.D
 Acq: 15 Nov 2023 16:17

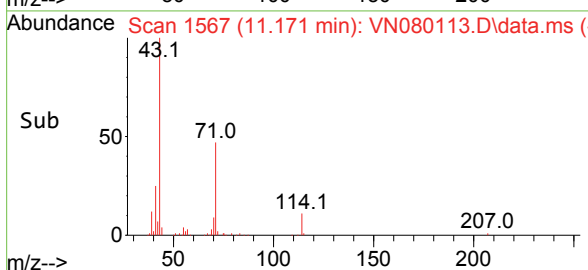
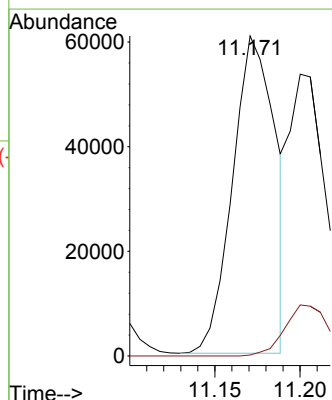
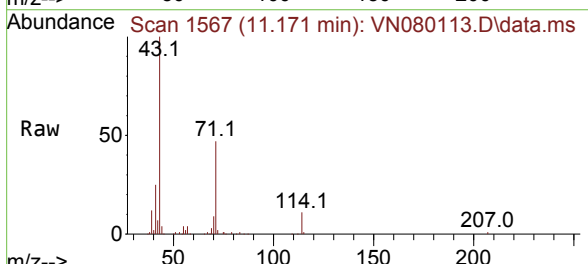
Instrument :
 MSVOA_N
 ClientSampleId :

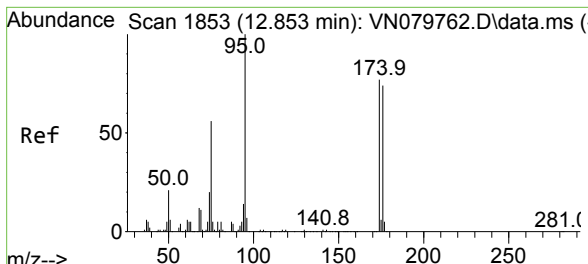
Tgt Ion: 76 Resp: 6129
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#



#59
 2-Hexanone
 Concen: 41.913 ug/l
 RT: 11.171 min Scan# 1567
 Delta R.T. -0.029 min
 Lab File: VN080113.D
 Acq: 15 Nov 2023 16:17

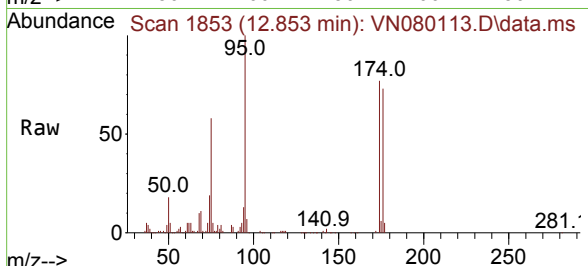
Tgt Ion: 43 Resp: 105292
 Ion Ratio Lower Upper
 43 100
 58 0.0 31.7 95.1#



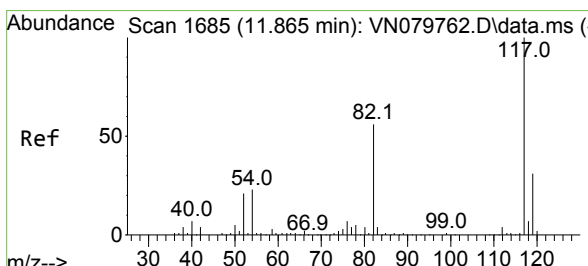
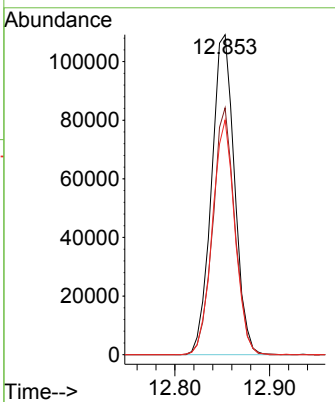
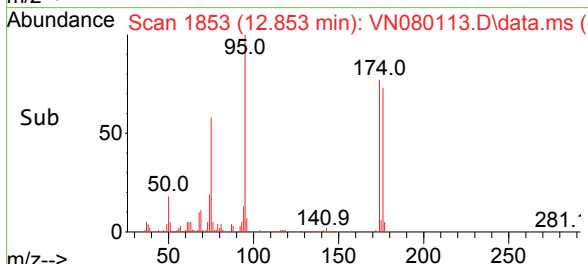


#62
 4-Bromofluorobenzene
 Concen: 59.327 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN080113.D
 Acq: 15 Nov 2023 16:17

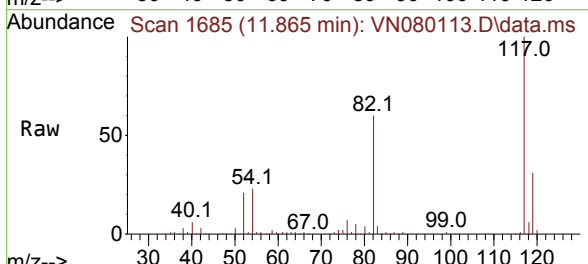
Instrument :
 MSVOA_N
 ClientSampleId :



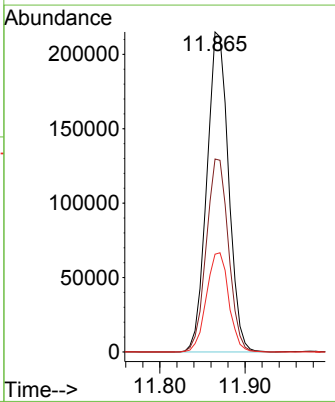
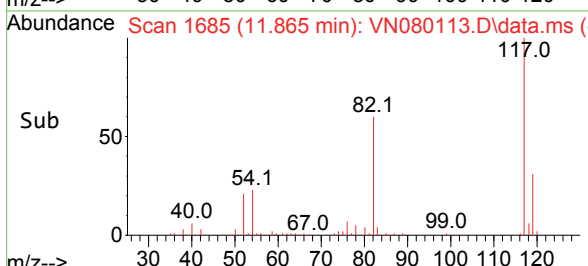
Tgt Ion:	95	Resp:	183977
Ion Ratio	Lower	Upper	
95	100		
174	74.0	0.0	143.8
176	71.8	0.0	135.8

