

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080321.D
 Acq On : 01 Dec 2023 15:12
 Operator : JC\MD
 Sample : 05607-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 01 22:34:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

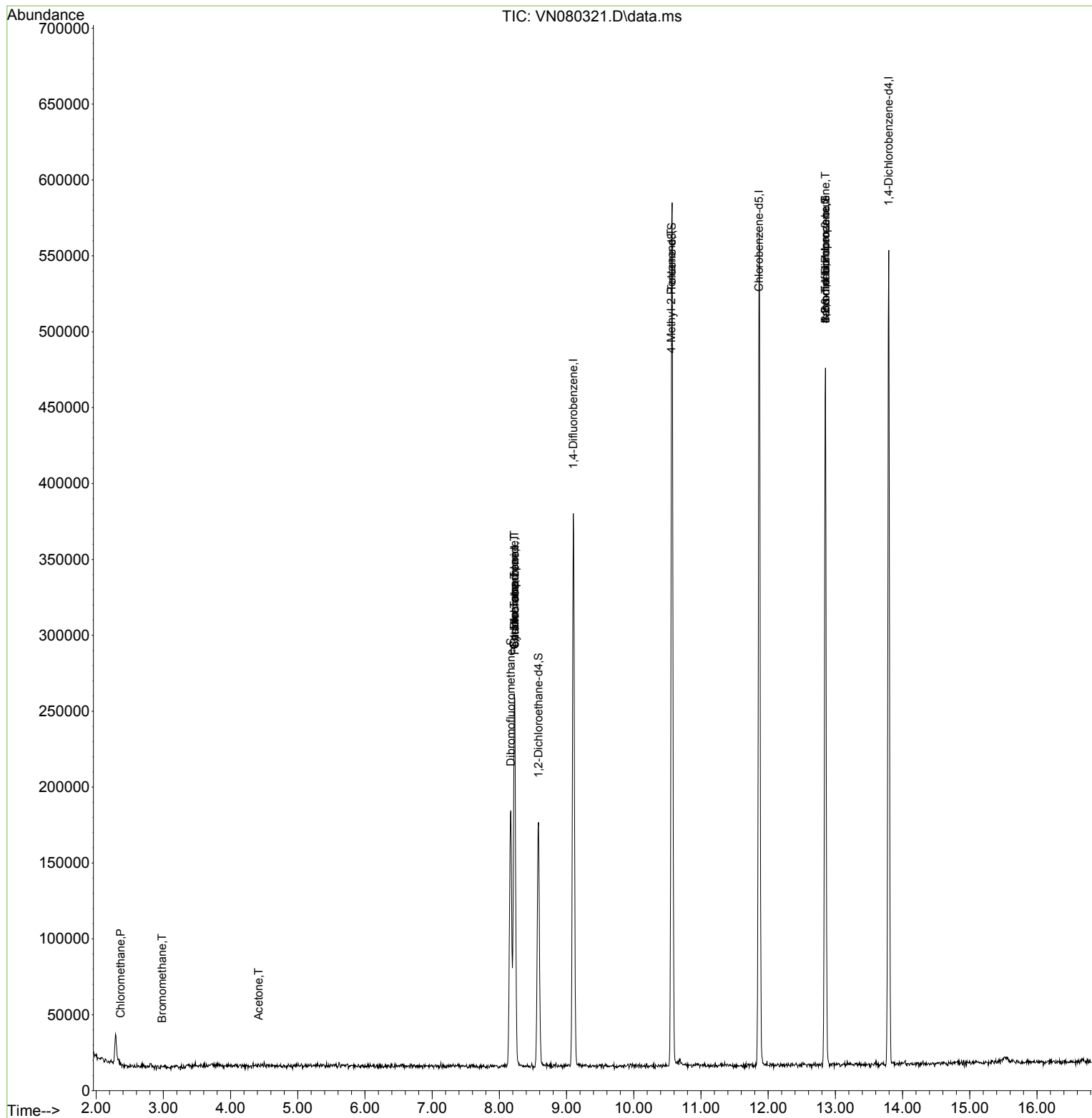
Internal Standards						
1) Pentafluorobenzene	8.230	168	171124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149364	52.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.720%	
35) Dibromofluoromethane	8.171	113	118371	51.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.660%	
50) Toluene-d8	10.565	98	404711	49.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.853	95	154798	49.777	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	577	0.301	ug/l #	42
5) Bromomethane	2.983	94	405	0.294	ug/l	91
6) Chloroethane	3.124	64	486	Below Cal	#	43
16) Acetone	4.418	43	260	0.274	ug/l #	40
31) Cyclohexane	8.224	56	3540	1.152	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	14205	4.296	ug/l #	47
38) Carbon Tetrachloride	8.224	117	20033	4.774	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	1639	0.709	ug/l #	1
71) Bromoform	12.853	173	1157	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	88733	25.067	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	88733	84.690	ug/l #	15

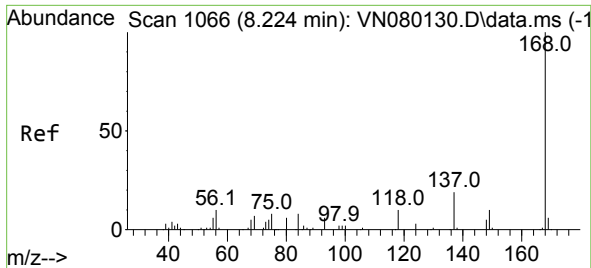
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 01 22:34:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

