

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080516.D
 Acq On : 19 Dec 2023 13:35
 Operator : JC\MD
 Sample : 05886-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 04:01:05 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)

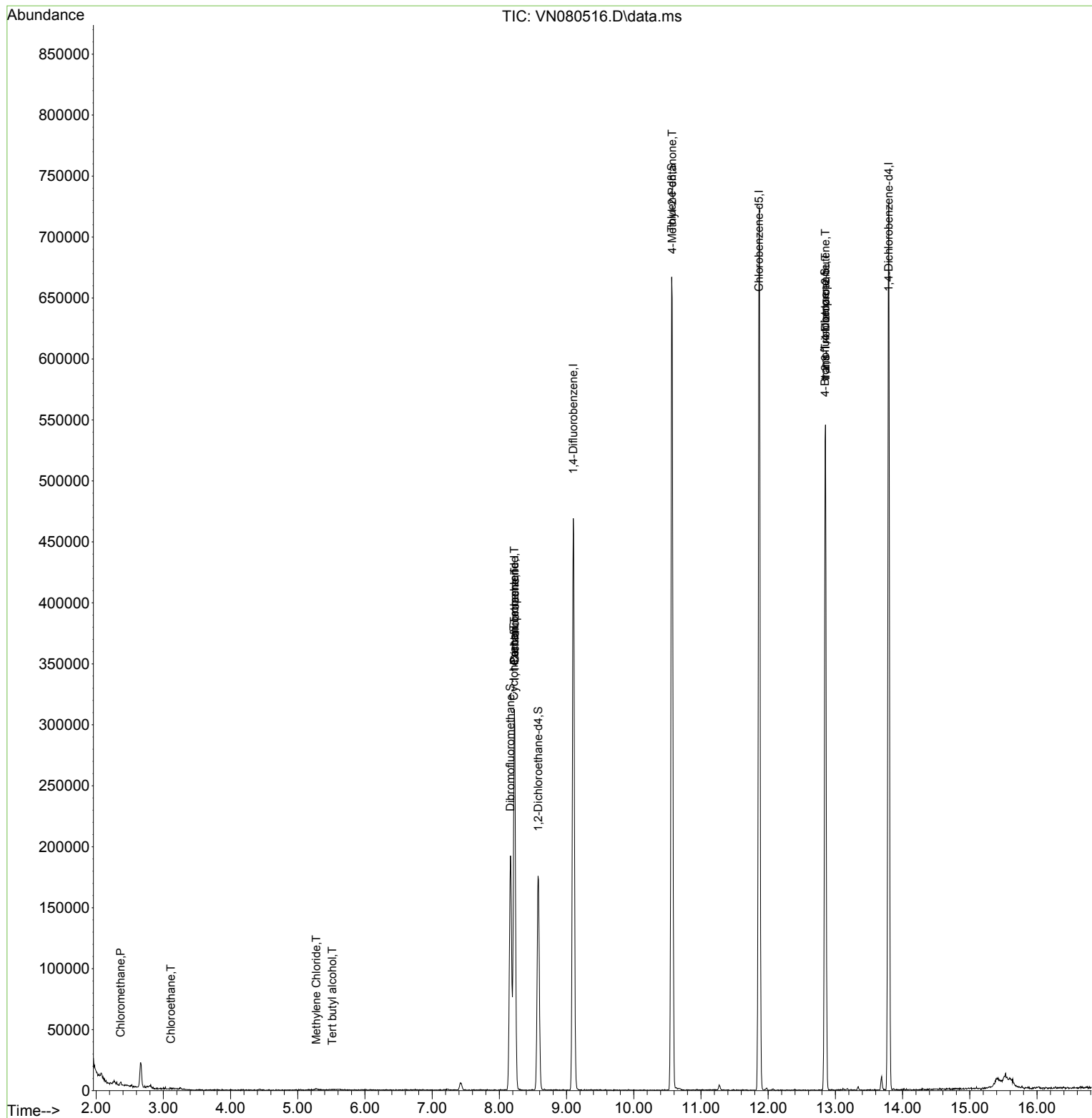
Internal Standards						
1) Pentafluorobenzene	8.224	168	217513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	406556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	423540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	159073	57.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.520%	
35) Dibromofluoromethane	8.165	113	136021	52.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.540%	
50) Toluene-d8	10.565	98	483333	50.276	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.847	95	198706	54.432	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2997	0.632	ug/l #	84
6) Chloroethane	3.112	64	329	0.216	ug/l #	43
11) Tert butyl alcohol	5.512	59	135	0.413	ug/l #	72
20) Methylene Chloride	5.277	84	756	0.287	ug/l #	71
31) Cyclohexane	8.218	56	5013	1.327	ug/l #	46
36) 1,1-Dichloropropene	8.229	75	18162	4.309	ug/l #	49
38) Carbon Tetrachloride	8.224	117	23767	4.719	ug/l #	16
51) 4-Methyl-2-Pentanone	10.570	43	1634	0.625	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	107299	27.784	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107299	72.949	ug/l #	15

