

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080399.D
 Acq On : 06 Dec 2023 20:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 01:07:16 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)

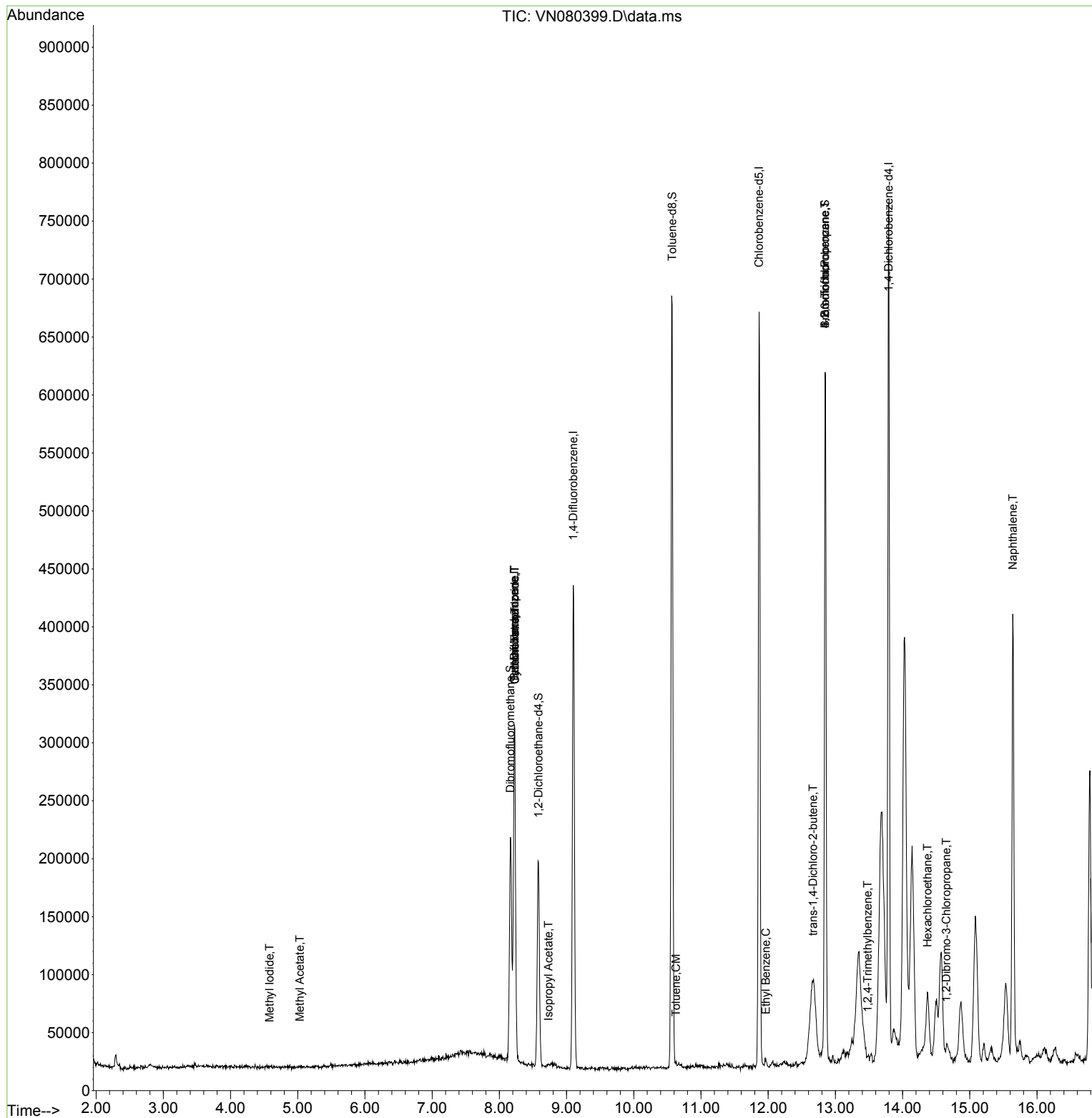
Internal Standards						
1) Pentafluorobenzene	8.224	168	206092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	161784	47.543	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.080%		
35) Dibromofluoromethane	8.165	113	136329	51.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.820%		
50) Toluene-d8	10.571	98	477783	49.977	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	12.847	95	209311	57.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.940%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.106	64	465	Below Cal	#	43
10) Methyl Iodide	4.583	142	789	0.313	ug/l #	34
18) Methyl Acetate	5.030	43	1175	0.320	ug/l #	60
31) Cyclohexane	8.230	56	4622	1.249	ug/l #	58
36) 1,1-Dichloropropene	8.224	75	17156	4.468	ug/l #	52
38) Carbon Tetrachloride	8.230	117	23402	4.803	ug/l #	17
43) Isopropyl Acetate	8.729	43	1413	0.273	ug/l #	49
52) Toluene	10.629	92	1514	0.222	ug/l	95
67) Ethyl Benzene	11.965	91	4482	0.293	ug/l #	79
71) Bromoform	12.847	173	806	0.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	113940	24.290	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.670	75	3687	2.656	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.482	105	2923	0.229	ug/l	74
90) Hexachloroethane	14.370	117	671	0.293	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.653	75	296	0.286	ug/l #	1
95) Naphthalene	15.641	128	355688	32.612	ug/l	98

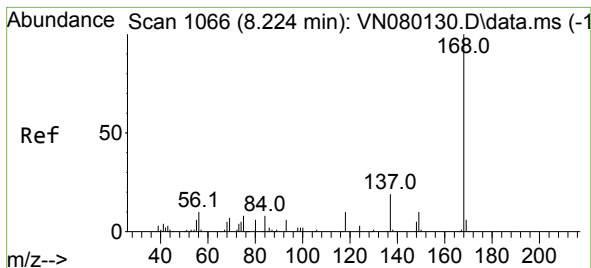
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 07 01:07:16 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: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

Instrument :

MSVOA_N

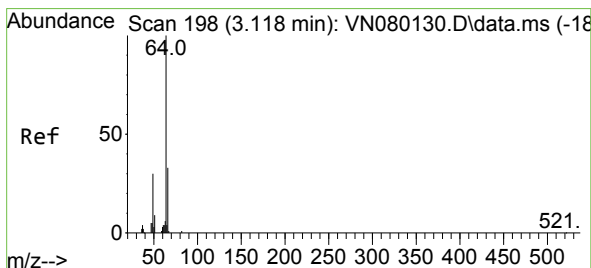
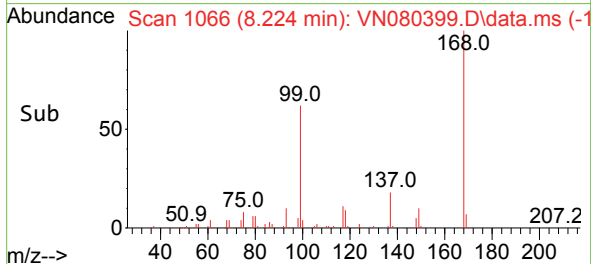
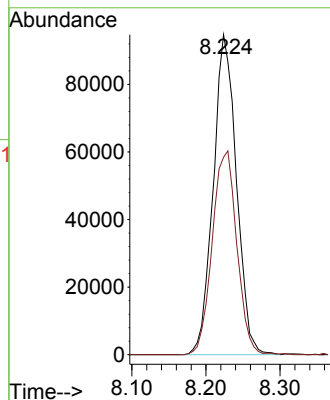
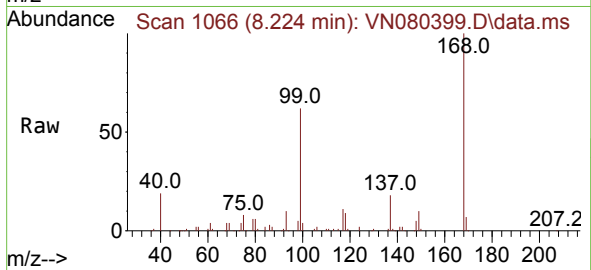
ClientSampleId :