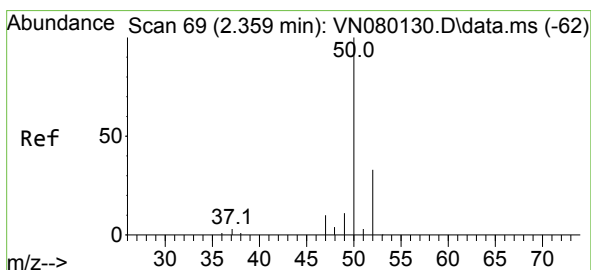
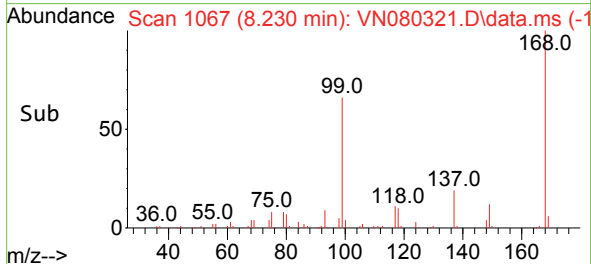
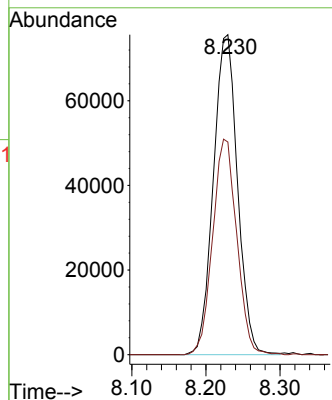
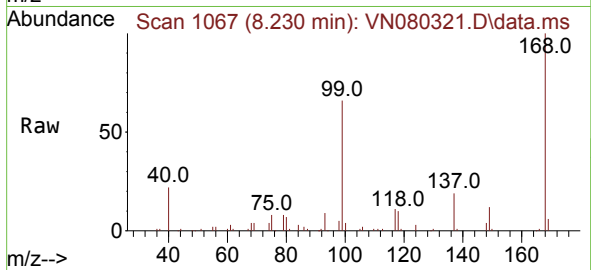




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

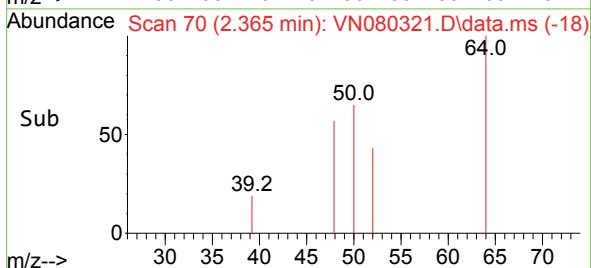
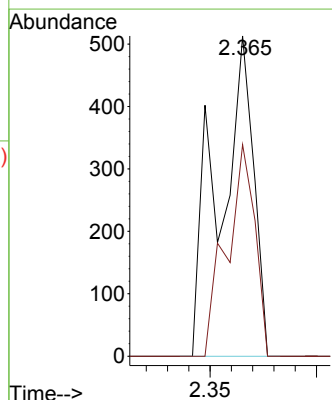
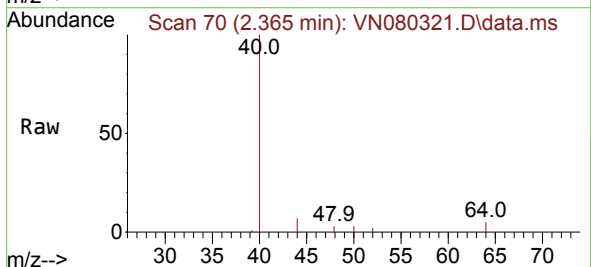
Instrument :
MSVOA_N
ClientSampleId :

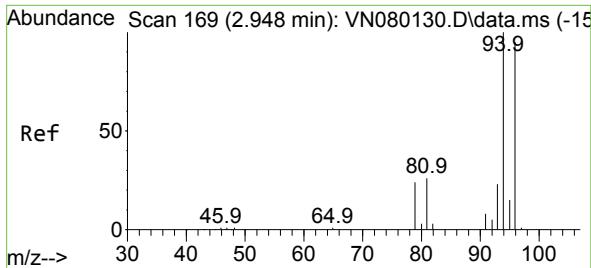
Tgt Ion:168 Resp: 171124
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#3
Chloromethane
Concen: 0.301 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 66.1 26.5 39.7#

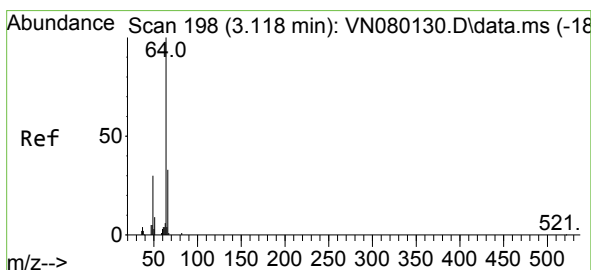
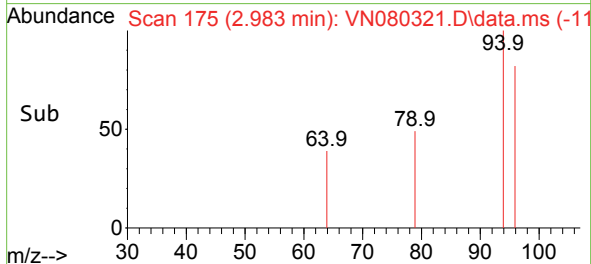
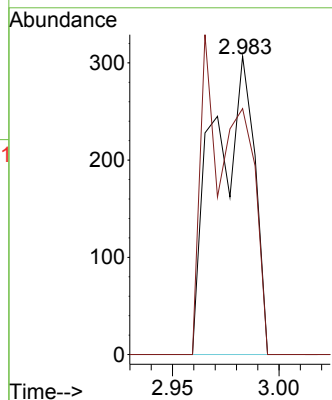
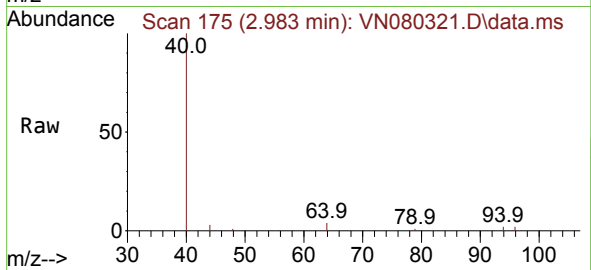




