

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080544.D
 Acq On : 20 Dec 2023 14:09
 Operator : JC\MD
 Sample : 05932-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:41:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

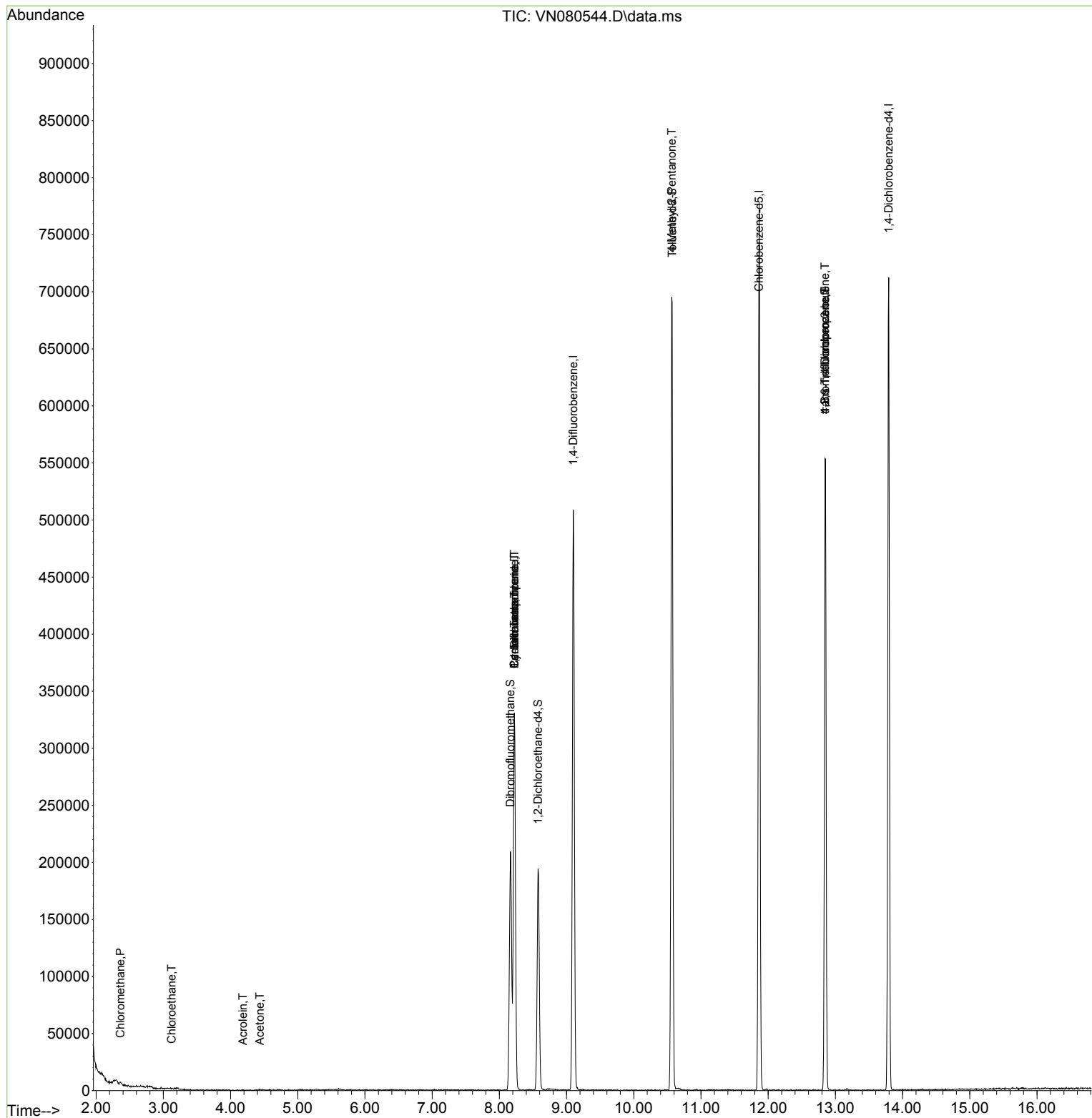
Internal Standards						
1) Pentafluorobenzene	8.224	168	233996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	442530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	448925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172766	57.807	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.620%			
35) Dibromofluoromethane	8.165	113	146449	52.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	10.570	98	496208	47.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.840%			
62) 4-Bromofluorobenzene	12.847	95	203983	51.335	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.680%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	3716	0.792	ug/l #	87
6) Chloroethane	3.124	64	496	0.302	ug/l #	43
13) Acrolein	4.183	56	240	0.623	ug/l #	16
16) Acetone	4.436	43	1048	1.978	ug/l #	40
31) Cyclohexane	8.224	56	5173	1.273	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	19817	4.320	ug/l #	47
38) Carbon Tetrachloride	8.224	117	26393	4.815	ug/l #	14
51) 4-Methyl-2-Pentanone	10.565	43	1692	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	107180	27.560	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	107180	72.361	ug/l #	15

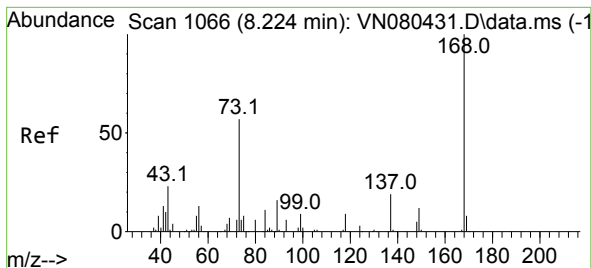
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080544.D