Tgt Ion:168 Resp: 206092

Ion Ratio Lower Upper

168 100

99 61.7 53.0 79.6



#6

Chloroethane

Concen: Below Cal

RT: 3.106 min Scan# 196

Delta R.T. -0.012 min

Lab File: VN080399.D

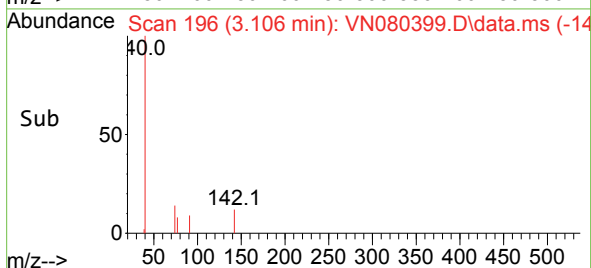
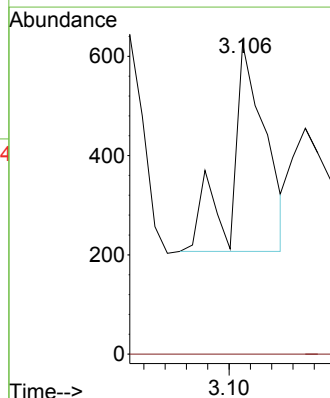
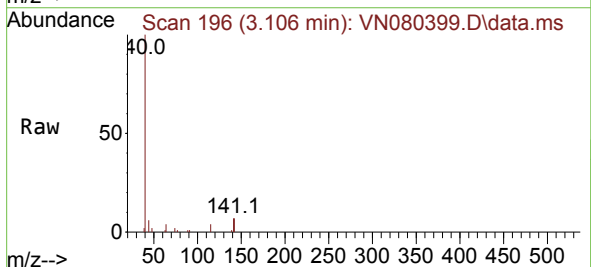
Acq: 06 Dec 2023 20:19

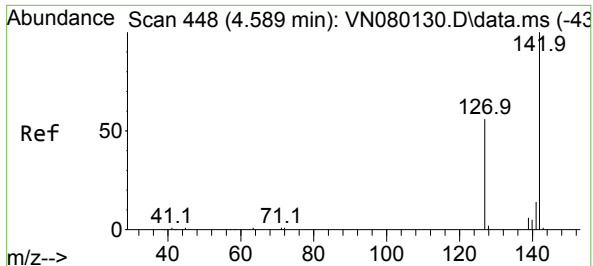
Tgt Ion: 64 Resp: 465

Ion Ratio Lower Upper

64 100

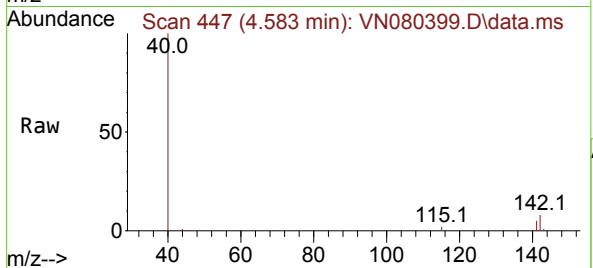
66 0.0 25.4 38.2#



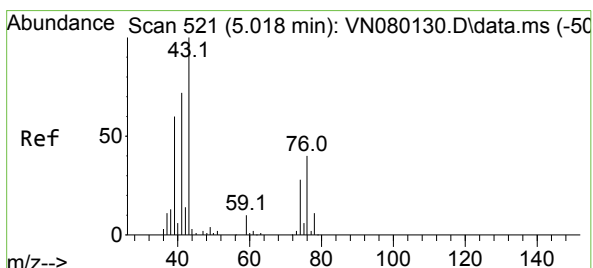
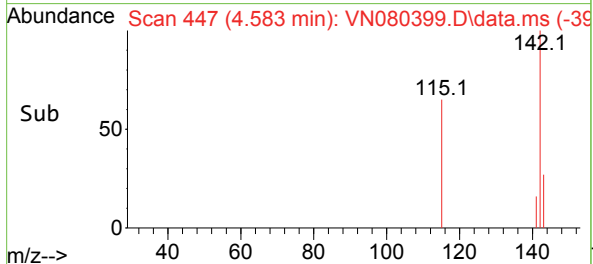
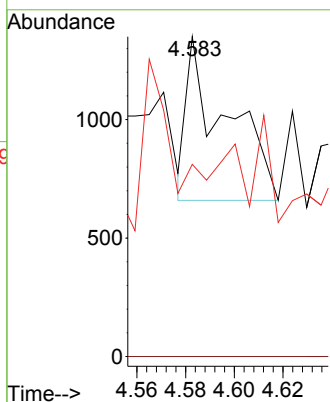


#10
Methyl Iodide
Concen: 0.313 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :

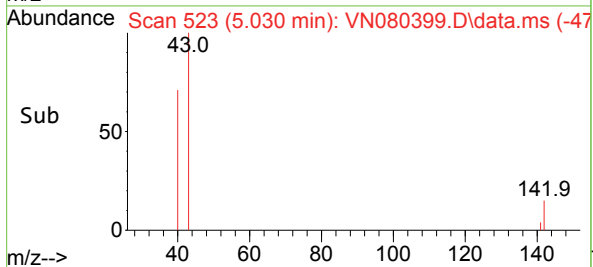
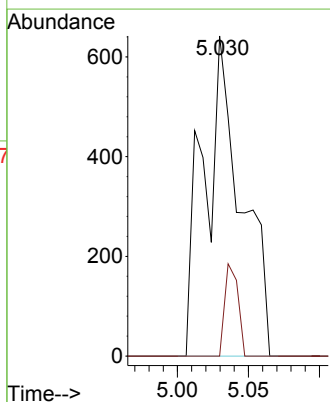
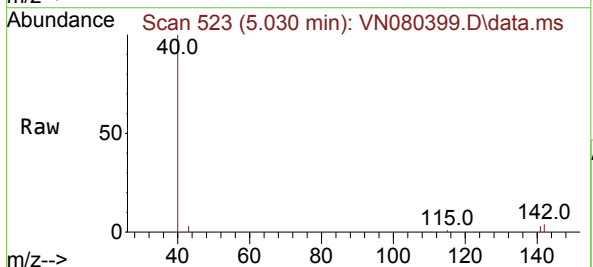