#5
Bromomethane
Concen: 0.294 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

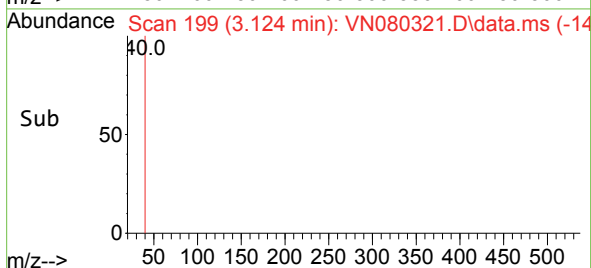
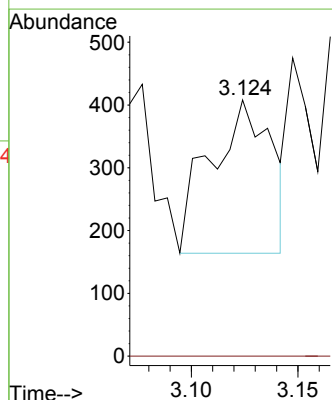
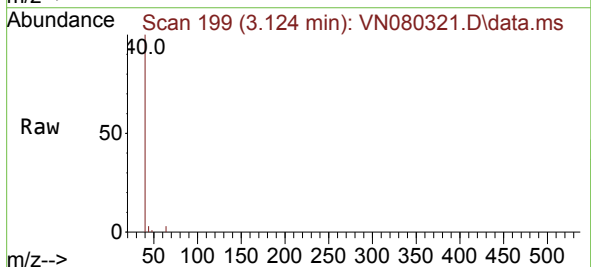
Instrument :
MSVOA_N
ClientSampleId :

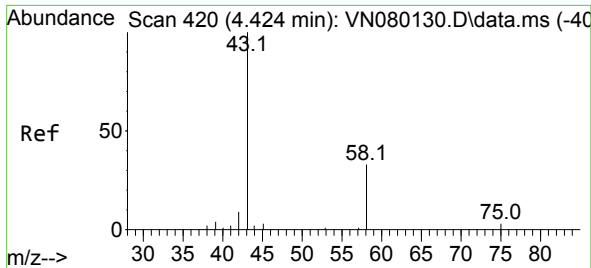
Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 82.4 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Tgt Ion: 64 Resp: 486
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

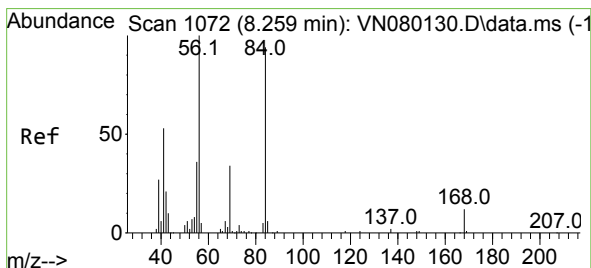
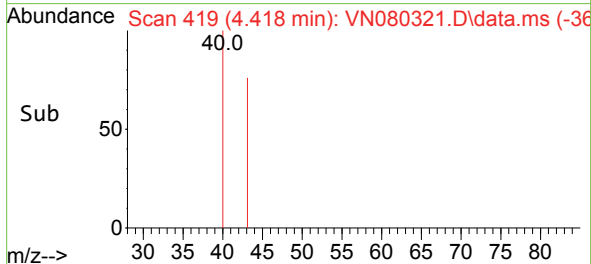
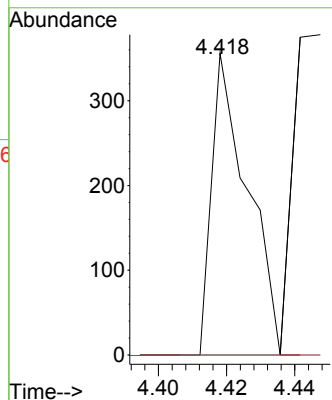
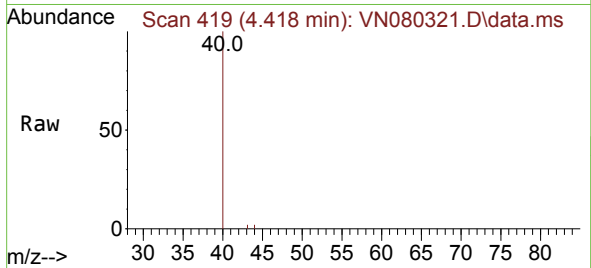




#16
Acetone
Concen: 0.274 ug/l
RT: 4.418 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

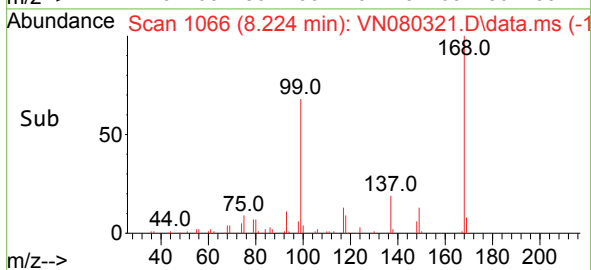
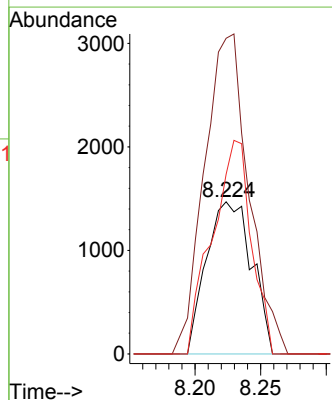
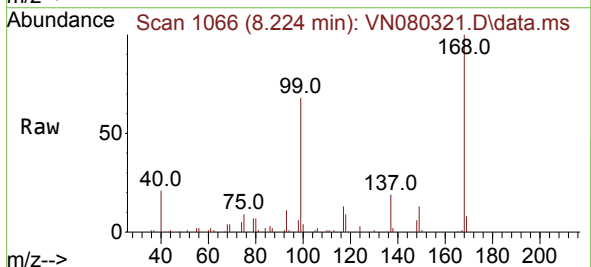
Instrument :
MSVOA_N
ClientSampleId :

