

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080115.D
 Acq On : 15 Nov 2023 17:05
 Operator : JC\MD
 Sample : 05417-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:55:33 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	200162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	381428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	380492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	163606	53.649	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.300%	
35) Dibromofluoromethane	8.171	113	127034	47.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.120%	
50) Toluene-d8	10.571	98	469156	47.207	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.420%	
62) 4-Bromofluorobenzene	12.853	95	192559	58.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.840%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	433	Below Cal	#	42
6) Chloroethane	3.112	64	502	0.201	ug/l #	43
10) Methyl Iodide	4.583	142	645	0.248	ug/l #	38
11) Tert butyl alcohol	5.518	59	1079	2.772	ug/l #	72
13) Acrolein	4.189	56	367	3.564	ug/l #	16
16) Acetone	4.424	43	54791	51.150	ug/l #	87
18) Methyl Acetate	5.036	43	5383	1.050	ug/l	97
20) Methylene Chloride	5.277	84	9324	3.450	ug/l #	90
25) 2-Butanone	7.494	43	9421	6.006	ug/l	92
29) Tetrahydrofuran	7.841	42	236	0.231	ug/l #	20
31) Cyclohexane	8.236	56	8662	2.150	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	17755	4.606	ug/l #	49
37) Ethyl Acetate	7.565	43	4119	1.165	ug/l #	92
38) Carbon Tetrachloride	8.224	117	23788	6.124	ug/l #	15
39) Methylcyclohexane	9.600	83	3522	0.971	ug/l #	75
40) Benzene	8.606	78	3923326	339.829	ug/l	100
42) 1,2-Dichloroethane	8.612	62	37965	9.414	ug/l	74
43) Isopropyl Acetate	8.688	43	196558	31.706	ug/l #	77
48) Methyl methacrylate	9.665	41	5203	1.916	ug/l #	27
49) 1,4-Dioxane	9.883	88	55	1.146	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	88555	25.372	ug/l	95
52) Toluene	10.630	92	2179849	318.488	ug/l	100
53) t-1,3-Dichloropropene	10.630	75	31063	7.375	ug/l #	1
54) cis-1,3-Dichloropropene	10.359	75	46905	10.217	ug/l #	65
55) 1,1,2-Trichloroethane	10.882	97	17983	6.532	ug/l #	20
56) Ethyl methacrylate	10.888	69	1480	0.377	ug/l #	32
57) 1,3-Dichloropropane	11.206	76	5443	1.122	ug/l #	42
59) 2-Hexanone	11.171	43	88984	33.327	ug/l #	19
67) Ethyl Benzene	11.965	91	247619	17.220	ug/l	93
68) m/p-Xylenes	12.071	106	472398	88.188	ug/l	88
69) o-Xylene	12.400	106	273426	53.007	ug/l	89
70) Styrene	12.412	104	90057	10.864	ug/l #	48
73) Isopropylbenzene	12.700	105	10743	0.745	ug/l	100
74) N-amyl acetate	12.459	43	4552	0.723	ug/l #	36
76) 1,2,3-Trichloropropane	12.853	75	107789	24.165	ug/l #	1
78) n-propylbenzene	13.041	91	20318	1.230	ug/l	96

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

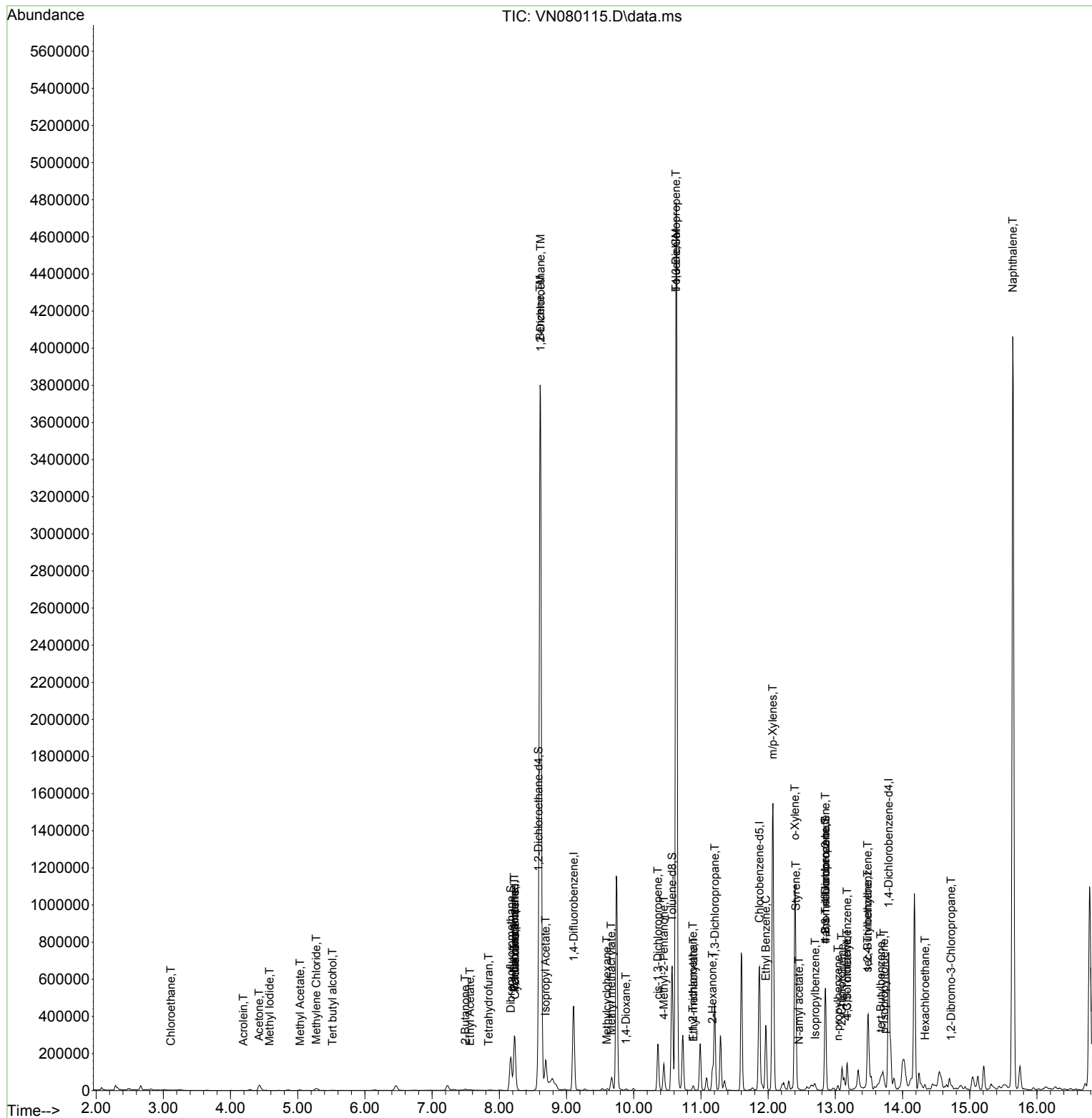
79) 2-Chlorotoluene	13.094	91	11109	1.053	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	77413	6.900	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	107789	65.748	ug/l #	16
82) 4-Chlorotoluene	13.171	91	10523	1.004	ug/l #	41
83) tert-Butylbenzene	13.676	119	5007	0.545	ug/l	84
84) 1,2,4-Trimethylbenzene	13.482	105	254077	23.019	ug/l	87
85) sec-Butylbenzene	13.482	105	254077	19.970	ug/l #	57
86) p-Isopropyltoluene	13.723	119	5680	0.548	ug/l #	74
90) Hexachloroethane	14.335	117	2093	1.019	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.723	75	382	0.441	ug/l #	4
95) Naphthalene	15.641	128	3646790	364.797	ug/l	99

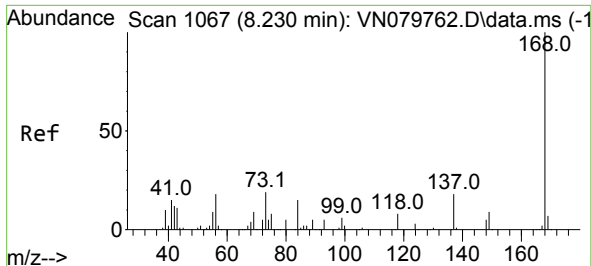
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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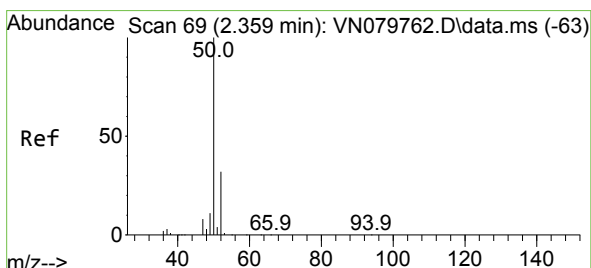
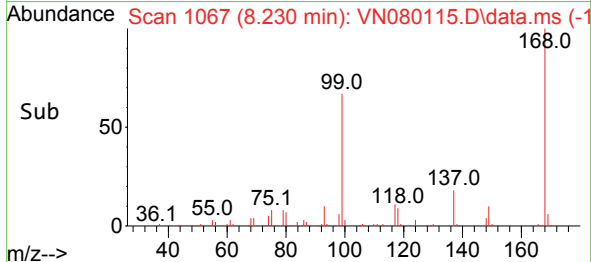
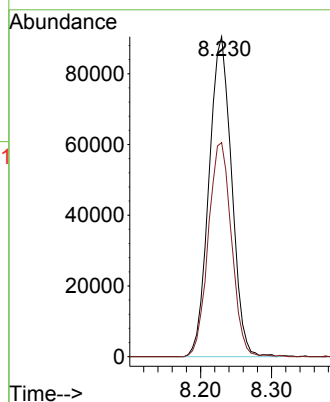
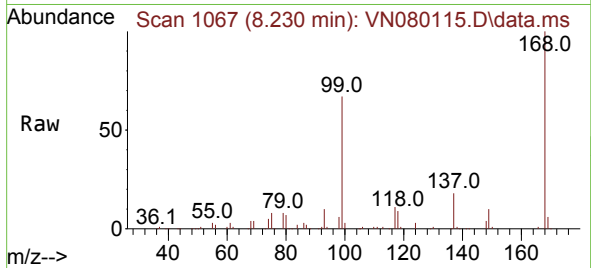




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

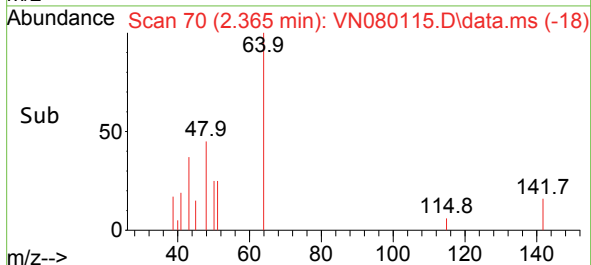
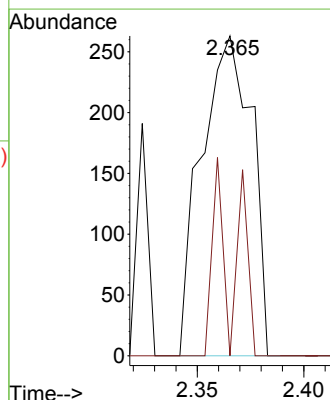
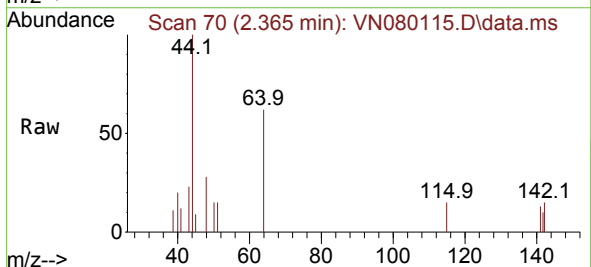
Instrument :
MSVOA_N
ClientSampleId :

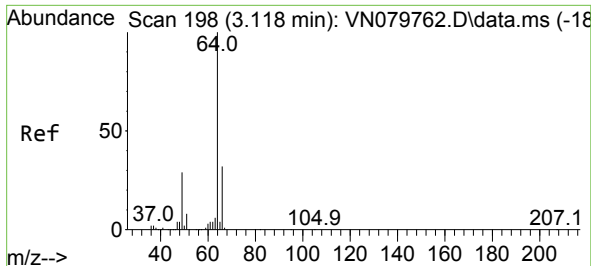
Tgt Ion:168 Resp: 200162
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 50 Resp: 433
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

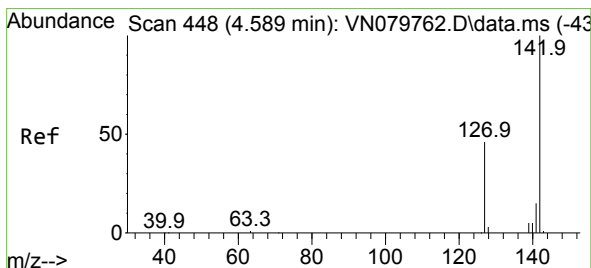
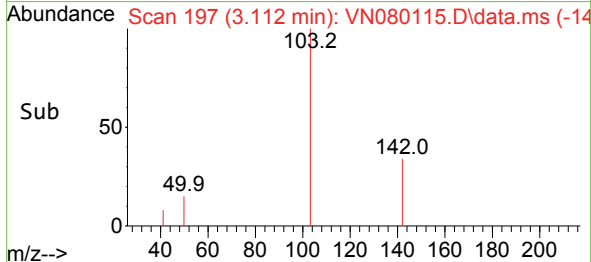
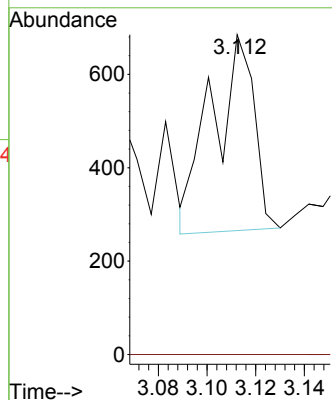
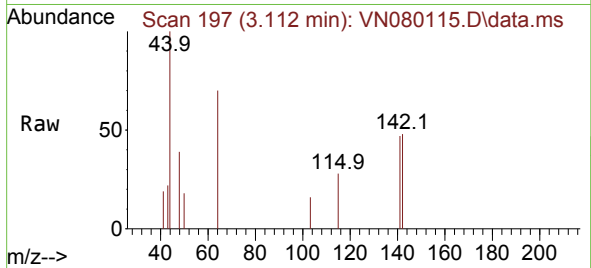




#6
Chloroethane
Concen: 0.201 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

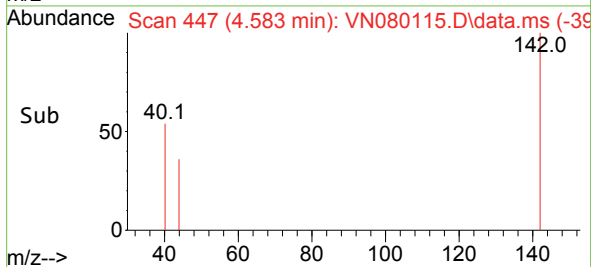
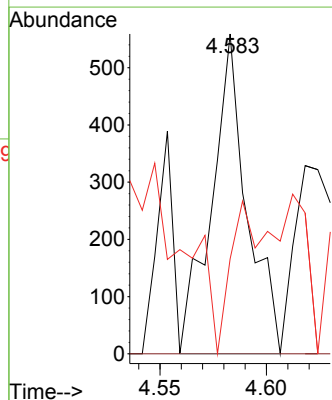
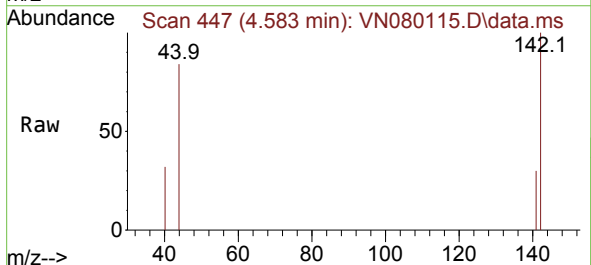
Instrument :
MSVOA_N
ClientSampleId :