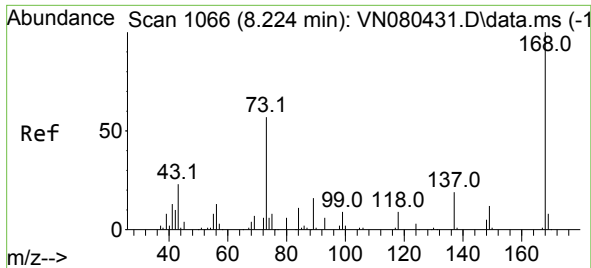
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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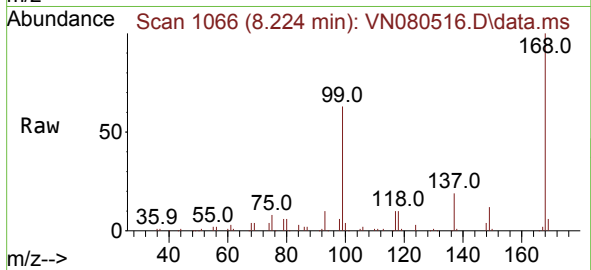
Quant Time: Dec 20 04:01:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
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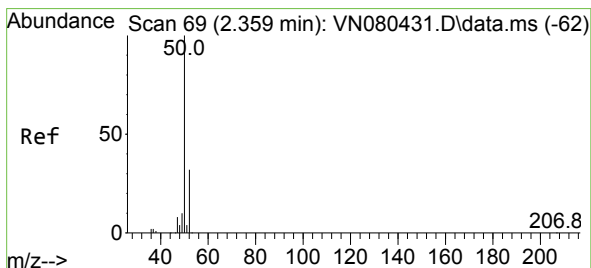
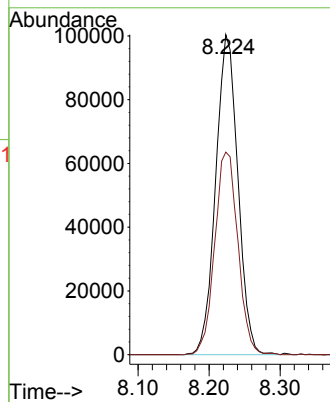
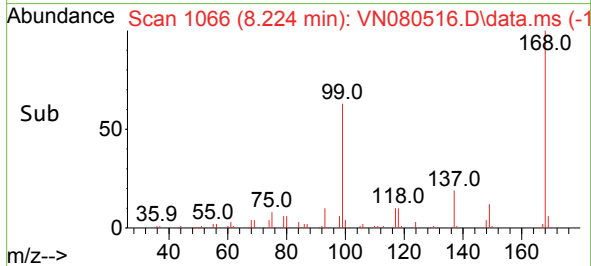


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :

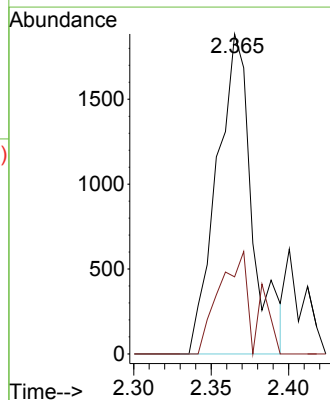
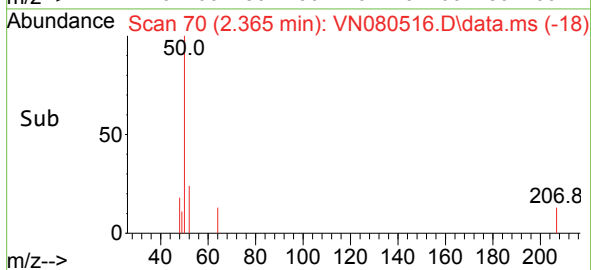
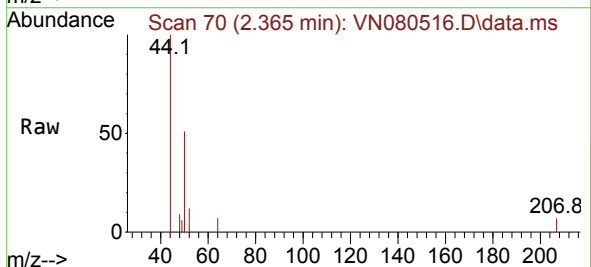


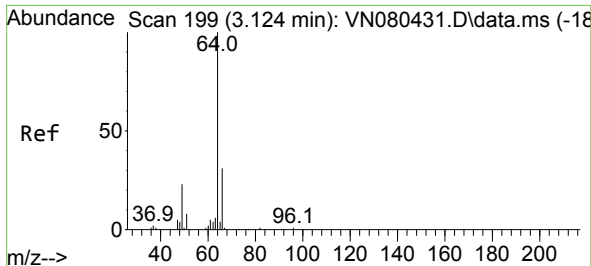
Tgt Ion:168 Resp: 217513
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#3
Chloromethane
Concen: 0.632 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Tgt Ion: 50 Resp: 2997
Ion Ratio Lower Upper
50 100
52 24.1 26.5 39.7#