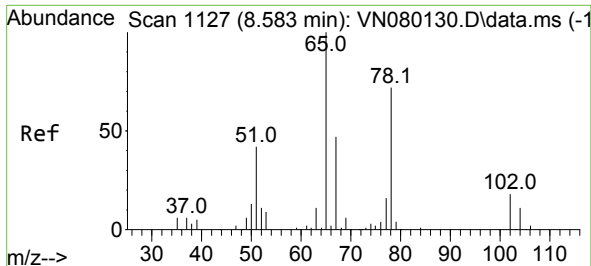
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Tgt Ion: 56 Resp: 3540
Ion Ratio Lower Upper
56 100
69 195.8 26.8 40.2#
84 118.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 52.862 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080321.D

Acq: 01 Dec 2023 15:12

Instrument :

MSVOA_N

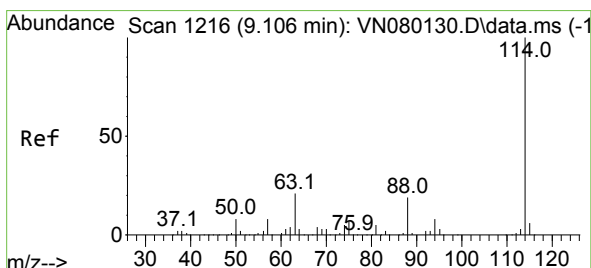
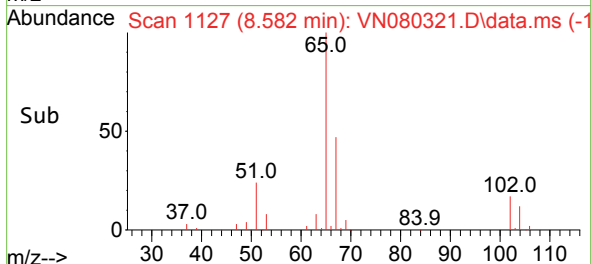
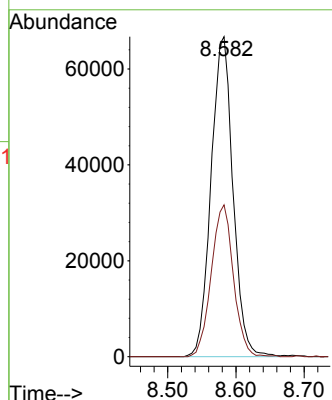
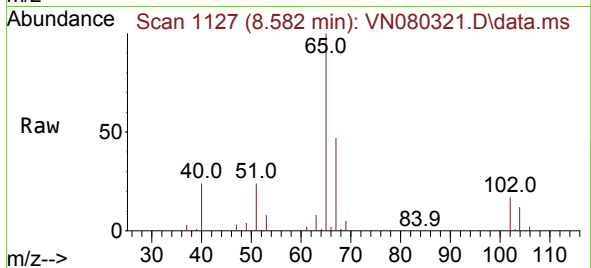
ClientSampleId :

Tgt Ion: 65 Resp: 149364

Ion Ratio Lower Upper

65 100

67 47.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080321.D

Acq: 01 Dec 2023 15:12

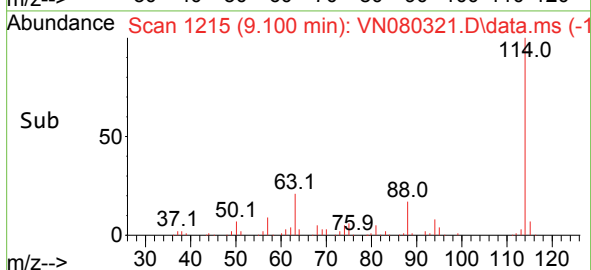
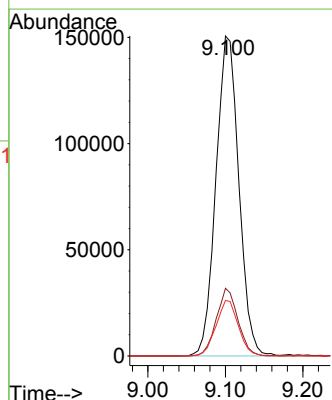
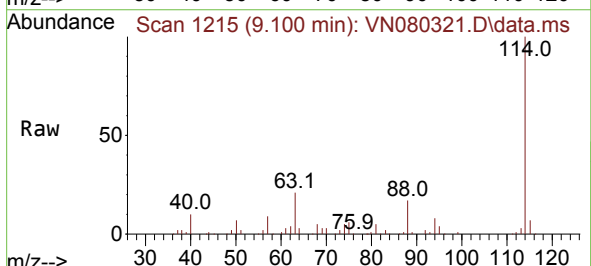
Tgt Ion: 114 Resp: 309537

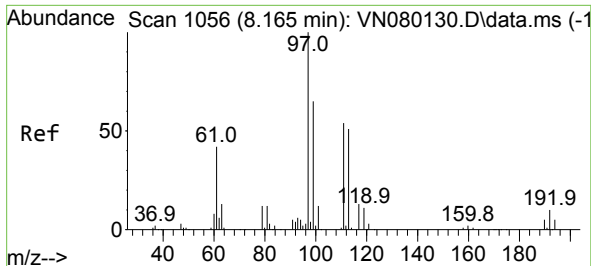
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

