

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079651.D
 Acq On : 23 Oct 2023 16:12
 Operator : JC\MD
 Sample : 04978-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 23:52:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

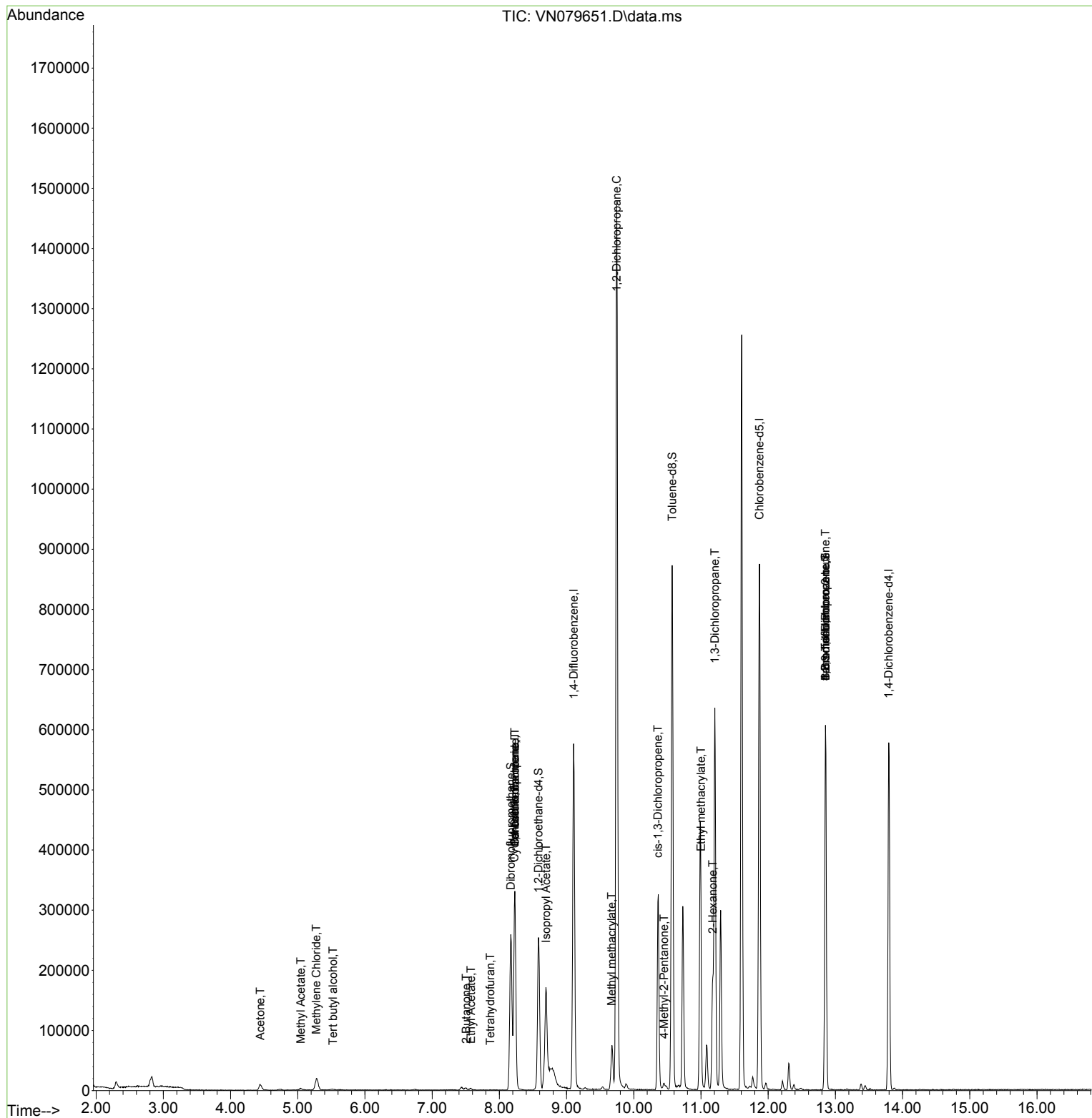
Internal Standards						
1) Pentafluorobenzene	8.229	168	227068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	475990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	496698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204877	55.647	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.300%			
35) Dibromofluoromethane	8.171	113	183753	53.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.440%			
50) Toluene-d8	10.570	98	588555	47.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.100%			
62) 4-Bromofluorobenzene	12.853	95	197521	49.729	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.460%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	1442	2.602	ug/l #	72
16) Acetone	4.441	43	18246	12.495	ug/l	89
18) Methyl Acetate	5.047	43	5145	0.720	ug/l #	68
20) Methylene Chloride	5.277	84	14692	4.041	ug/l #	76
25) 2-Butanone	7.506	43	5856	2.702	ug/l #	86
29) Tetrahydrofuran	7.865	42	598	0.427	ug/l #	28
31) Cyclohexane	8.224	56	6756	1.294	ug/l #	71
36) 1,1-Dichloropropene	8.229	75	20974	4.085	ug/l #	47
37) Ethyl Acetate	7.577	43	4755	0.931	ug/l #	77
38) Carbon Tetrachloride	8.229	117	25346	4.932	ug/l #	17
43) Isopropyl Acetate	8.694	43	209653	23.426	ug/l #	74
45) 1,2-Dichloropropane	9.747	63	1924	0.479	ug/l #	45
48) Methyl methacrylate	9.671	41	4668	1.217	ug/l #	31
51) 4-Methyl-2-Pentanone	10.453	43	12986	2.570	ug/l #	59
54) cis-1,3-Dichloropropene	10.359	75	53354	9.037	ug/l #	68
56) Ethyl methacrylate	11.000	69	3216	0.650	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6149	0.988	ug/l #	42
59) 2-Hexanone	11.176	43	149856	41.106	ug/l #	19
71) Bromoform	12.853	173	1921	0.648	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.859	83	229	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	111795	25.919	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	111795	75.204	ug/l #	15

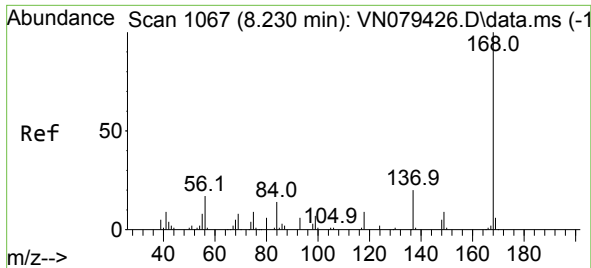
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
Data File : VN079651.D
Acq On : 23 Oct 2023 16:12
Operator : JC\MD
Sample : 04978-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

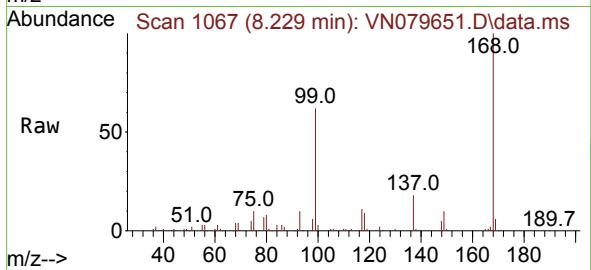
Quant Time: Oct 23 23:52:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



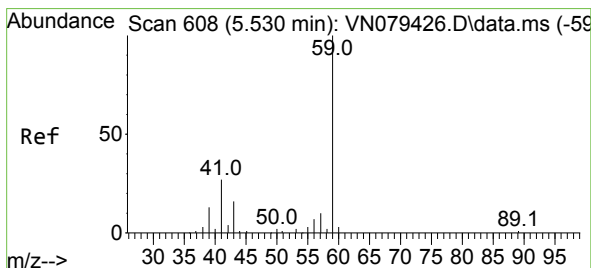
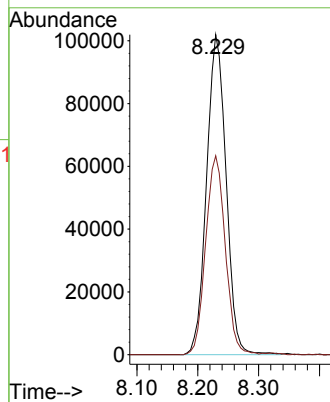
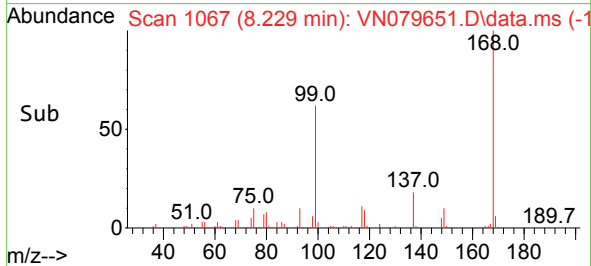


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :

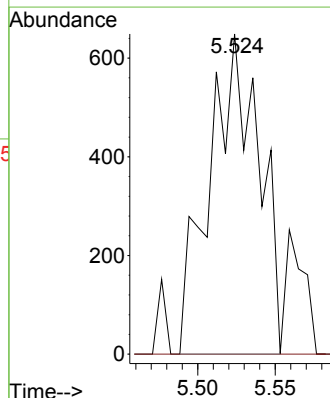
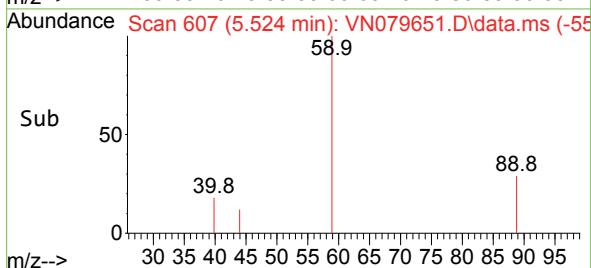
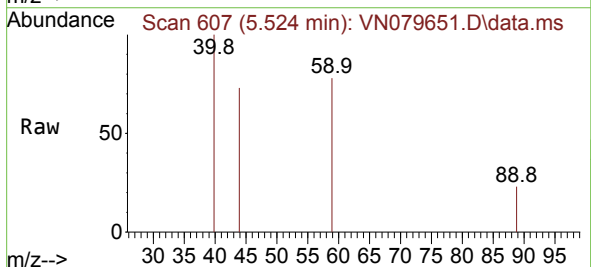


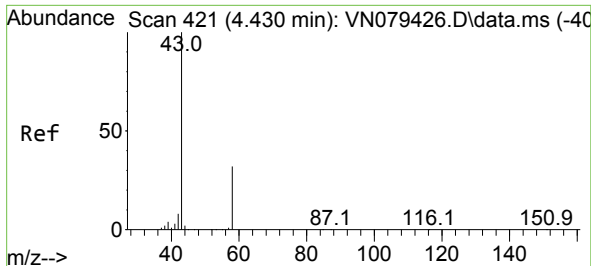
Tgt Ion:168 Resp: 227068
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#11
Tert butyl alcohol
Concen: 2.602 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Tgt Ion: 59 Resp: 1442
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

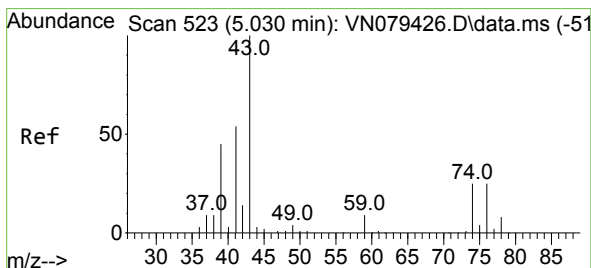
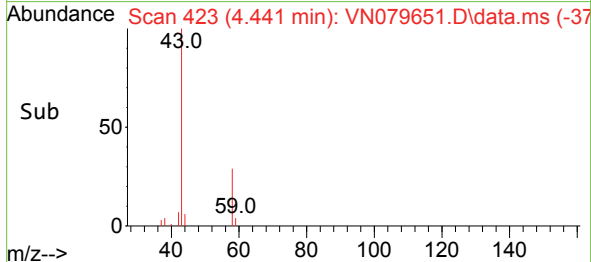
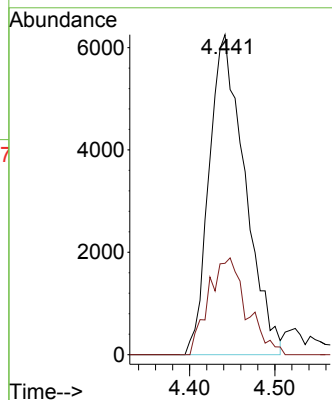
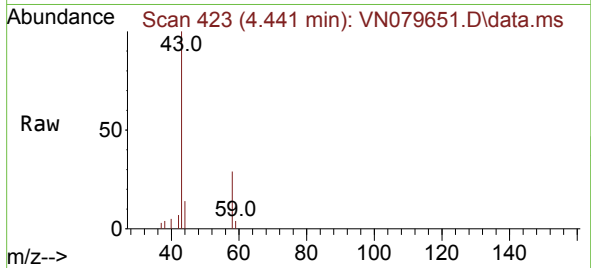




#16
Acetone
Concen: 12.495 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

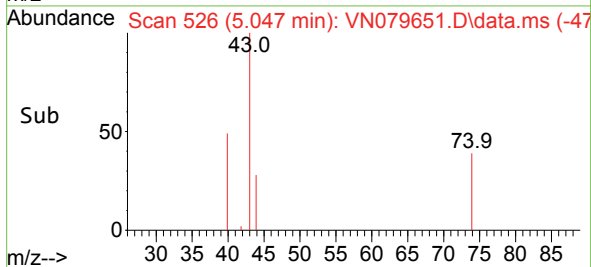
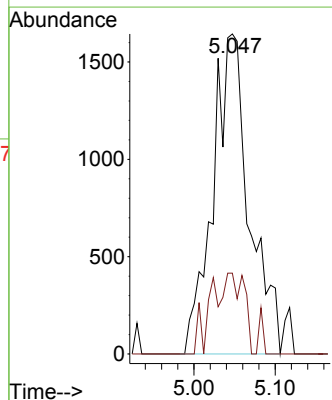
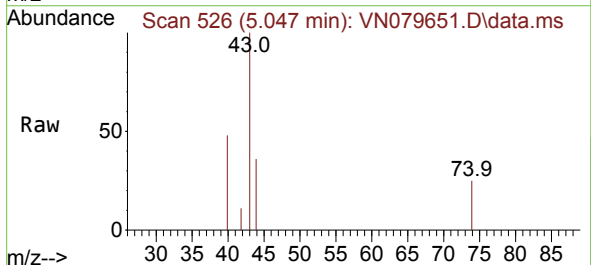
Instrument :
MSVOA_N
ClientSampleId :

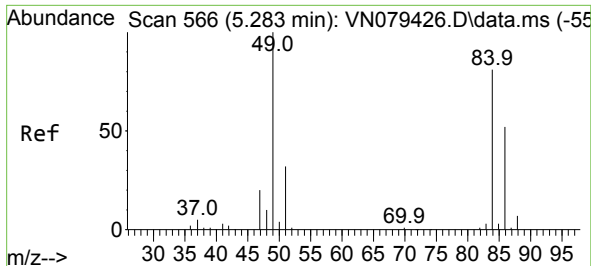
Tgt Ion: 43 Resp: 18246
Ion Ratio Lower Upper
43 100
58 28.6 28.0 42.0



#18
Methyl Acetate
Concen: 0.720 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.018 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

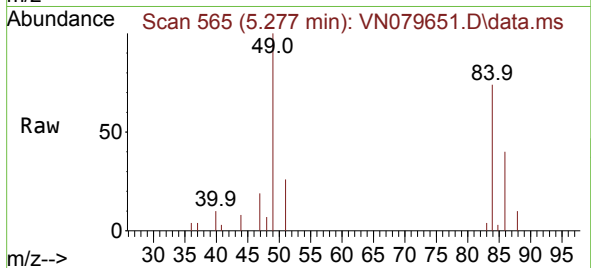
Tgt Ion: 43 Resp: 5145
Ion Ratio Lower Upper
43 100
74 14.5 26.2 39.4#



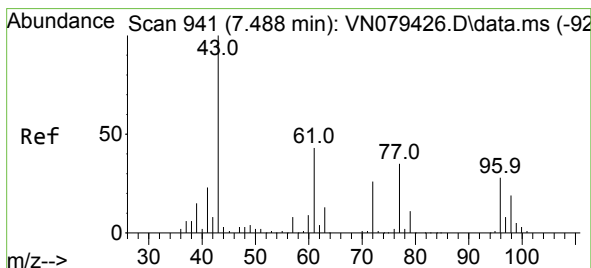
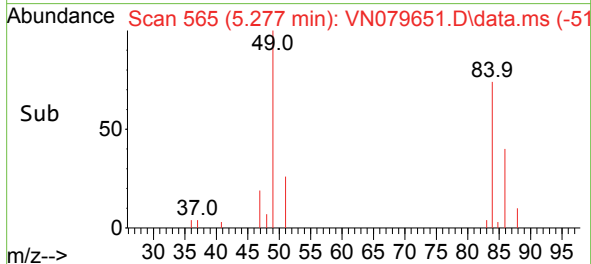
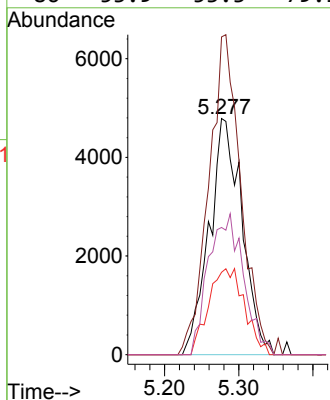


#20
Methylene Chloride
Concen: 4.041 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :

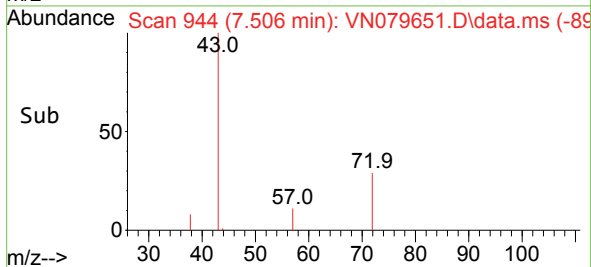
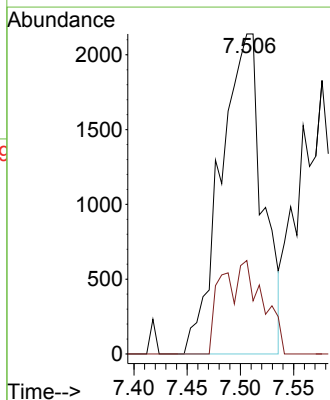
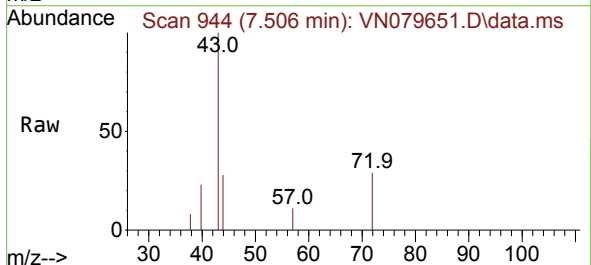


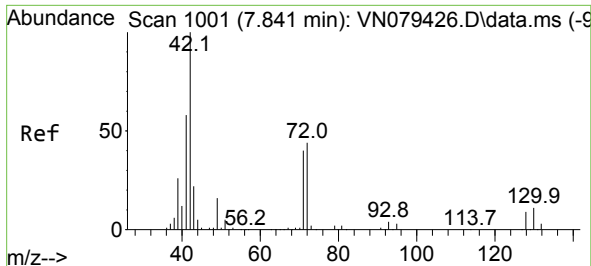
Tgt Ion:	84	Resp:	14692
Ion	Ratio	Lower	Upper
84	100		
49	134.6	79.7	119.5#
51	34.9	25.2	37.8
86	53.9	53.3	79.9



#25
2-Butanone
Concen: 2.702 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

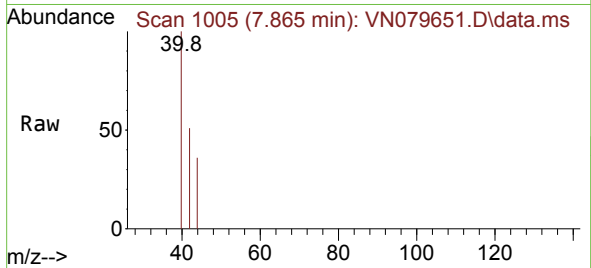
Tgt Ion:	43	Resp:	5856
Ion	Ratio	Lower	Upper
43	100		
72	29.2	30.2	45.2#



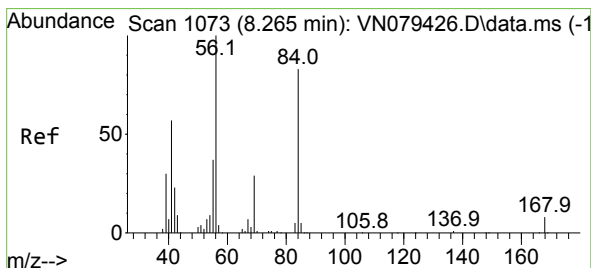
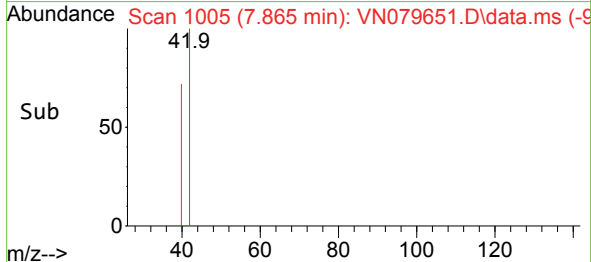
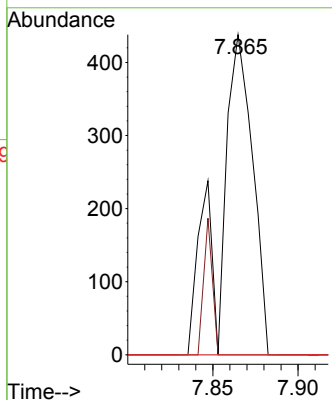


#29
Tetrahydrofuran
Concen: 0.427 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.024 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :

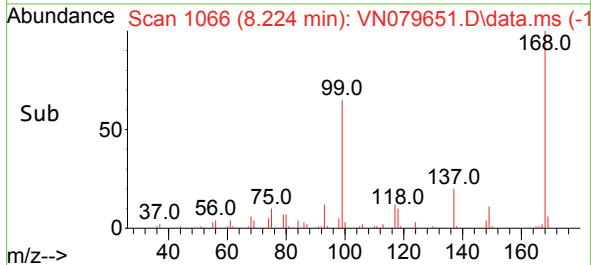
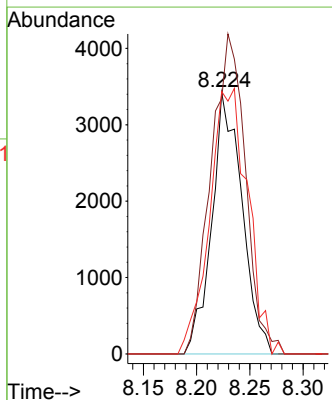
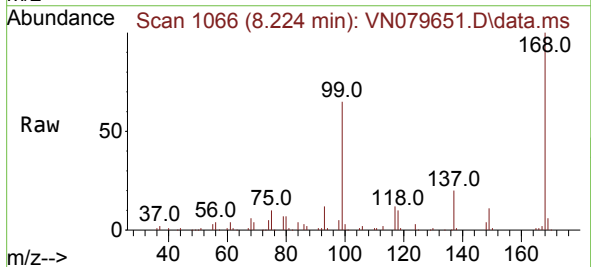


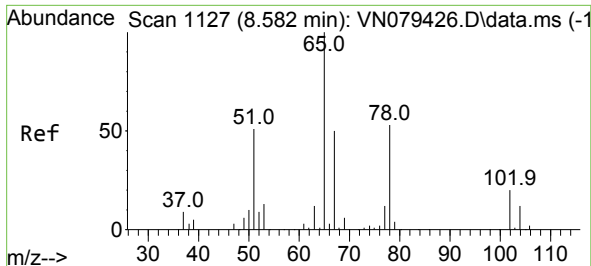
Tgt Ion: 42 Resp: 598
Ion Ratio Lower Upper
42 100
72 11.0 49.8 74.6#
71 0.0 47.4 71.2#



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Tgt Ion: 56 Resp: 6756
Ion Ratio Lower Upper
56 100
69 97.6 26.8 40.2#
84 100.3 81.8 122.6

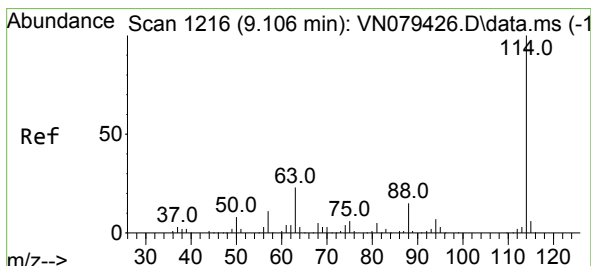
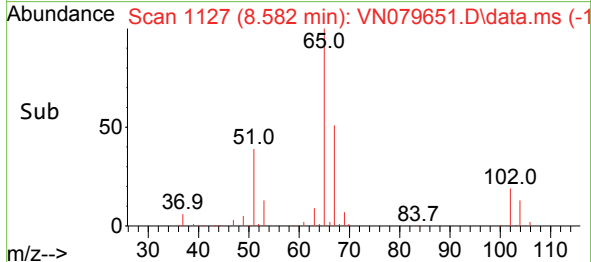
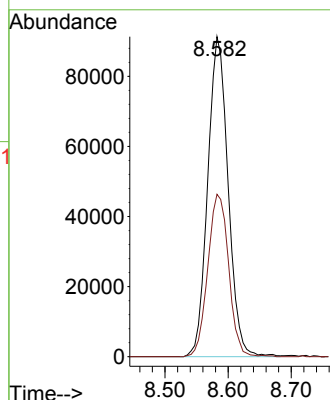
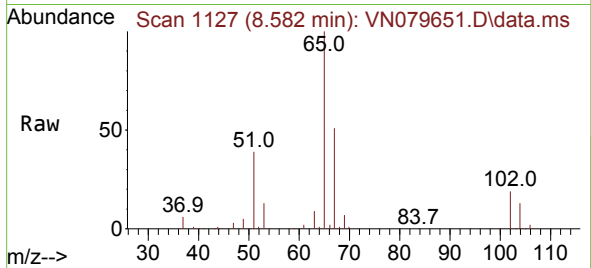




#33
 1,2-Dichloroethane-d4
 Concen: 55.647 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN079651.D
 Acq: 23 Oct 2023 16:12