Acq: 20 Dec 2023 14:09

Instrument :

MSVOA_N

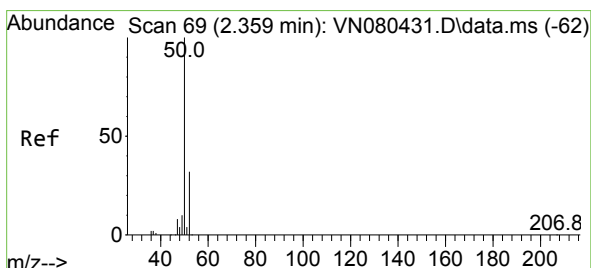
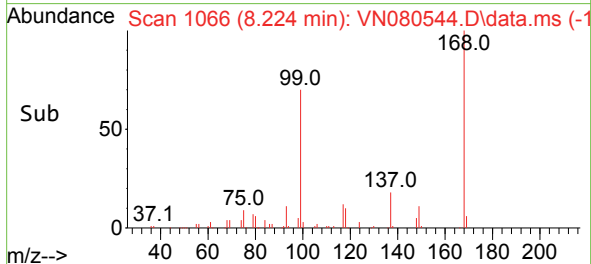
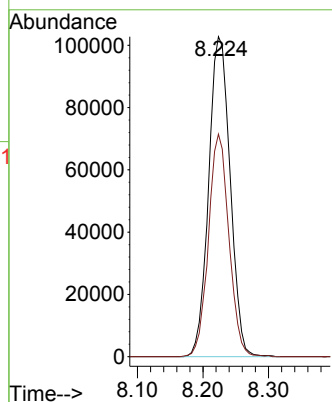
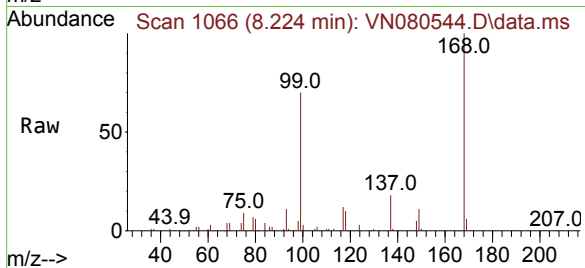
ClientSampleId :

Tgt Ion:168 Resp: 233996

Ion Ratio Lower Upper

168 100

99 69.6 53.0 79.6



#3

Chloromethane

Concen: 0.792 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080544.D

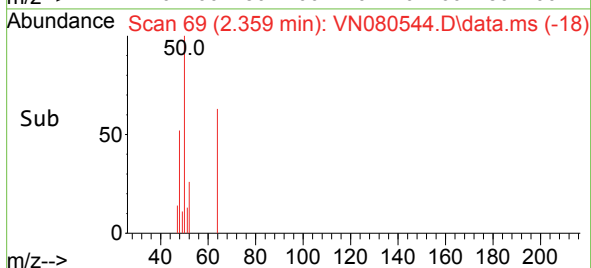
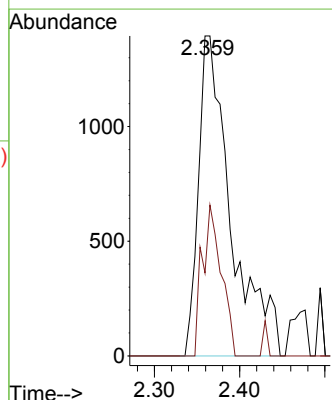
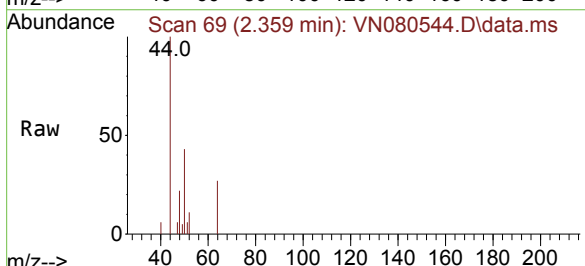
Acq: 20 Dec 2023 14:09