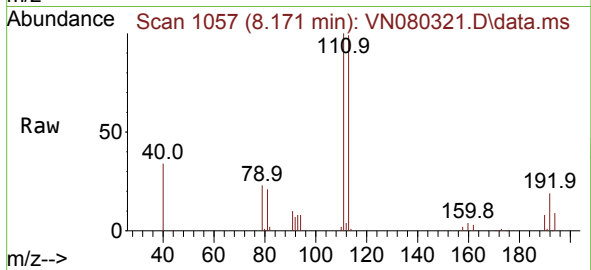
88 17.3 0.0 30.6



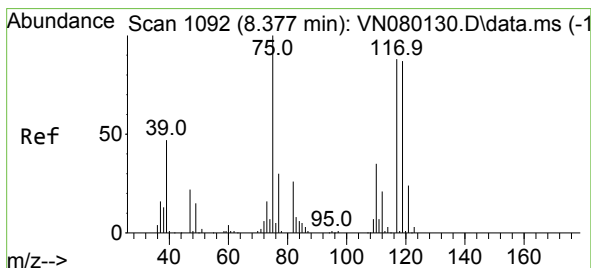
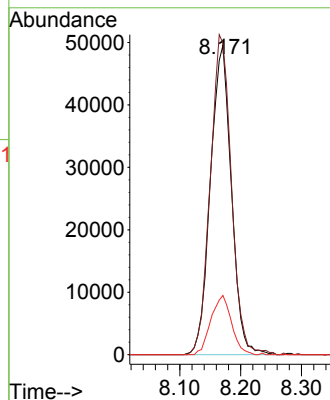
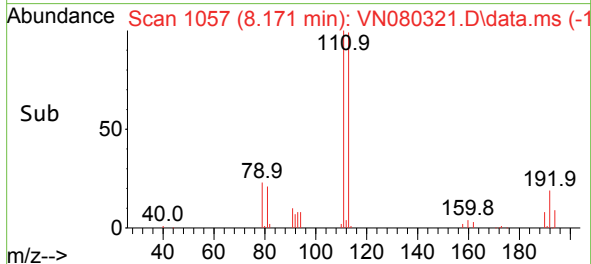


#35
Dibromofluoromethane
Concen: 51.827 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :

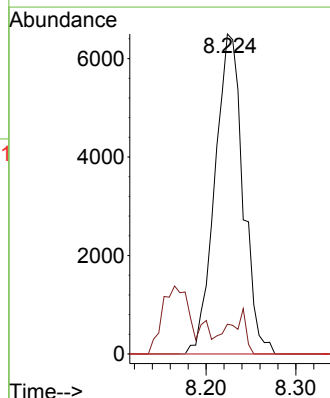
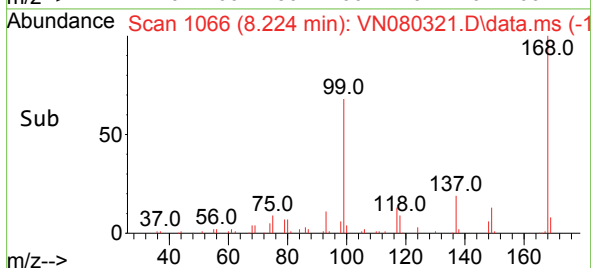
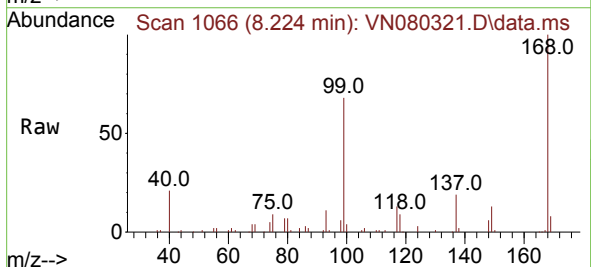


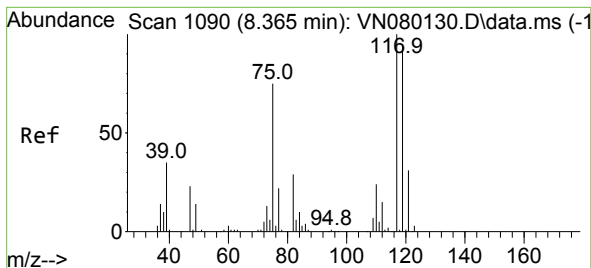
Tgt Ion:113 Resp: 118371
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 18.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.296 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Tgt Ion: 75 Resp: 14205
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.774 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

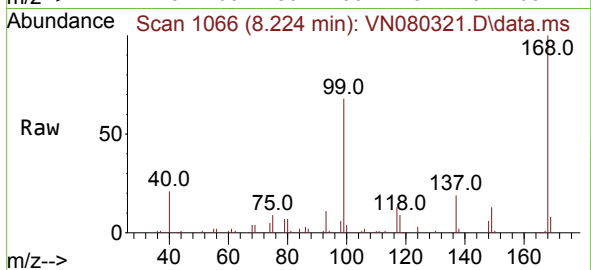
Lab File: VN080321.D

Acq: 01 Dec 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :



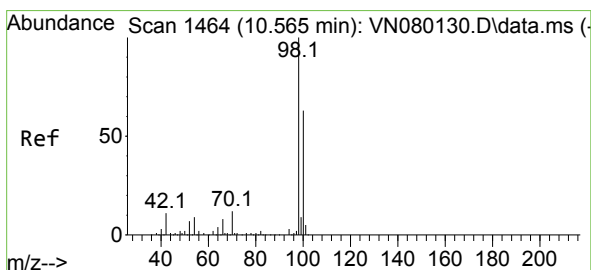
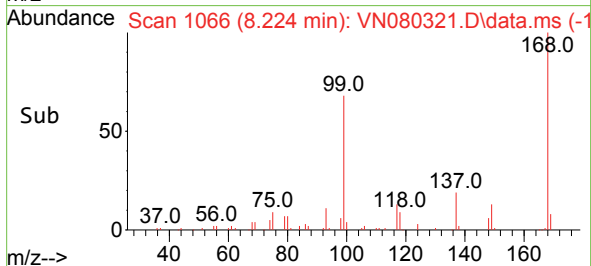
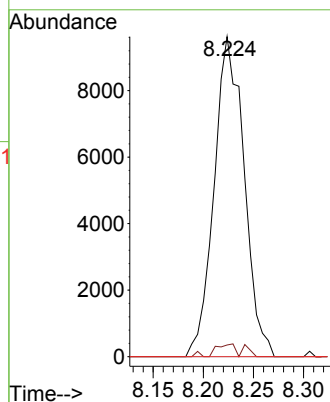
Tgt Ion:117 Resp: 20033