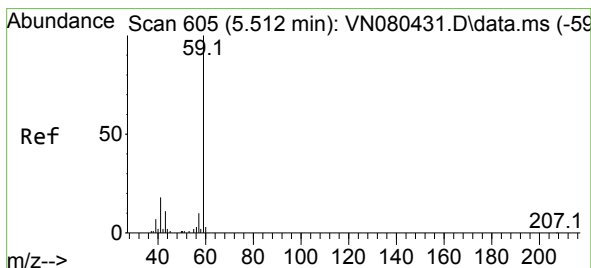
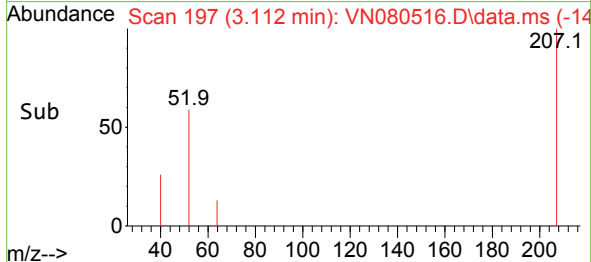
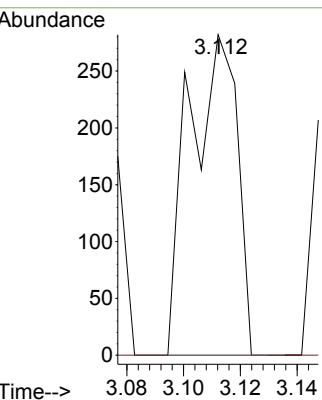
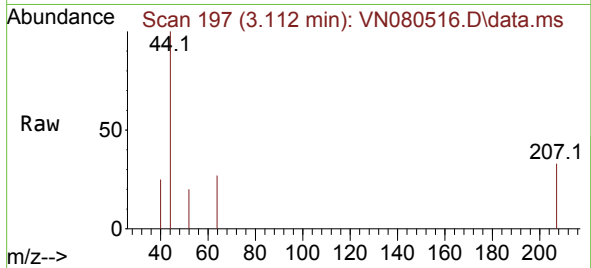




#6
Chloroethane
Concen: 0.216 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

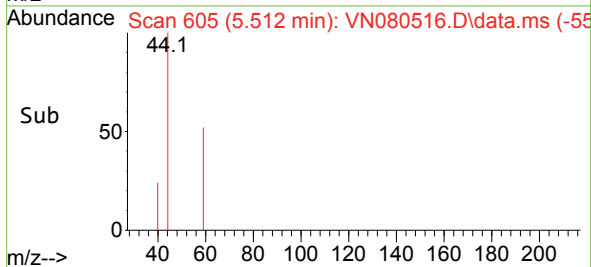
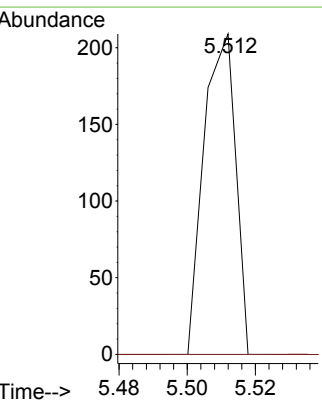
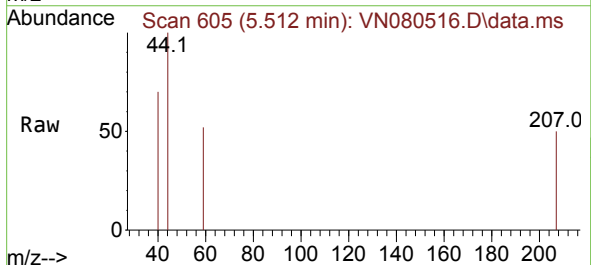
Instrument :
MSVOA_N
ClientSampleId :

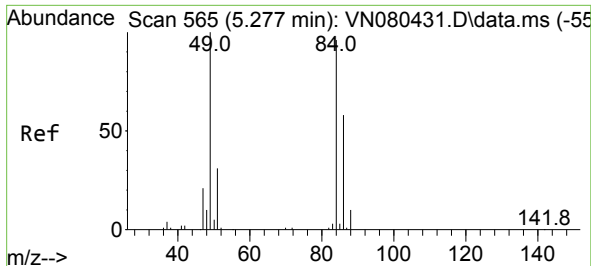
Tgt Ion: 64 Resp: 329
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.413 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

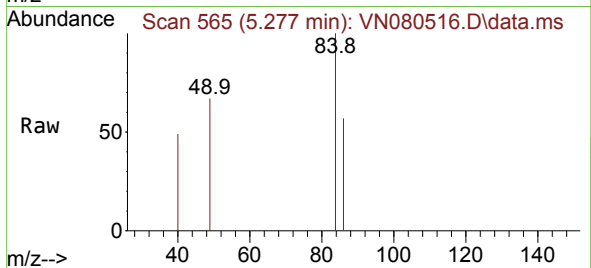
Tgt Ion: 59 Resp: 135
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



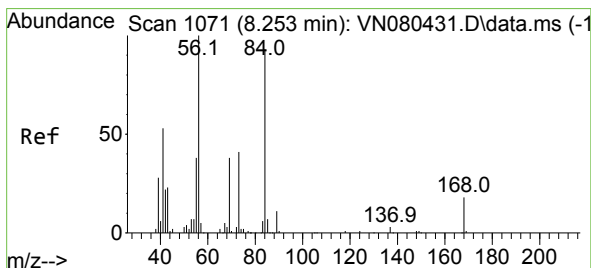
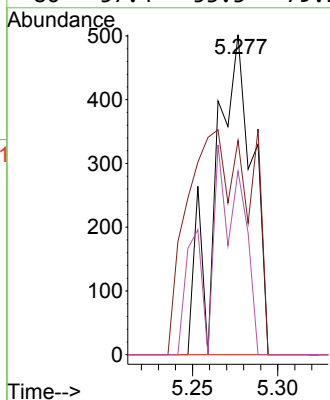
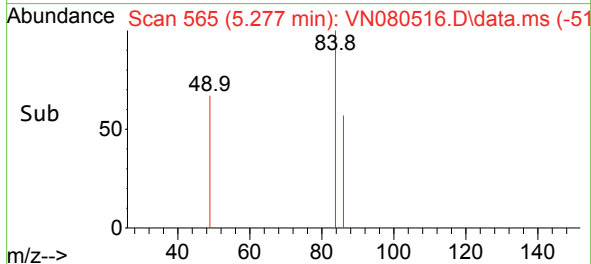