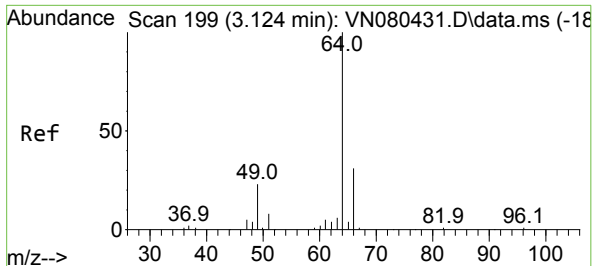
Tgt Ion: 50 Resp: 3716

Ion Ratio Lower Upper

50 100

52 25.9 26.5 39.7#

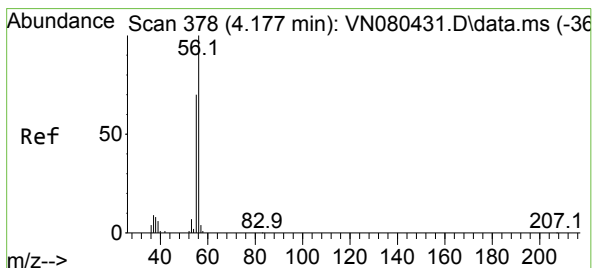
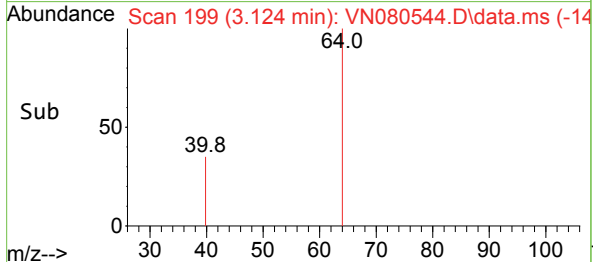
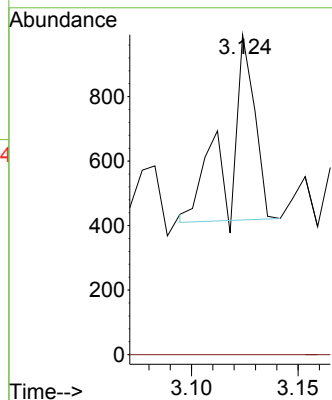
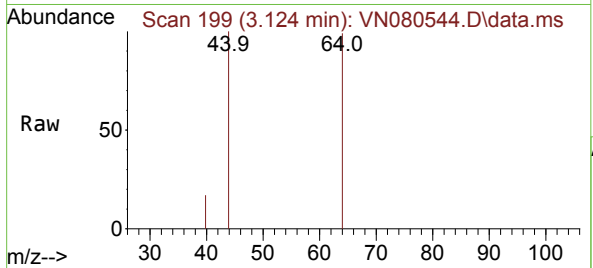




#6
Chloroethane
Concen: 0.302 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

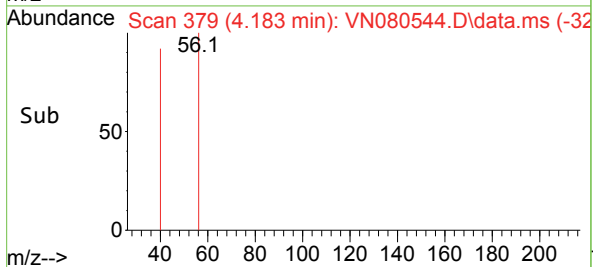
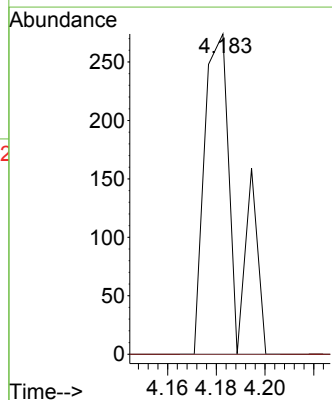
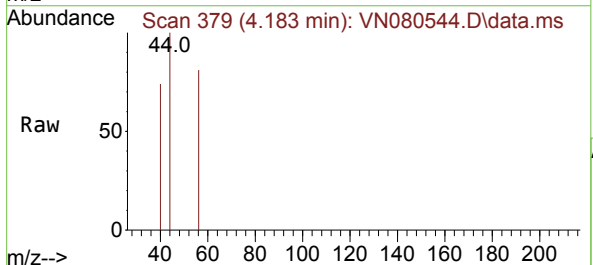
Instrument :
MSVOA_N
ClientSampleId :

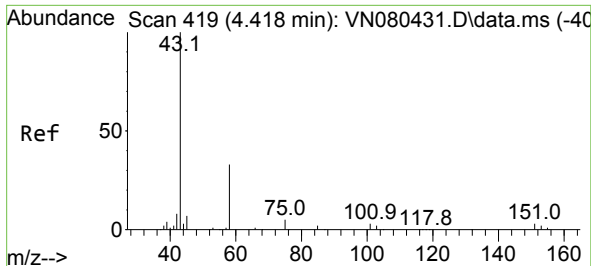
Tgt Ion: 64 Resp: 496
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 0.623 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

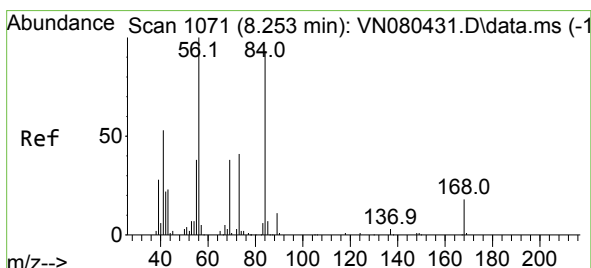
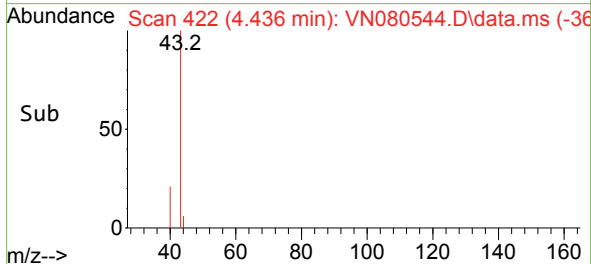
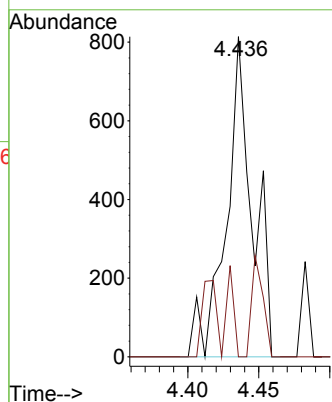
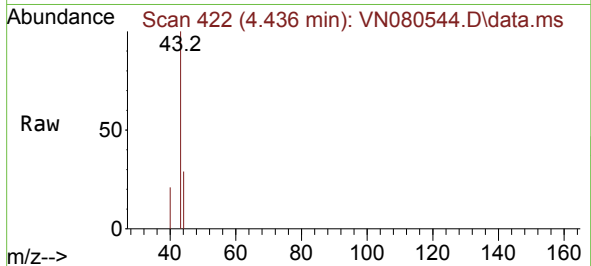