Ion Ratio Lower Upper

117 100

119 3.7 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.156 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080321.D

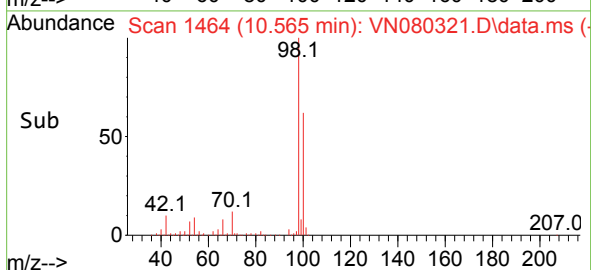
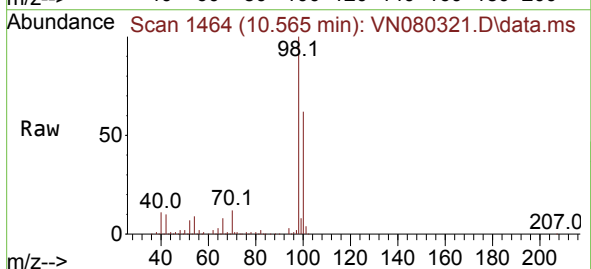
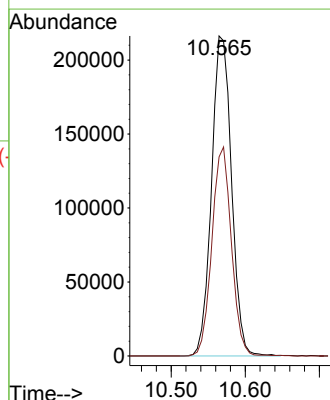
Acq: 01 Dec 2023 15:12

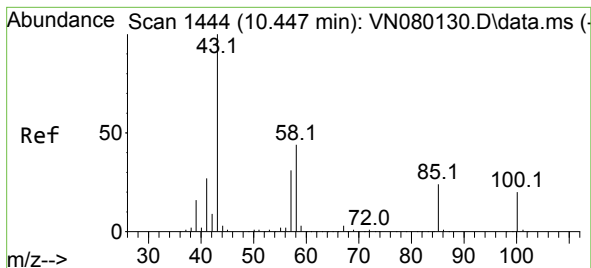
Tgt Ion: 98 Resp: 404711

Ion Ratio Lower Upper

98 100

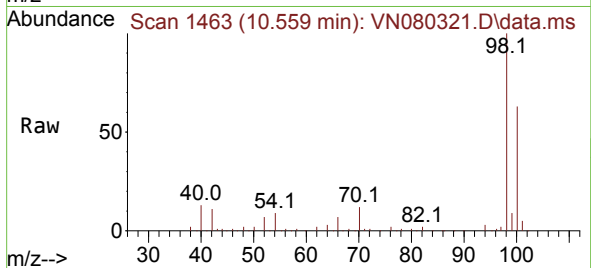
100 63.6 52.0 78.0



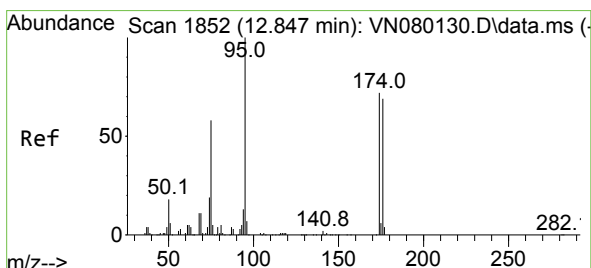
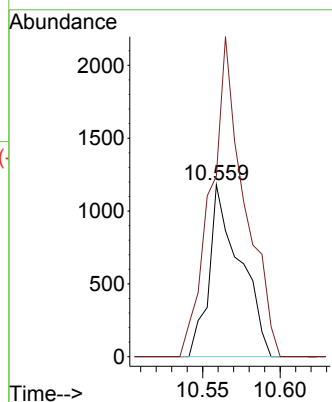
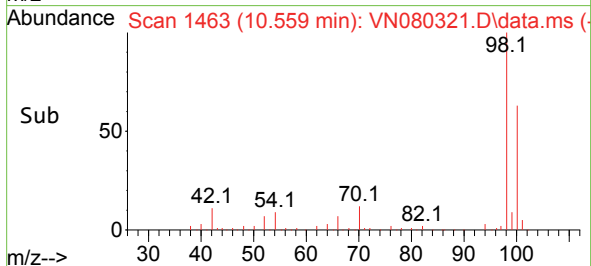


#51
4-Methyl-2-Pentanone
Concen: 0.709 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Instrument :
MSVOA_N
ClientSampleId :