#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 5.277 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :

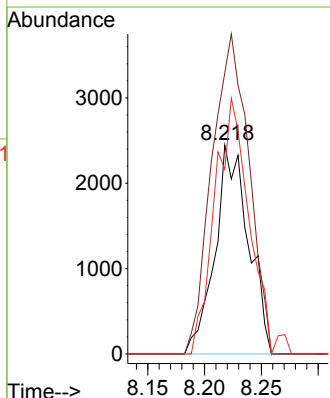
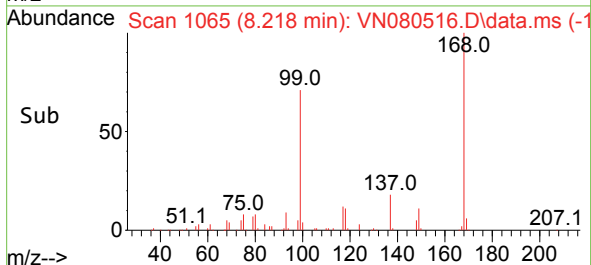
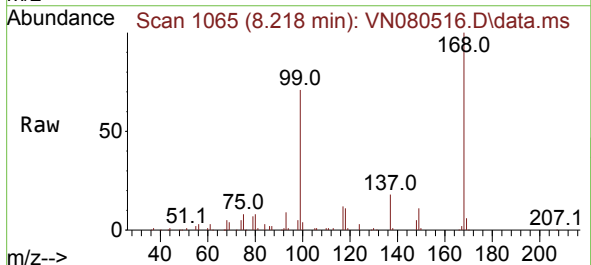


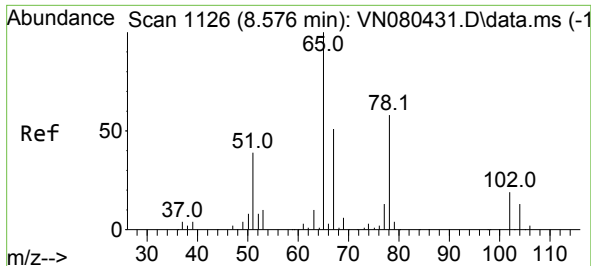
Tgt Ion:	84	Resp:	756
Ion	Ratio	Lower	Upper
84	100		
49	66.9	79.7	119.5#
51	0.0	25.2	37.8#
86	57.4	53.3	79.9



#31
Cyclohexane
Concen: 1.327 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Tgt Ion:	56	Resp:	5013
Ion	Ratio	Lower	Upper
56	100		
69	134.5	26.8	40.2#
84	88.4	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 57.259 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080516.D

Acq: 19 Dec 2023 13:35

Instrument :

MSVOA_N

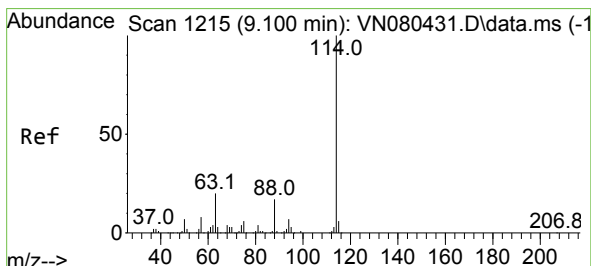
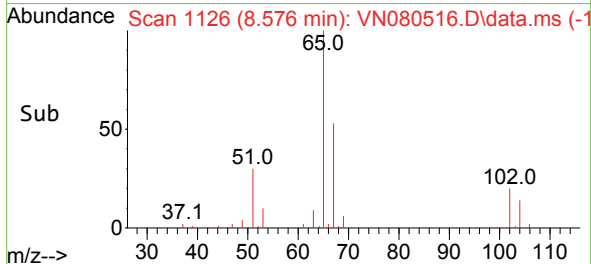
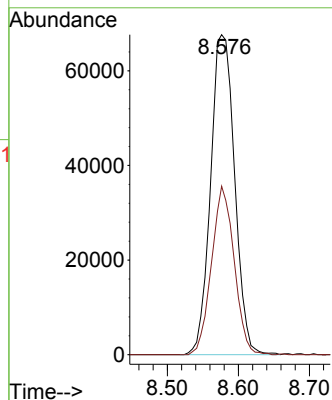
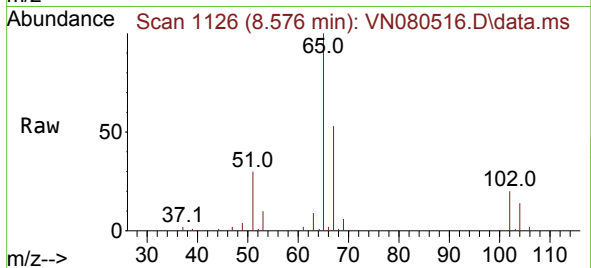
ClientSampleId :