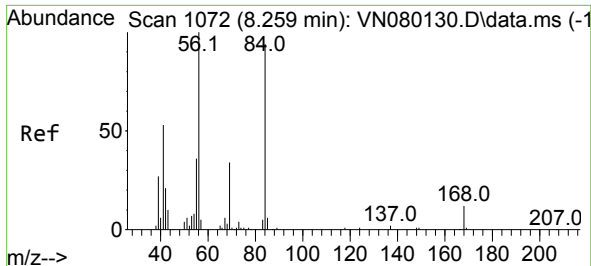
Tgt Ion:142 Resp: 789
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 35.5 11.4 17.0#



#18
Methyl Acetate
Concen: 0.320 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

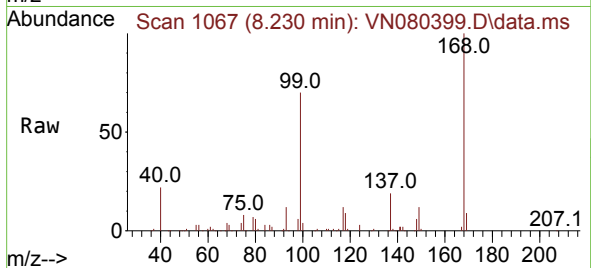
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
74 10.1 26.2 39.4#



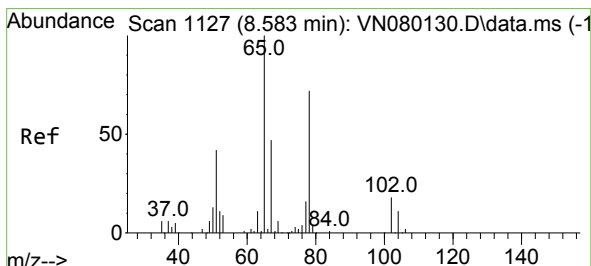
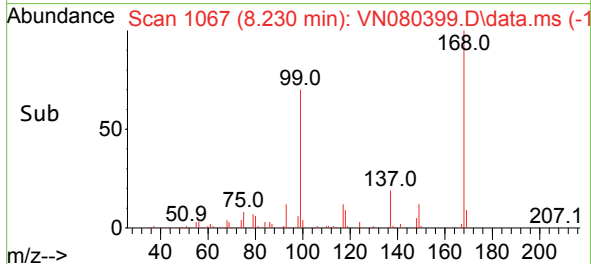
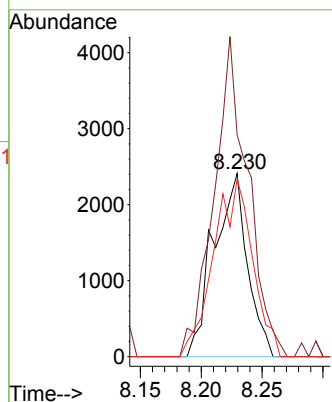


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :

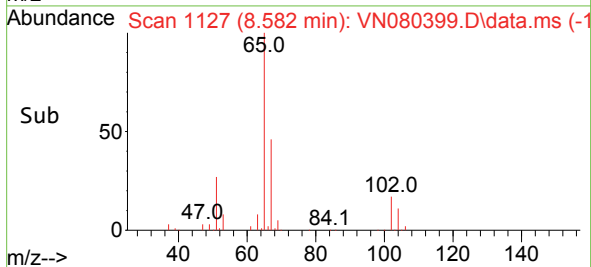
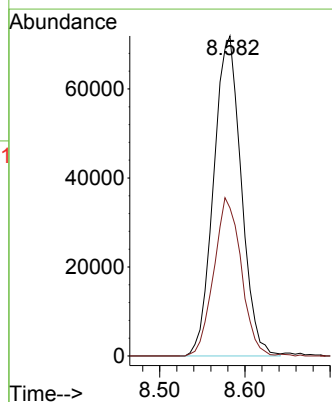
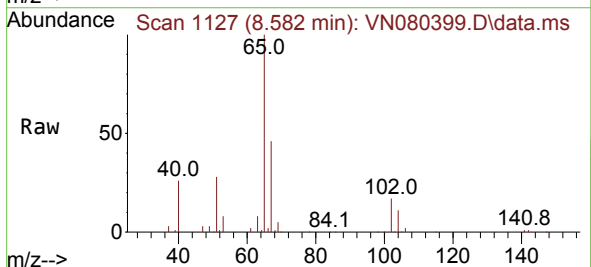


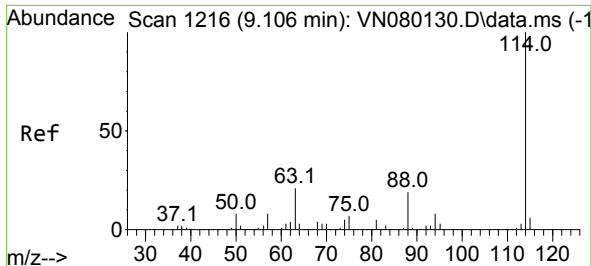
Tgt Ion: 56 Resp: 4622
Ion Ratio Lower Upper
56 100
69 121.0 26.8 40.2#
84 96.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 47.543 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Tgt Ion: 65 Resp: 161784
Ion Ratio Lower Upper
65 100
67 49.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

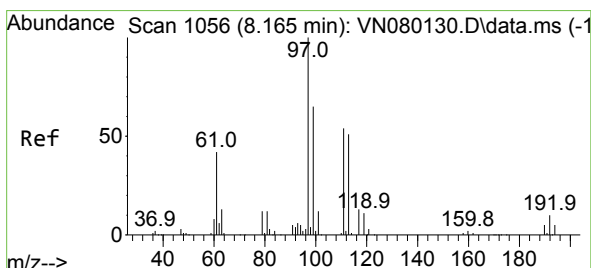
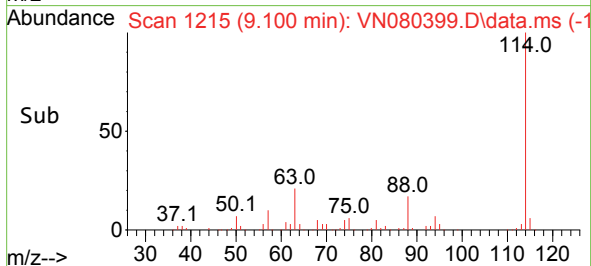
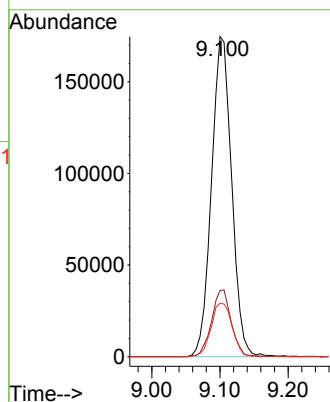
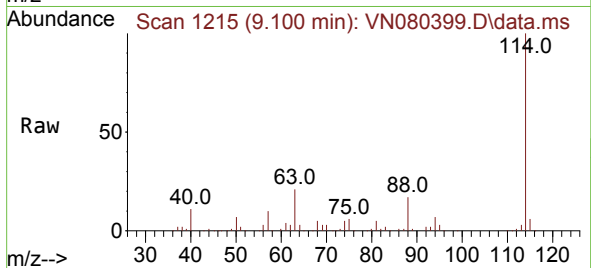
Tgt Ion:114 Resp: 359417

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.406 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