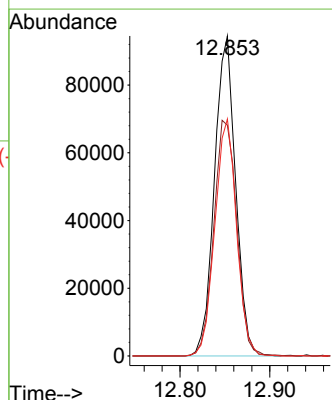
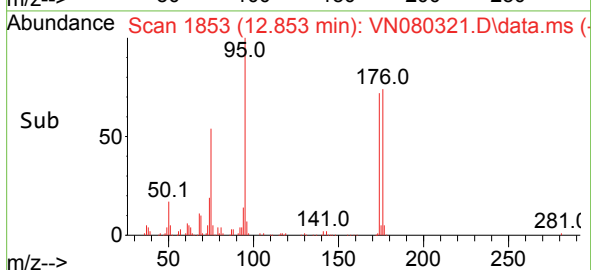
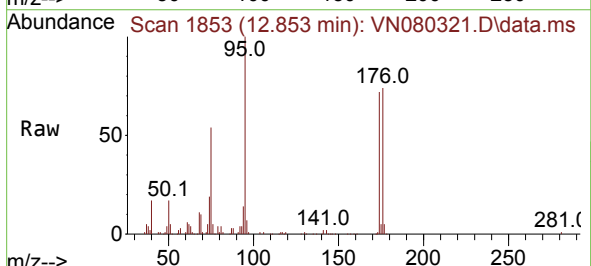


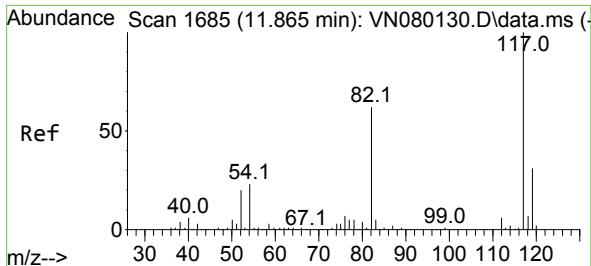
Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
58 202.9 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 49.777 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Tgt Ion: 95 Resp: 154798
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 75.8 0.0 135.8

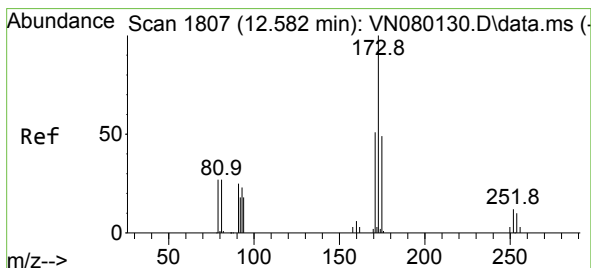
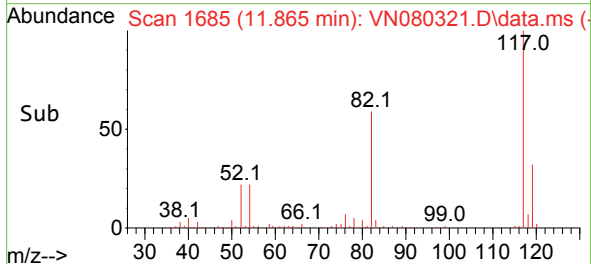
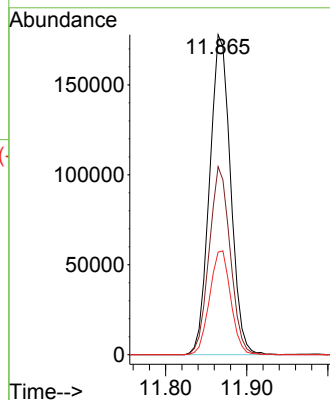
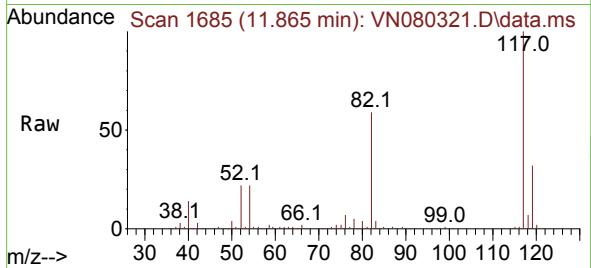




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

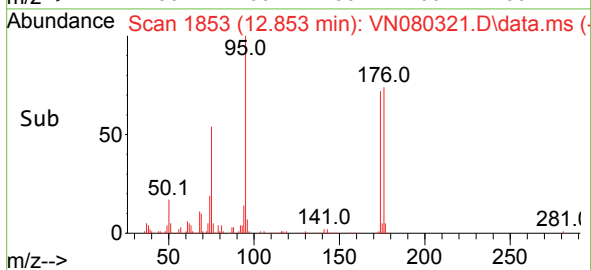
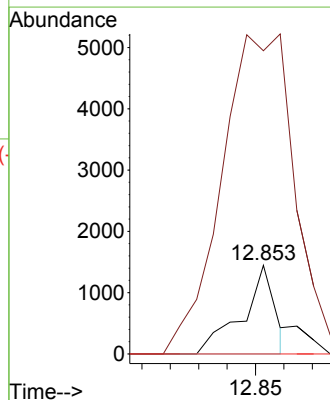
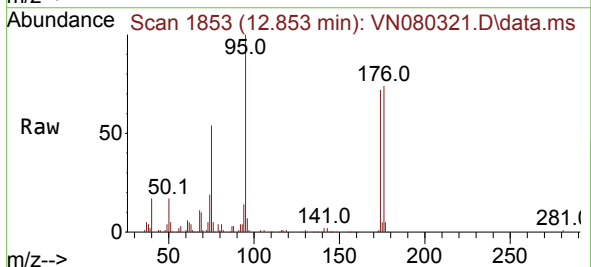
Instrument :
MSVOA_N
ClientSampleId :