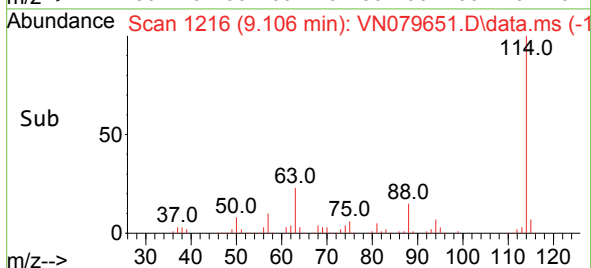
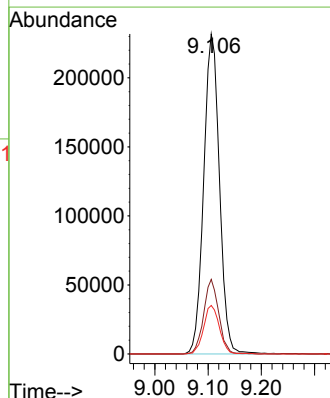
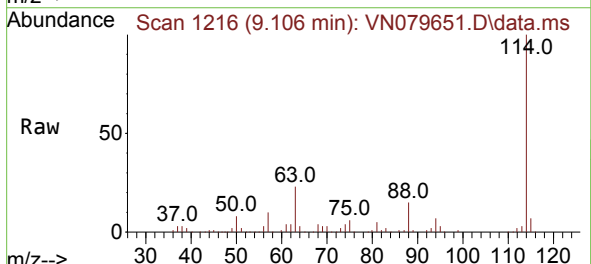
Instrument :
 MSVOA_N
 ClientSampleId :

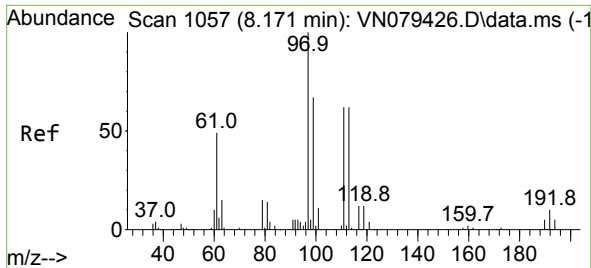
Tgt Ion: 65 Resp: 204877
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN079651.D
 Acq: 23 Oct 2023 16:12

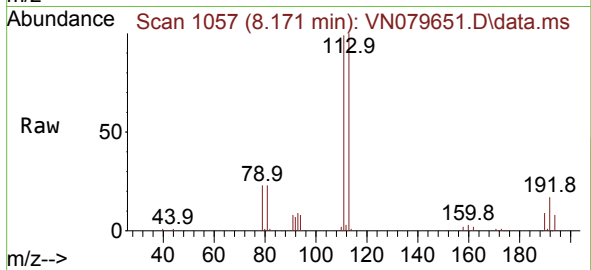
Tgt Ion: 114 Resp: 475990
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 36.4
 88 15.2 0.0 30.6



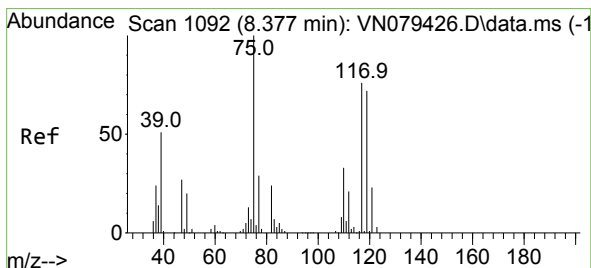
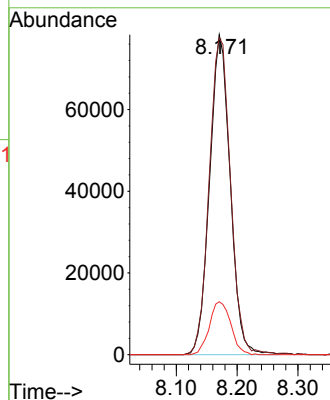
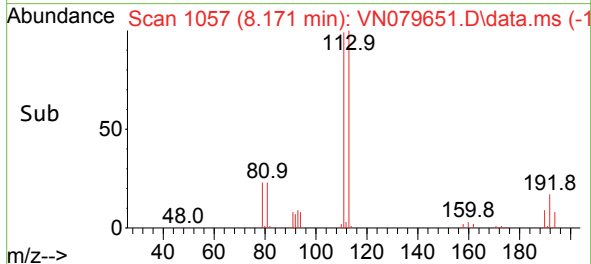


#35
Dibromofluoromethane
Concen: 53.719 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :

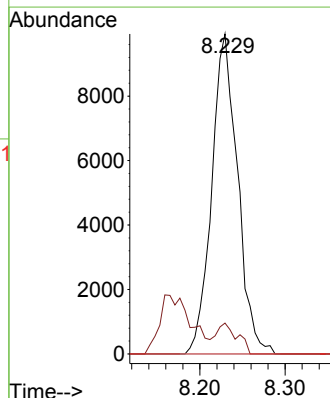
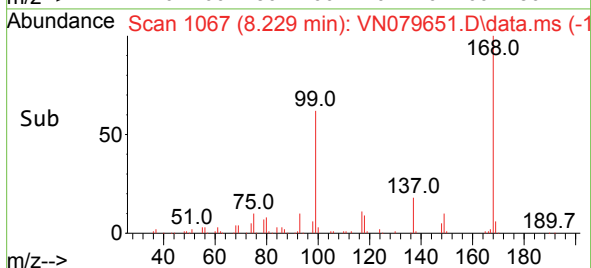
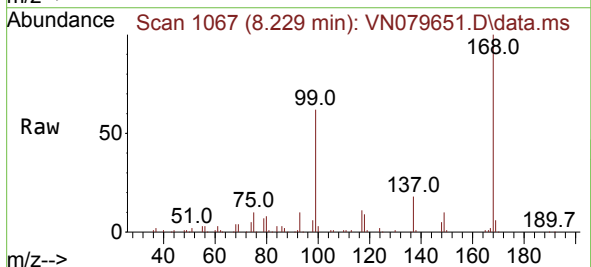


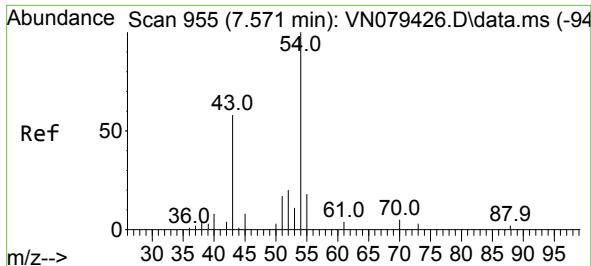
Tgt Ion:113 Resp: 183753
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.085 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

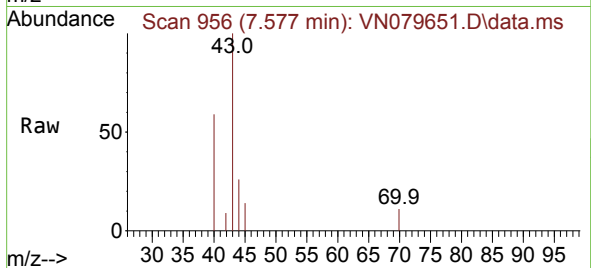
Tgt Ion: 75 Resp: 20974
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.3#
77 0.0 25.0 37.4#



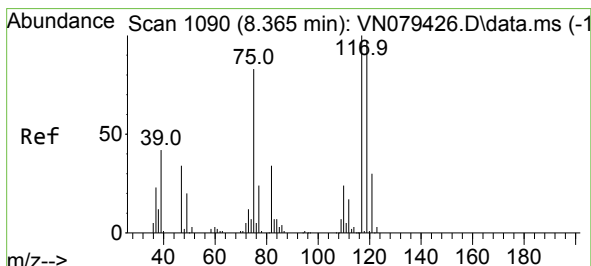
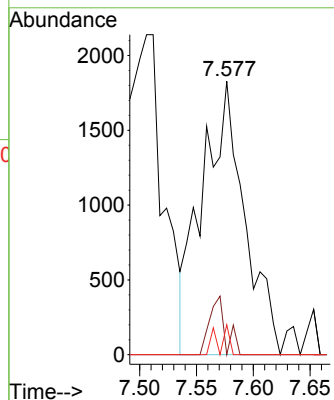
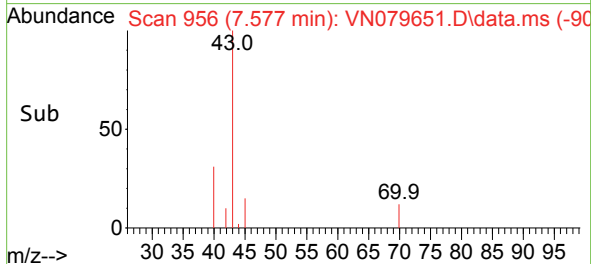


#37
Ethyl Acetate
Concen: 0.931 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Instrument :
MSVOA_N
ClientSampleId :