Tgt Ion: 65 Resp: 159073

Ion Ratio Lower Upper

65 100

67 49.5 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: VN080516.D

Acq: 19 Dec 2023 13:35

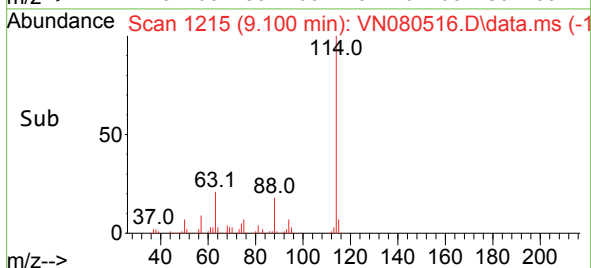
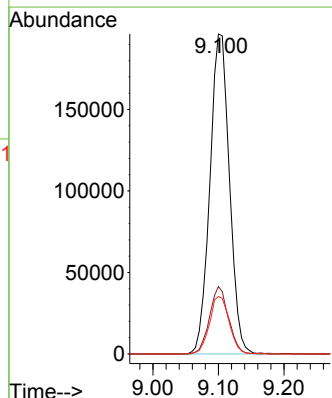
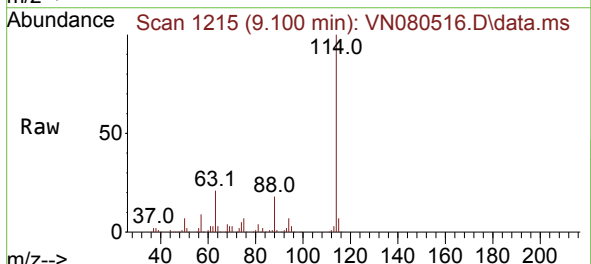
Tgt Ion: 114 Resp: 406556

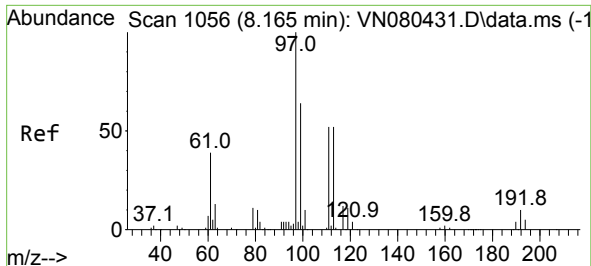
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

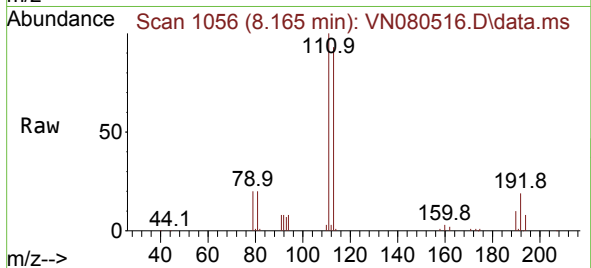
88 18.0 0.0 30.6



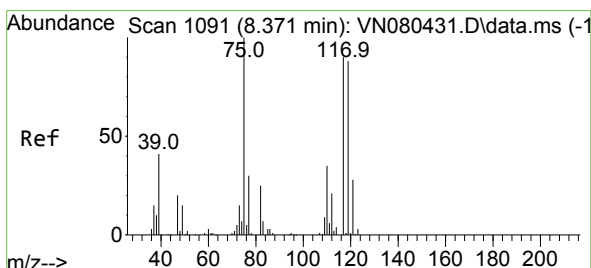
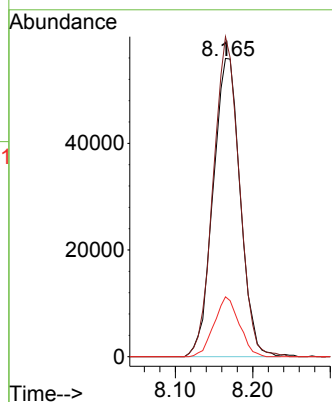
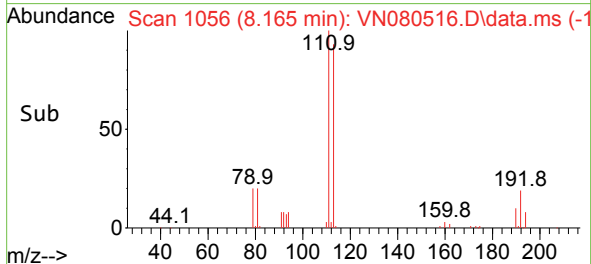


#35
Dibromofluoromethane
Concen: 52.768 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :

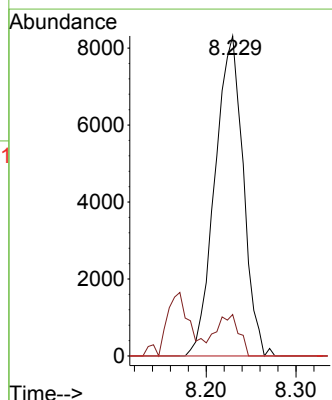
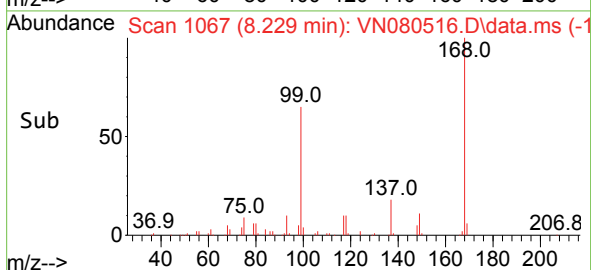
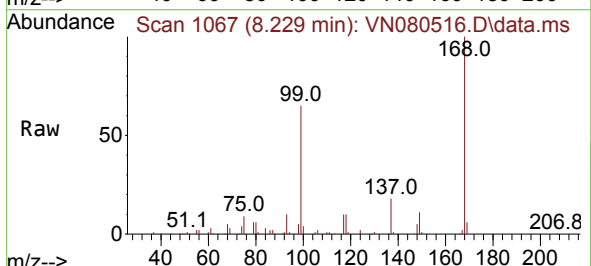