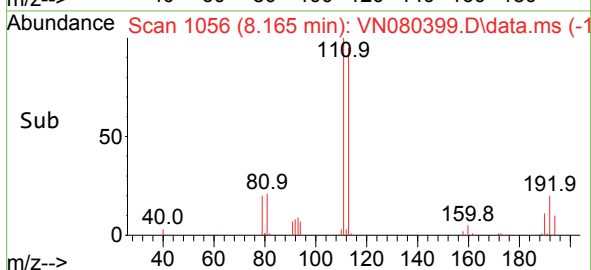
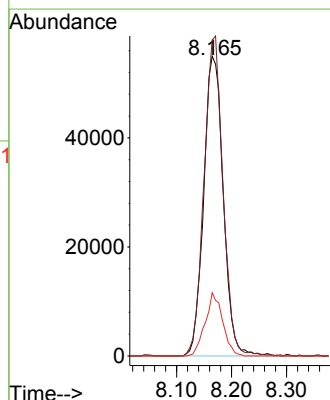
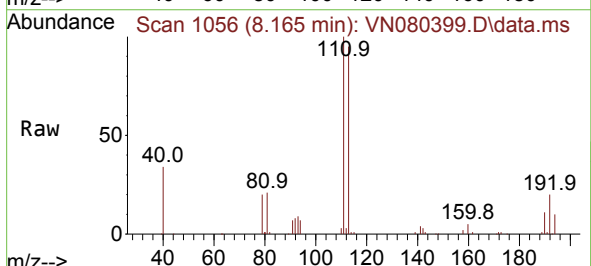
Tgt Ion:113 Resp: 136329

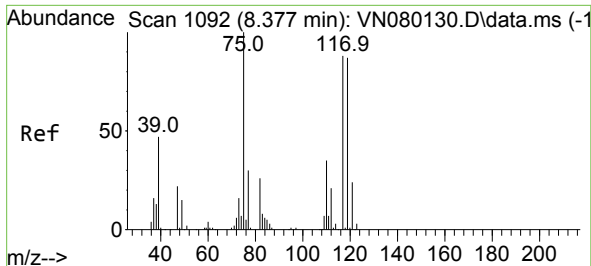
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 18.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.468 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

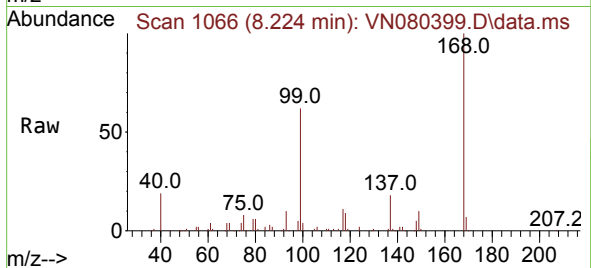
Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

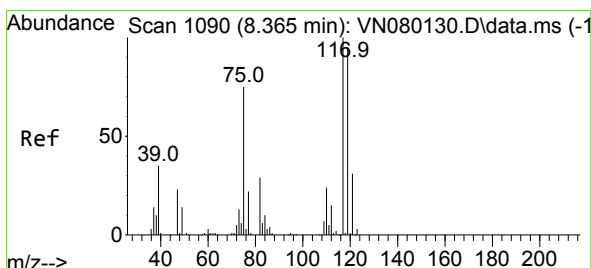
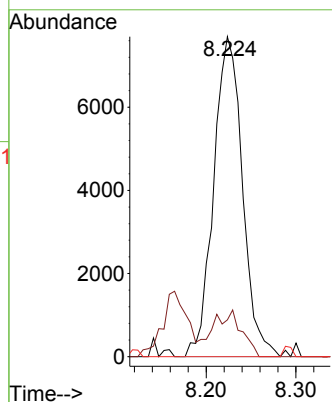
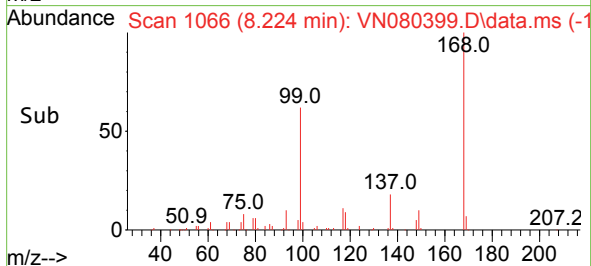
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	17156
Ion Ratio	Lower	Upper	
75	100		
110	13.9	19.1	57.3#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 4.803 ug/l

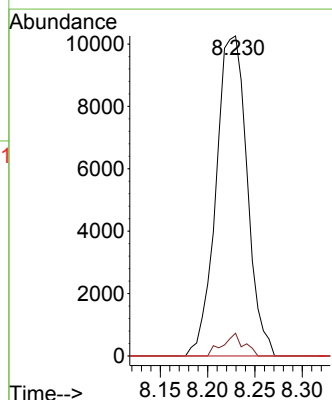
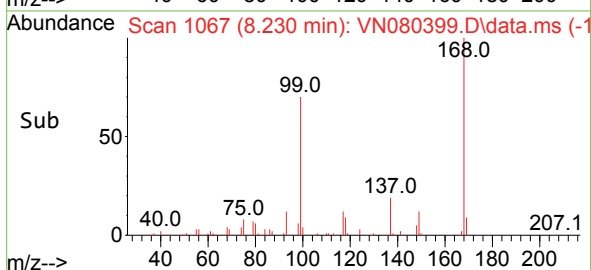
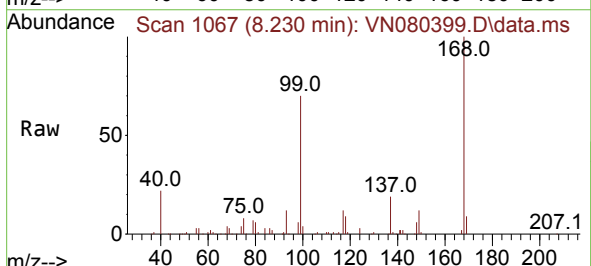
RT: 8.230 min Scan# 1067

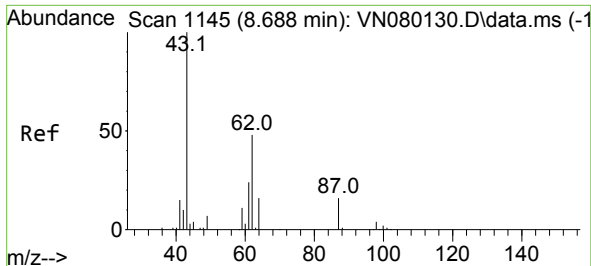
Delta R.T. -0.135 min

Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

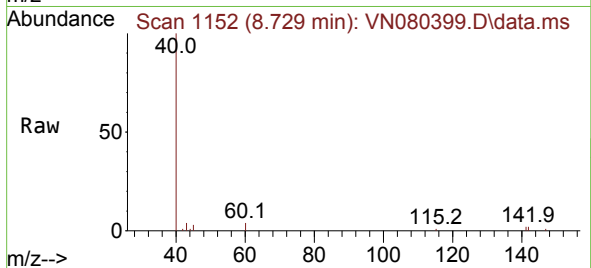
Tgt Ion:	117	Resp:	23402
Ion Ratio	Lower	Upper	
117	100		
119	7.1	77.3	115.9#
121	0.0	23.3	34.9#