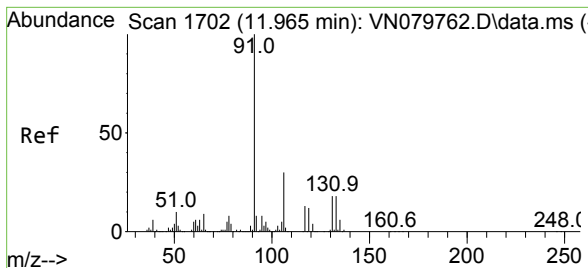


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.006 min
 Lab File: VN080113.D
 Acq: 15 Nov 2023 16:17



Tgt Ion:	117	Resp:	380807
Ion Ratio	Lower	Upper	
117	100		
82	60.3	44.0	66.0
119	30.5	25.6	38.4

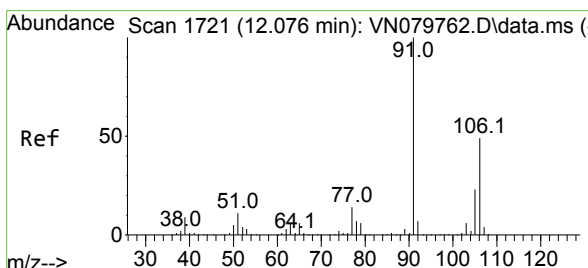
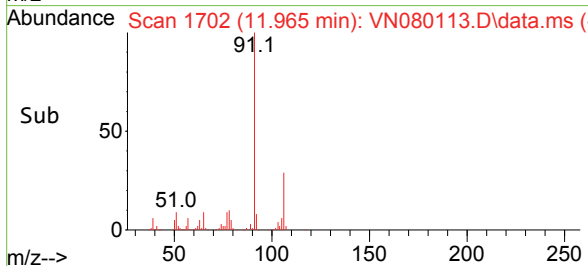
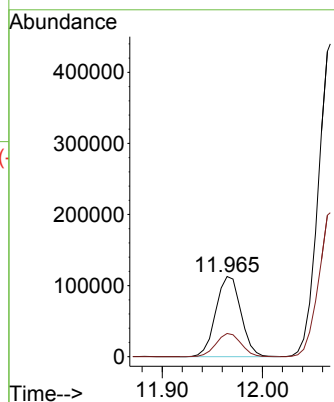
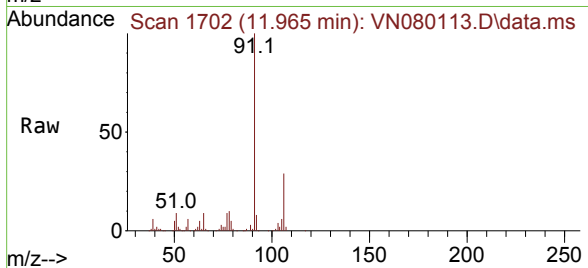




#67
Ethyl Benzene
Concen: 13.646 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

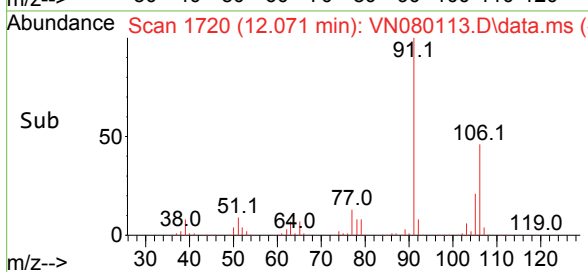
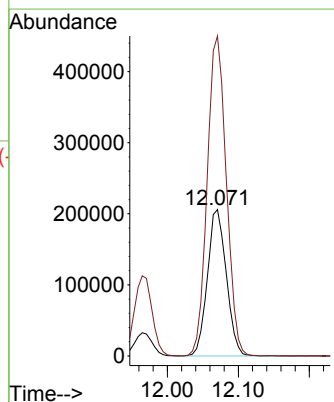
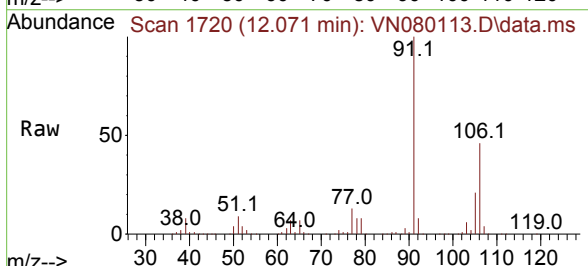
Instrument :
MSVOA_N
ClientSampleId :

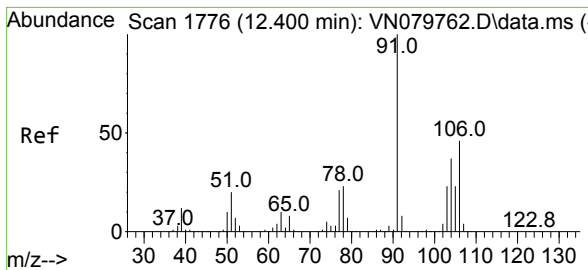
Tgt Ion: 91 Resp: 196392
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4



#68
m/p-Xylenes
Concen: 71.040 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion: 106 Resp: 380858
Ion Ratio Lower Upper
106 100
91 220.7 159.6 239.4

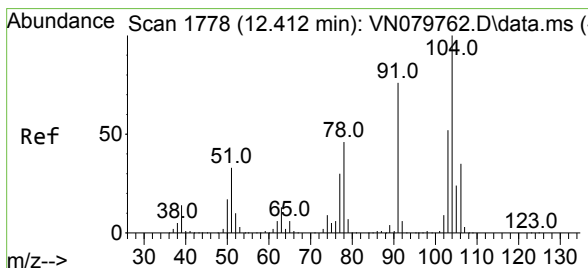
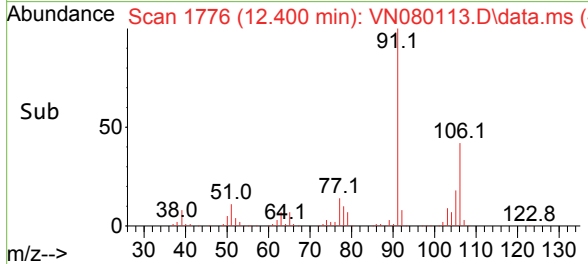
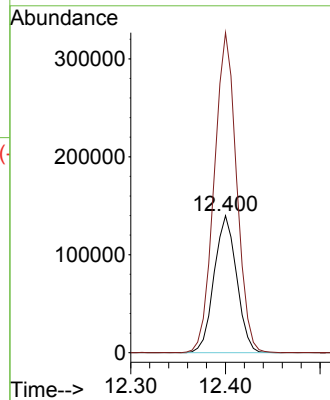
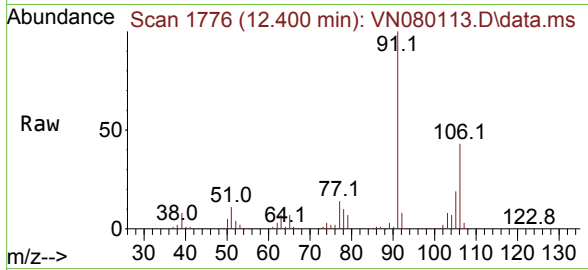