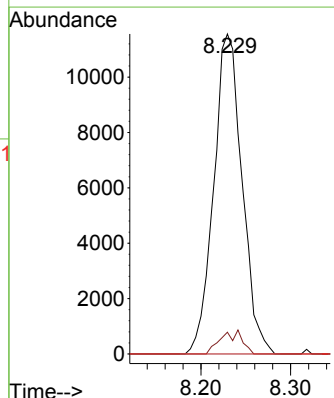
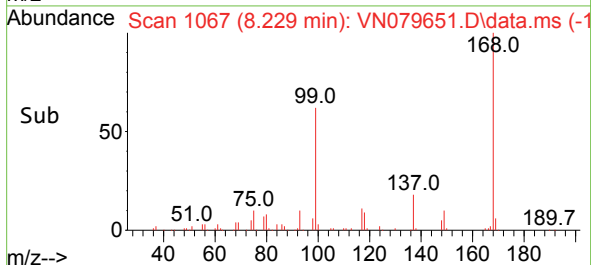
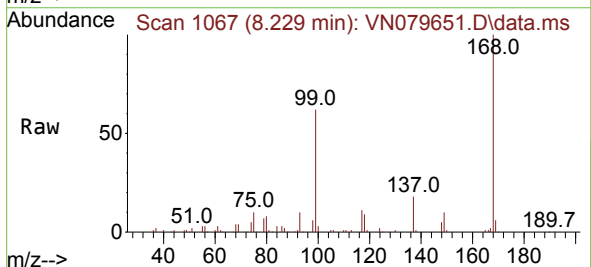


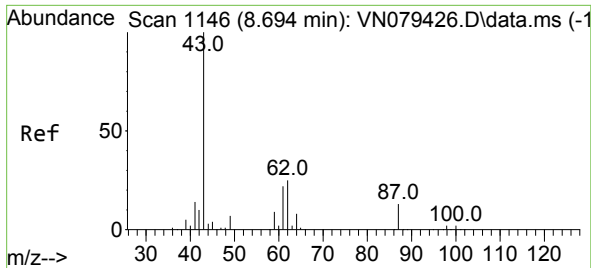
Tgt Ion: 43 Resp: 4755
Ion Ratio Lower Upper
43 100
61 8.0 13.2 19.8#
70 2.8 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 4.932 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Tgt Ion: 117 Resp: 25346
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 23.3 34.9#

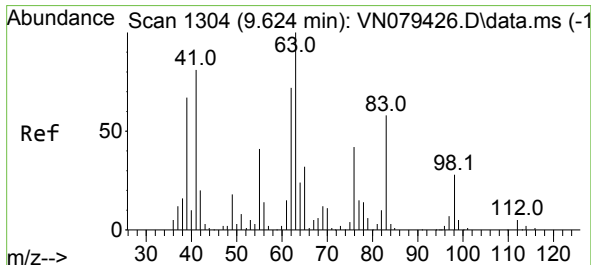
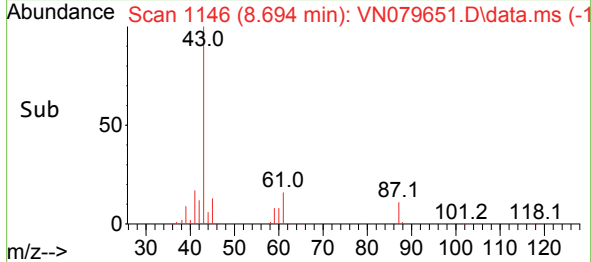
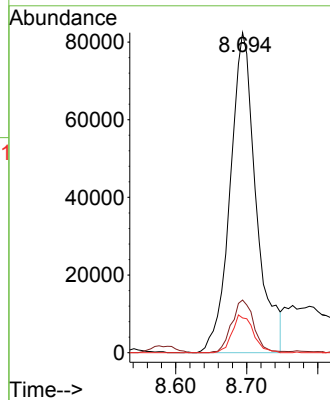
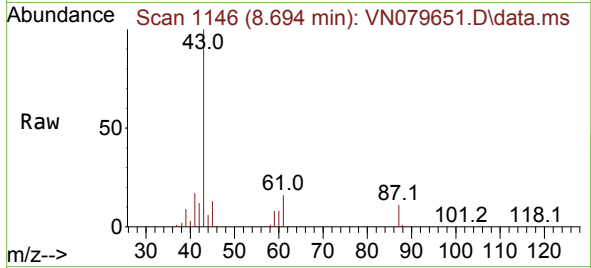




#43
Isopropyl Acetate
Concen: 23.426 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

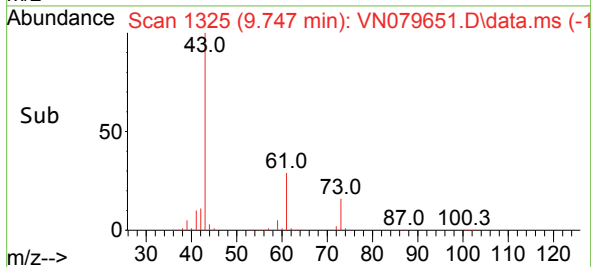
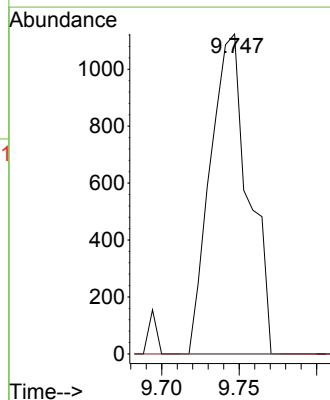
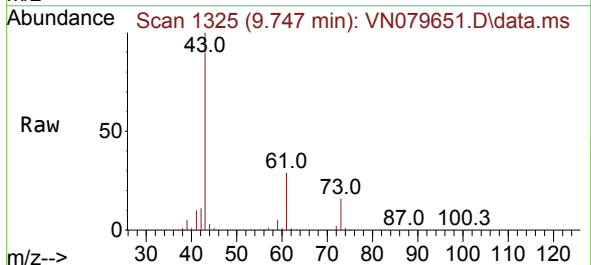
Instrument :
MSVOA_N
ClientSampleId :

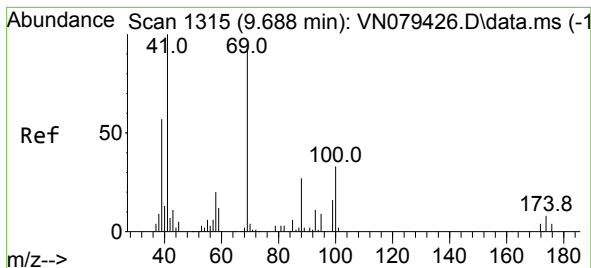
Tgt Ion: 43 Resp: 209653
Ion Ratio Lower Upper
43 100
61 14.1 24.7 37.1#
87 9.6 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.479 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.123 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Tgt Ion: 63 Resp: 1924
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 1.217 ug/l

RT: 9.671 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN079651.D

Acq: 23 Oct 2023 16:12

Instrument :

MSVOA_N

ClientSampleId :

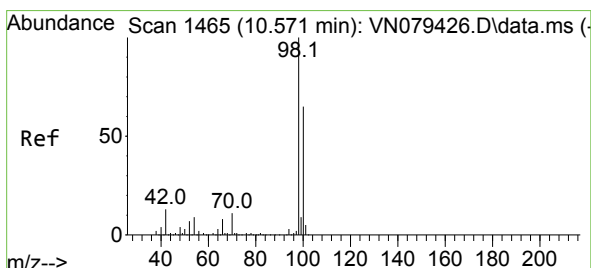
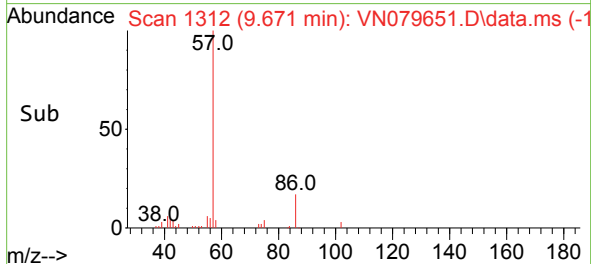
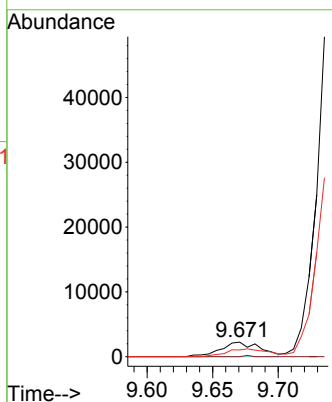
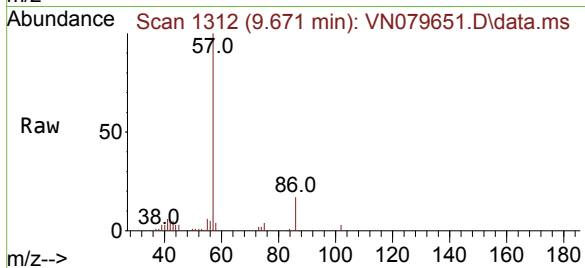
Tgt Ion: 41 Resp: 4668