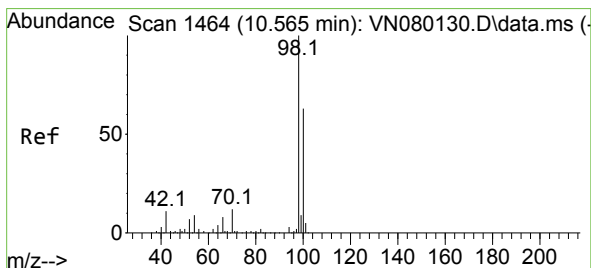
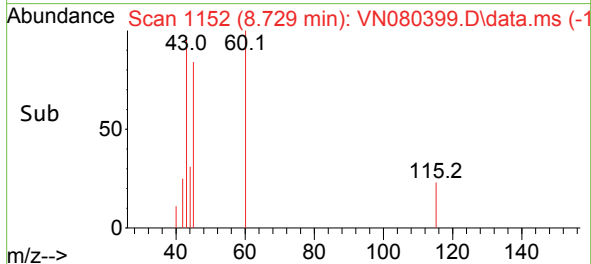


#43
Isopropyl Acetate
Concen: 0.273 ug/l
RT: 8.729 min Scan# 1145
Delta R.T. 0.041 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :

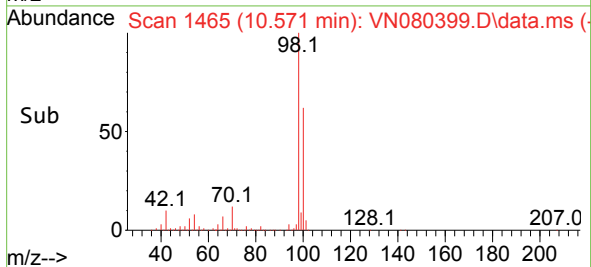
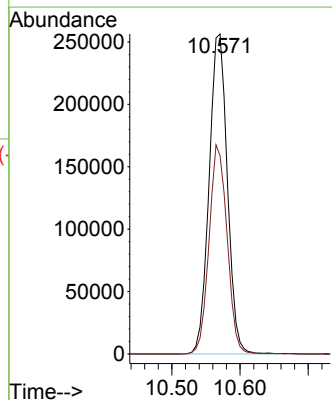
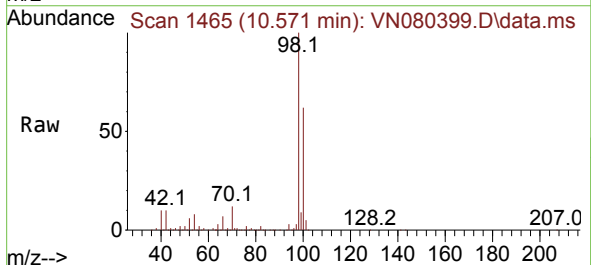


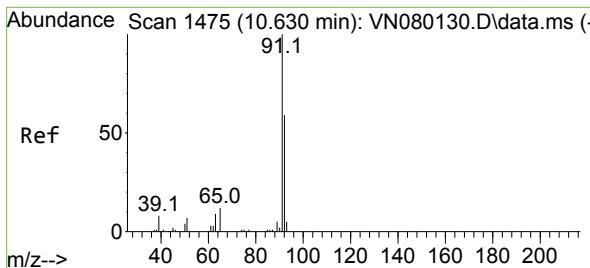
Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.977 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Tgt Ion: 98 Resp: 477783
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#52

Toluene

Concen: 0.222 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

Instrument :

MSVOA_N

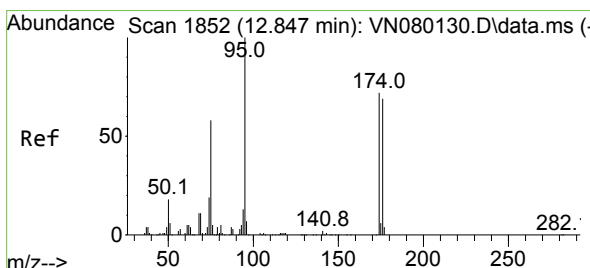
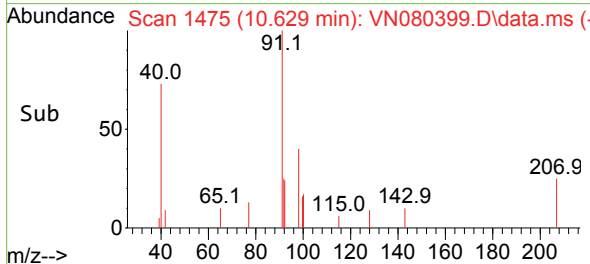
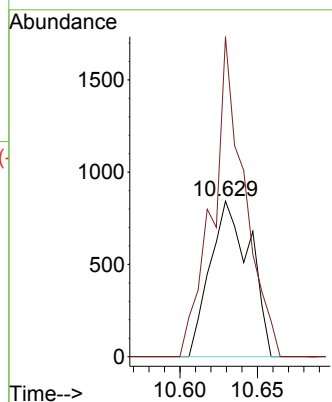
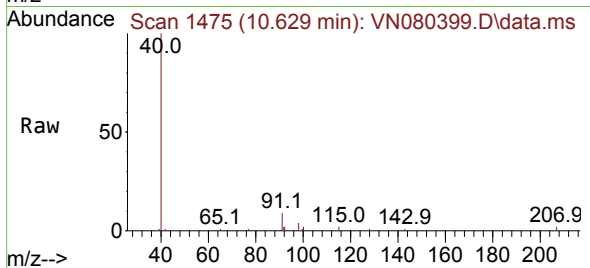
ClientSampleId :

Tgt Ion: 92 Resp: 1514

Ion Ratio Lower Upper

92 100

91 164.6 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 57.965 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

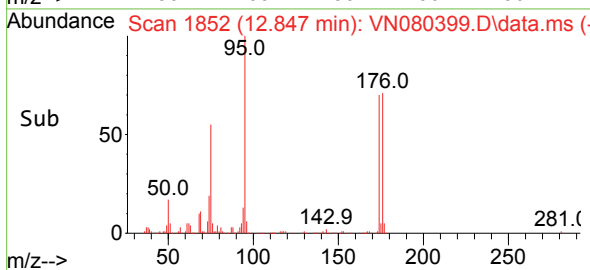
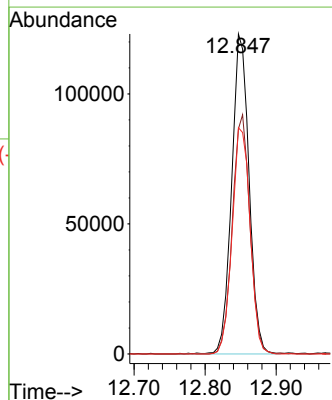
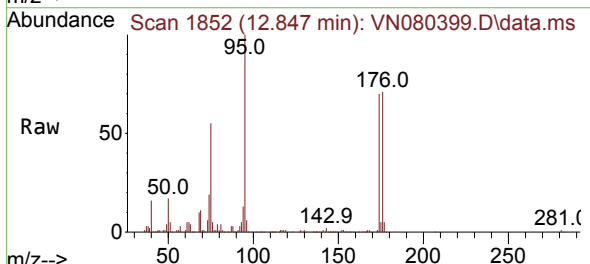
Tgt Ion: 95 Resp: 209311