#69
o-Xylene
Concen: 44.801 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

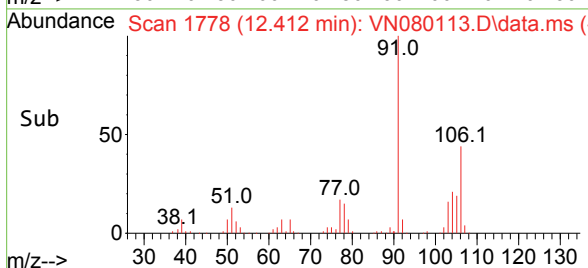
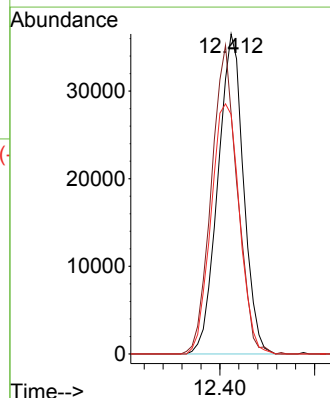
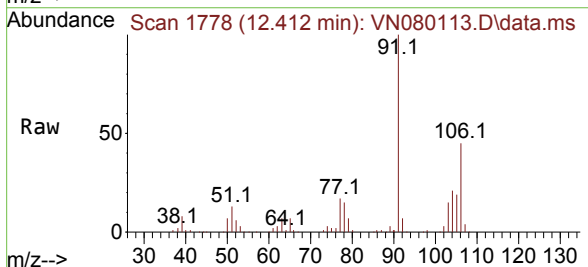
Instrument :
MSVOA_N
ClientSampleId :

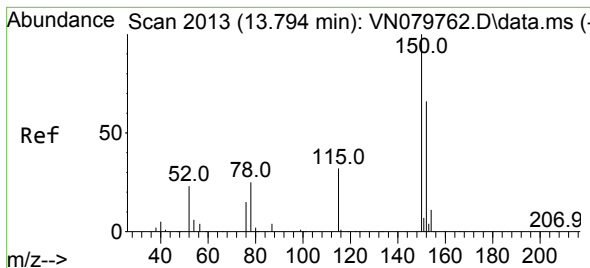
Tgt Ion:106 Resp: 231289
Ion Ratio Lower Upper
106 100
91 232.5 105.2 315.5



#70
Styrene
Concen: 8.268 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion:104 Resp: 68599
Ion Ratio Lower Upper
104 100
78 97.3 39.5 59.3#
103 87.2 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

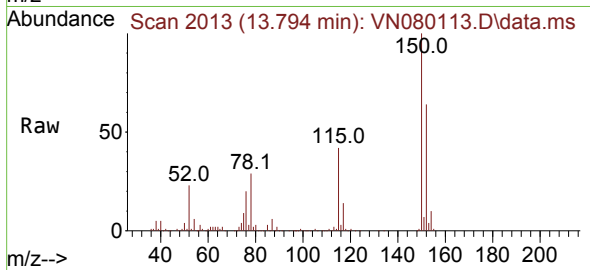
Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :



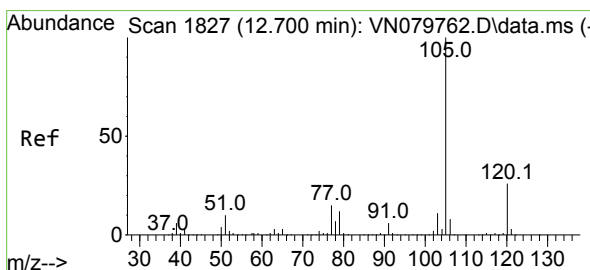
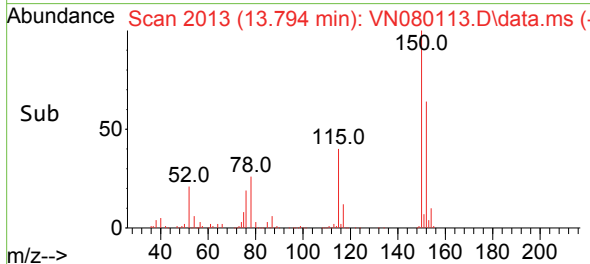
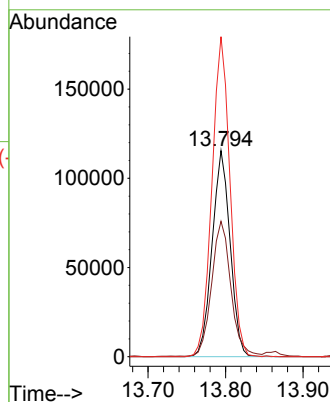
Tgt Ion:152 Resp: 185955

Ion Ratio Lower Upper

152 100

115 71.2 32.3 96.8

150 155.3 0.0 355.8



#73

Isopropylbenzene

Concen: 0.735 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080113.D

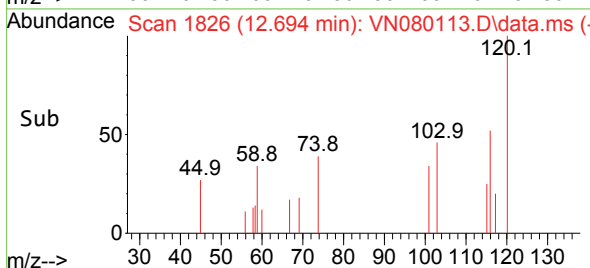
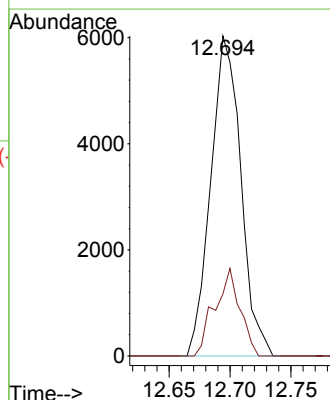
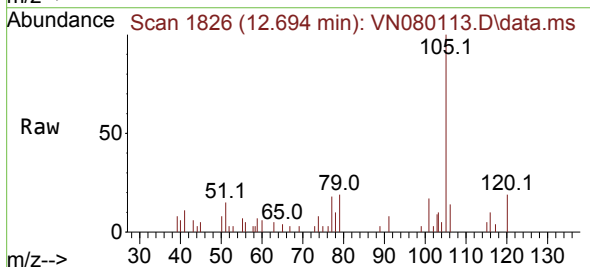
Acq: 15 Nov 2023 16:17