Ion Ratio Lower Upper

41 100

69 1.4 90.4 135.6#

39 58.8 54.6 81.8



#50

Toluene-d8

Concen: 47.553 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079651.D

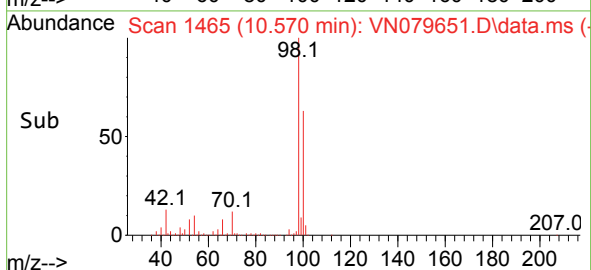
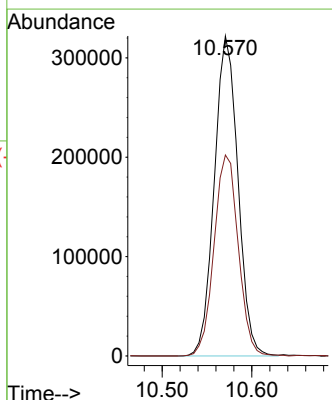
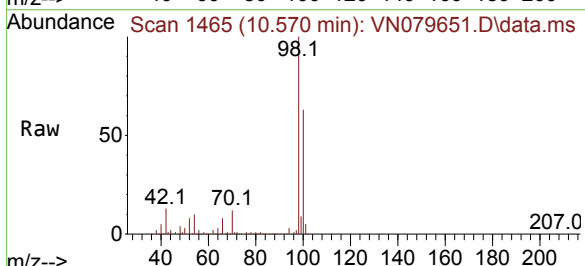
Acq: 23 Oct 2023 16:12

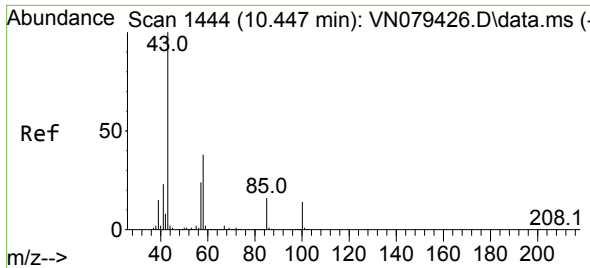
Tgt Ion: 98 Resp: 588555

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

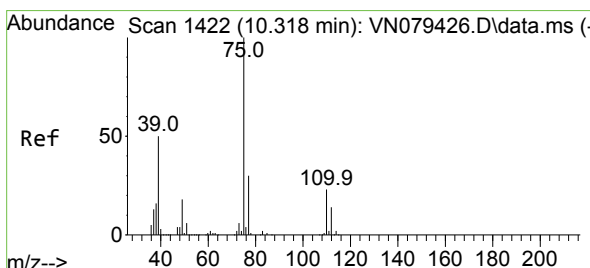
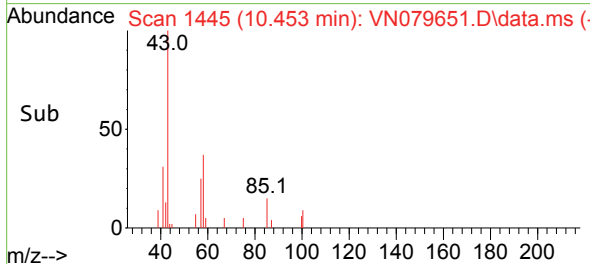
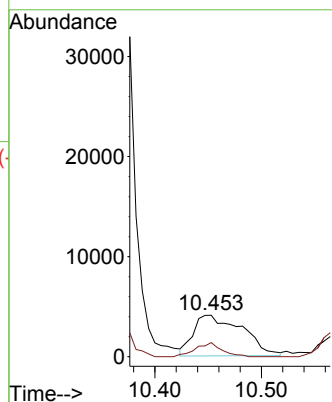
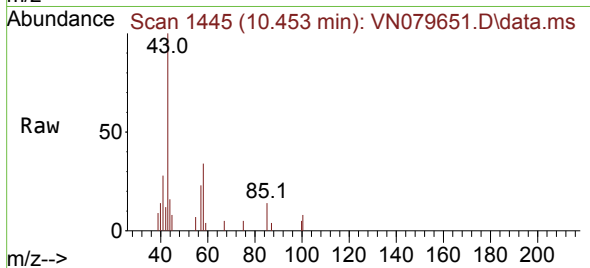




#51
4-Methyl-2-Pentanone
Concen: 2.570 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

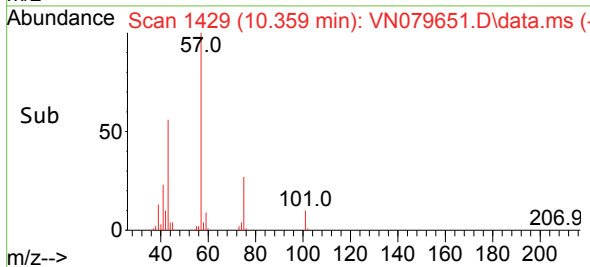
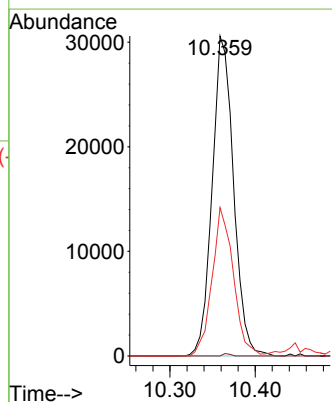
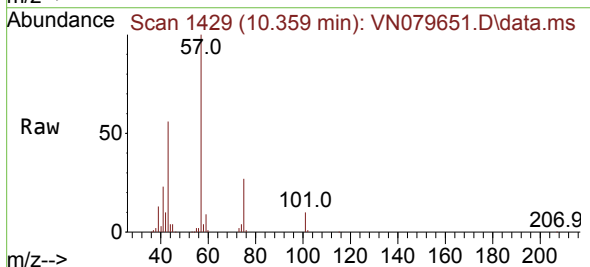
Instrument :
MSVOA_N
ClientSampleId :

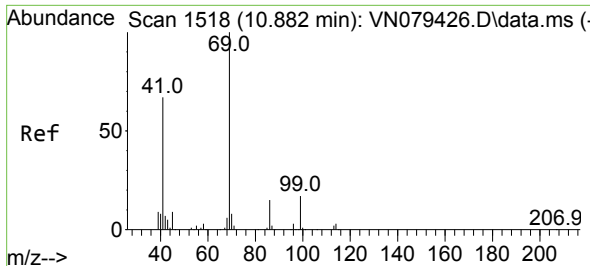
Tgt Ion: 43 Resp: 12986
Ion Ratio Lower Upper
43 100
58 18.4 36.6 54.8#



#54
cis-1,3-Dichloropropene
Concen: 9.037 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

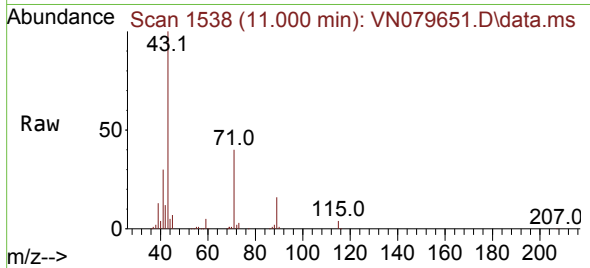
Tgt Ion: 75 Resp: 53354
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
39 46.4 31.6 47.4



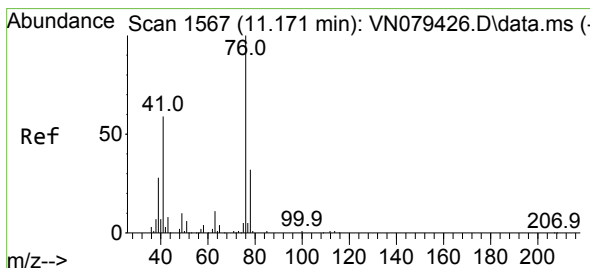
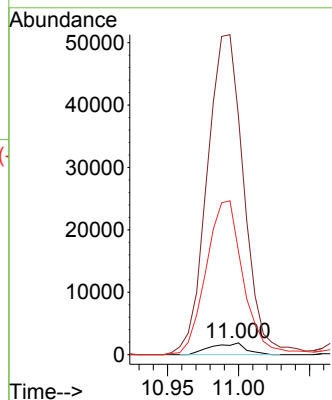
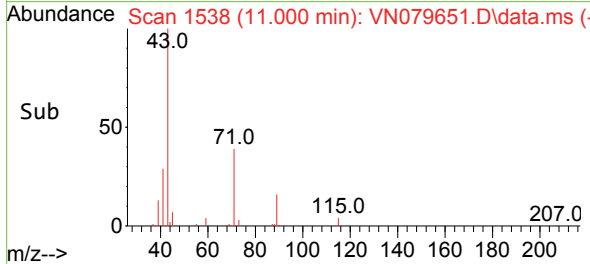


#56
Ethyl methacrylate
Concen: 0.650 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

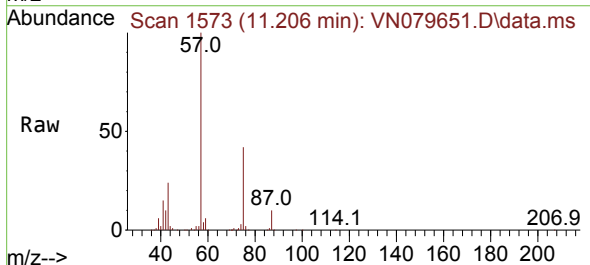
Instrument :
MSVOA_N
ClientSampleId :