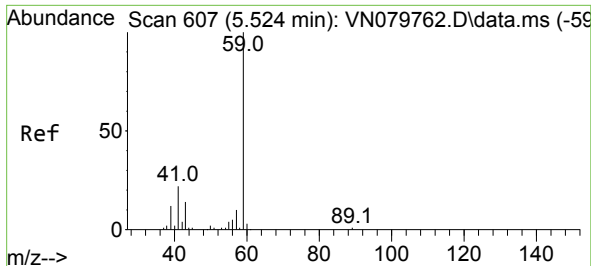
Tgt Ion: 64 Resp: 502
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.248 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 142 Resp: 645
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

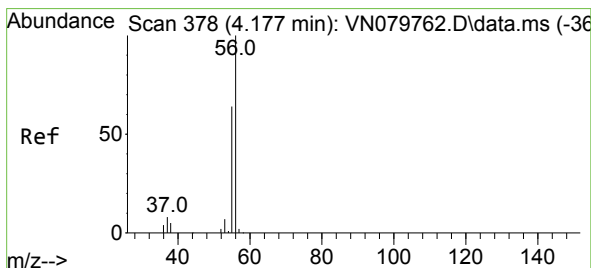
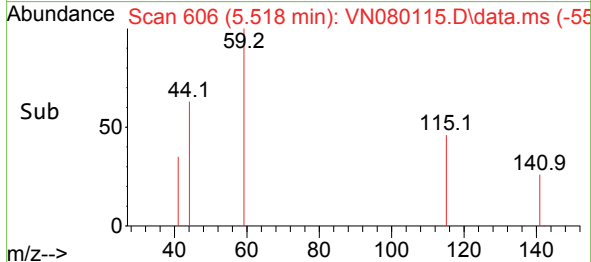
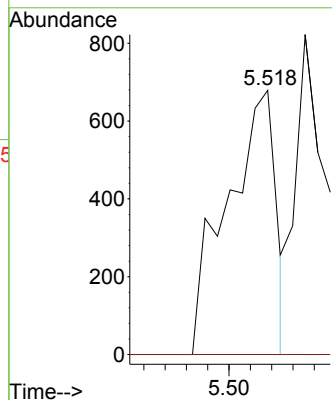
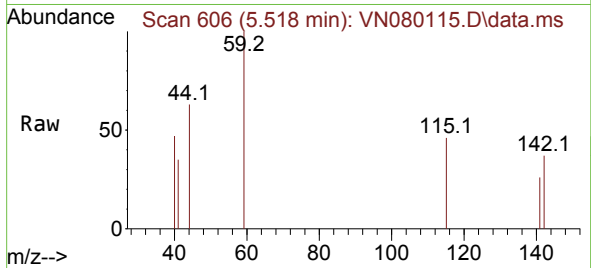




#11
Tert butyl alcohol
Concen: 2.772 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

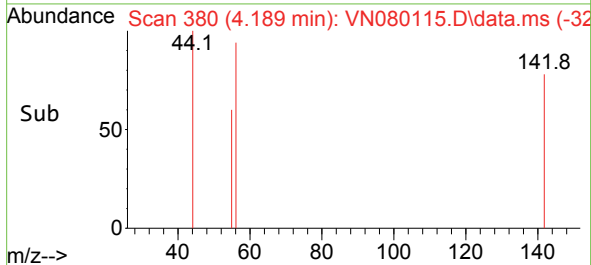
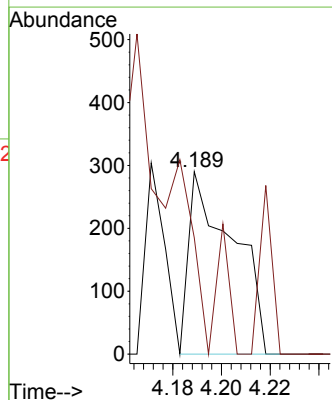
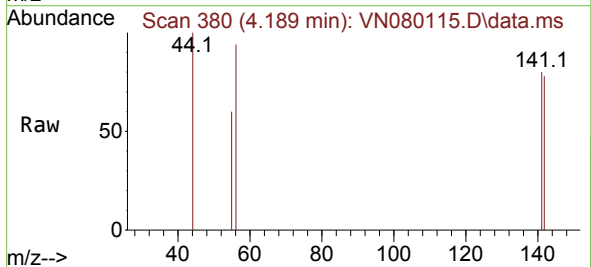
Instrument :
MSVOA_N
ClientSampleId :

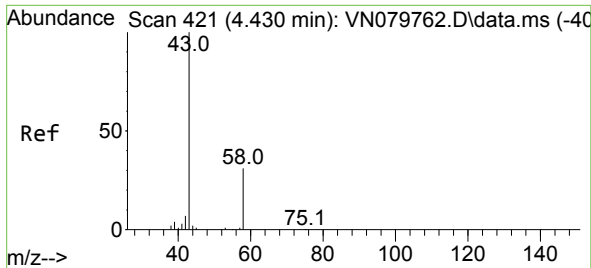
Tgt Ion: 59 Resp: 1079
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 3.564 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 56 Resp: 367
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#





#16

Acetone

Concen: 51.150 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

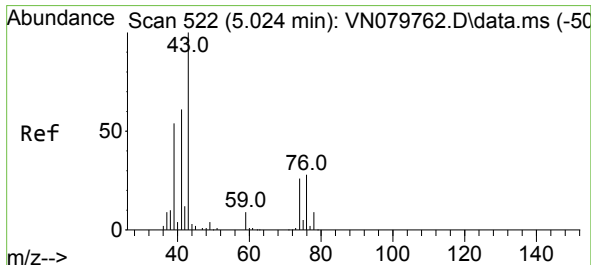
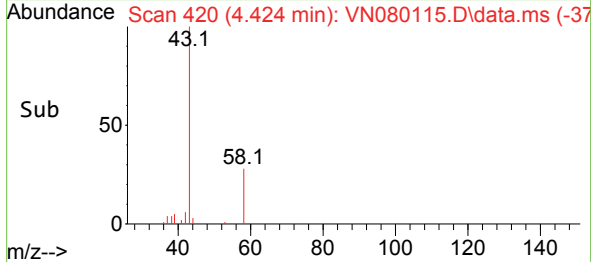
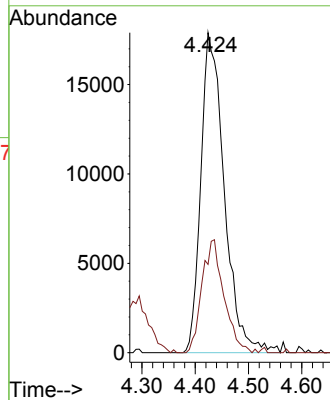
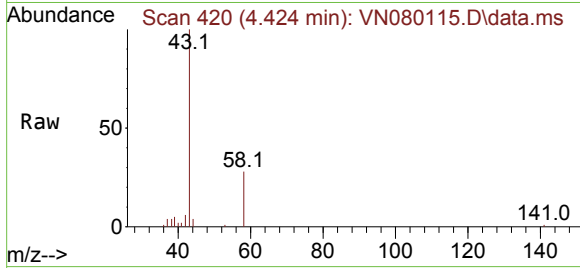
ClientSampleId :

Tgt Ion: 43 Resp: 54791

Ion Ratio Lower Upper

43 100

58 27.6 28.0 42.0#



#18

Methyl Acetate

Concen: 1.050 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN080115.D

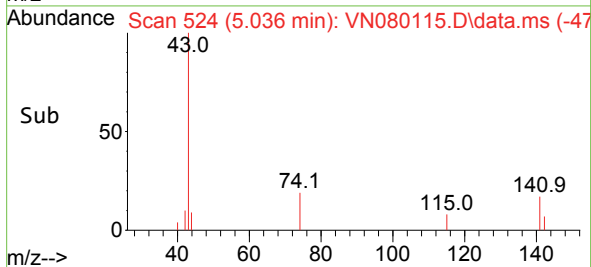
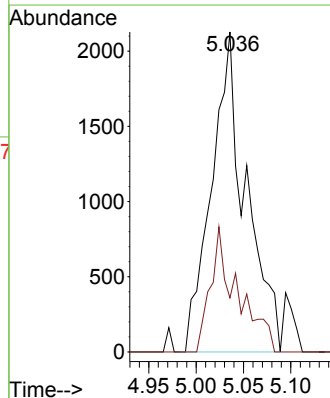
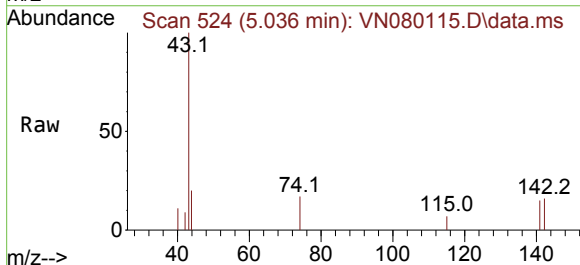
Acq: 15 Nov 2023 17:05

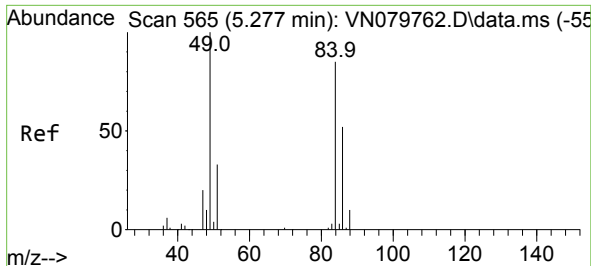
Tgt Ion: 43 Resp: 5383

Ion Ratio Lower Upper

43 100

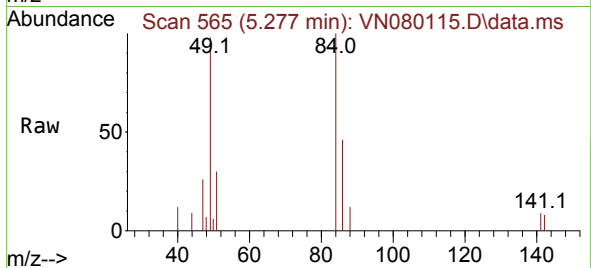
74 30.8 26.2 39.4



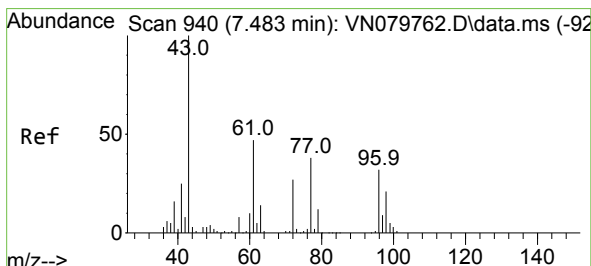
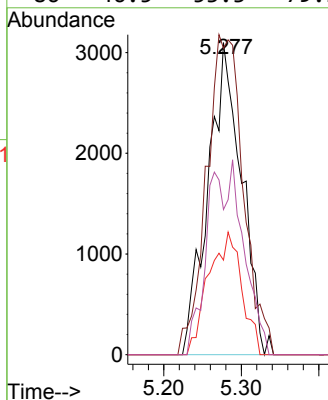
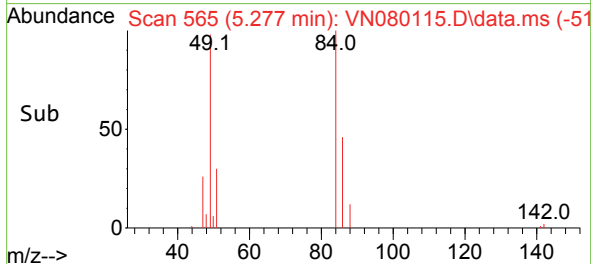


#20
Methylene Chloride
Concen: 3.450 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :

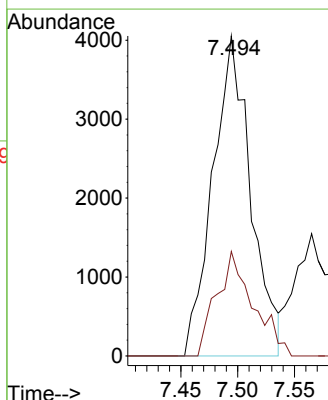
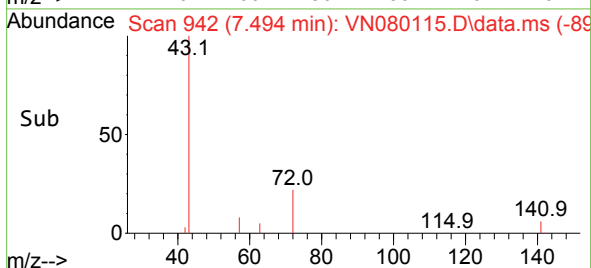
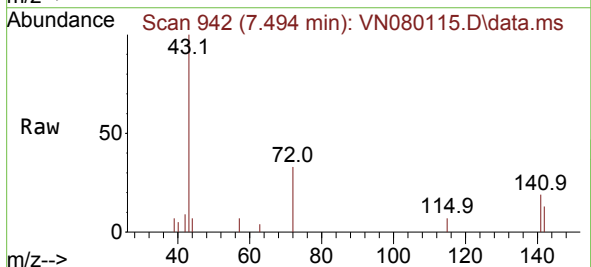


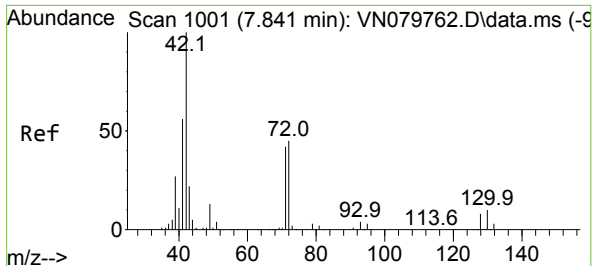
Tgt Ion:	84	Resp:	9324
Ion	Ratio	Lower	Upper
84	100		
49	98.2	79.7	119.5
51	30.3	25.2	37.8
86	46.5	53.3	79.9



#25
2-Butanone
Concen: 6.006 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion:	43	Resp:	9421
Ion	Ratio	Lower	Upper
43	100		
72	32.7	30.2	45.2





#29

Tetrahydrofuran

Concen: 0.231 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

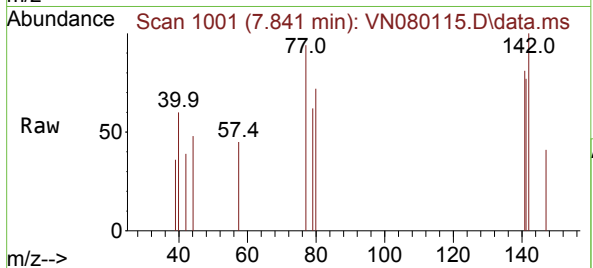
Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

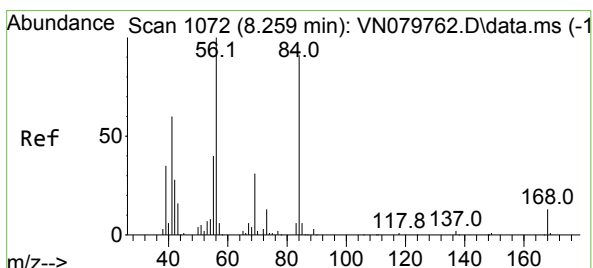
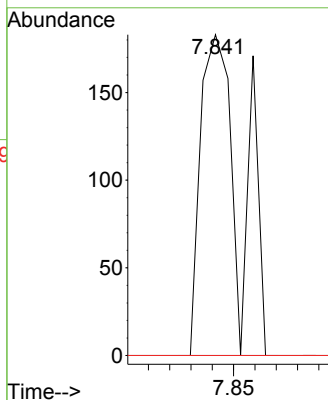
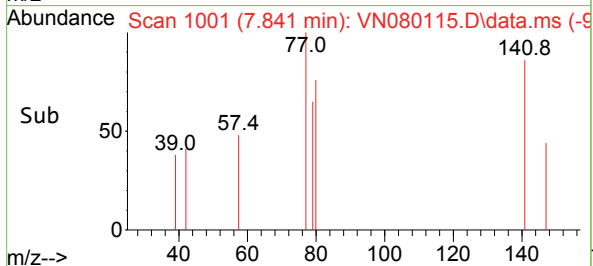
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	236
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 2.150 ug/l