#16
Acetone
Concen: 1.978 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

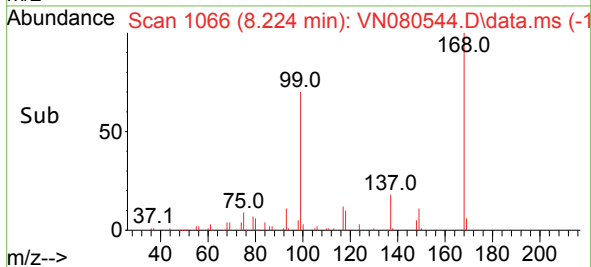
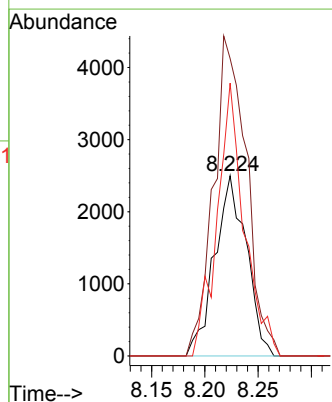
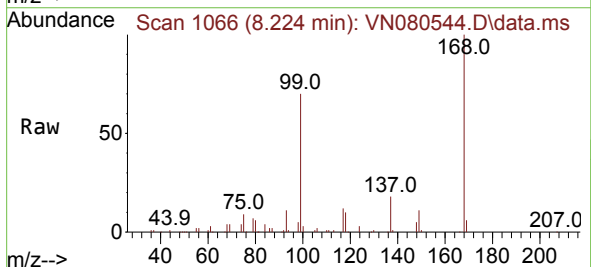
Instrument :
MSVOA_N
ClientSampleId :

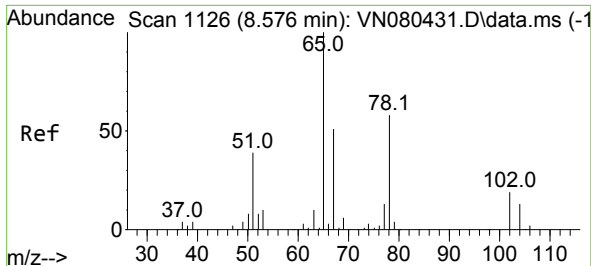
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion: 56 Resp: 5173
Ion Ratio Lower Upper
56 100
69 165.1 26.8 40.2#
84 151.4 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 57.807 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080544.D

Acq: 20 Dec 2023 14:09

Instrument :

MSVOA_N

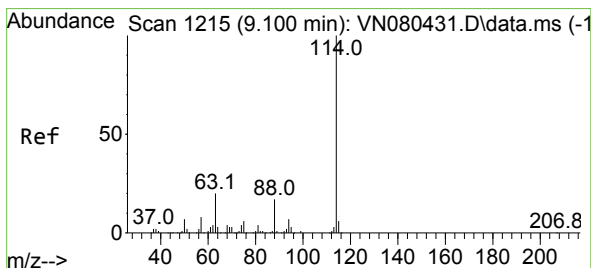
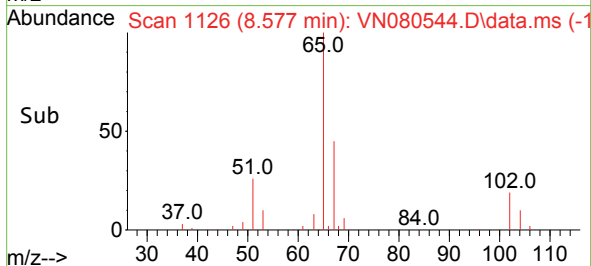
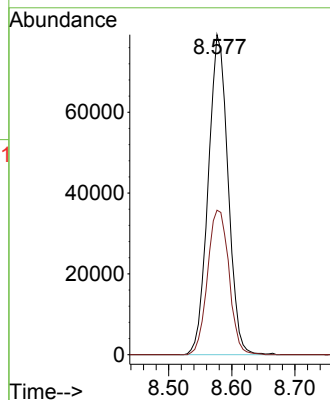
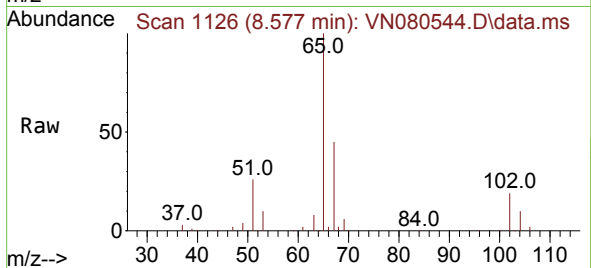
ClientSampleId :