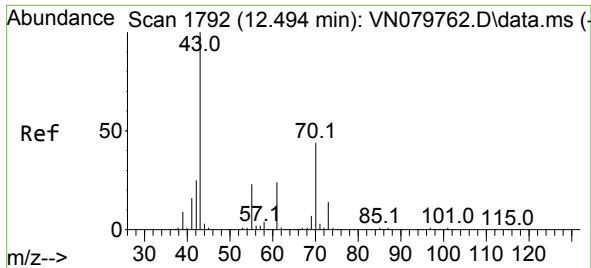
Tgt Ion:105 Resp: 10373

Ion Ratio Lower Upper

105 100

120 23.0 13.1 39.1

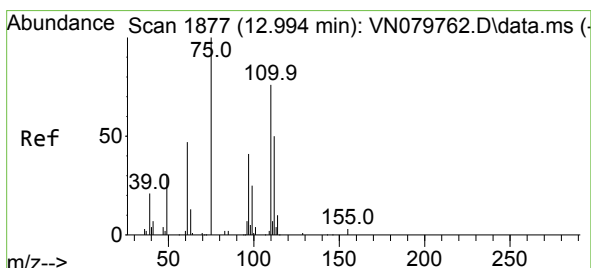
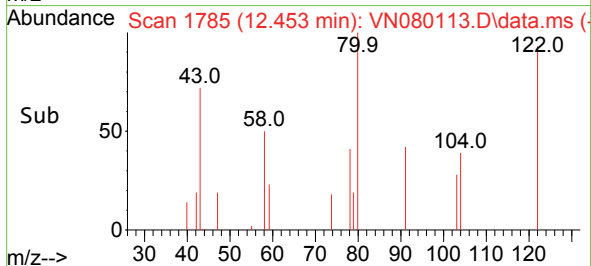
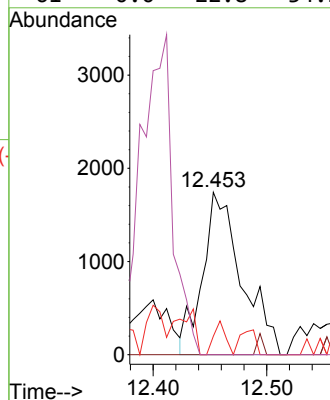
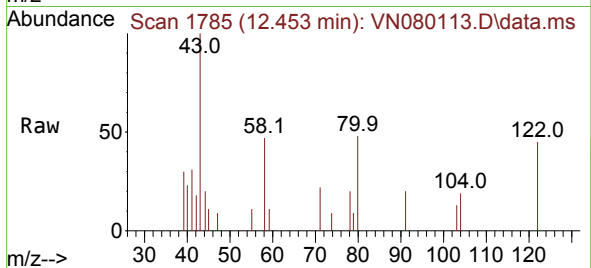




#74
N-amy1 acetate
Concen: 0.679 ug/l
RT: 12.453 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

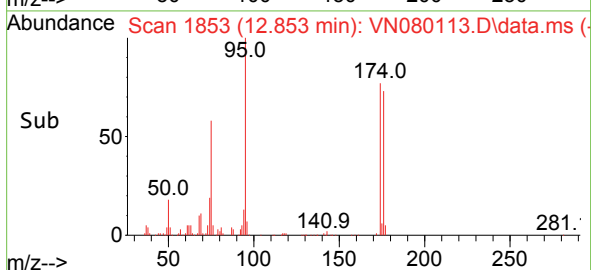
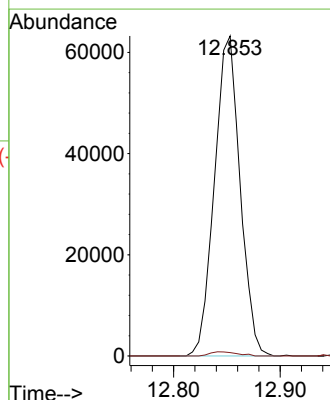
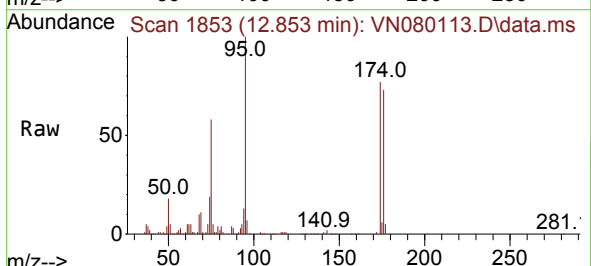
Instrument :
MSVOA_N
ClientSampleId :

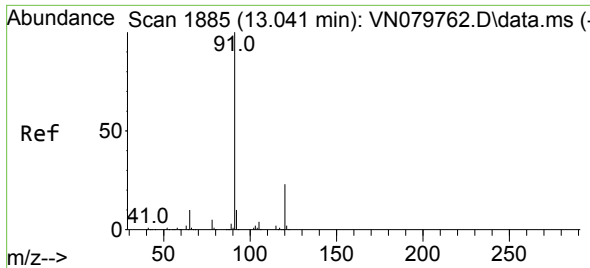
Tgt Ion: 43	Resp: 4180
Ion Ratio	Lower Upper
43	100
70	0.0 43.4 65.2#
55	6.1 21.4 32.0#
61	0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 24.159 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion: 75	Resp: 105472
Ion Ratio	Lower Upper
75	100
77	1.4 84.5 253.5#

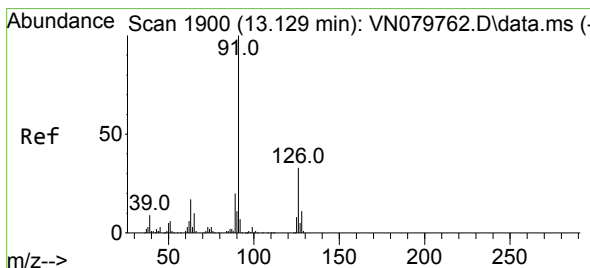
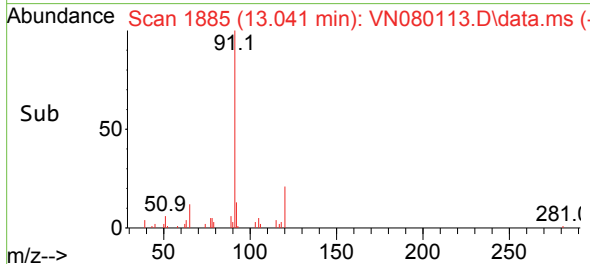
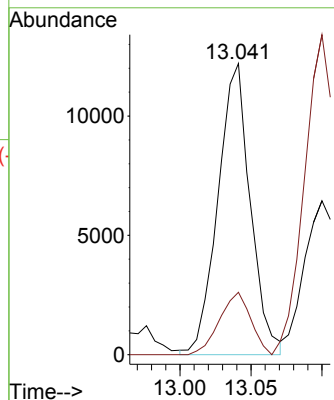
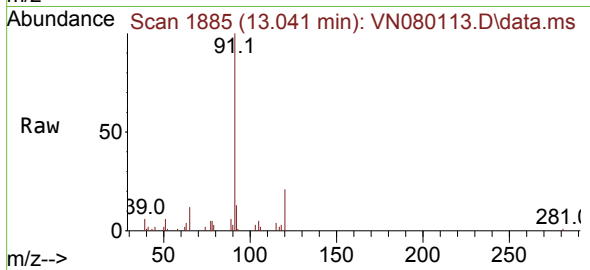