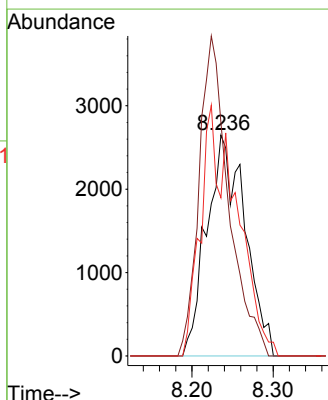
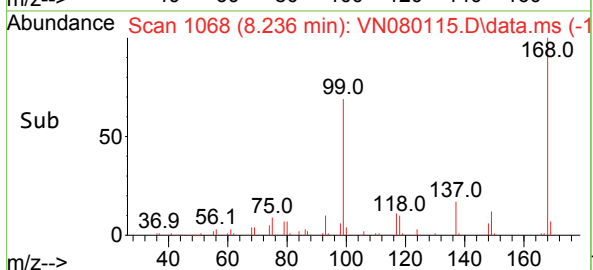
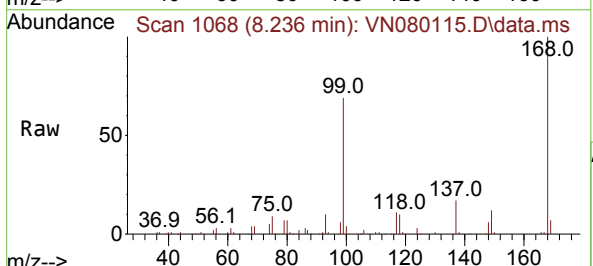
RT: 8.236 min Scan# 1068

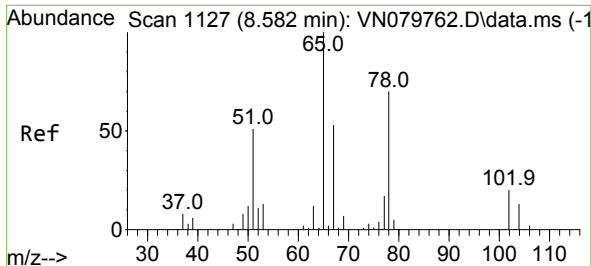
Delta R.T. -0.023 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Tgt Ion:	56	Resp:	8662
Ion	Ratio	Lower	Upper
56	100		
69	105.7	26.8	40.2#
84	71.7	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 53.649 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

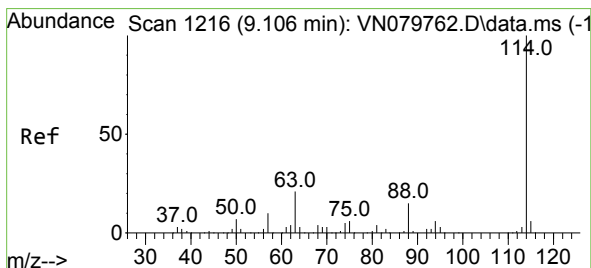
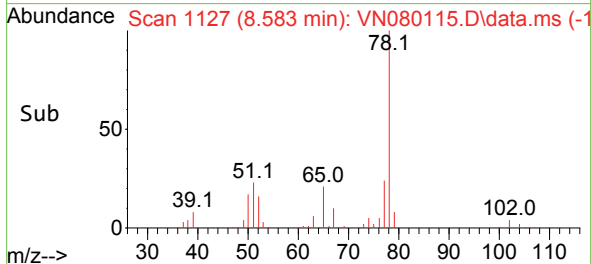
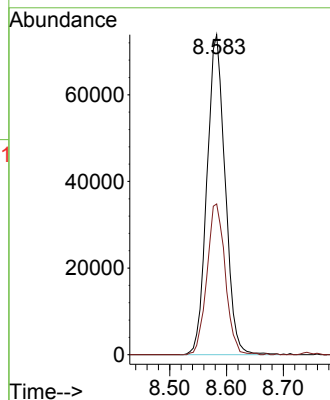
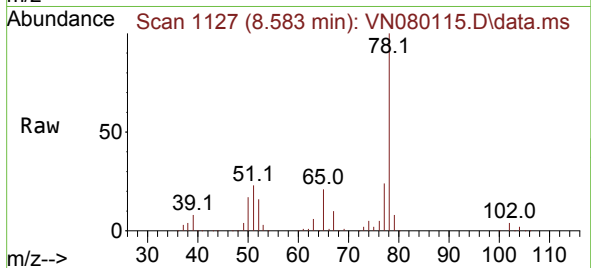
ClientSampleId :

Tgt Ion: 65 Resp: 163606

Ion Ratio Lower Upper

65 100

67 47.6 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: VN080115.D

Acq: 15 Nov 2023 17:05

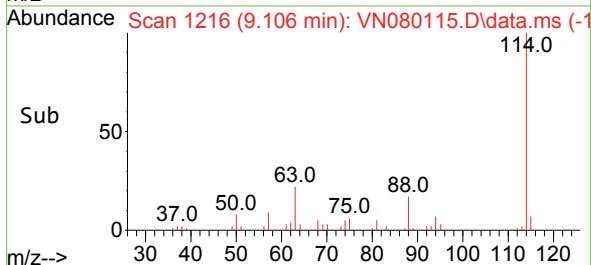
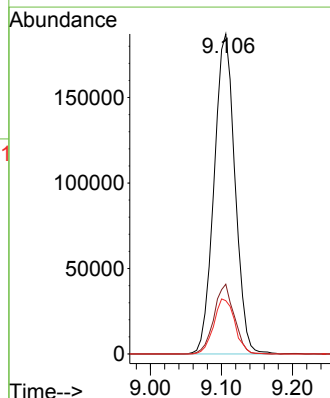
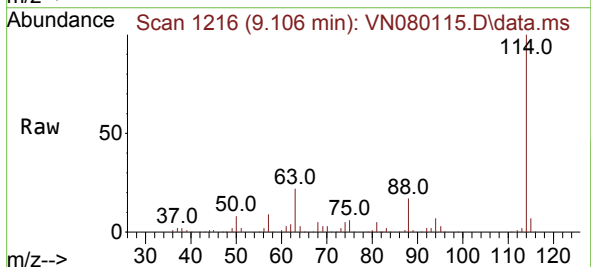
Tgt Ion: 114 Resp: 381428

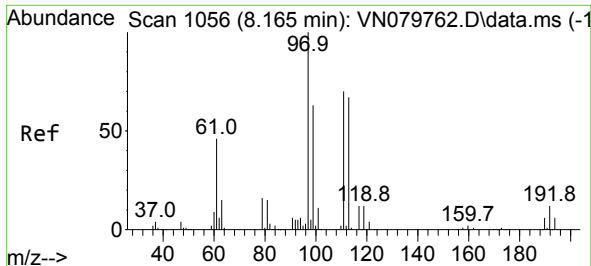
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.057 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

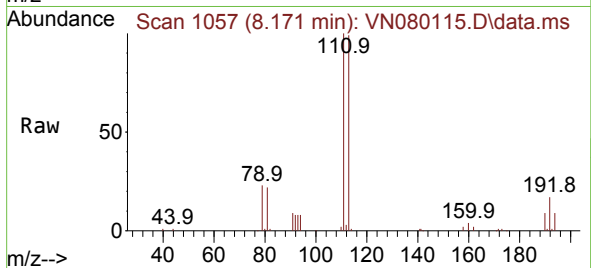
Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :



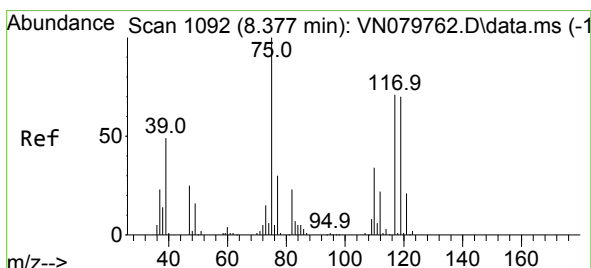
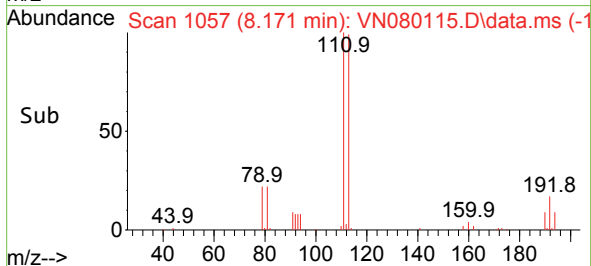
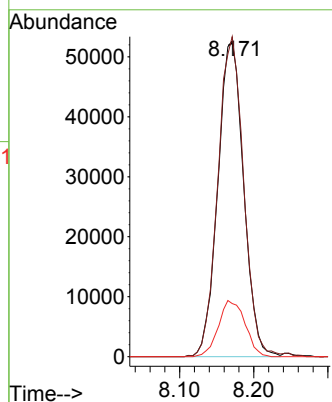
Tgt Ion:113 Resp: 127034

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 18.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.606 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

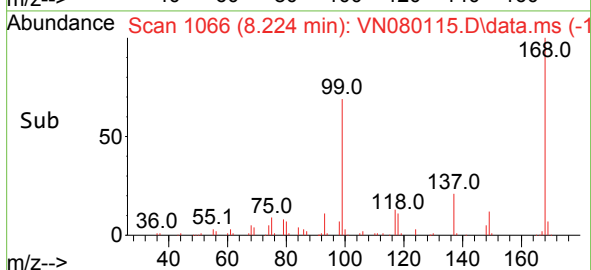
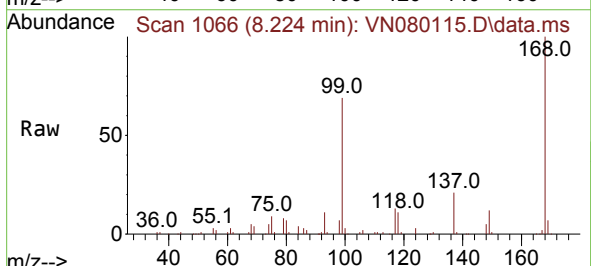
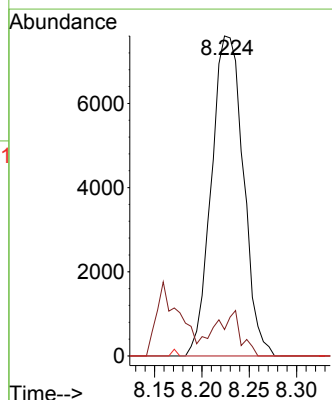
Tgt Ion: 75 Resp: 17755

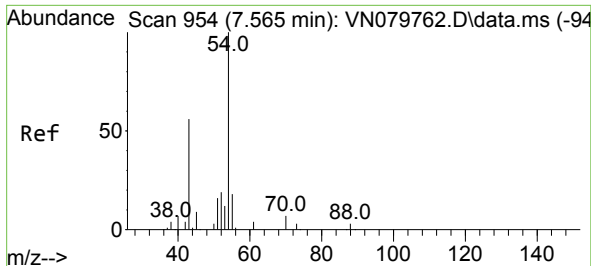
Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.165 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080115.D

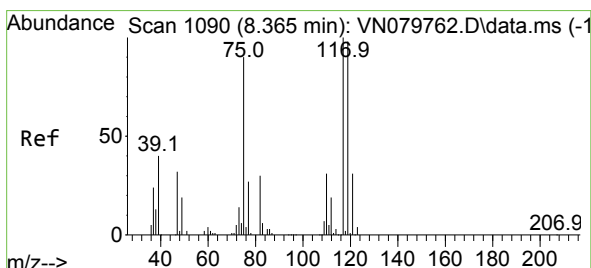
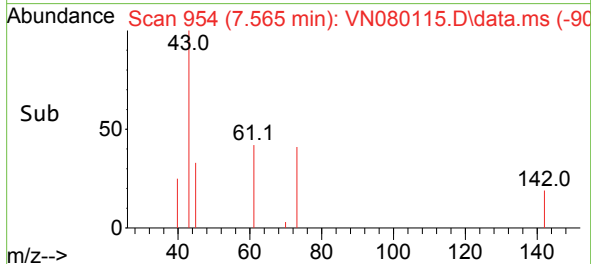
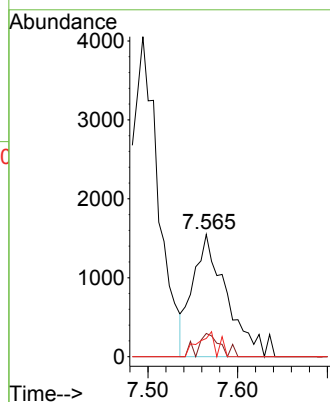
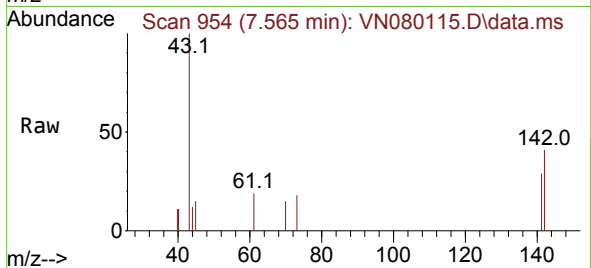
Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	4119
Ion	Ratio	Lower	Upper
43	100		
61	12.4	13.2	19.8#
70	11.3	11.3	16.9



#38

Carbon Tetrachloride

Concen: 6.124 ug/l

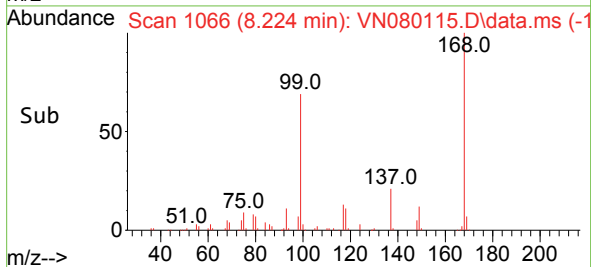
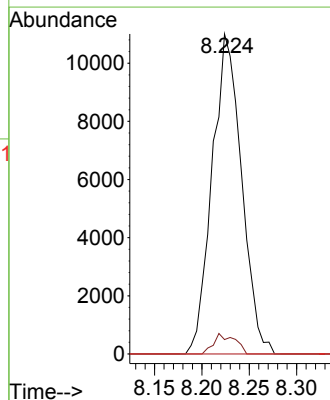
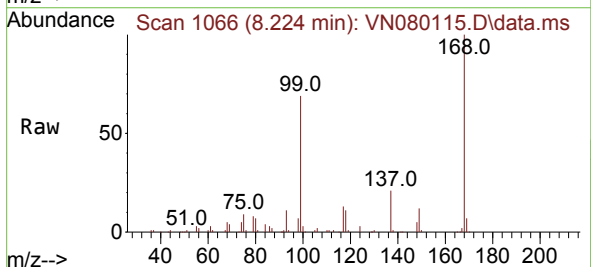
RT: 8.224 min Scan# 1066

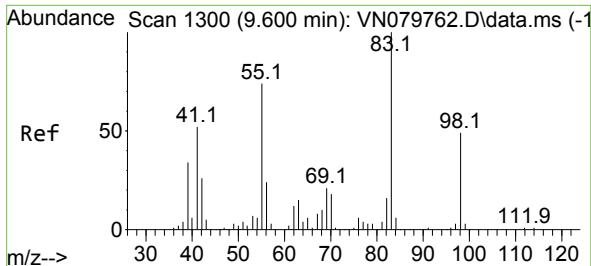
Delta R.T. -0.135 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Tgt Ion:	117	Resp:	23788
Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.3	115.9#
121	0.0	23.3	34.9#





