

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080848.D
 Acq On : 31 Jan 2024 18:19
 Operator : JC\MD
 Sample : P1284-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31913

Quant Time: Jan 31 23:20:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

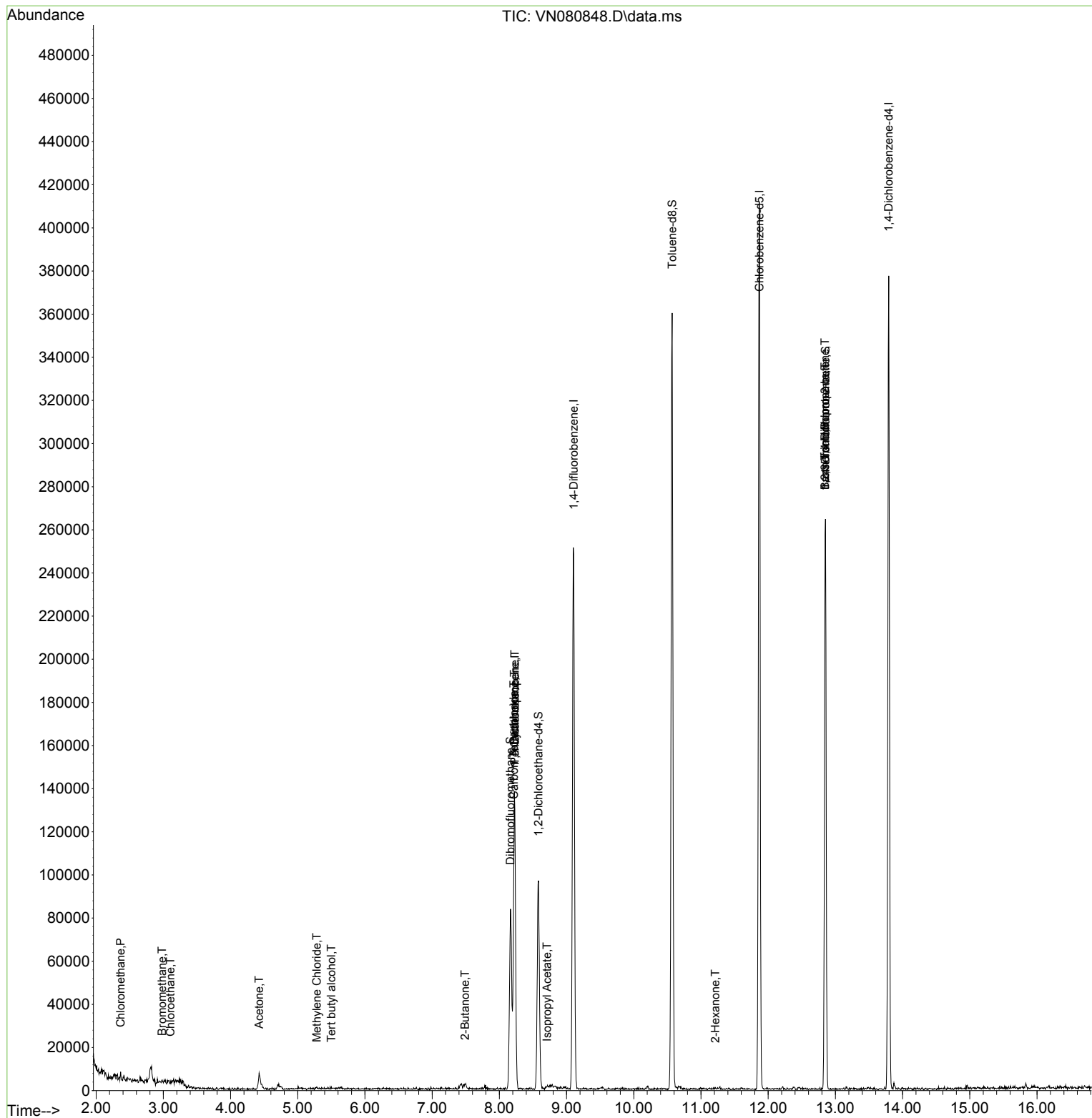
Internal Standards						
1) Pentafluorobenzene	8.230	168	85355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	213173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	73736	49.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.880%
35) Dibromofluoromethane	8.165	113	56122	47.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	10.571	98	231020	49.557	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.853	95	88554	54.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1790	0.939	ug/l	97
5) Bromomethane	2.983	94	259	0.447	ug/l #	6
6) Chloroethane	3.106	64	446	0.577	ug/l #	42
11) Tert butyl alcohol	5.500	59	71	0.295	ug/l #	72
16) Acetone	4.424	43	11698	21.844	ug/l	96
20) Methylene Chloride	5.283	84	295	0.210	ug/l #	23
25) 2-Butanone	7.488	43	4016	3.948	ug/l #	90
31) Cyclohexane	8.224	56	3262	1.288	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	9578	4.327	ug/l #	49
38) Carbon Tetrachloride	8.218	117	11216	6.288	ug/l #	14
43) Isopropyl Acetate	8.712	43	1030	0.248	ug/l #	57
59) 2-Hexanone	11.212	43	503	0.279	ug/l #	26
71) Bromoform	12.847	173	313	0.306	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	54626	20.976	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54626	54.037	ug/l #	14