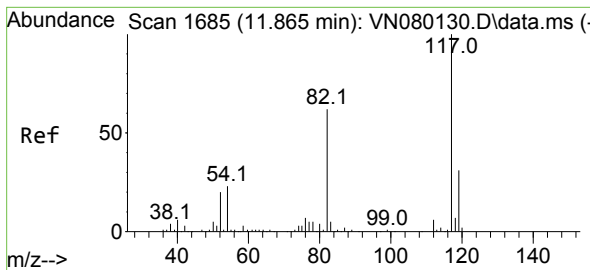
Ion Ratio Lower Upper

95 100

174 75.6 0.0 143.8

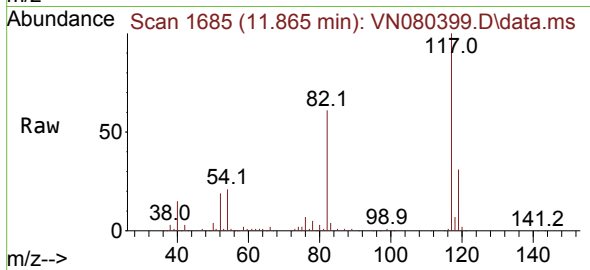
176 73.1 0.0 135.8



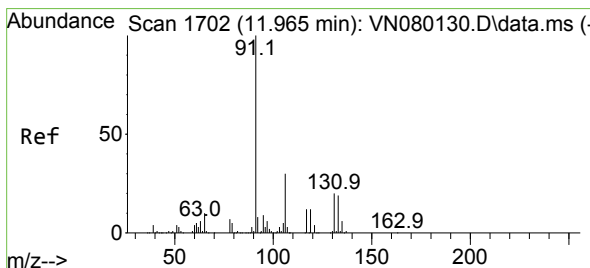
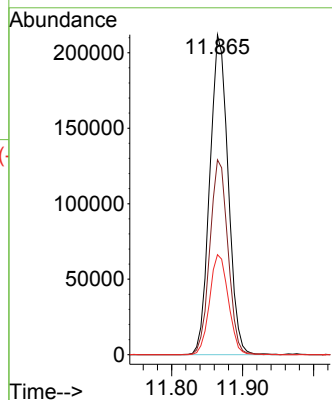
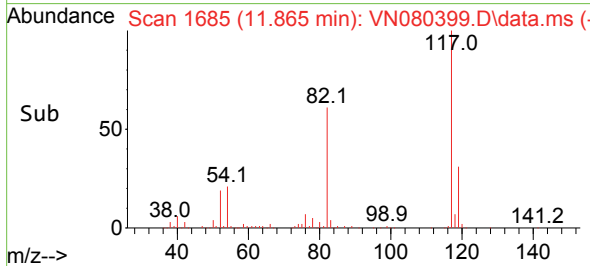


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :

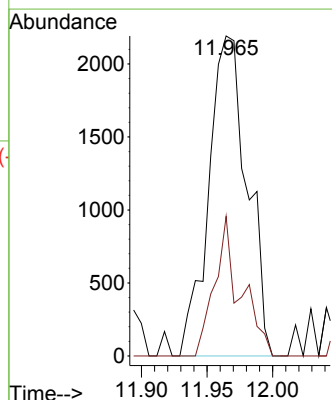
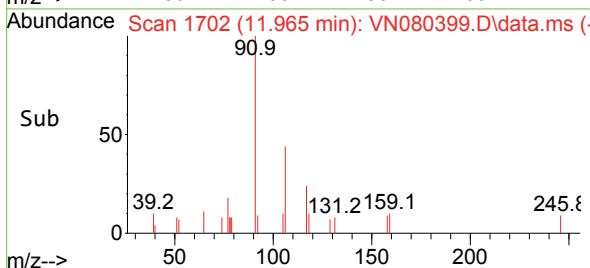
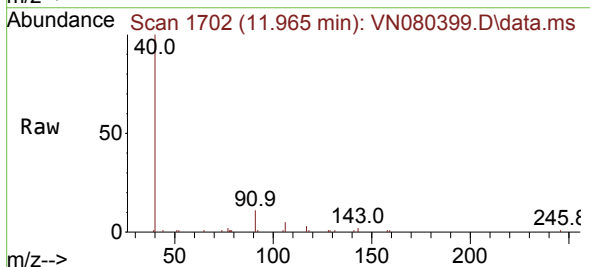


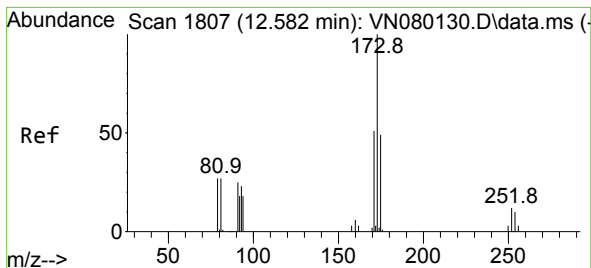
Tgt Ion:117 Resp: 379457
Ion Ratio Lower Upper
117 100
82 60.9 44.0 66.0
119 31.2 25.6 38.4



#67
Ethyl Benzene
Concen: 0.293 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Tgt Ion: 91 Resp: 4482
Ion Ratio Lower Upper
91 100
106 43.6 25.6 38.4#





#71

Bromoform

Concen: 0.326 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

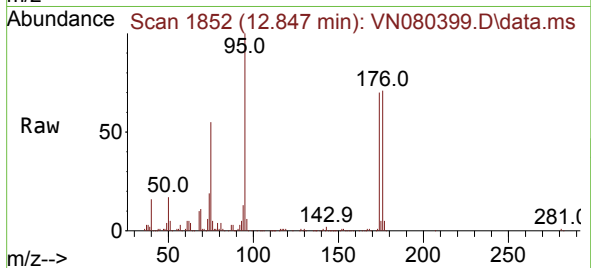
Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

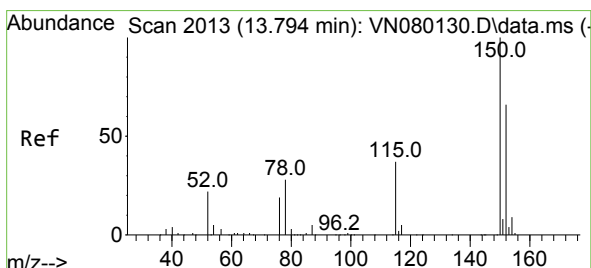
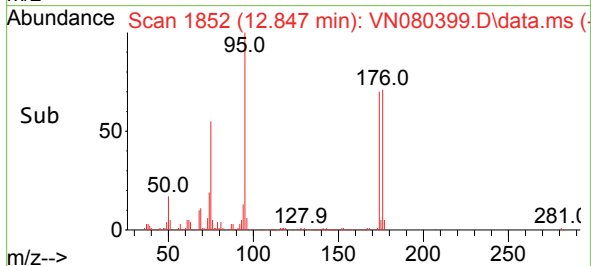
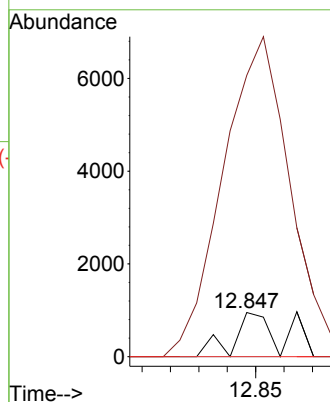
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	806
Ion Ratio	Lower	Upper	
173	100		
175	1197.5	24.3	73.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