#39

Methylcyclohexane

Concen: 0.971 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

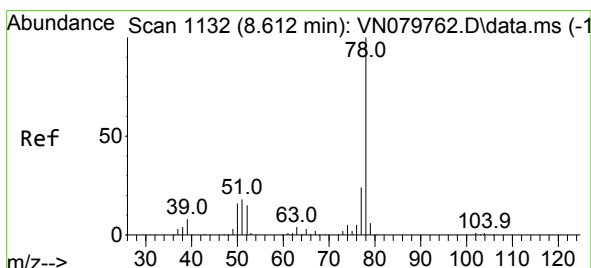
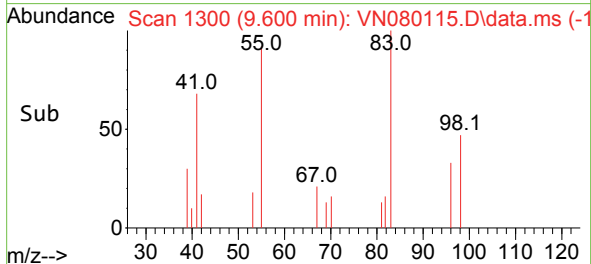
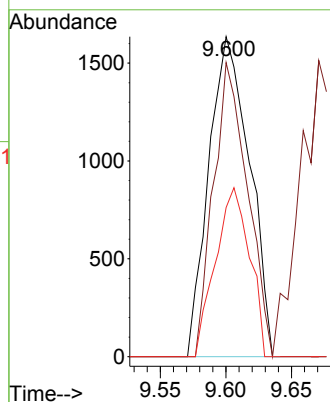
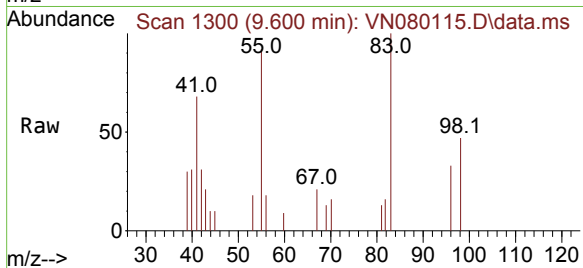
Tgt Ion: 83 Resp: 3522

Ion Ratio Lower Upper

83 100

55 91.9 49.1 73.7#

98 46.6 40.6 61.0



#40

Benzene

Concen: 339.829 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN080115.D

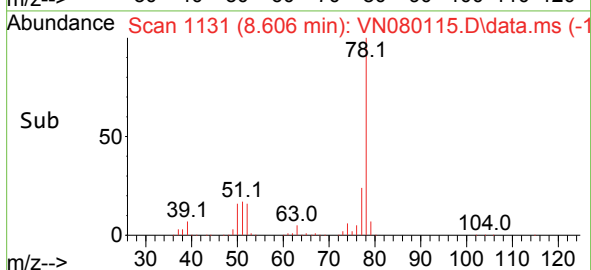
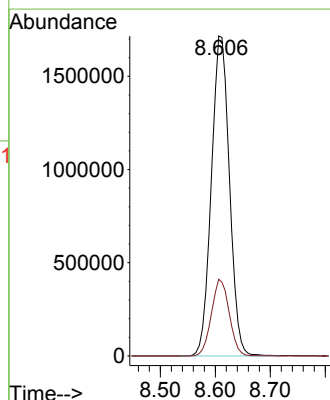
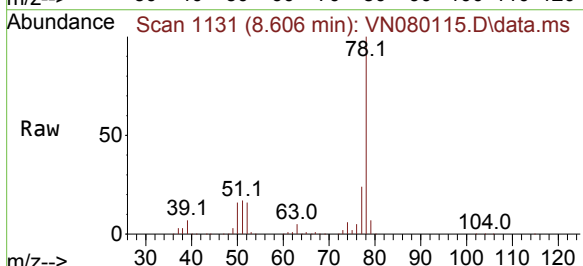
Acq: 15 Nov 2023 17:05

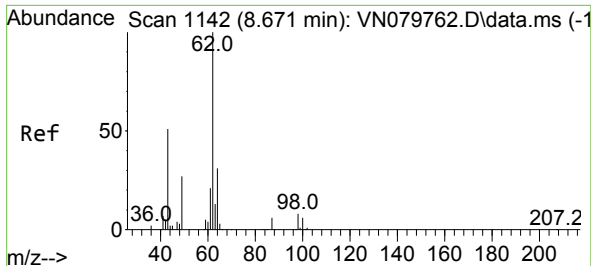
Tgt Ion: 78 Resp: 3923326

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

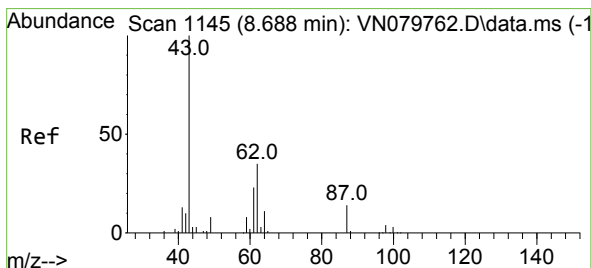
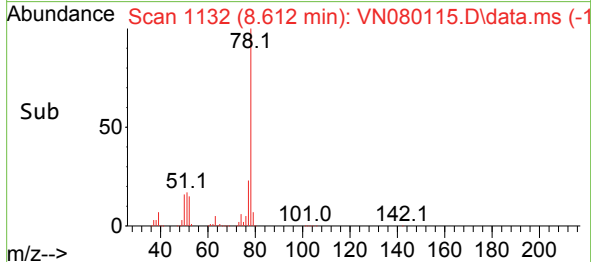
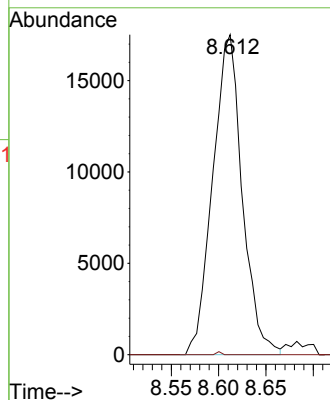
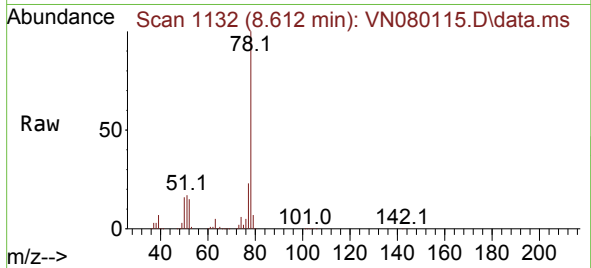




#42
1,2-Dichloroethane
Concen: 9.414 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.059 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

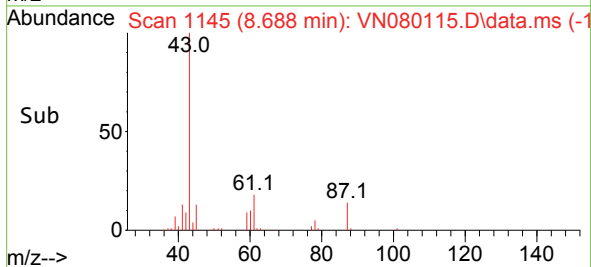
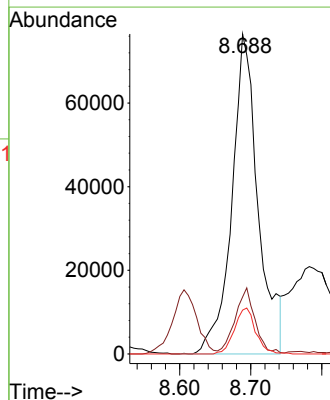
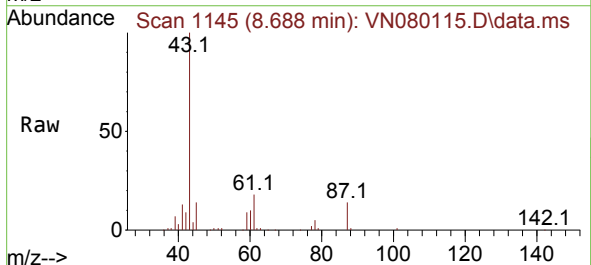
Instrument :
MSVOA_N
ClientSampleId :

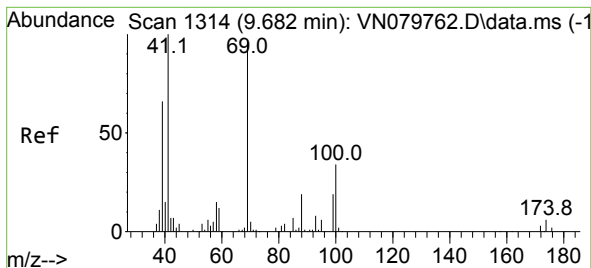
Tgt Ion: 62 Resp: 37965
Ion Ratio Lower Upper
62 100
98 0.2 0.0 19.8



#43
Isopropyl Acetate
Concen: 31.706 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 43 Resp: 196558
Ion Ratio Lower Upper
43 100
61 15.2 24.7 37.1#
87 11.6 14.6 21.8#





#48

Methyl methacrylate

Concen: 1.916 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.017 min

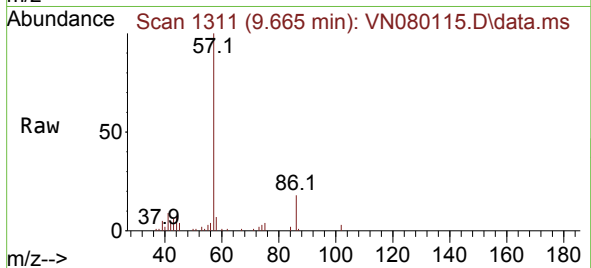
Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :



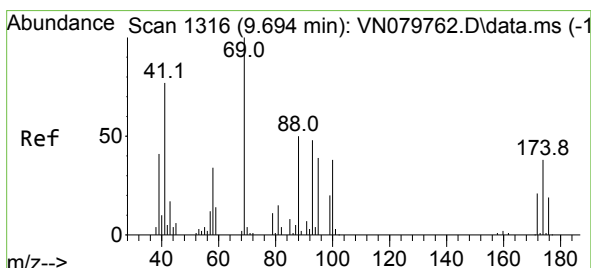
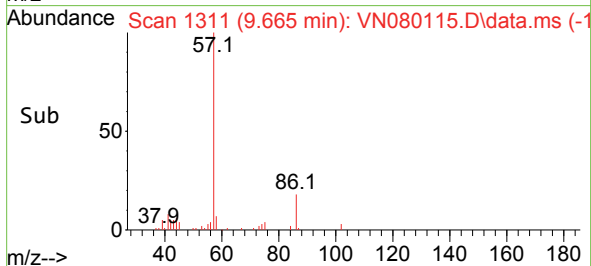
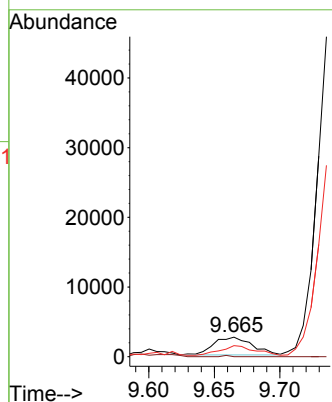
Tgt Ion: 41 Resp: 5203

Ion Ratio Lower Upper

41 100

69 1.3 90.4 135.6#

39 50.0 54.6 81.8#



#49

1,4-Dioxane

Concen: 1.146 ug/l

RT: 9.883 min Scan# 1348

Delta R.T. 0.188 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

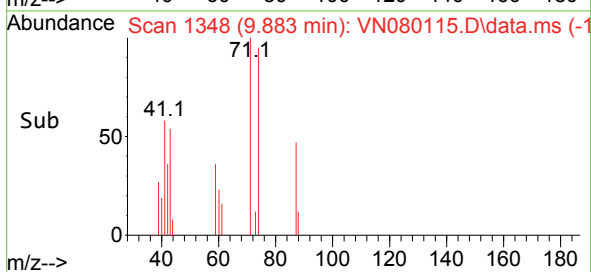
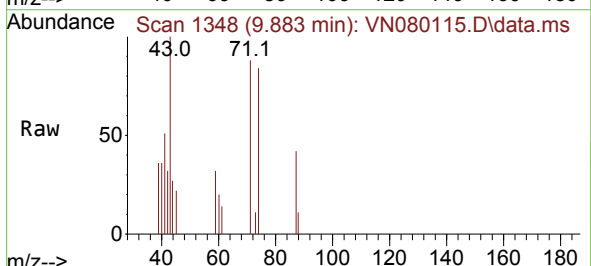
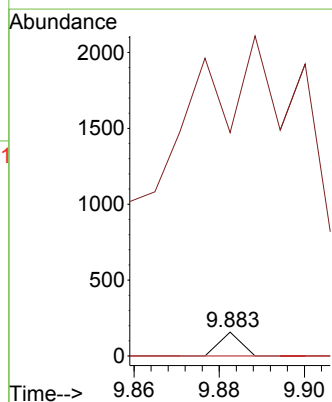
Tgt Ion: 88 Resp: 55

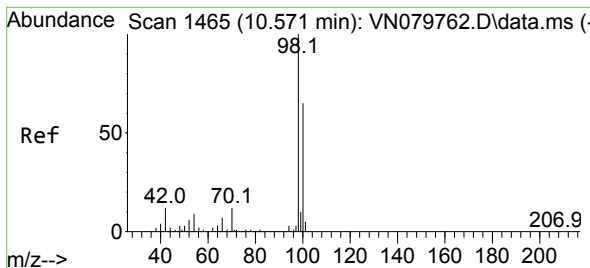
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#

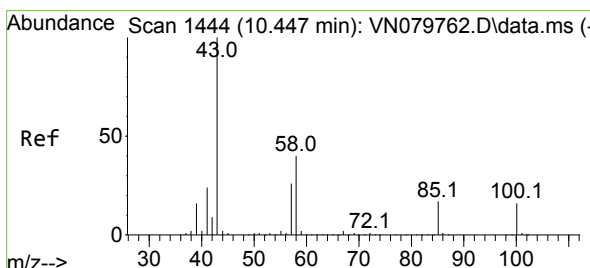
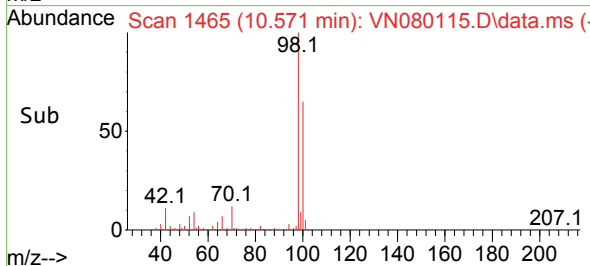
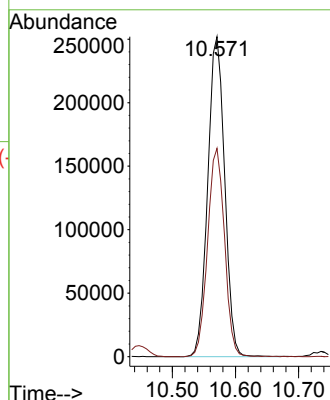
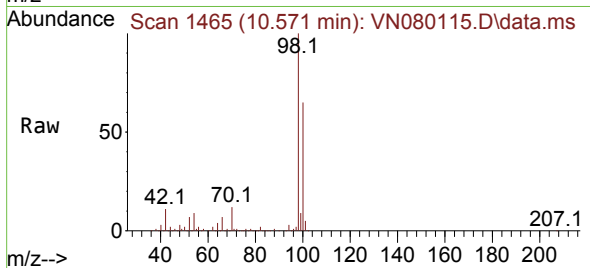




#50
Toluene-d8
Concen: 47.207 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

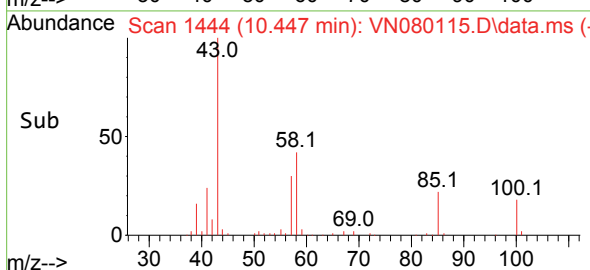
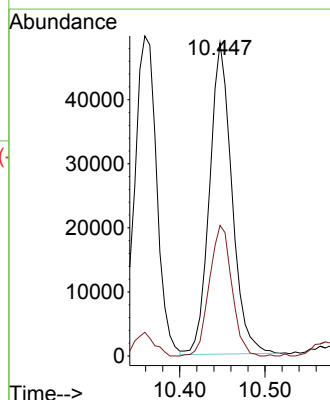
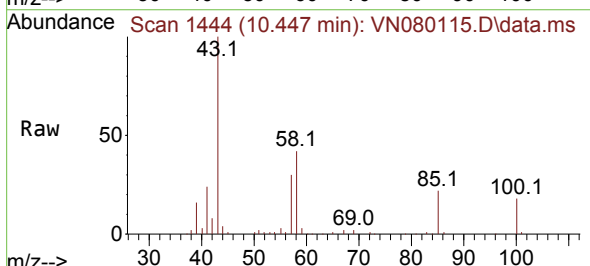
Instrument :
MSVOA_N
ClientSampleId :