Tgt Ion: 65 Resp: 172766

Ion Ratio Lower Upper

65 100

67 48.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080544.D

Acq: 20 Dec 2023 14:09

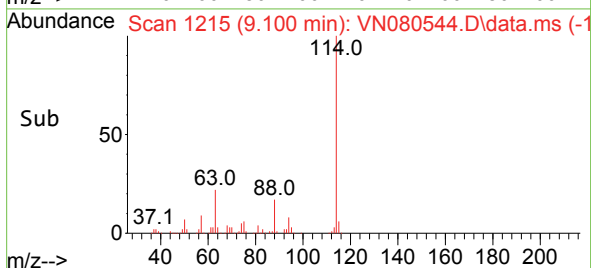
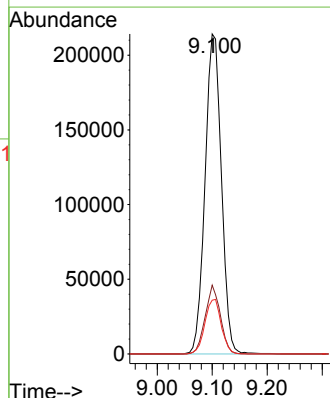
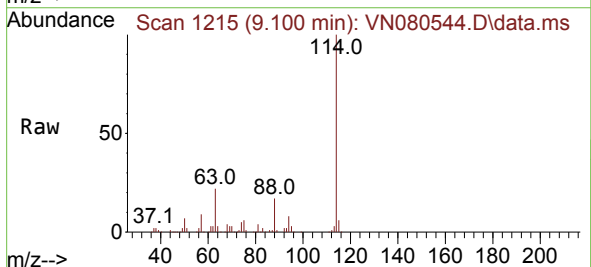
Tgt Ion: 114 Resp: 442530

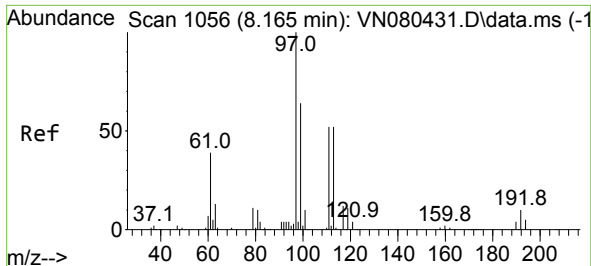
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

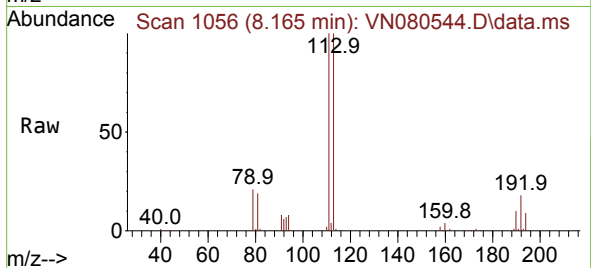
88 16.8 0.0 30.6



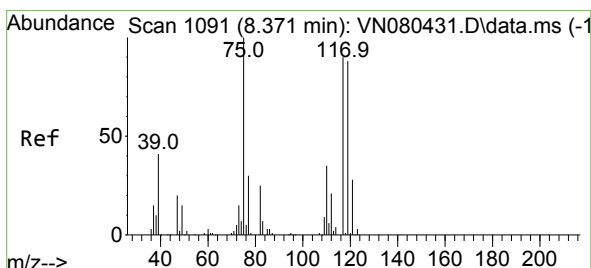
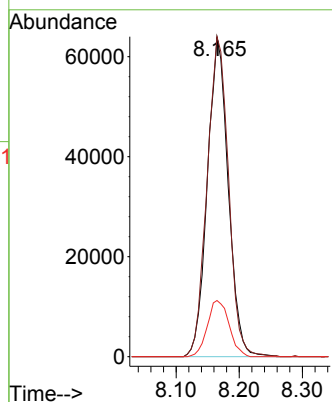
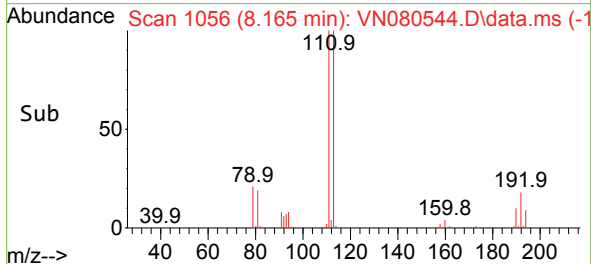


#35
Dibromofluoromethane
Concen: 52.195 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :

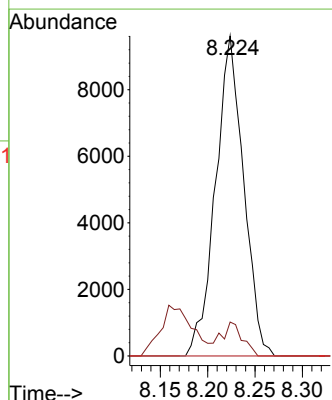
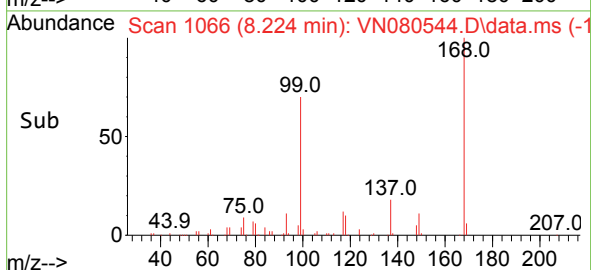
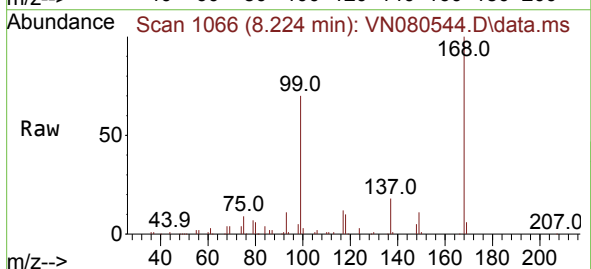