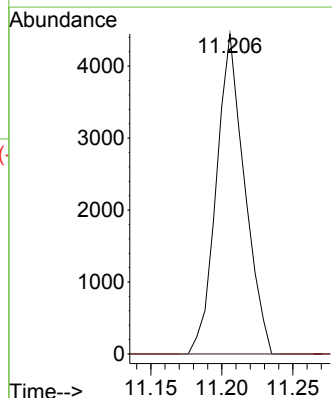
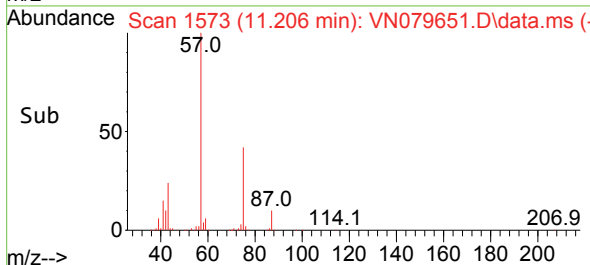
Tgt Ion: 69 Resp: 3216
Ion Ratio Lower Upper
69 100
41 2870.3 39.6 59.4#
39 1399.0 28.6 43.0#

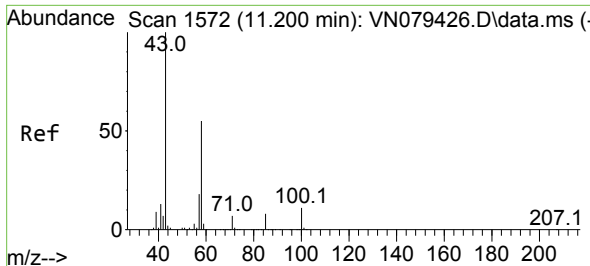


#57
1,3-Dichloropropane
Concen: 0.988 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.035 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12



Tgt Ion: 76 Resp: 6149
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

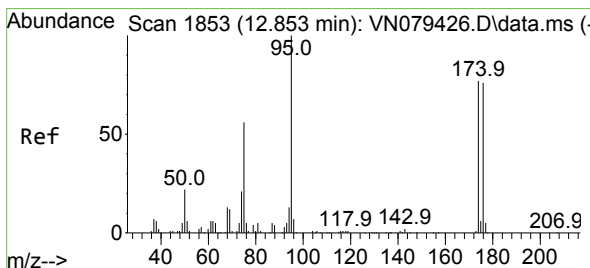
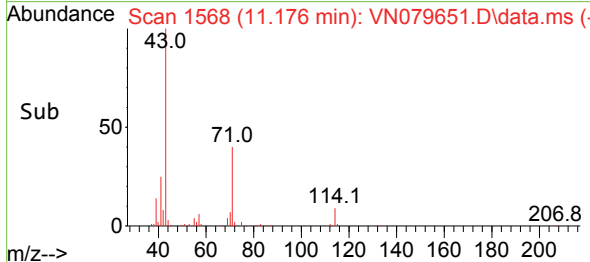
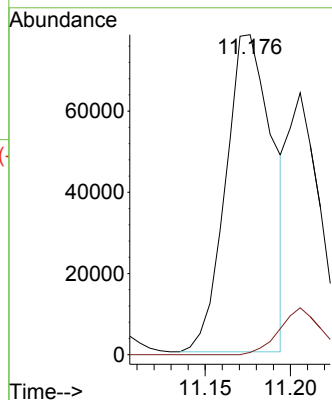
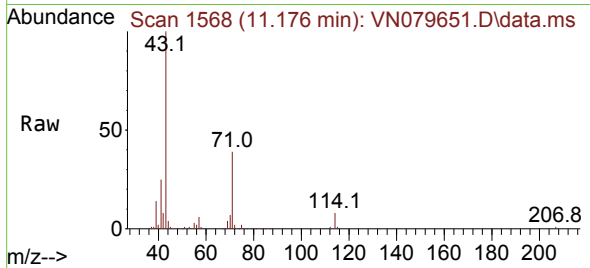




#59
2-Hexanone
Concen: 41.106 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

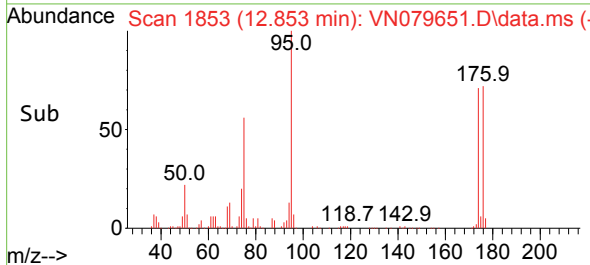
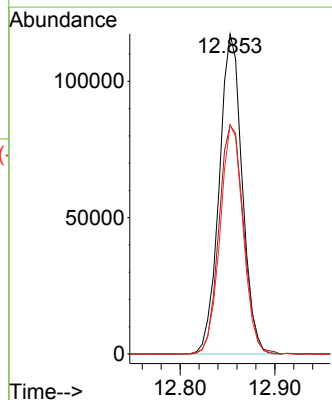
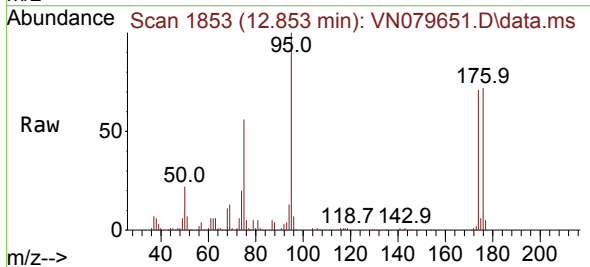
Instrument :
MSVOA_N
ClientSampleId :

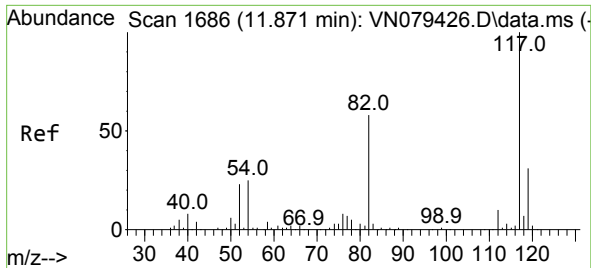
Tgt Ion: 43 Resp: 149856
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 49.729 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Tgt Ion: 95 Resp: 197521
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 71.8 0.0 135.8

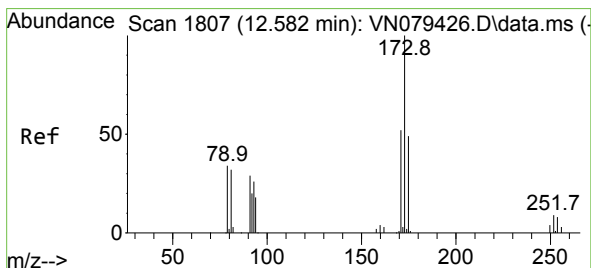
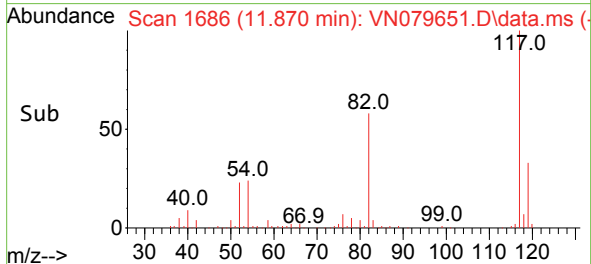
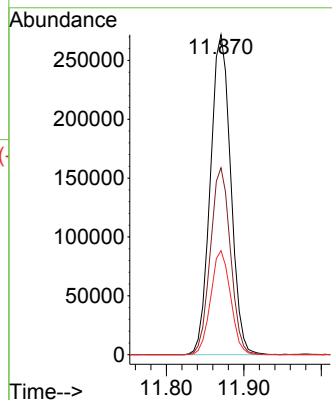
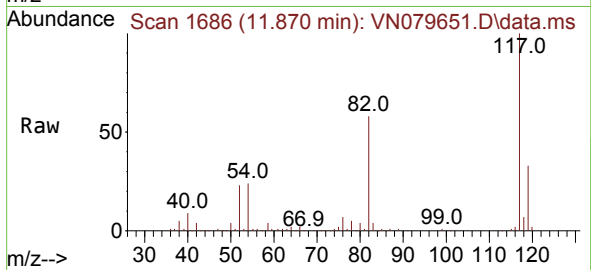