#78
n-propylbenzene
Concen: 1.199 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

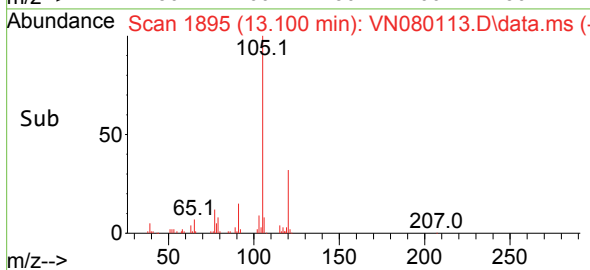
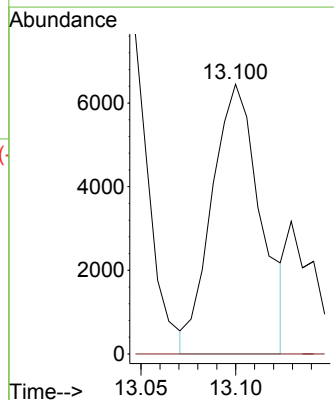
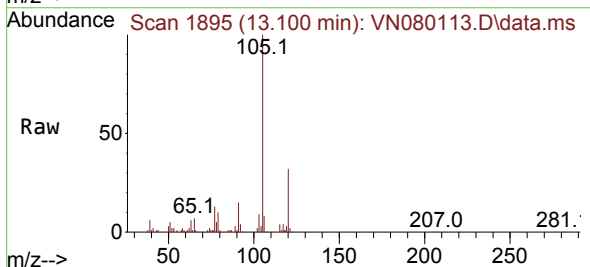
Instrument :
MSVOA_N
ClientSampleId :

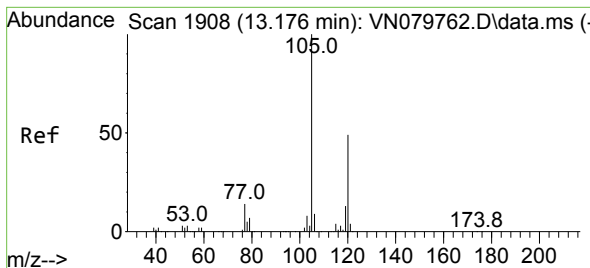
Tgt Ion: 91 Resp: 19379
Ion Ratio Lower Upper
91 100
120 20.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 1.115 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion: 91 Resp: 11512
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 7.306 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

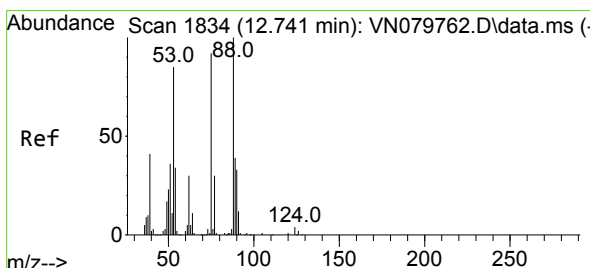
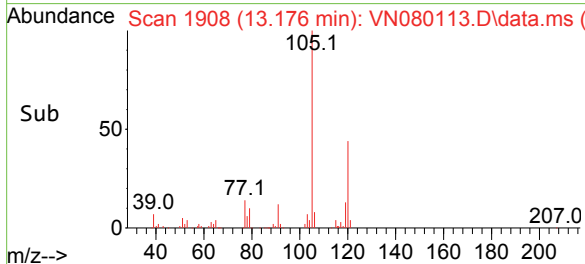
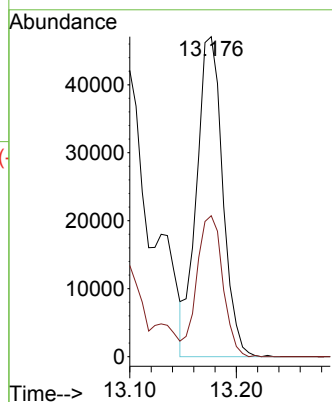
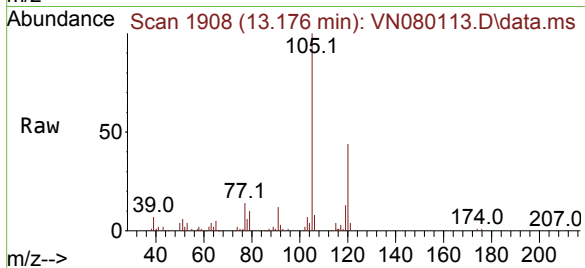
ClientSampleId :

Tgt Ion:105 Resp: 80223

Ion Ratio Lower Upper

105 100

120 43.8 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 65.732 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

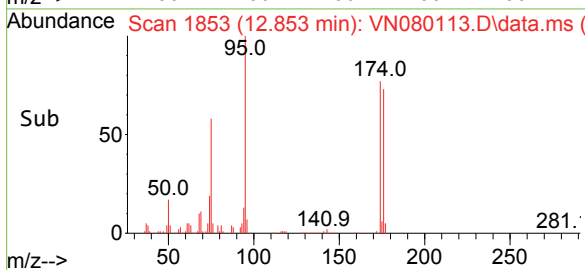
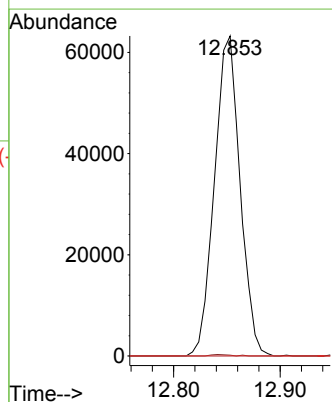
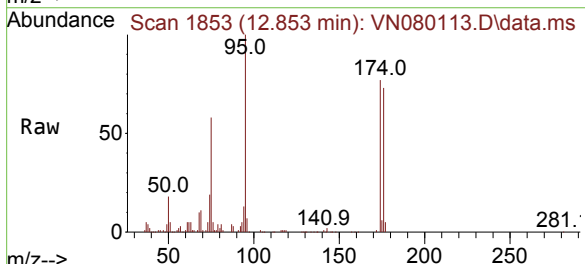
Tgt Ion: 75 Resp: 105472