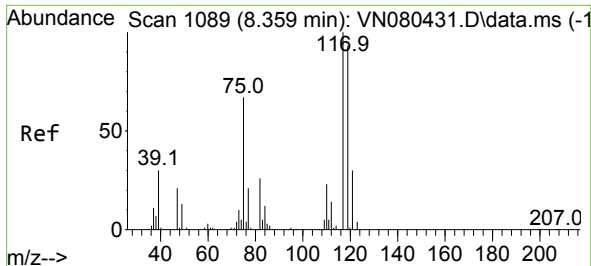
Tgt Ion:113 Resp: 146449
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.320 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

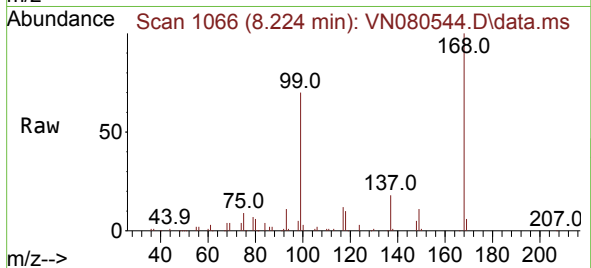
Tgt Ion: 75 Resp: 19817
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.0 25.0 37.4#



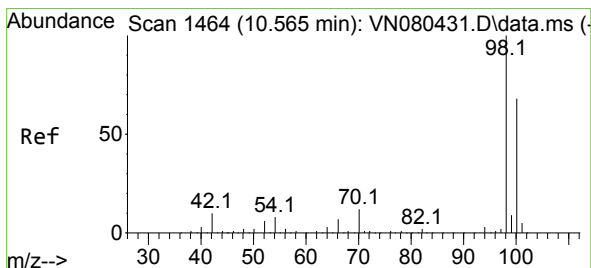
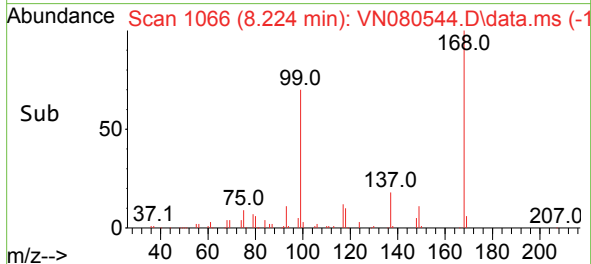
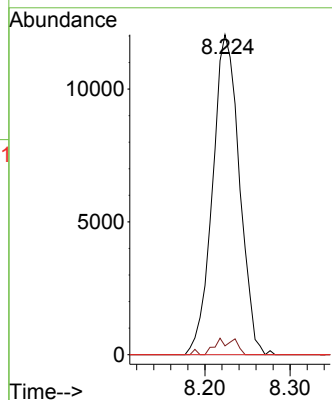


#38
Carbon Tetrachloride
Concen: 4.815 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :

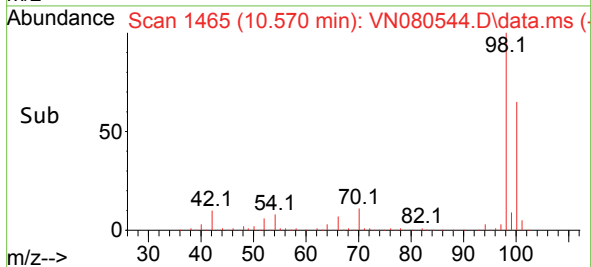
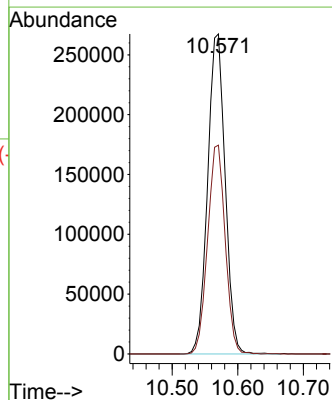
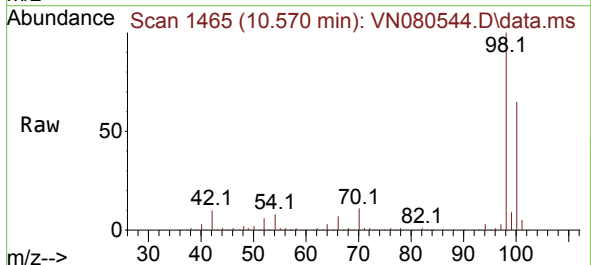


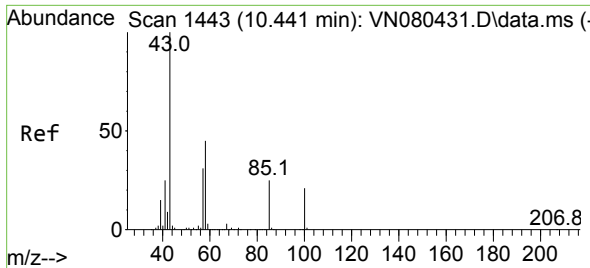
Tgt Ion:117 Resp: 26393
Ion Ratio Lower Upper
117 100
119 2.7 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 47.419 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion: 98 Resp: 496208
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