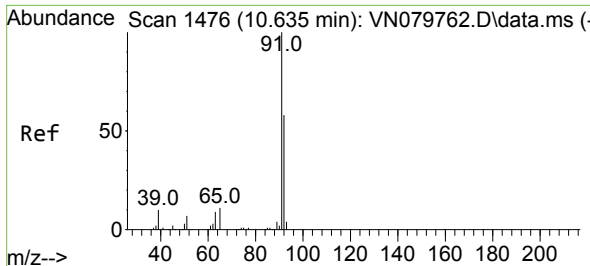
Tgt Ion: 98 Resp: 469156
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 25.372 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 43 Resp: 88555
Ion Ratio Lower Upper
43 100
58 42.1 36.6 54.8

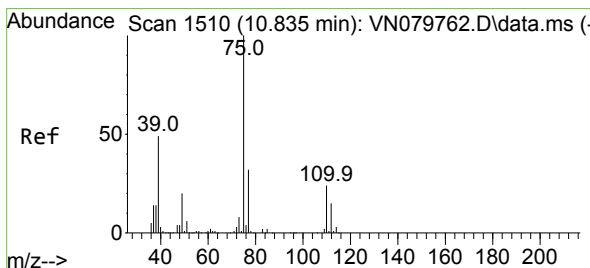
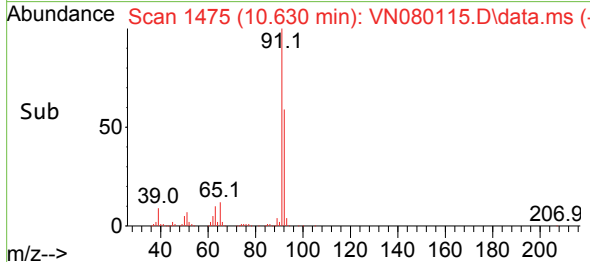
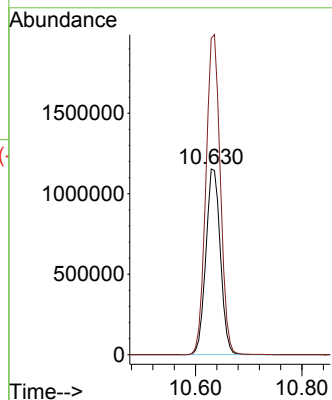
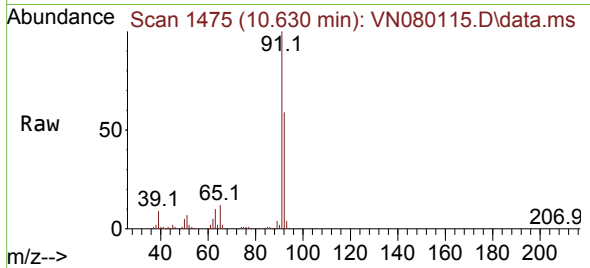




#52
Toluene
Concen: 318.488 ug/l
RT: 10.630 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

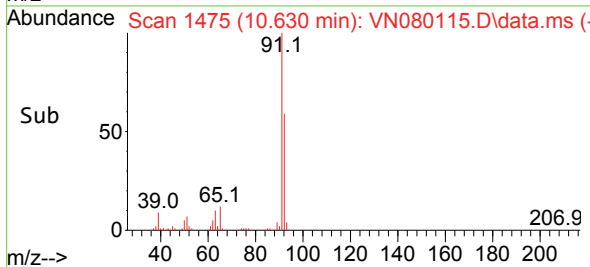
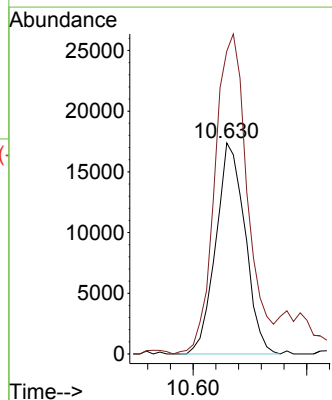
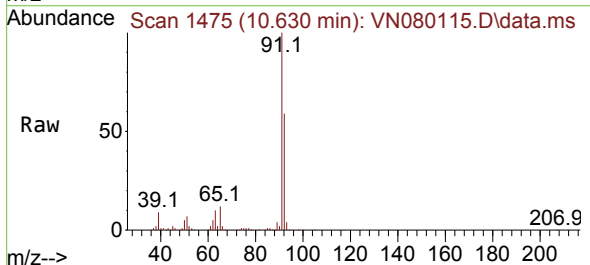
Instrument :
MSVOA_N
ClientSampleId :

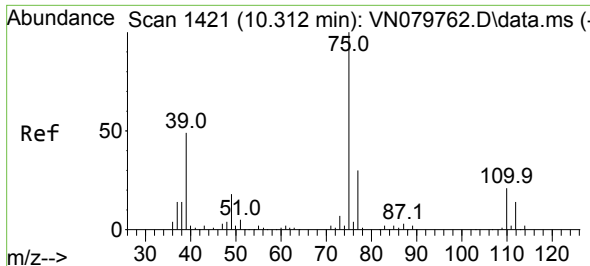
Tgt Ion: 92 Resp: 2179849
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 7.375 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.212 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 75 Resp: 31063
Ion Ratio Lower Upper
75 100
77 142.4 25.4 38.0#

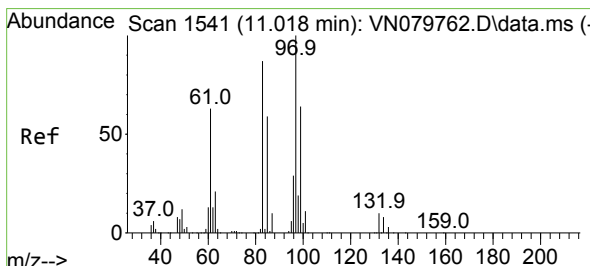
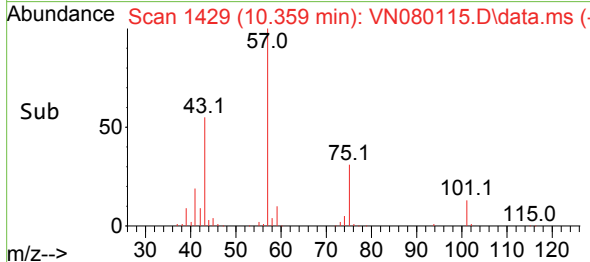
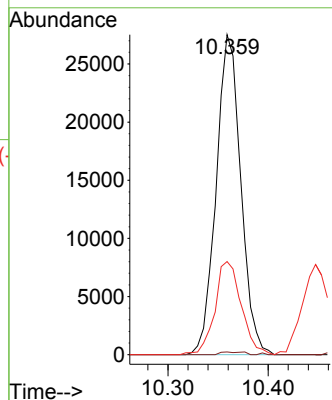
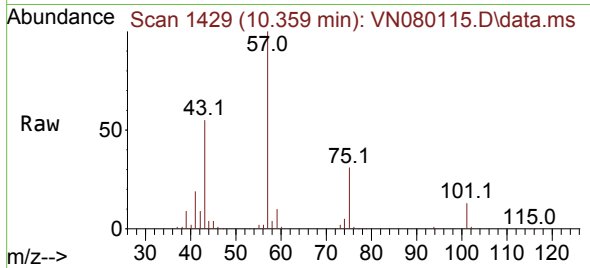




#54
 cis-1,3-Dichloropropene
 Concen: 10.217 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN080115.D
 Acq: 15 Nov 2023 17:05

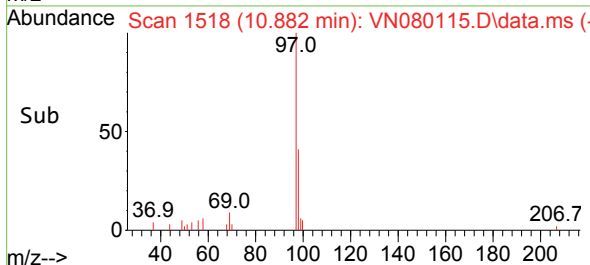
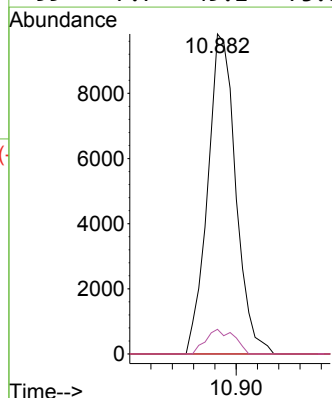
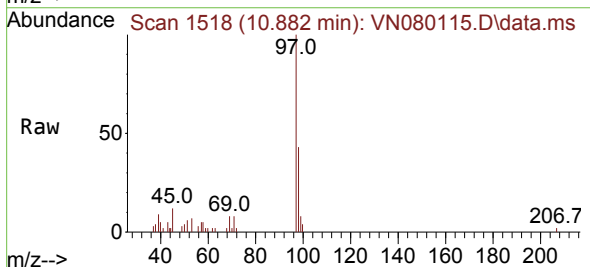
Instrument :
 MSVOA_N
 ClientSampleId :

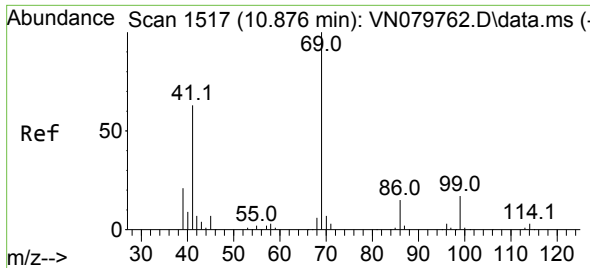
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.9	26.1	39.1#
39	29.1	31.6	47.4#



#55
 1,1,2-Trichloroethane
 Concen: 6.532 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. -0.135 min
 Lab File: VN080115.D
 Acq: 15 Nov 2023 17:05

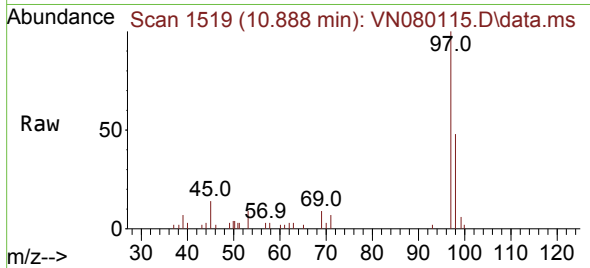
Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.1	97.7#
85	0.0	43.4	65.2#
99	7.7	49.2	73.8#



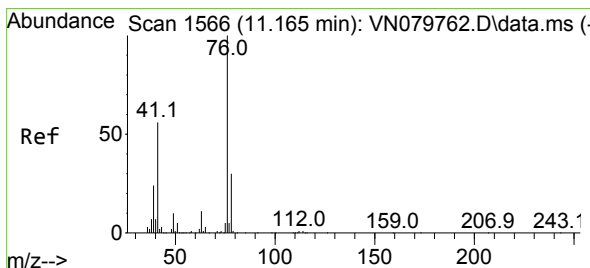
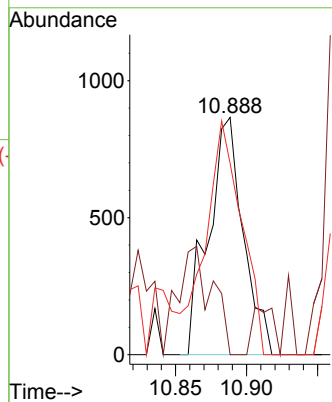
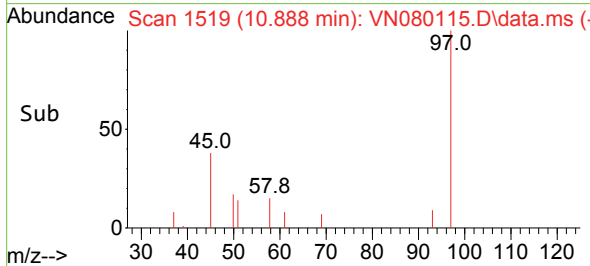


#56
Ethyl methacrylate
Concen: 0.377 ug/l
RT: 10.888 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :

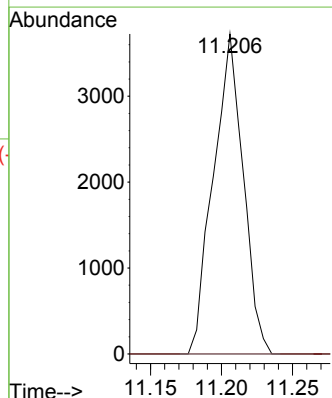
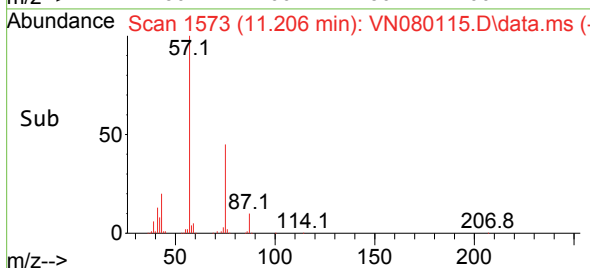
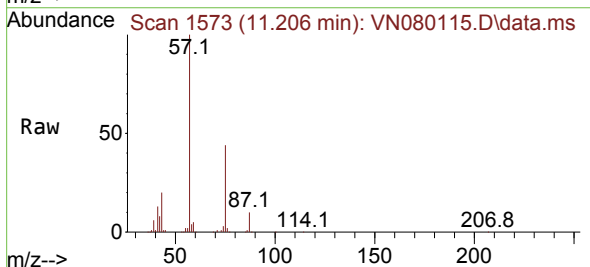


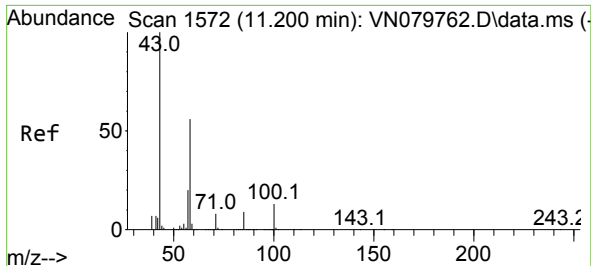
Tgt Ion: 69 Resp: 1480
Ion Ratio Lower Upper
69 100
41 0.0 39.6 59.4#
39 0.0 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 1.122 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 76 Resp: 5443
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

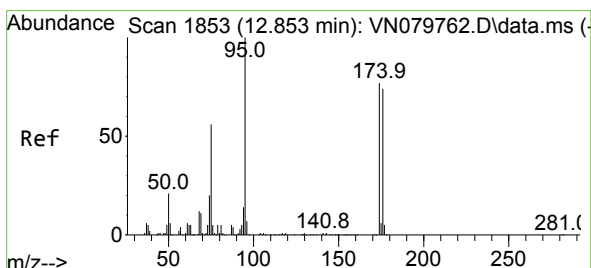
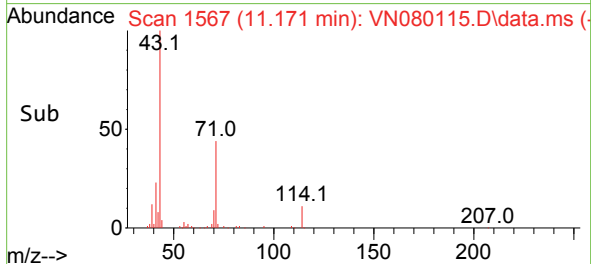
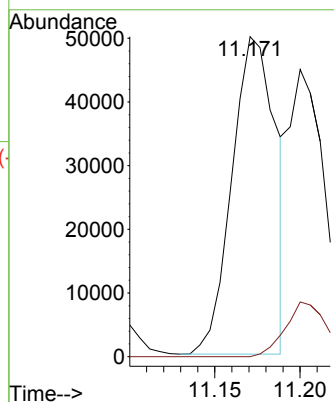
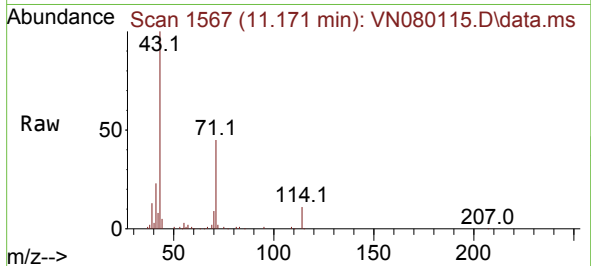