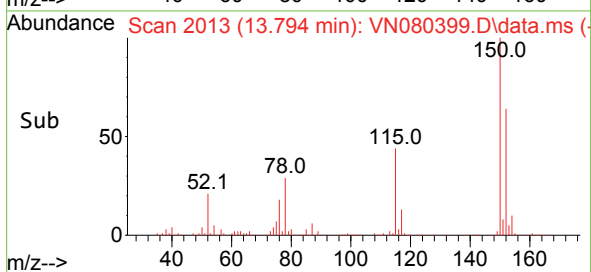
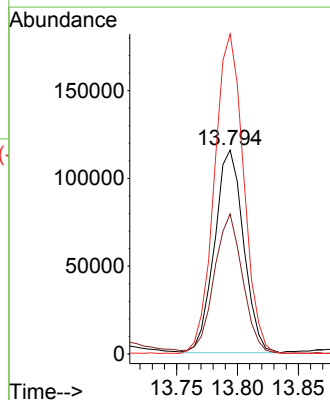
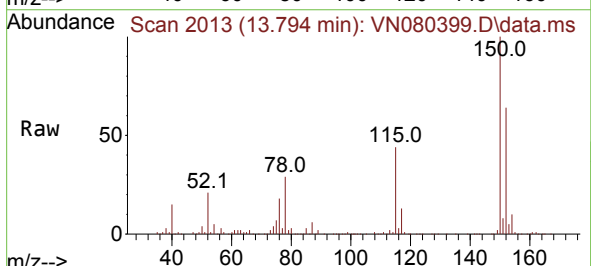
RT: 13.794 min Scan# 2013

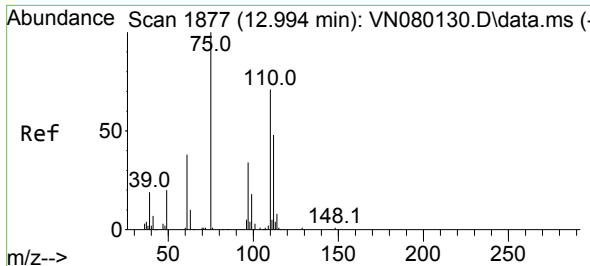
Delta R.T. -0.000 min

Lab File: VN080399.D

Acq: 06 Dec 2023 20:19

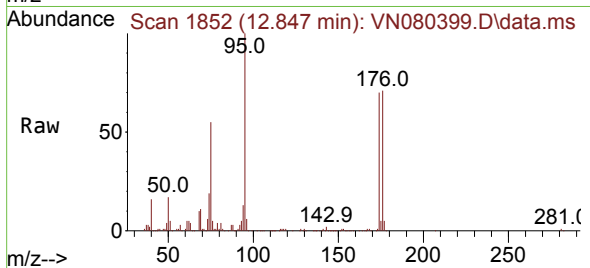
Tgt Ion:	152	Resp:	191450
Ion Ratio	Lower	Upper	
152	100		
115	67.4	32.3	96.8
150	158.3	0.0	355.8



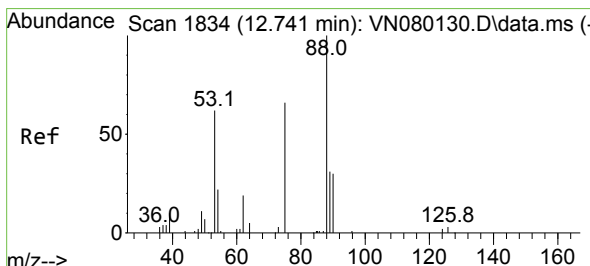
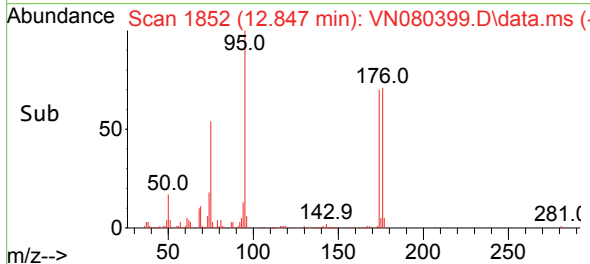
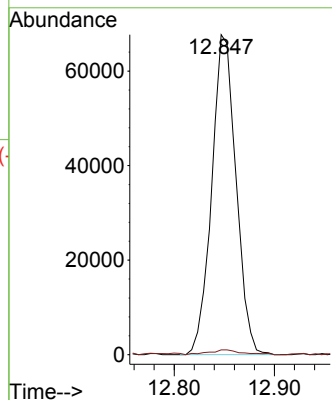


#76
1,2,3-Trichloropropane
Concen: 24.290 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :

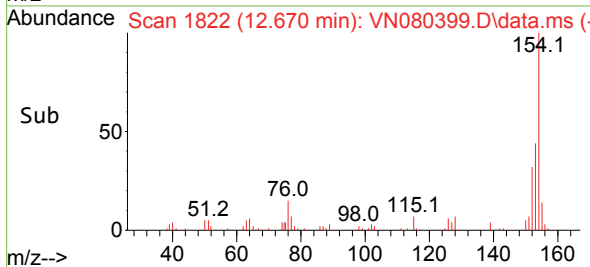
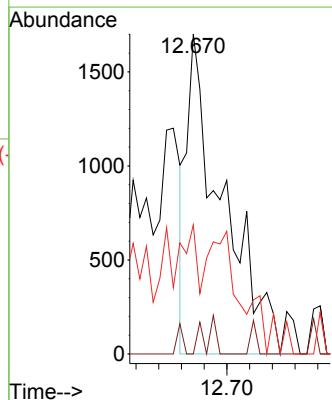
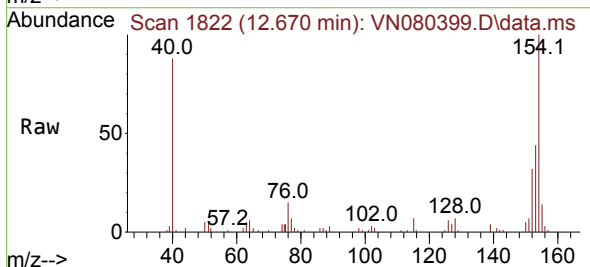


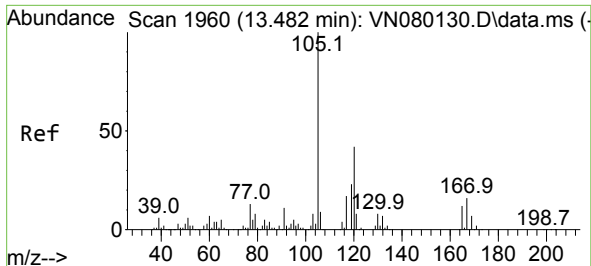
Tgt Ion: 75 Resp: 113940
Ion Ratio Lower Upper
75 100
77 2.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 2.656 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.071 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Tgt Ion: 75 Resp: 3687
Ion Ratio Lower Upper
75 100
53 1.6 67.4 101.2#
89 20.4 38.8 58.2#