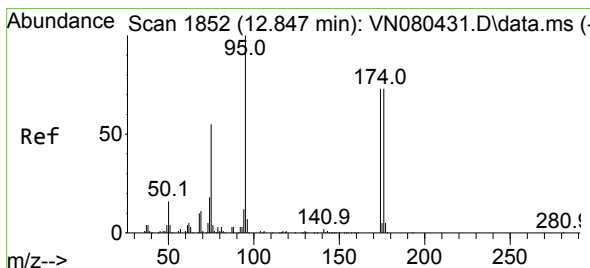
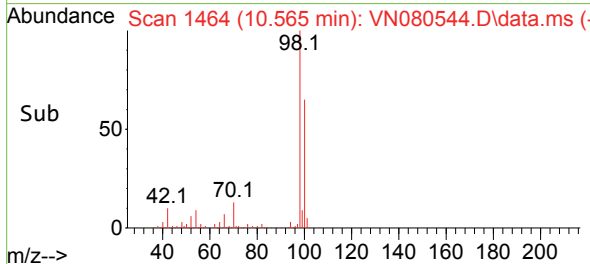
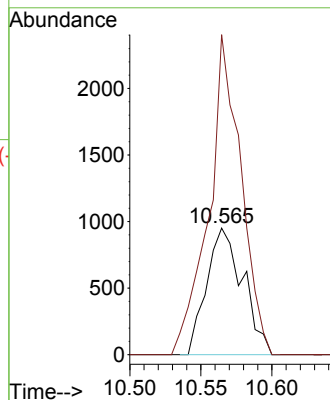
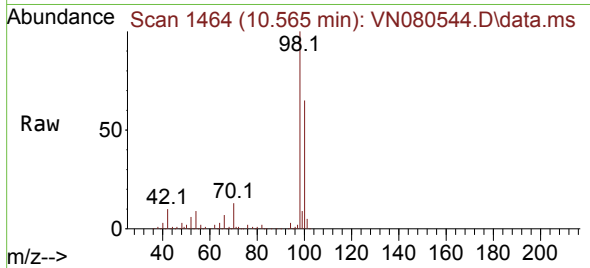




#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

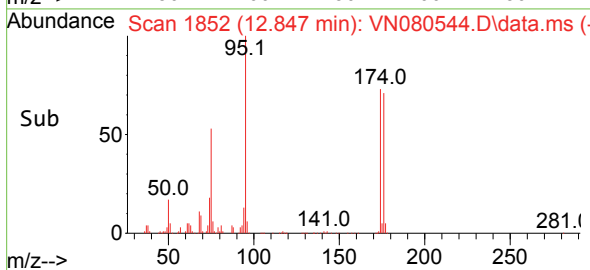
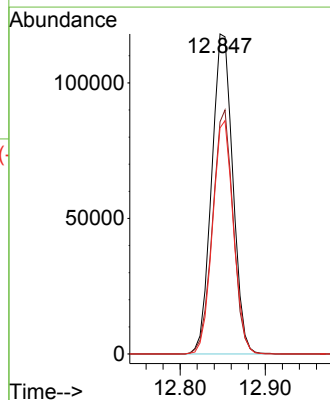
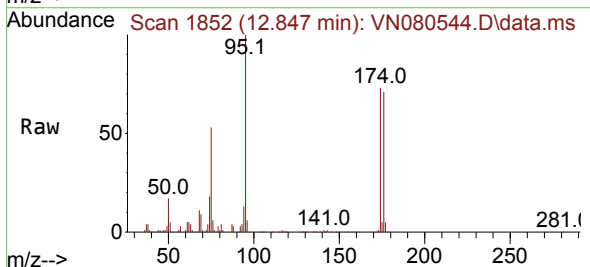
Instrument :
MSVOA_N
ClientSampleId :

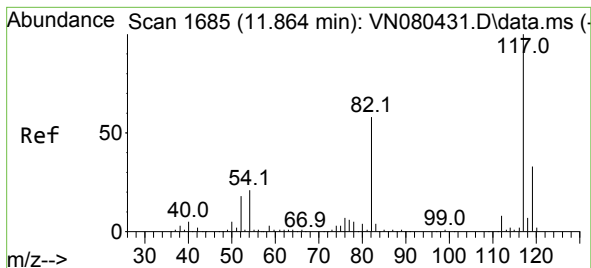
Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
58 224.2 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 51.335 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion: 95 Resp: 203983
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.6 0.0 135.8

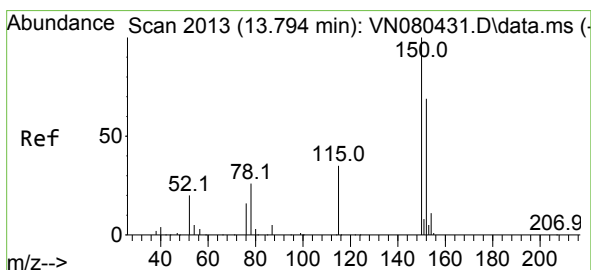
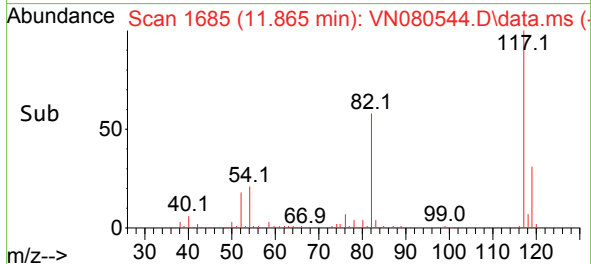
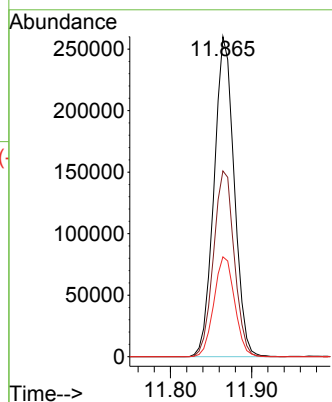
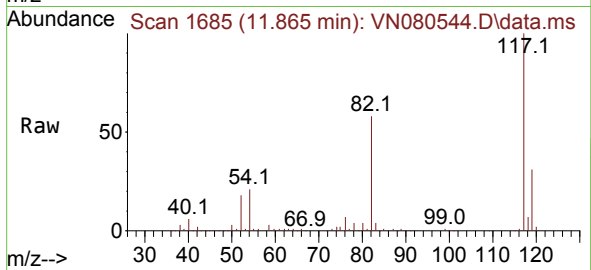