#59
2-Hexanone
Concen: 33.327 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

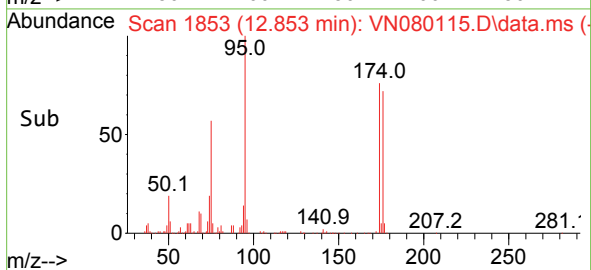
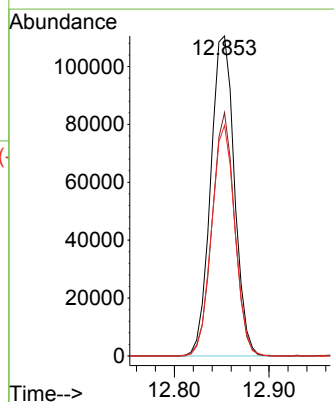
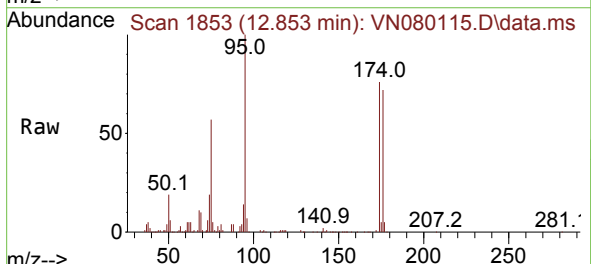
Instrument :
MSVOA_N
ClientSampleId :

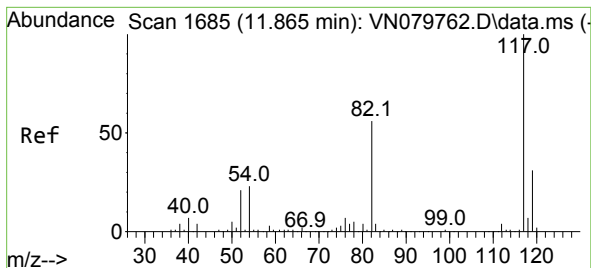
Tgt Ion: 43 Resp: 88984
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 58.422 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 95 Resp: 192559
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 70.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

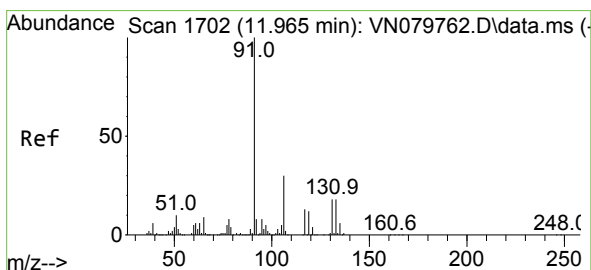
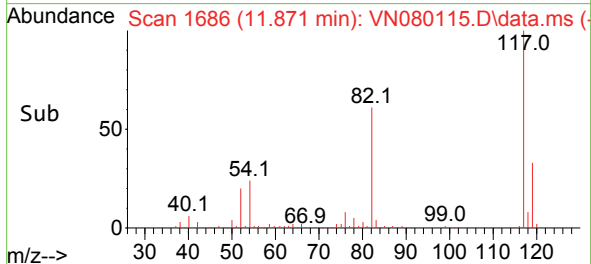
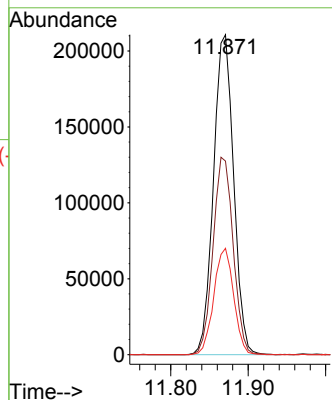
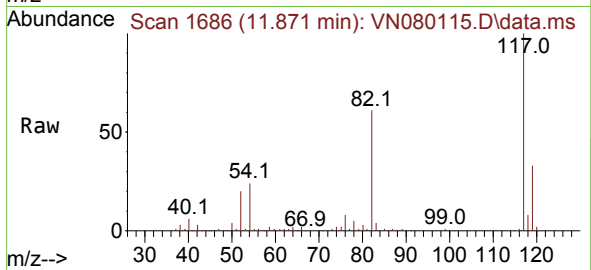
Tgt Ion:117 Resp: 380492

Ion Ratio Lower Upper

117 100

82 60.5 44.0 66.0

119 33.2 25.6 38.4



#67

Ethyl Benzene

Concen: 17.220 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080115.D

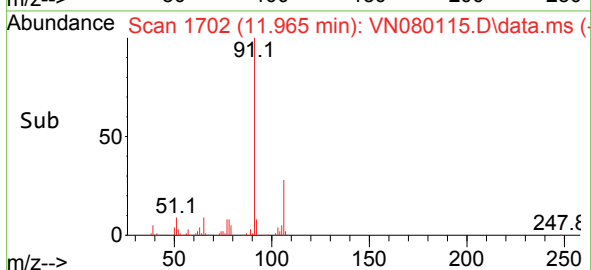
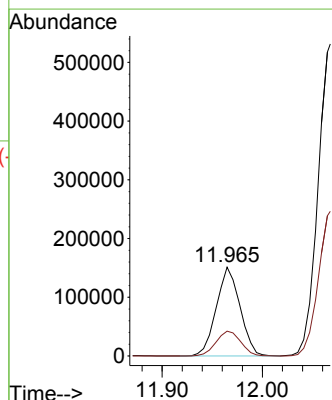
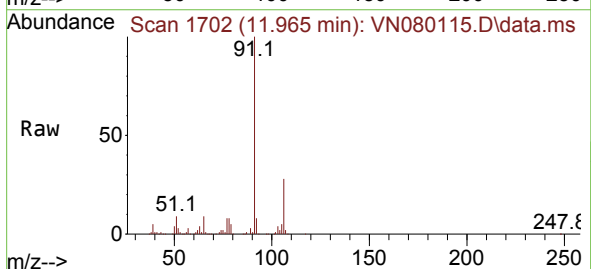
Acq: 15 Nov 2023 17:05

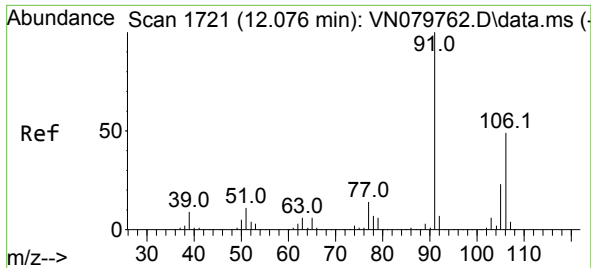
Tgt Ion: 91 Resp: 247619

Ion Ratio Lower Upper

91 100

106 27.9 25.6 38.4

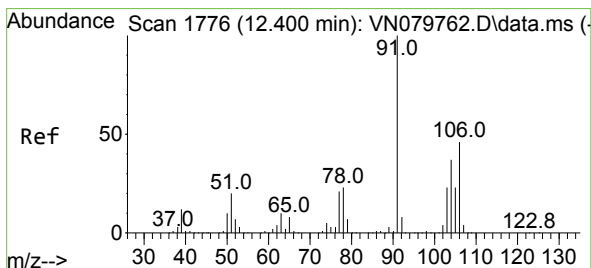
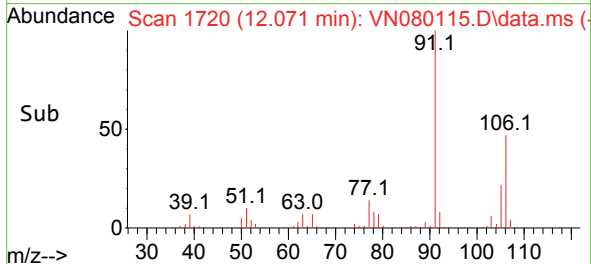
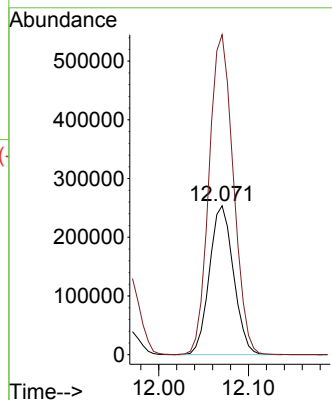
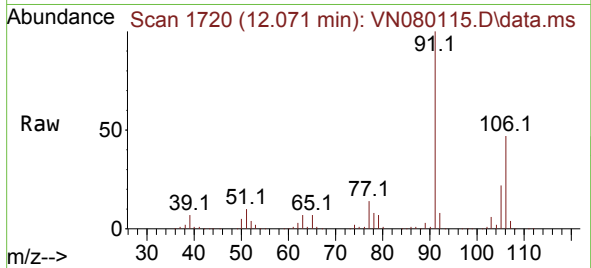




#68
m/p-Xylenes
Concen: 88.188 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

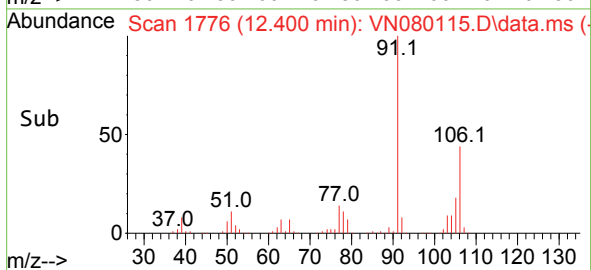
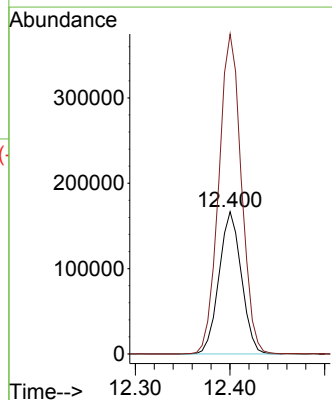
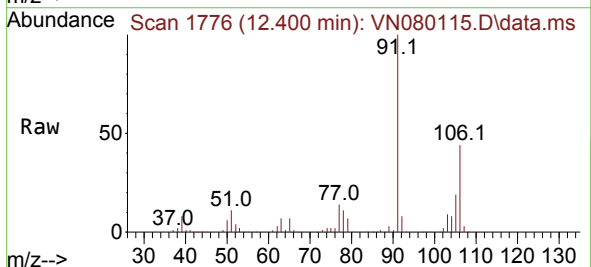
Instrument :
MSVOA_N
ClientSampleId :

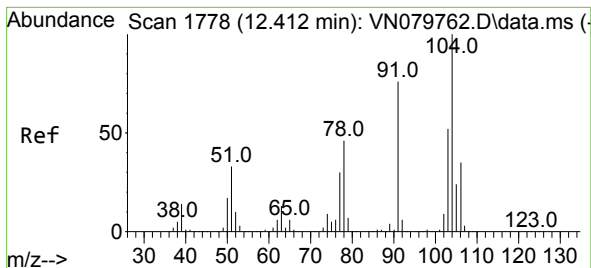
Tgt Ion:106 Resp: 472398
Ion Ratio Lower Upper
106 100
91 217.5 159.6 239.4



#69
o-Xylene
Concen: 53.007 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion:106 Resp: 273426
Ion Ratio Lower Upper
106 100
91 228.0 105.2 315.5





#70

Styrene

Concen: 10.864 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080115.D

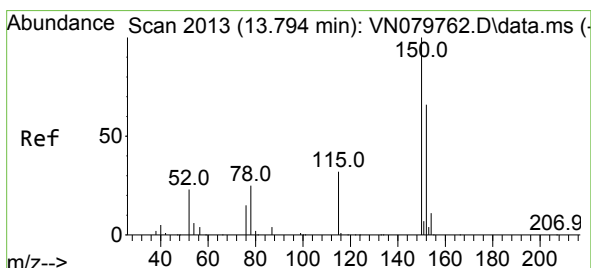
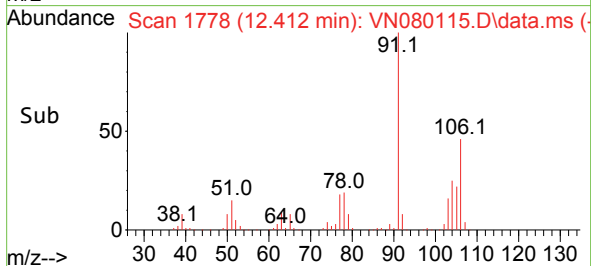
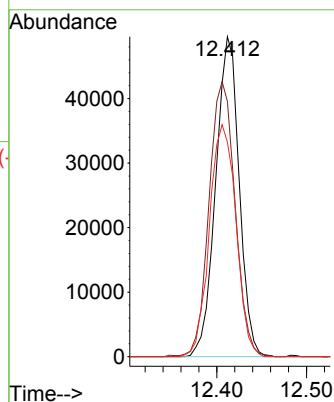
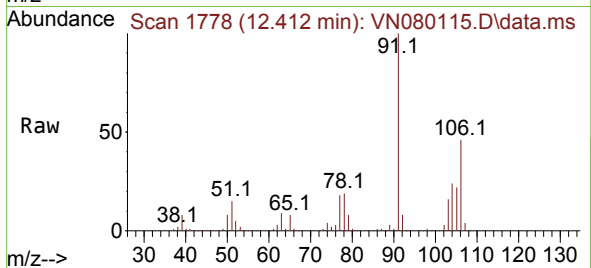
Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	90057
Ion Ratio	Lower	Upper
104	100	
78	95.2	39.5 59.3#
103	81.9	43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

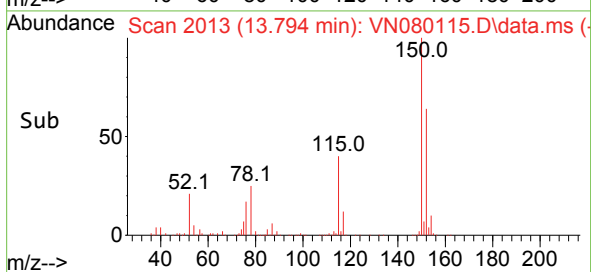
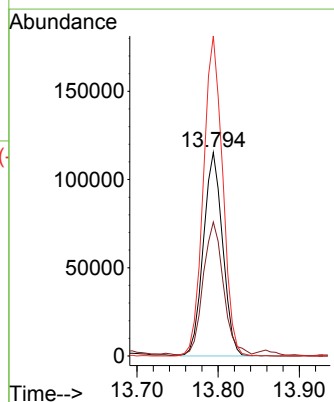
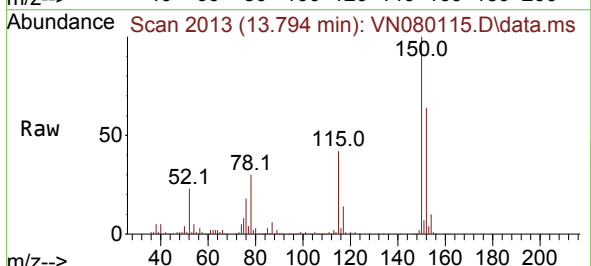
RT: 13.794 min Scan# 2013