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

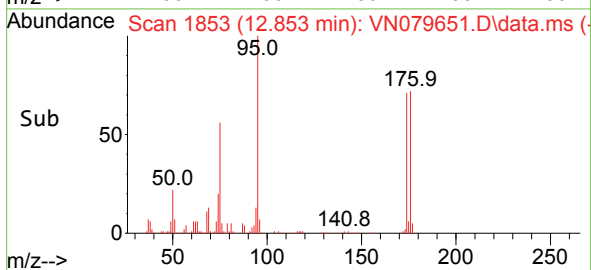
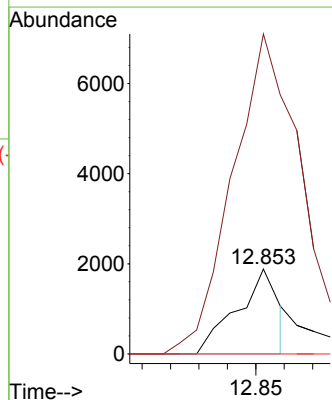
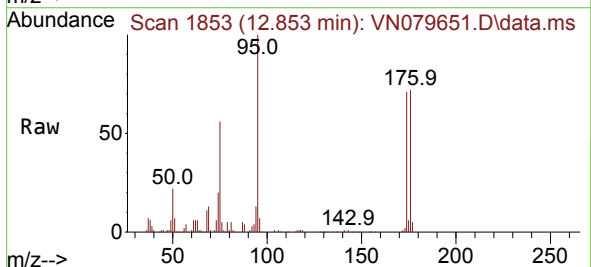
Instrument :
MSVOA_N
ClientSampleId :

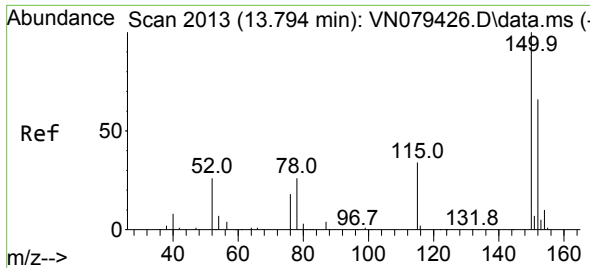
Tgt Ion:117 Resp: 496698
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 32.5 25.6 38.4



#71
Bromoform
Concen: 0.648 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.270 min
Lab File: VN079651.D
Acq: 23 Oct 2023 16:12

Tgt Ion:173 Resp: 1921
Ion Ratio Lower Upper
173 100
175 449.0 24.3 73.0#
254 0.0 0.0 0.0

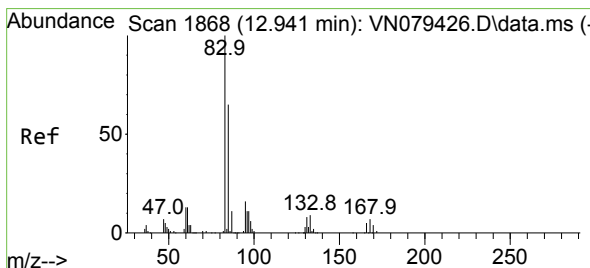
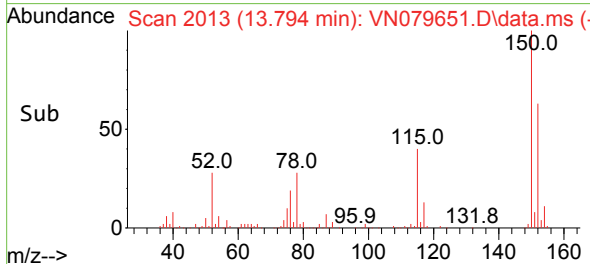
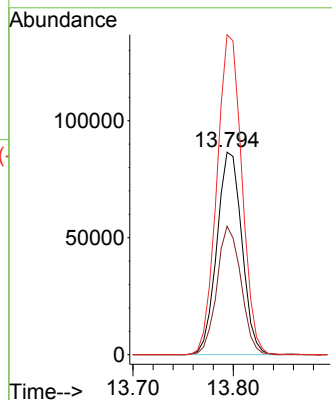
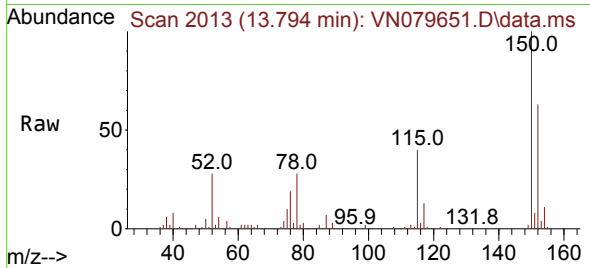




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079651.D
 Acq: 23 Oct 2023 16:12

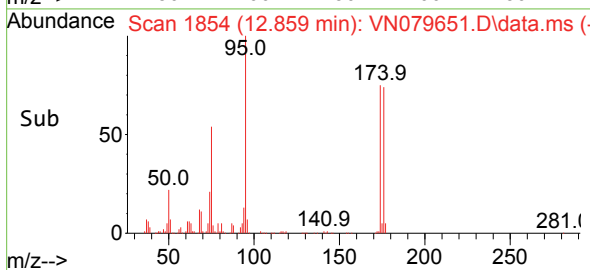
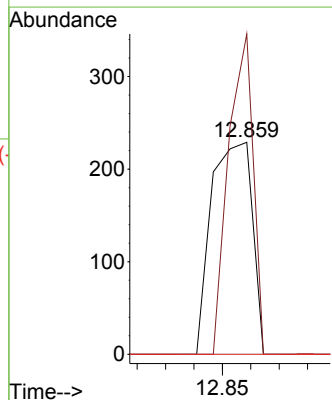
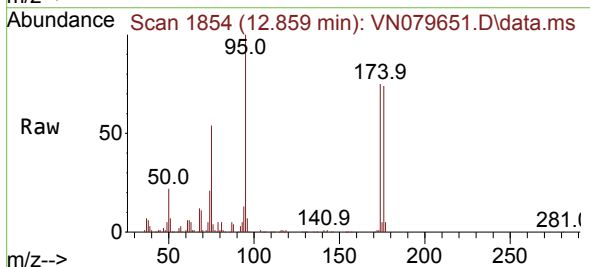
Instrument :
 MSVOA_N
 ClientSampleId :

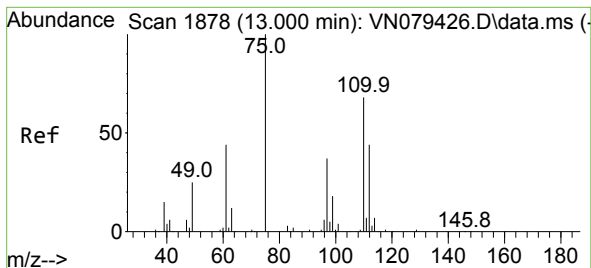
Tgt Ion:152 Resp: 149598
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 158.1 0.0 355.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.859 min Scan# 1854
 Delta R.T. -0.082 min
 Lab File: VN079651.D
 Acq: 23 Oct 2023 16:12

Tgt Ion: 83 Resp: 229
 Ion Ratio Lower Upper
 83 100
 131 91.3 5.0 15.0#
 85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 25.919 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079651.D

Acq: 23 Oct 2023 16:12

Instrument :

MSVOA_N

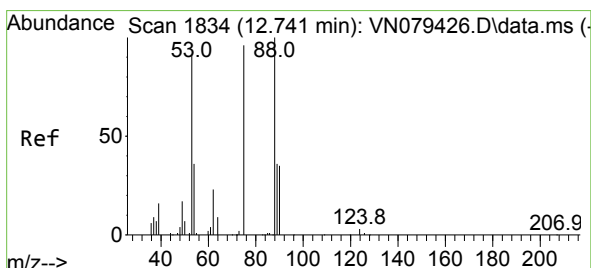
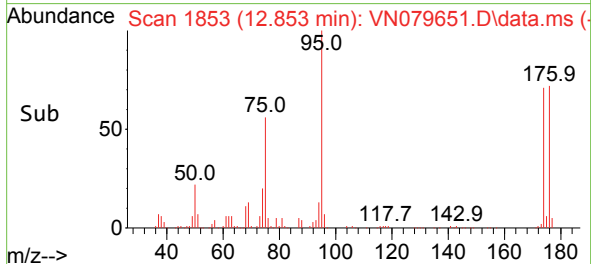
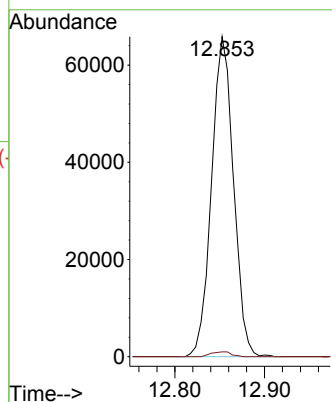
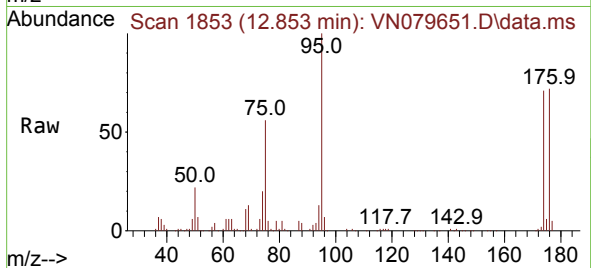
ClientSampleId :

Tgt Ion: 75 Resp: 111795

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.204 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079651.D

Acq: 23 Oct 2023 16:12

Tgt Ion: 75 Resp: 111795

Ion Ratio Lower Upper

75 100

53 0.4 67.4 101.2#

89 0.0 38.8 58.2#