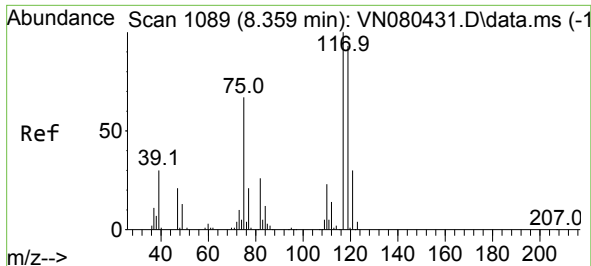
Tgt Ion:113 Resp: 136021
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.309 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

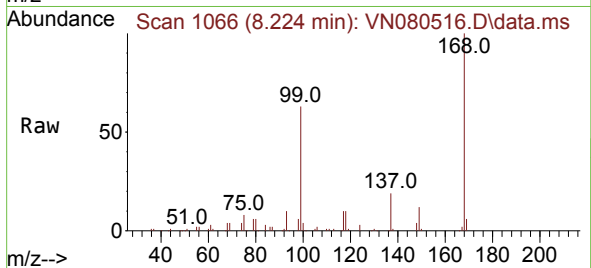
Tgt Ion: 75 Resp: 18162
Ion Ratio Lower Upper
75 100
110 10.4 19.1 57.3#
77 0.0 25.0 37.4#



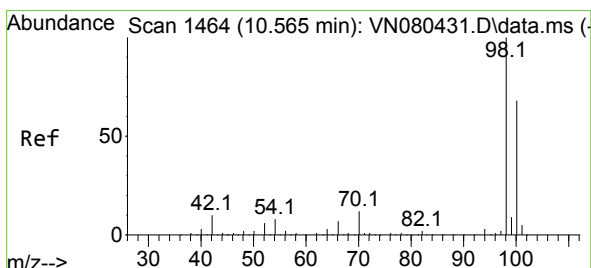
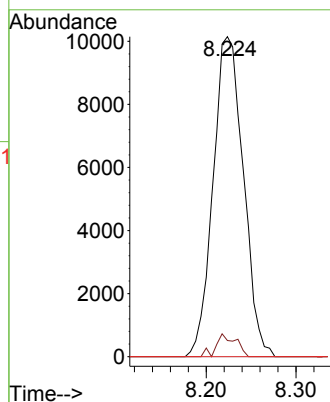
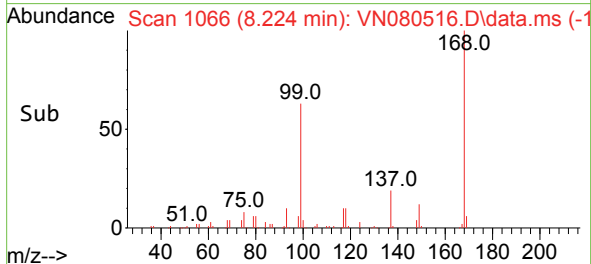


#38
Carbon Tetrachloride
Concen: 4.719 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :

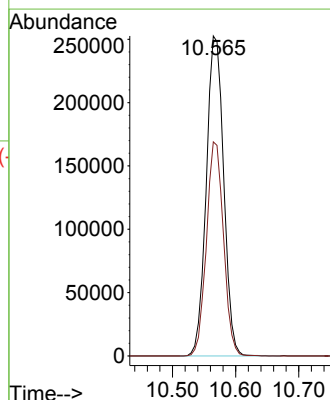
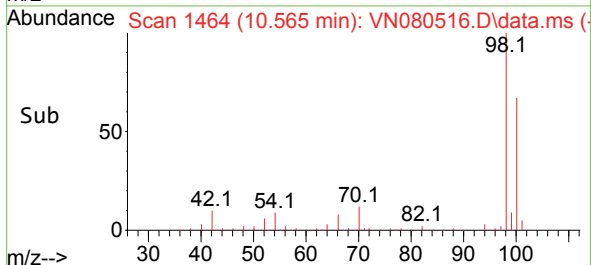
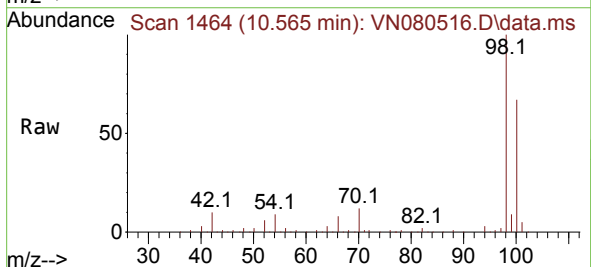


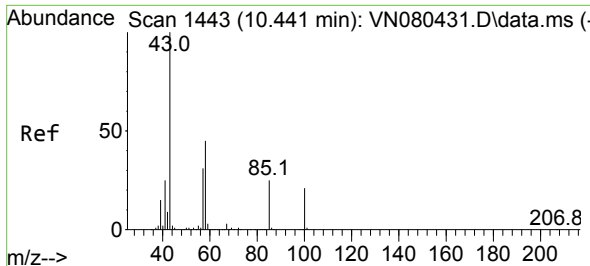
Tgt Ion:117 Resp: 23767
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 50.276 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Tgt Ion: 98 Resp: 483333
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