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

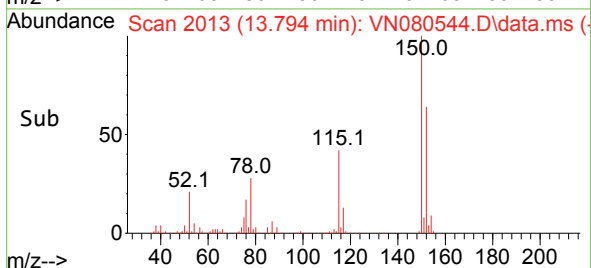
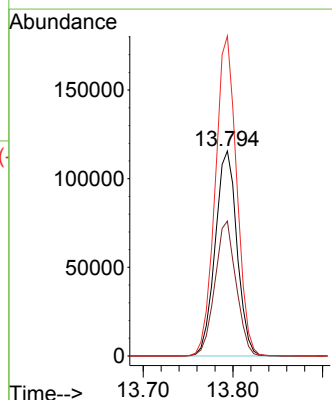
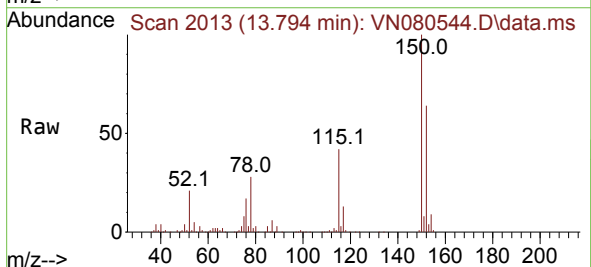
Instrument :
MSVOA_N
ClientSampleId :

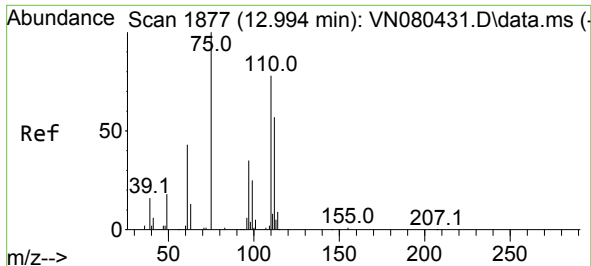
Tgt Ion:117 Resp: 448925
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion:152 Resp: 194941
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 153.3 0.0 355.8

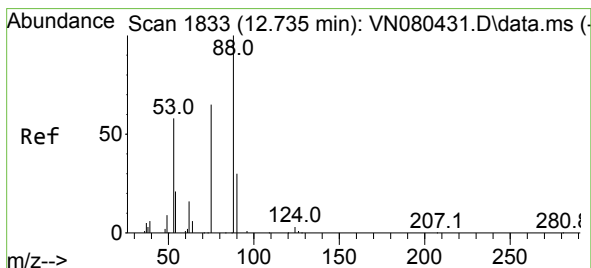
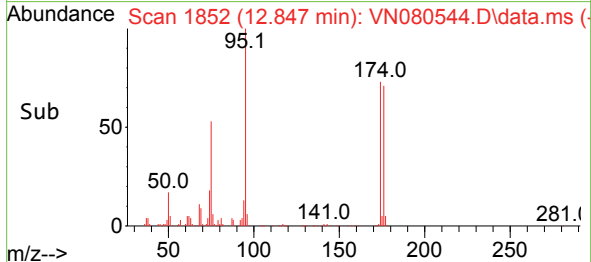
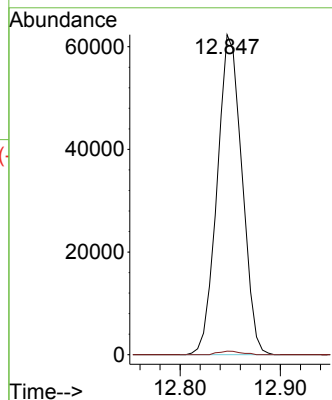
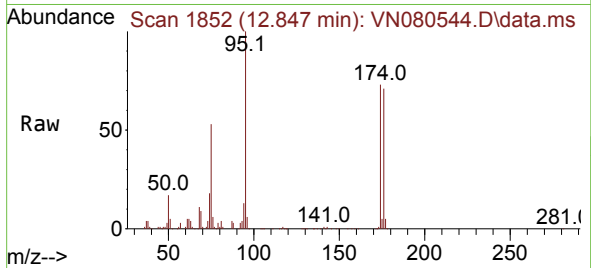




#76
1,2,3-Trichloropropane
Concen: 27.560 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 107180
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.361 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion: 75 Resp: 107180
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