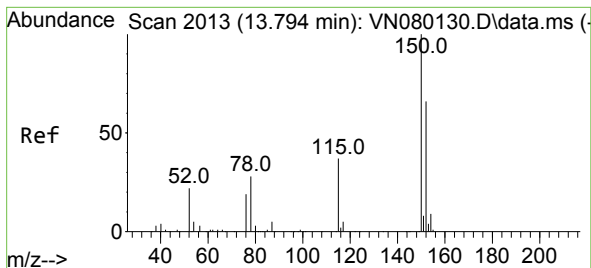
Tgt Ion:117 Resp: 319008
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.556 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.270 min
Lab File: VN080321.D
Acq: 01 Dec 2023 15:12

Tgt Ion:173 Resp: 1157
Ion Ratio Lower Upper
173 100
175 528.4 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# 20

Delta R.T. -0.000 min

Lab File: VN080321.D

Acq: 01 Dec 2023 15:12

Instrument :

MSVOA_N

ClientSampleId :

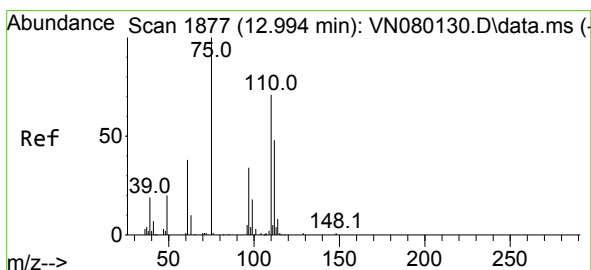
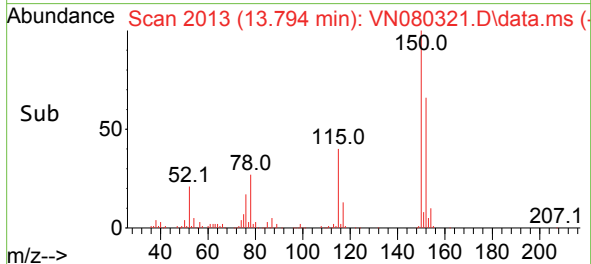
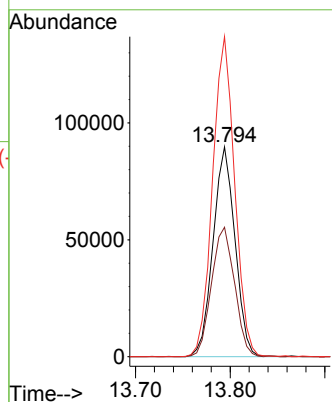
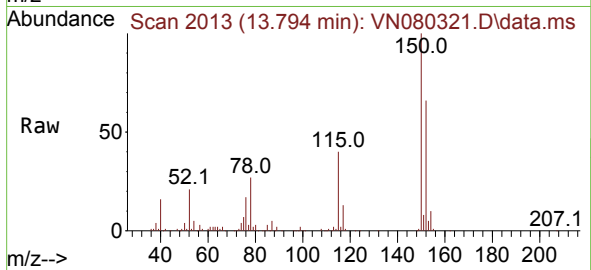
Tgt Ion:152 Resp: 144474

Ion Ratio Lower Upper

152 100

115 64.6 32.3 96.8

150 153.1 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.067 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080321.D

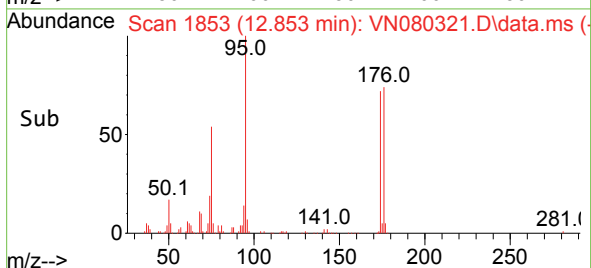
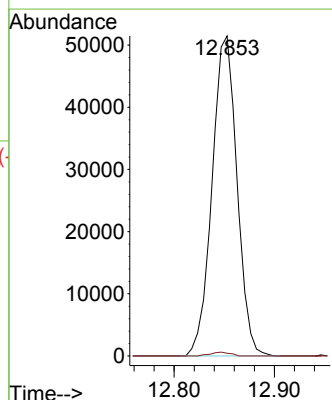
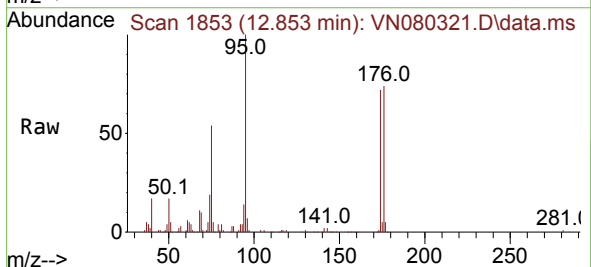
Acq: 01 Dec 2023 15:12

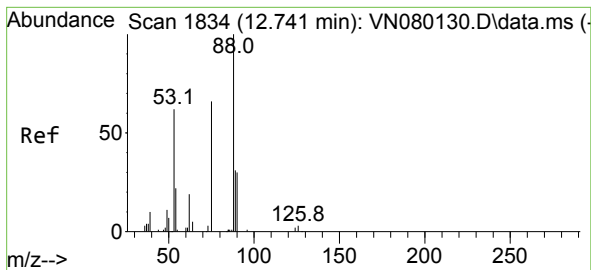
Tgt Ion: 75 Resp: 88733

Ion Ratio Lower Upper

75 100

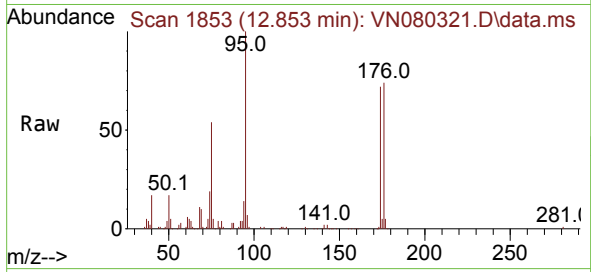
77 0.9 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.690 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080321.D
 Acq: 01 Dec 2023 15:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 88733
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.1 38.8 58.2#