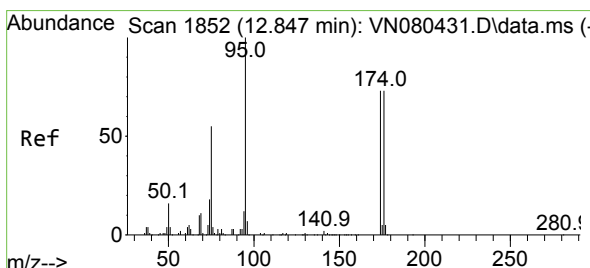
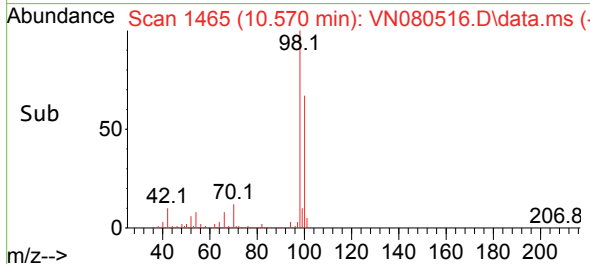
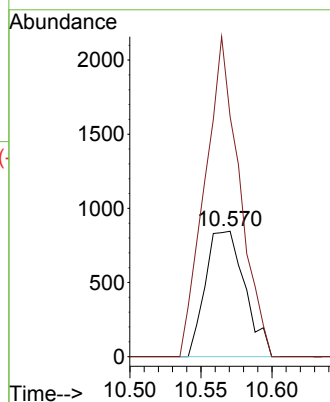
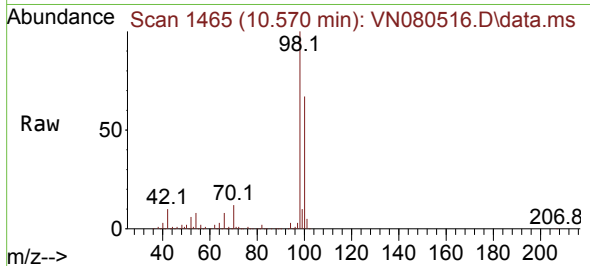




#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 10.570 min Scan# 1443
Delta R.T. 0.129 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

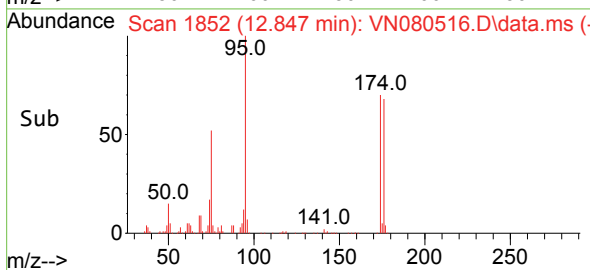
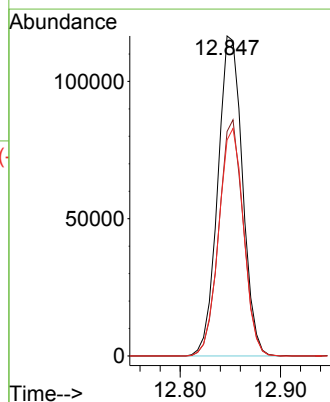
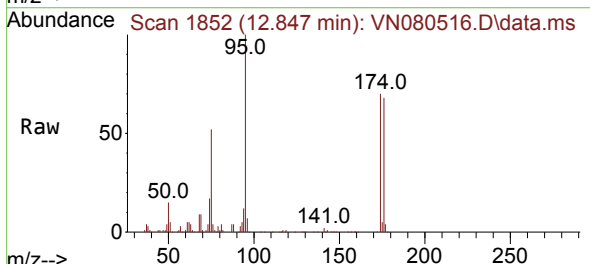
Instrument :
MSVOA_N
ClientSampleId :

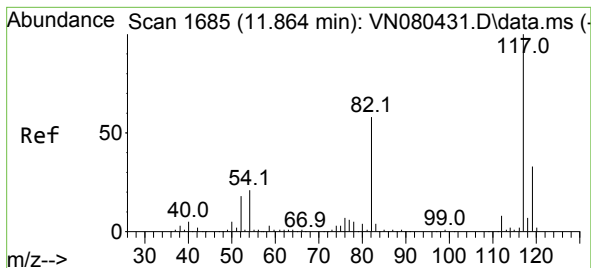
Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 223.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 54.432 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Tgt Ion: 95 Resp: 198706
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 71.7 0.0 135.8

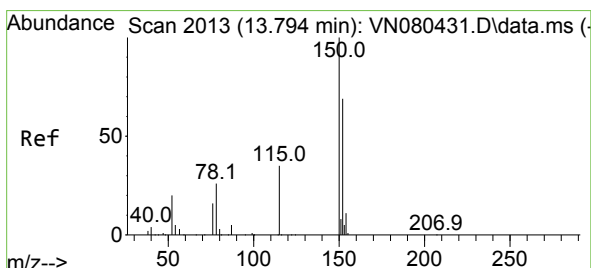
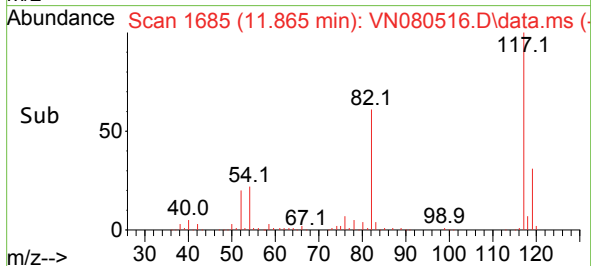
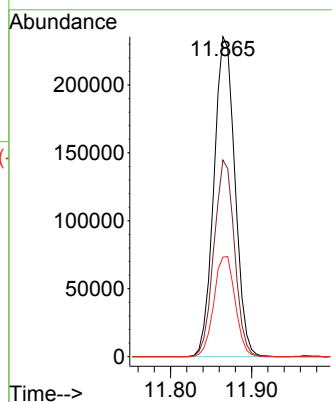
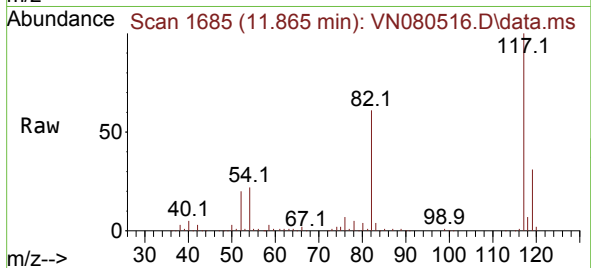