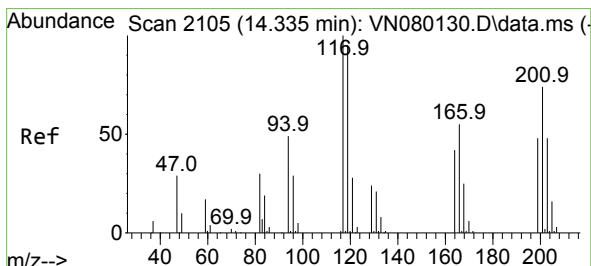
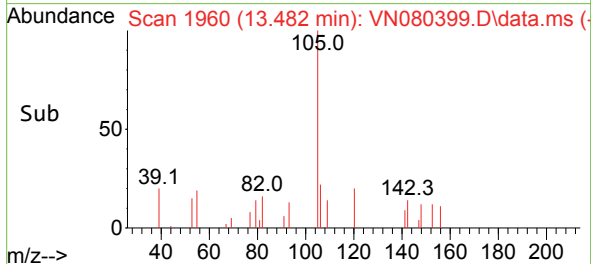
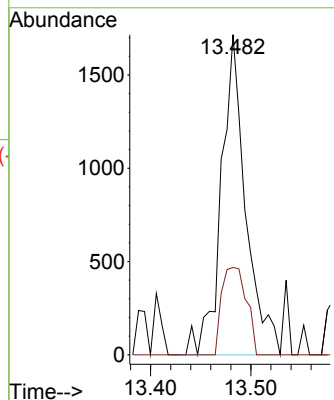
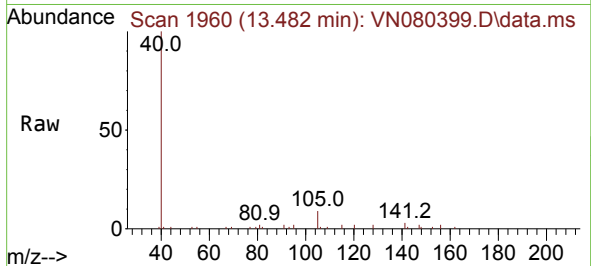




#84
1,2,4-Trimethylbenzene
Concen: 0.229 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

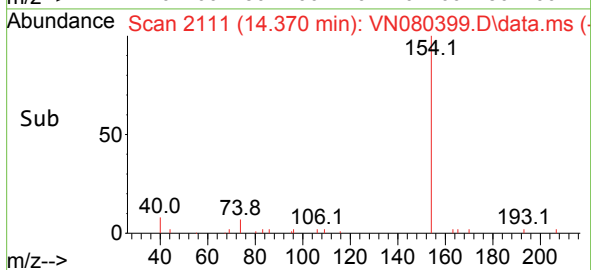
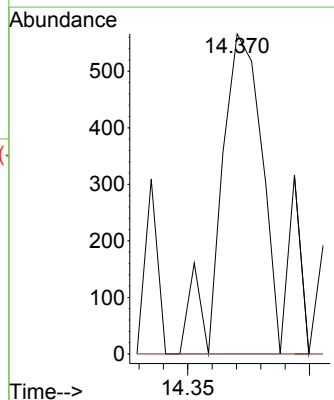
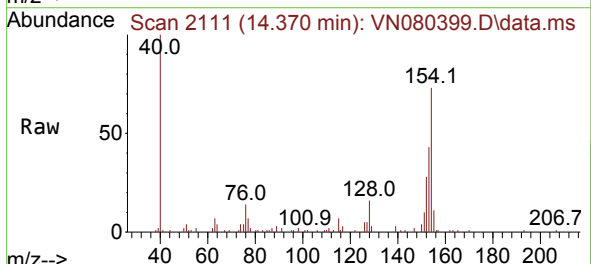
Instrument :
MSVOA_N
ClientSampleId :

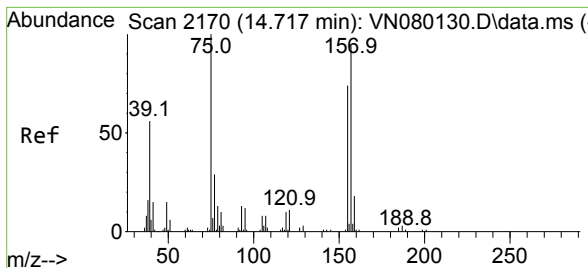
Tgt Ion:105 Resp: 2923
Ion Ratio Lower Upper
105 100
120 27.4 22.0 66.0



#90
Hexachloroethane
Concen: 0.293 ug/l
RT: 14.370 min Scan# 2111
Delta R.T. 0.035 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Tgt Ion:117 Resp: 671
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

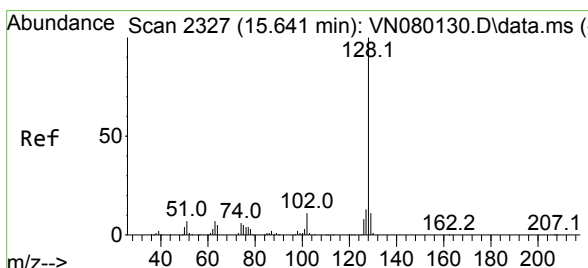
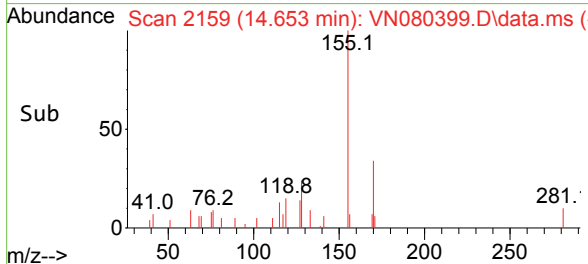
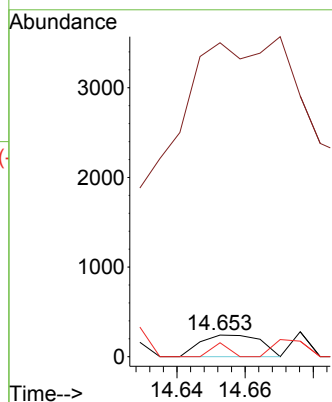
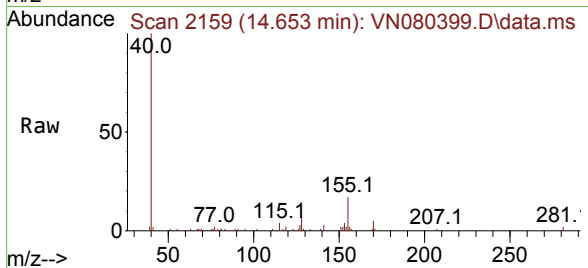




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.286 ug/l
RT: 14.653 min Scan# 2159
Delta R.T. -0.065 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 296
Ion Ratio Lower Upper
75 100
155 3989.9 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 32.612 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080399.D
Acq: 06 Dec 2023 20:19

Tgt Ion: 128 Resp: 355688
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 10.9 8.7 13.1