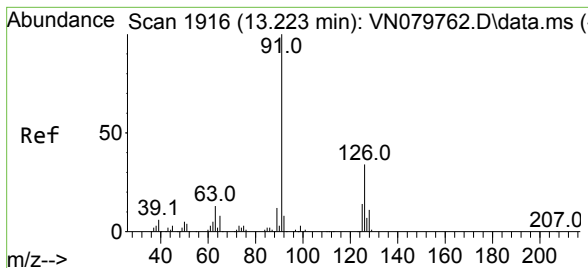
Ion Ratio Lower Upper

75 100

53 0.3 67.4 101.2#

89 0.0 38.8 58.2#

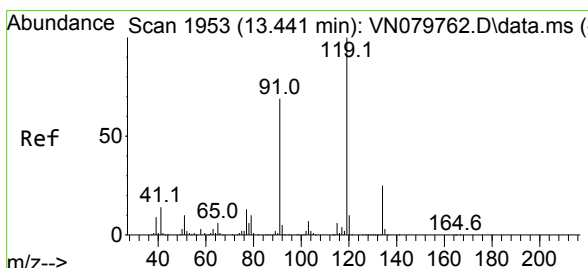
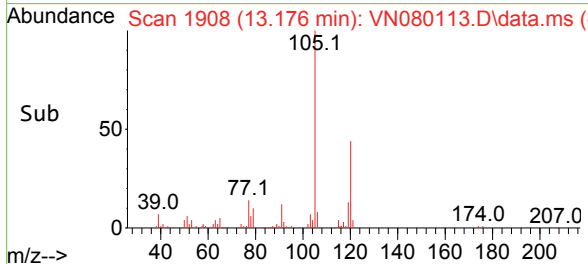
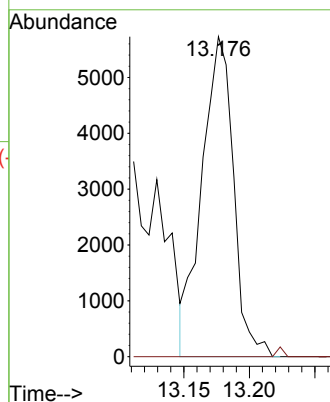
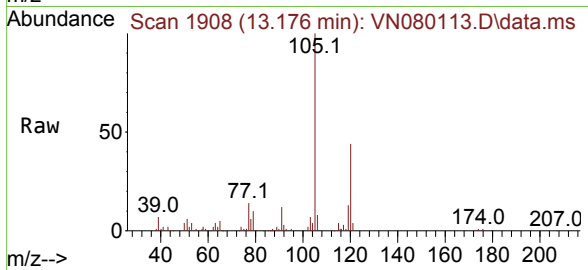




#82
4-Chlorotoluene
Concen: 0.935 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

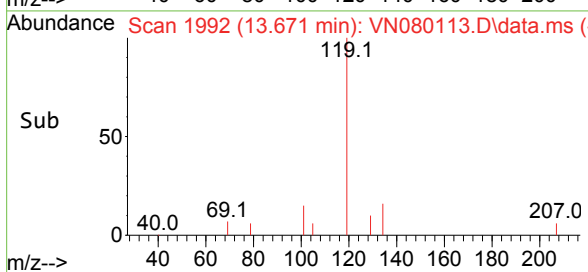
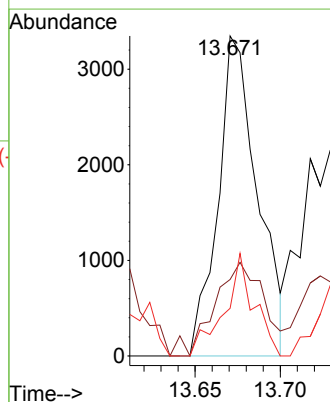
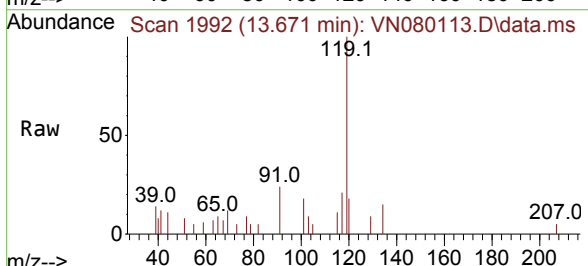
Instrument :
MSVOA_N
ClientSampleId :

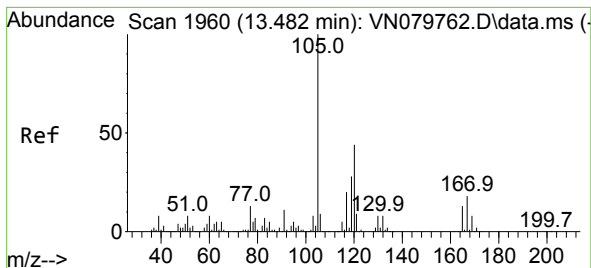
Tgt Ion: 91 Resp: 9590
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 0.601 ug/l
RT: 13.671 min Scan# 1992
Delta R.T. 0.230 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Tgt Ion: 119 Resp: 5405
Ion Ratio Lower Upper
119 100
91 35.3 33.9 101.7
134 24.2 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 20.212 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

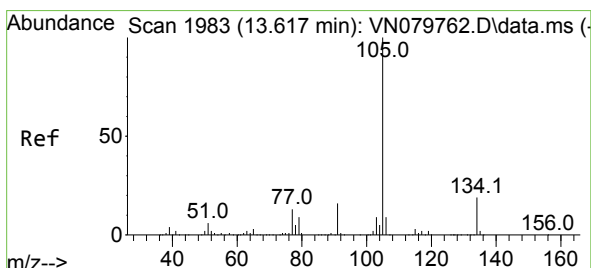
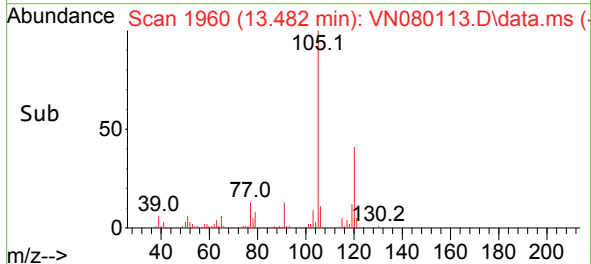
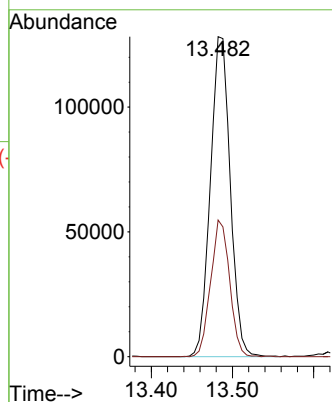
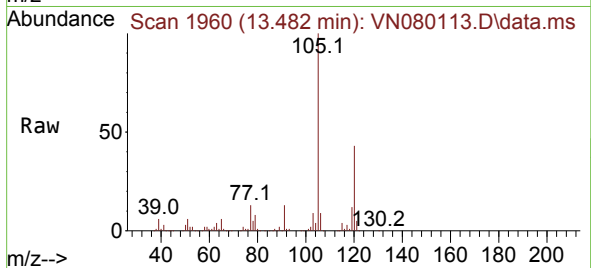
ClientSampleId :