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

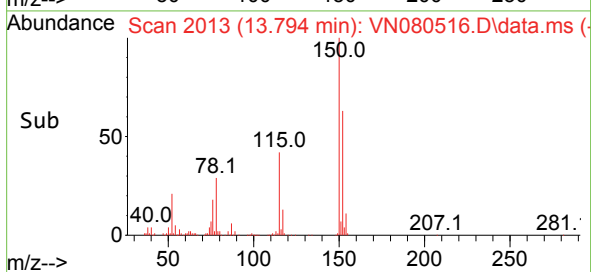
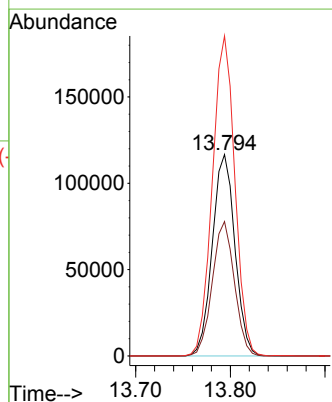
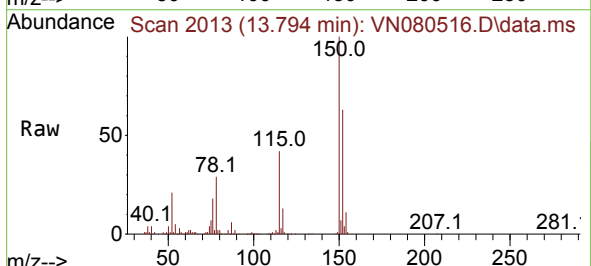
Instrument :
MSVOA_N
ClientSampleId :

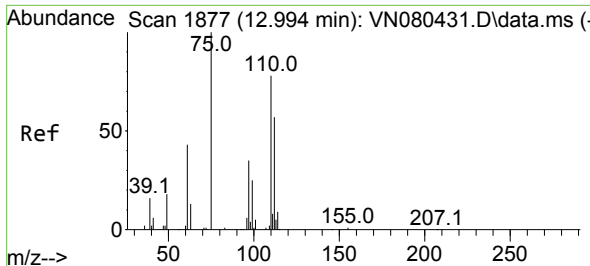
Tgt Ion:117 Resp: 423540
Ion Ratio Lower Upper
117 100
82 61.5 44.0 66.0
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Tgt Ion:152 Resp: 193584
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 157.7 0.0 355.8

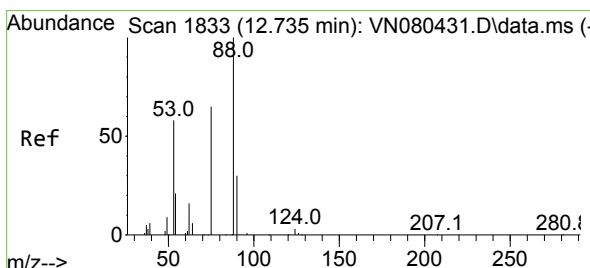
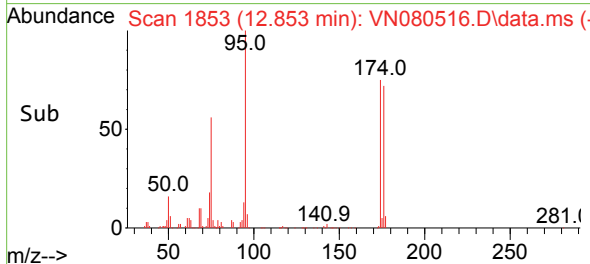
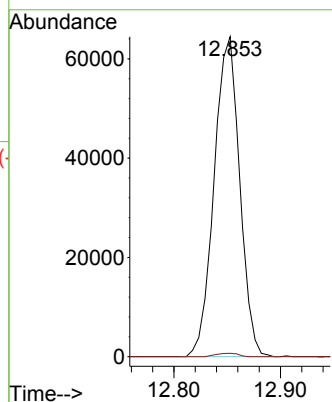
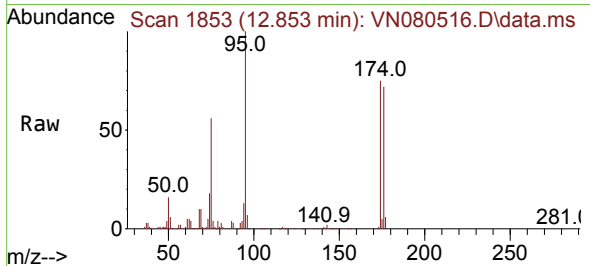




#76
1,2,3-Trichloropropane
Concen: 27.784 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 107299
Ion Ratio Lower Upper
75 100
77 0.9 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.949 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080516.D
Acq: 19 Dec 2023 13:35

Tgt Ion: 75 Resp: 107299
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