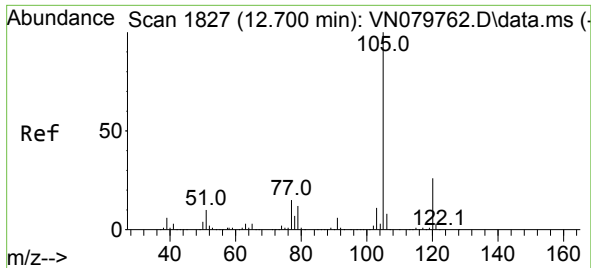
Delta R.T. 0.000 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Tgt Ion:152	Resp:	189994
Ion Ratio	Lower	Upper
152	100	
115	68.2	32.3 96.8
150	156.9	0.0 355.8

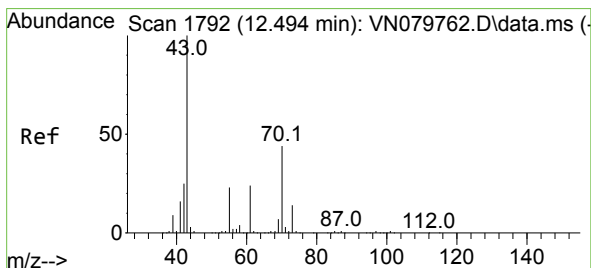
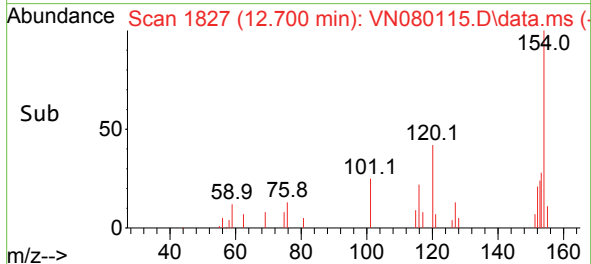
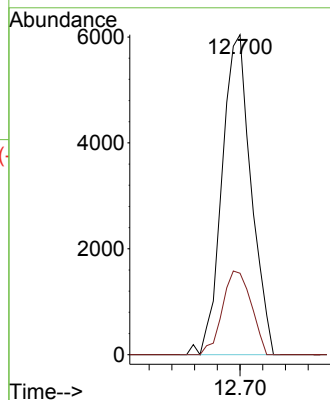
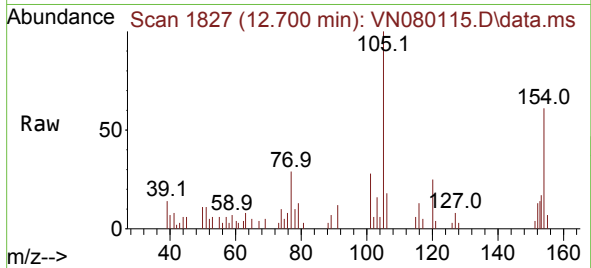




#73
Isopropylbenzene
Concen: 0.745 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

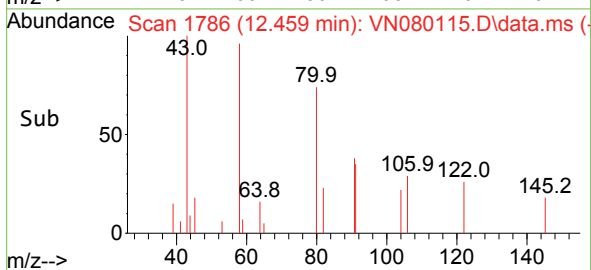
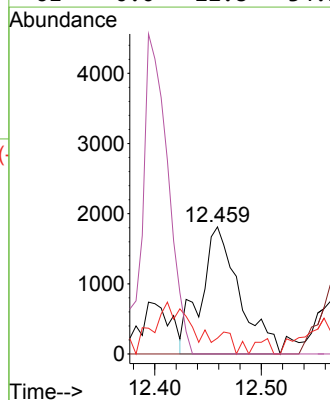
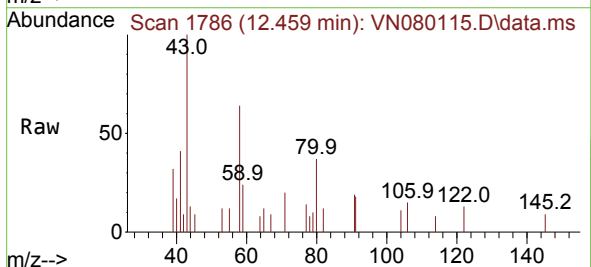
Instrument :
MSVOA_N
ClientSampleId :

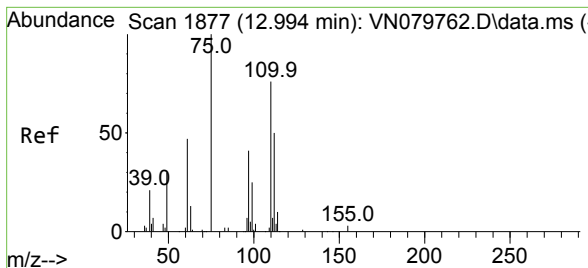
Tgt Ion:105 Resp: 10743
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 0.723 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion: 43 Resp: 4552
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 24.165 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

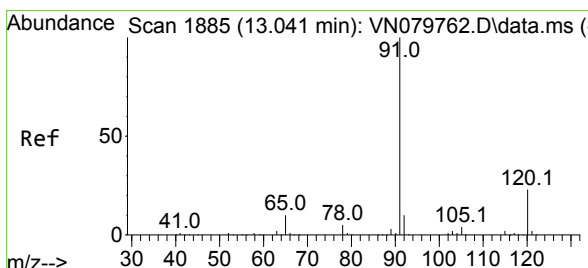
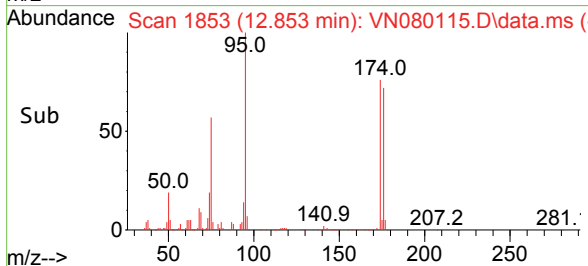
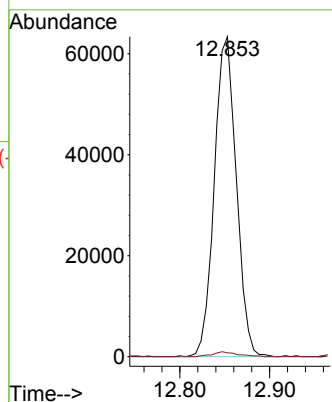
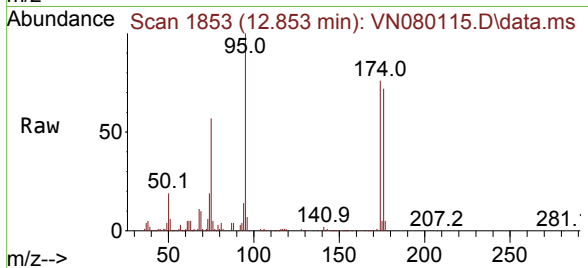
ClientSampleId :

Tgt Ion: 75 Resp: 107789

Ion Ratio Lower Upper

75 100

77 1.8 84.5 253.5#



#78

n-propylbenzene

Concen: 1.230 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN080115.D

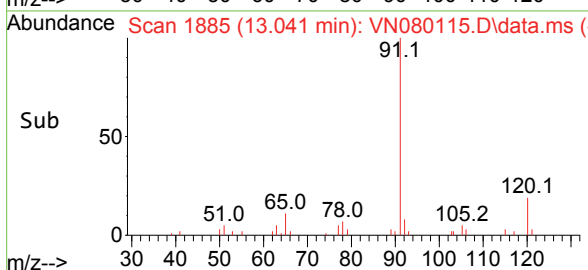
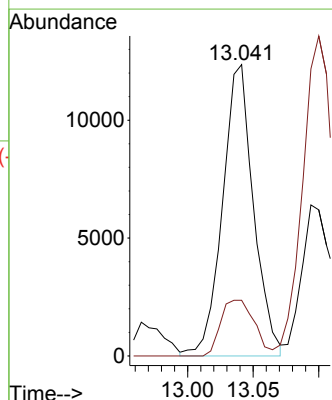
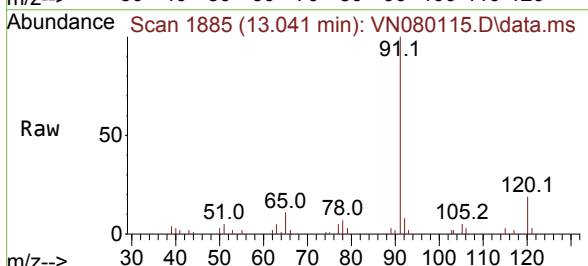
Acq: 15 Nov 2023 17:05

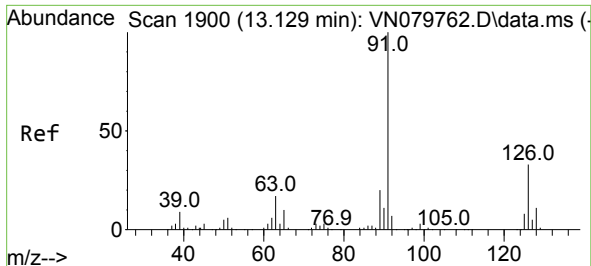
Tgt Ion: 91 Resp: 20318

Ion Ratio Lower Upper

91 100

120 20.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.053 ug/l

RT: 13.094 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

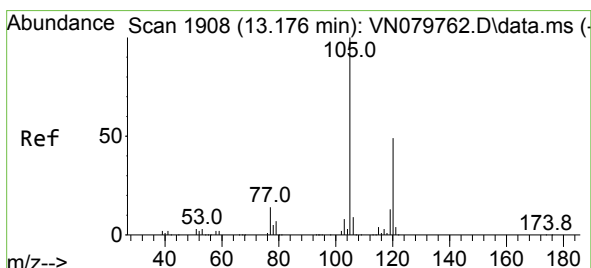
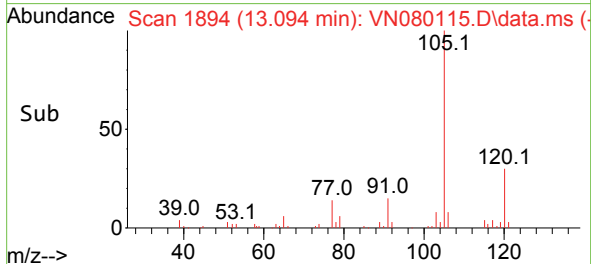
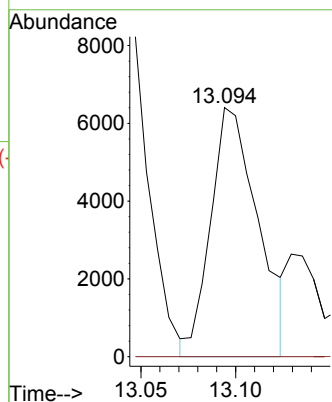
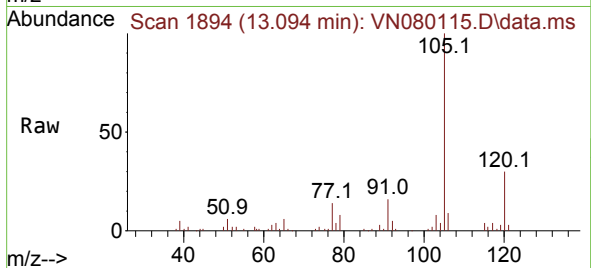
ClientSampleId :

Tgt Ion: 91 Resp: 11109

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 6.900 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080115.D

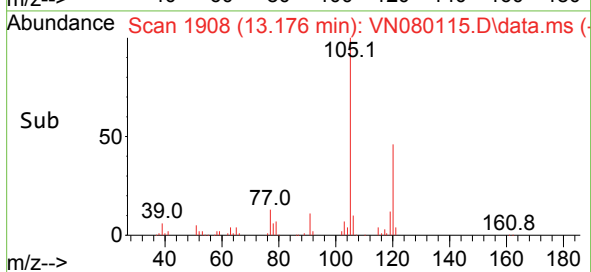
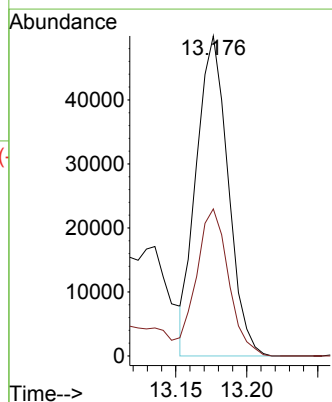
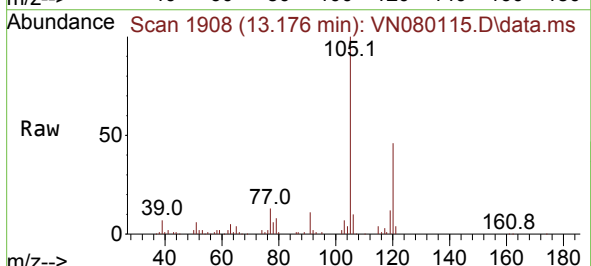
Acq: 15 Nov 2023 17:05

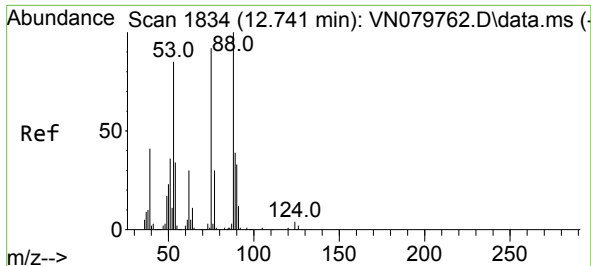
Tgt Ion:105 Resp: 77413

Ion Ratio Lower Upper

105 100

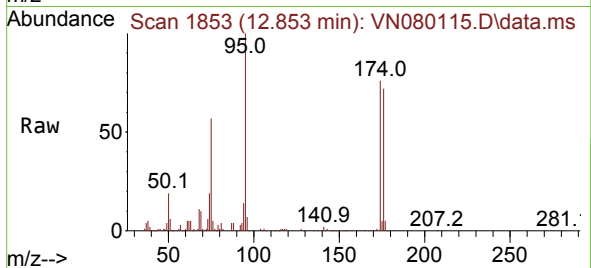
120 47.3 24.1 72.3



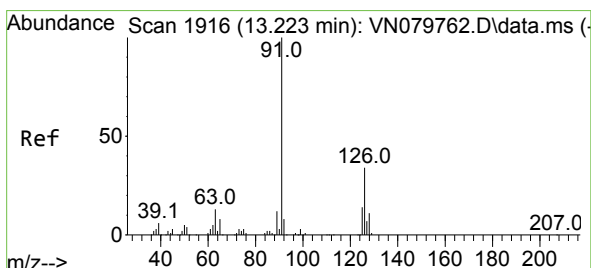
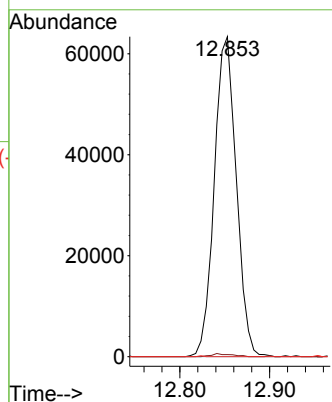
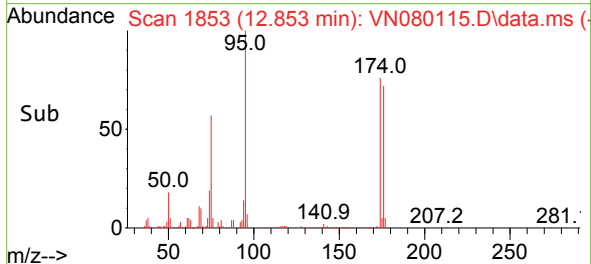


#81
trans-1,4-Dichloro-2-butene
Concen: 65.748 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

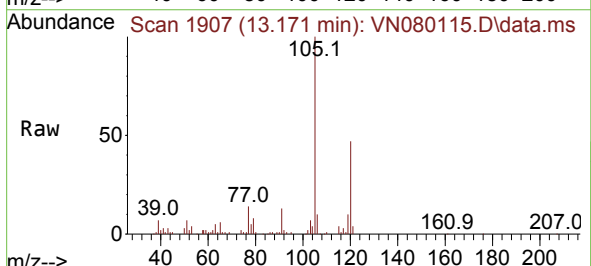
Instrument :
MSVOA_N
ClientSampleId :