Tgt Ion:105 Resp: 218353

Ion Ratio Lower Upper

105 100

120 40.7 22.0 66.0



#85

sec-Butylbenzene

Concen: 17.535 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN080113.D

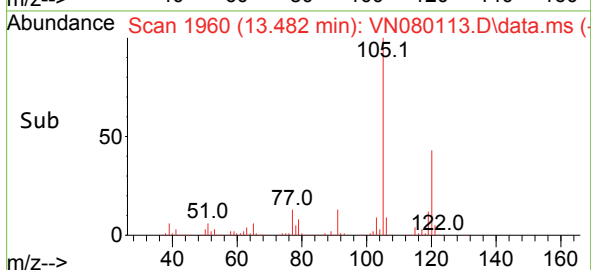
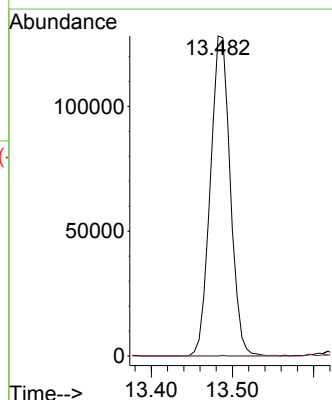
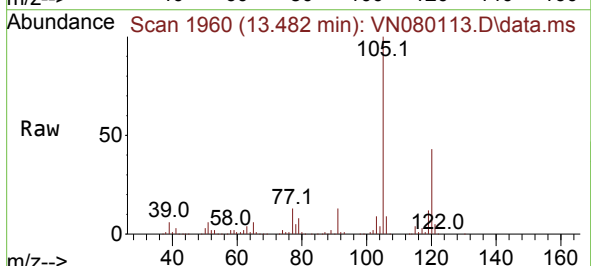
Acq: 15 Nov 2023 16:17

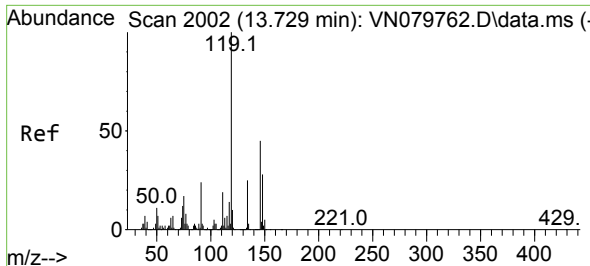
Tgt Ion:105 Resp: 218353

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#

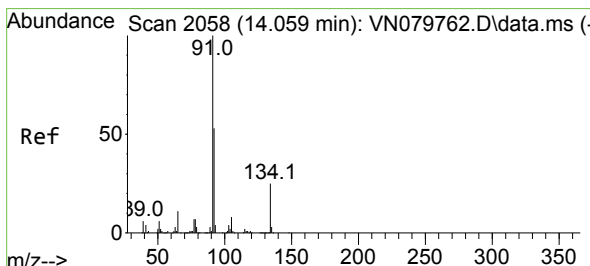
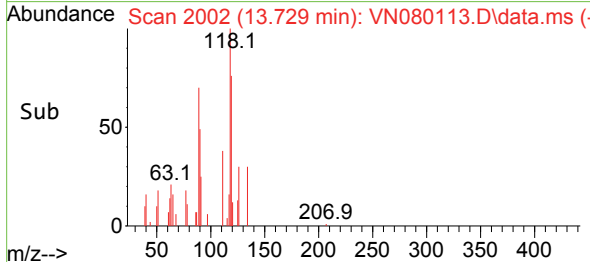
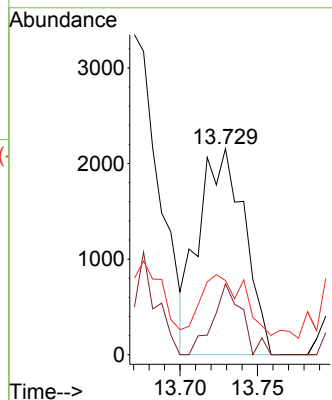
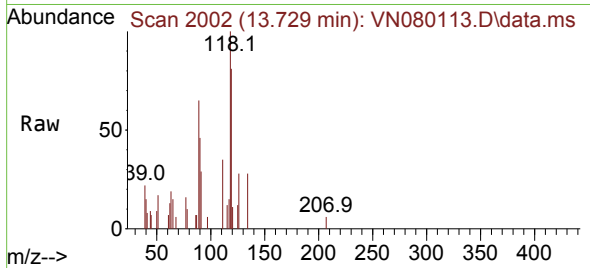




#86
 p-Isopropyltoluene
 Concen: 0.437 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080113.D
 Acq: 15 Nov 2023 16:17

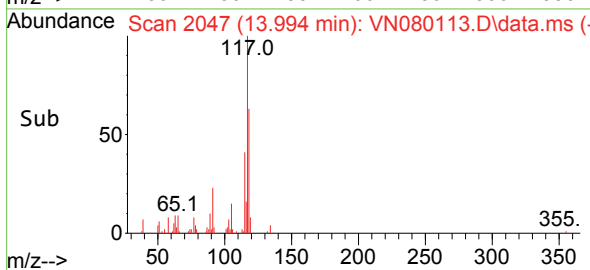
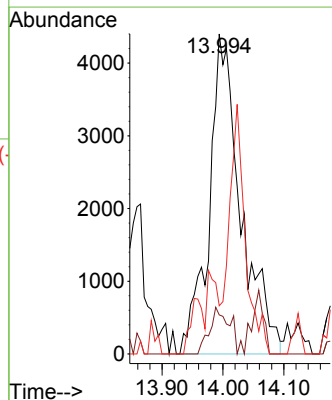
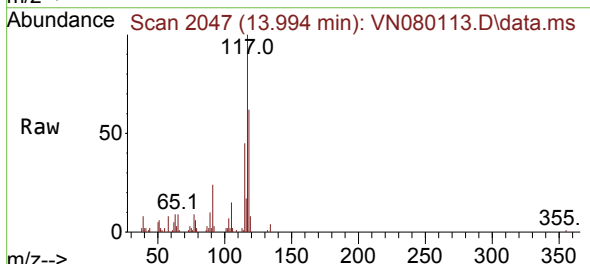
Instrument :
 MSVOA_N
 ClientSampleId :