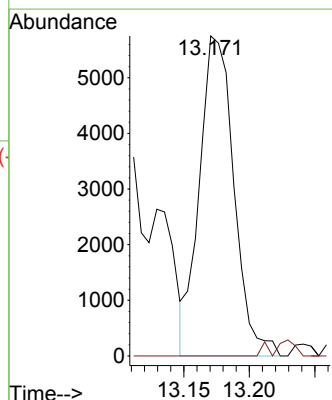
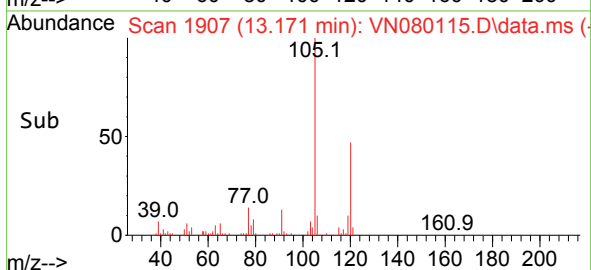
Tgt Ion: 75 Resp: 107789
Ion Ratio Lower Upper
75 100
53 0.9 67.4 101.2#
89 0.0 38.8 58.2#

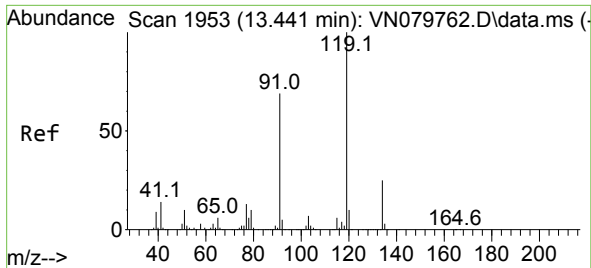


#82
4-Chlorotoluene
Concen: 1.004 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05



Tgt Ion: 91 Resp: 10523
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#

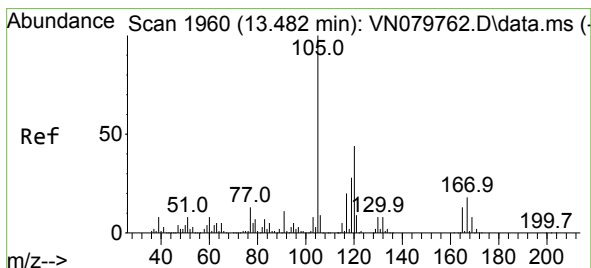
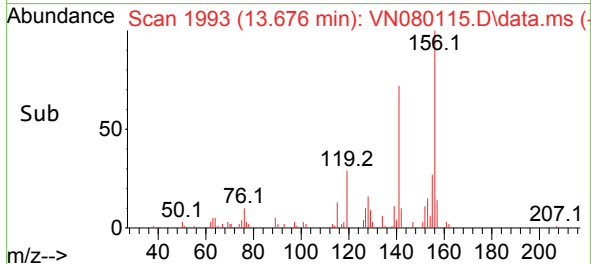
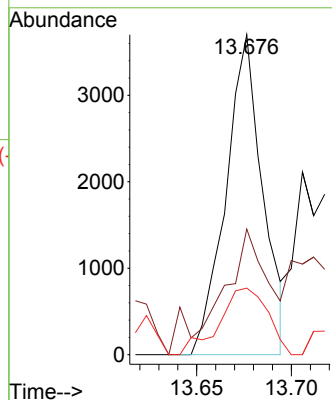
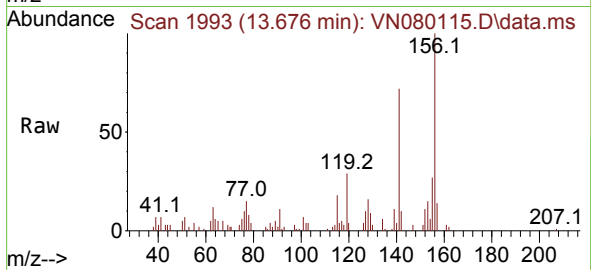




#83
tert-Butylbenzene
Concen: 0.545 ug/l
RT: 13.676 min Scan# 1953
Delta R.T. 0.236 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

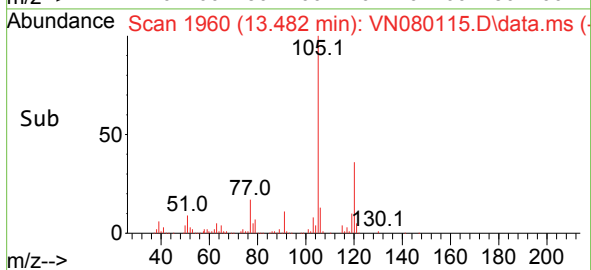
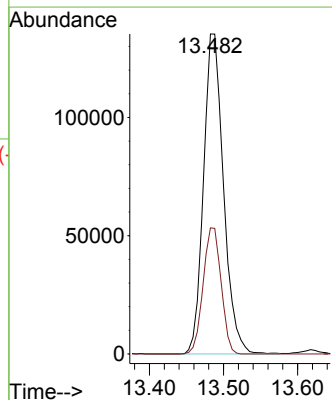
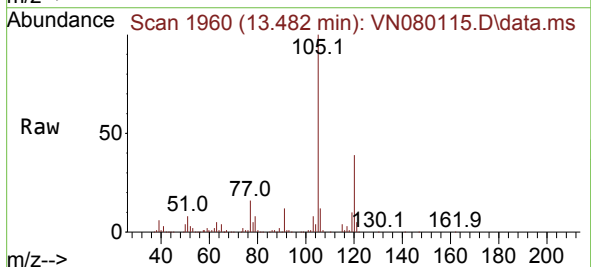
Instrument :
MSVOA_N
ClientSampleId :

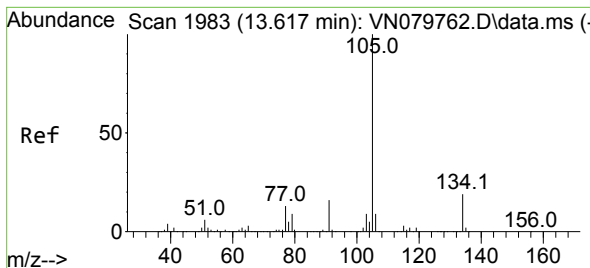
Tgt Ion:119 Resp: 5007
Ion Ratio Lower Upper
119 100
91 50.8 33.9 101.7
134 27.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 23.019 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Tgt Ion:105 Resp: 254077
Ion Ratio Lower Upper
105 100
120 35.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.970 ug/l

RT: 13.482 min Scan# 1983

Delta R.T. -0.135 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

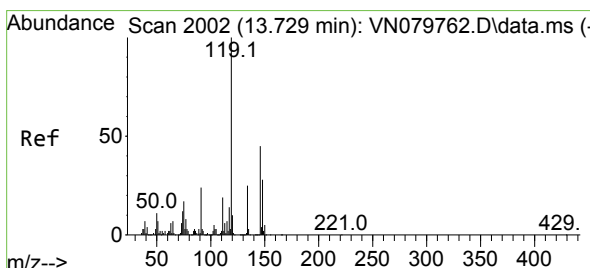
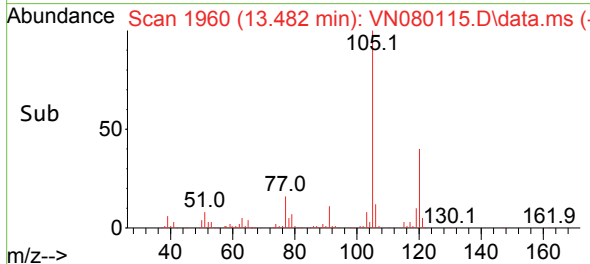
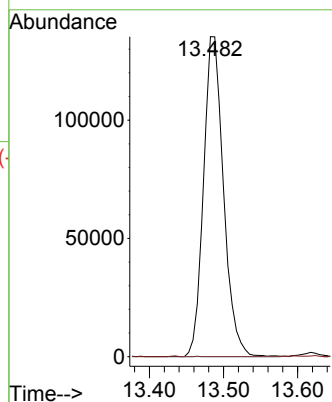
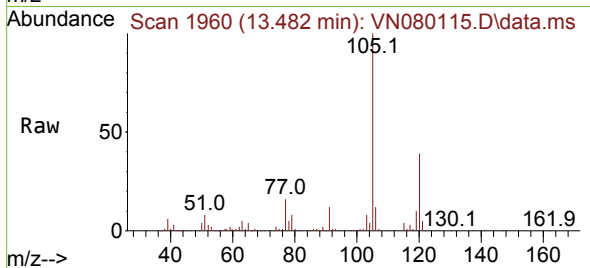
ClientSampleId :

Tgt Ion:105 Resp: 254077

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.548 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

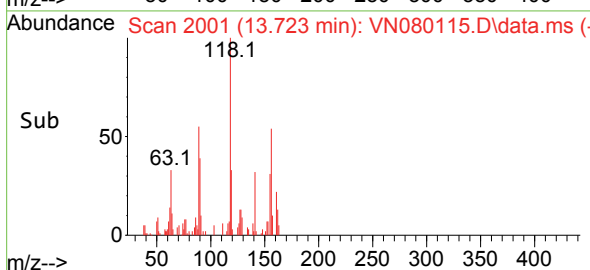
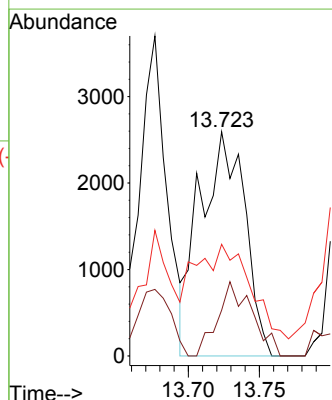
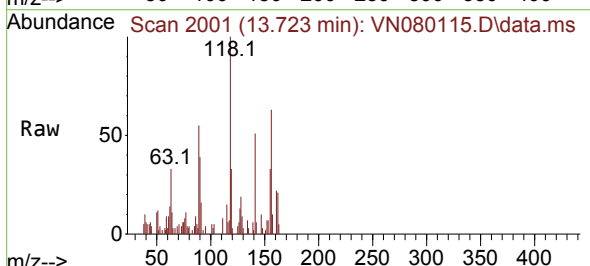
Tgt Ion:119 Resp: 5680

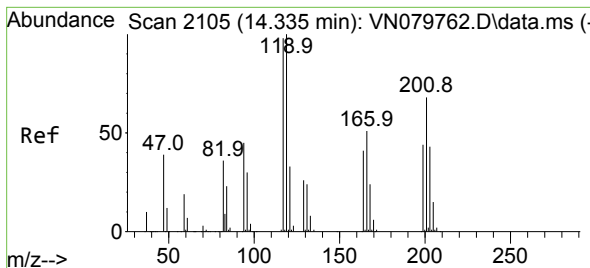
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 51.2 12.4 37.2#





#90

Hexachloroethane

Concen: 1.019 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

Instrument :

MSVOA_N

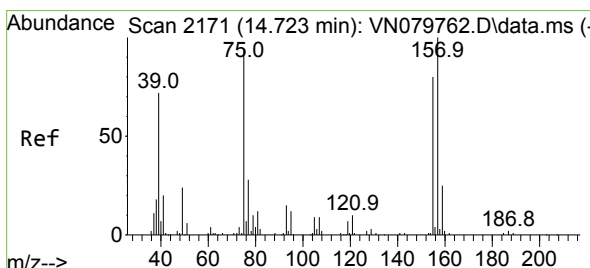
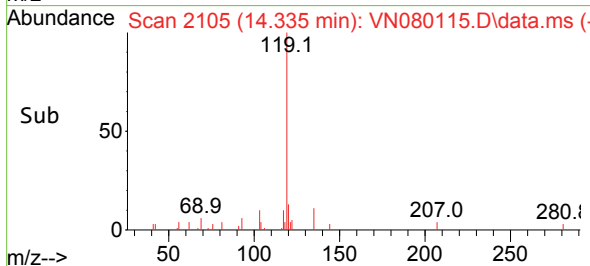
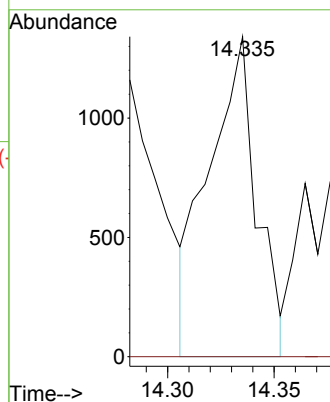
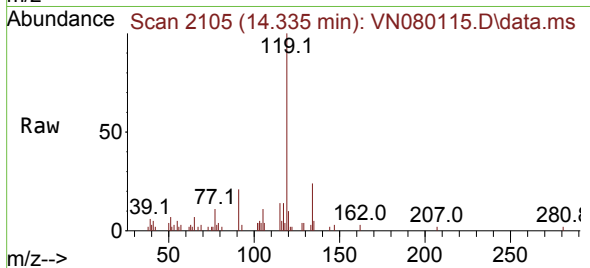
ClientSampleId :

Tgt Ion:117 Resp: 2093

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.441 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080115.D

Acq: 15 Nov 2023 17:05

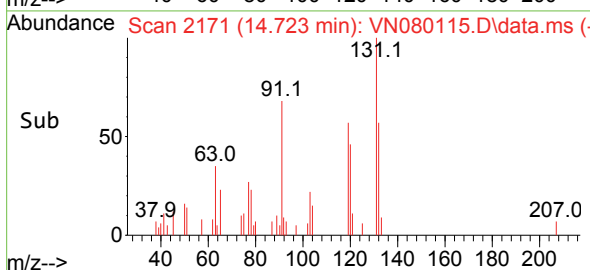
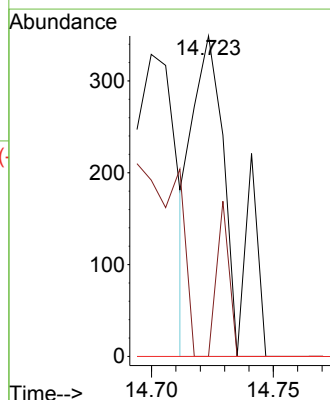
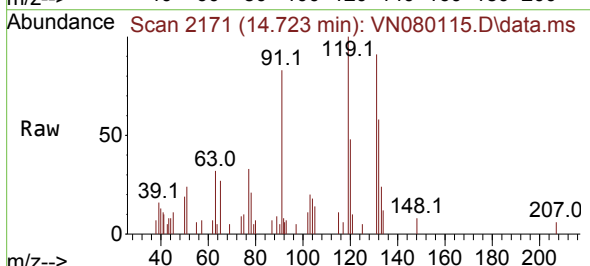
Tgt Ion: 75 Resp: 382

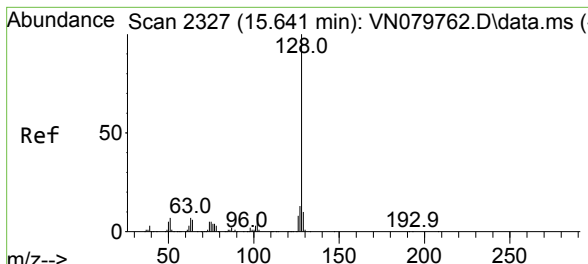
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

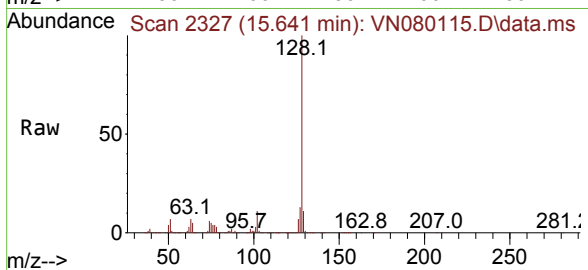
157 0.0 50.3 150.9#





#95
Naphthalene
Concen: 364.797 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080115.D
Acq: 15 Nov 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 3646790

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	11.0	8.7	13.1