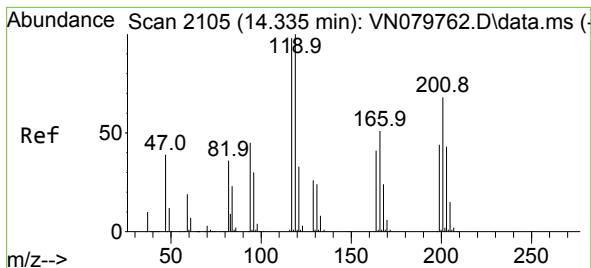
Tgt Ion:119 Resp: 4432
 Ion Ratio Lower Upper
 119 100
 134 22.0 12.6 37.8
 91 24.2 12.4 37.2



#89
 n-Butylbenzene
 Concen: 1.825 ug/l
 RT: 13.994 min Scan# 2047
 Delta R.T. -0.065 min
 Lab File: VN080113.D
 Acq: 15 Nov 2023 16:17

Tgt Ion: 91 Resp: 15956
 Ion Ratio Lower Upper
 91 100
 92 9.4 26.4 79.0#
 134 5.4 12.6 37.6#





#90

Hexachloroethane

Concen: 1.163 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

Instrument :

MSVOA_N

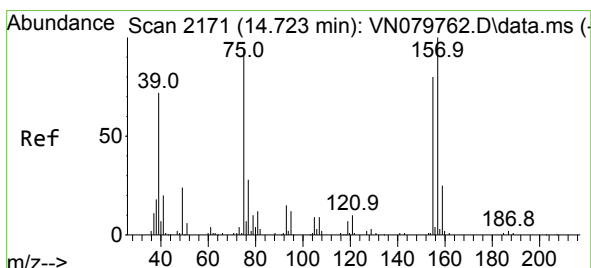
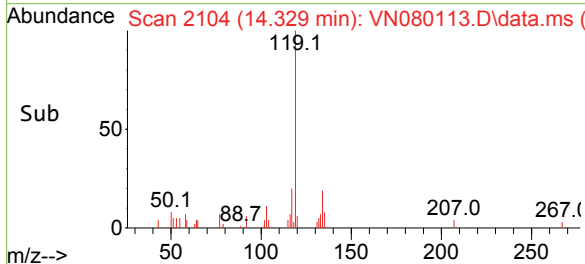
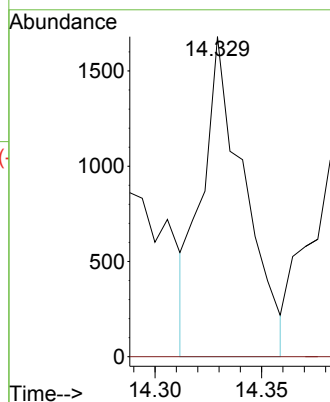
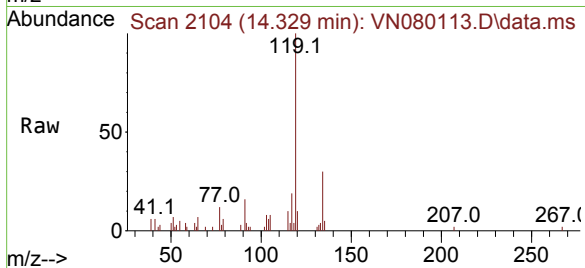
ClientSampleId :

Tgt Ion:117 Resp: 2339

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.305 ug/l

RT: 14.706 min Scan# 2168

Delta R.T. -0.017 min

Lab File: VN080113.D

Acq: 15 Nov 2023 16:17

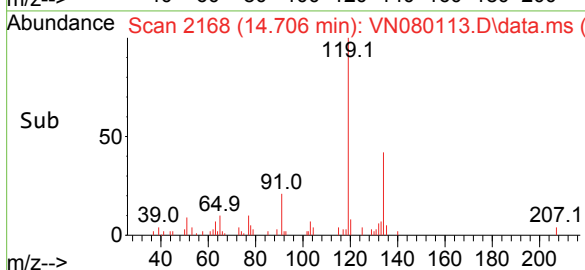
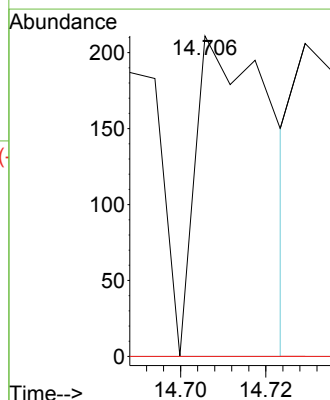
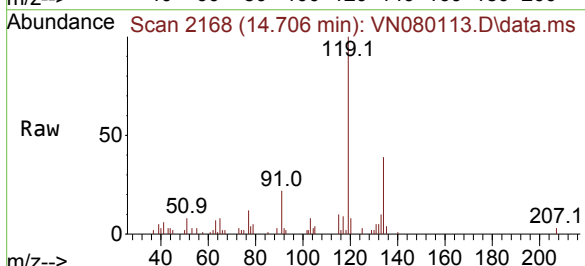
Tgt Ion: 75 Resp: 259

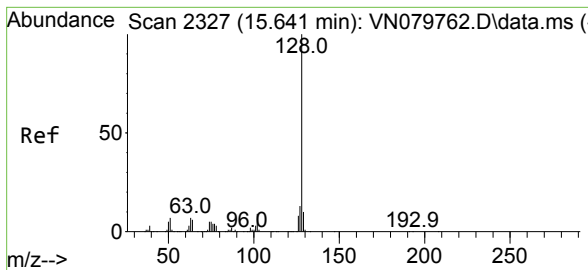
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

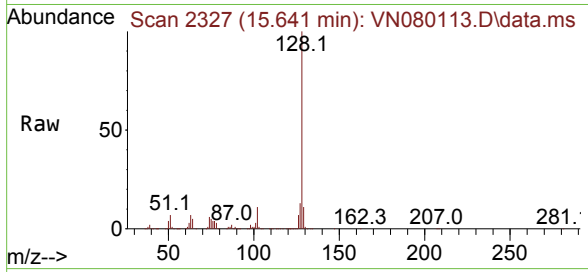
157 0.0 50.3 150.9#





#95
Naphthalene
Concen: 259.865 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080113.D
Acq: 15 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2542584

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.9	8.7	13.1