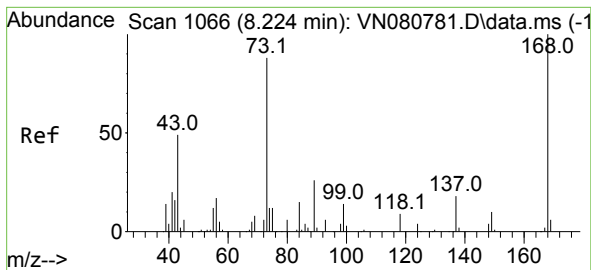
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
Data File : VN080848.D
Acq On : 31 Jan 2024 18:19
Operator : JC\MD
Sample : P1284-09 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31913

Quant Time: Jan 31 23:20:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
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: VN080848.D

Acq: 31 Jan 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

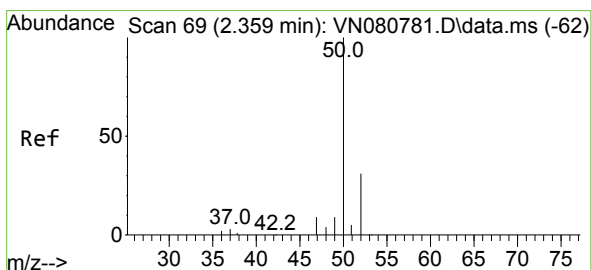
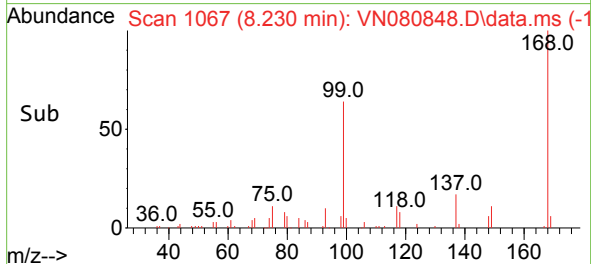
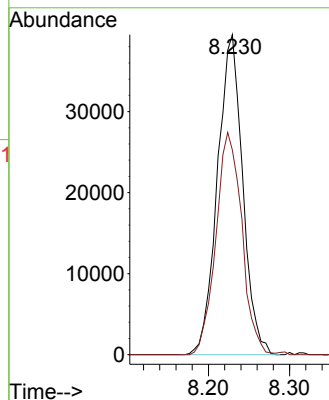
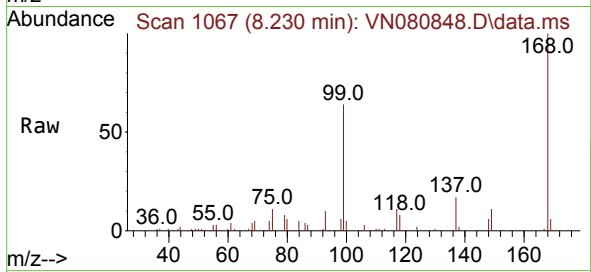
31913

Tgt Ion:168 Resp: 85355

Ion Ratio Lower Upper

168 100

99 63.9 59.9 89.9



#3

Chloromethane

Concen: 0.939 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080848.D

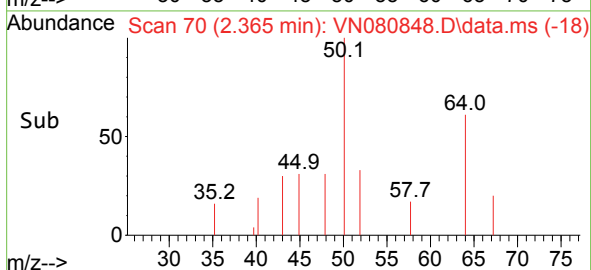
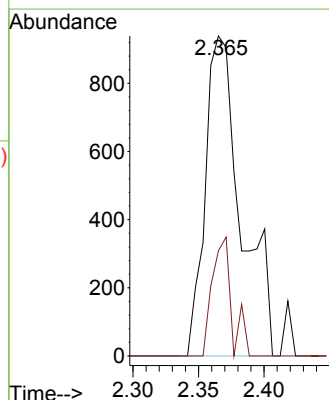
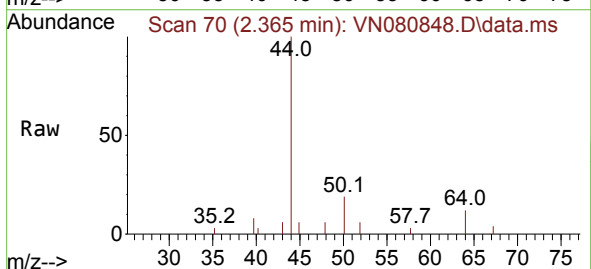
Acq: 31 Jan 2024 18:19

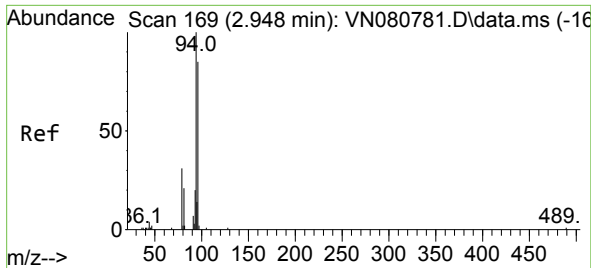
Tgt Ion: 50 Resp: 1790

Ion Ratio Lower Upper

50 100

52 32.9 25.0 37.4

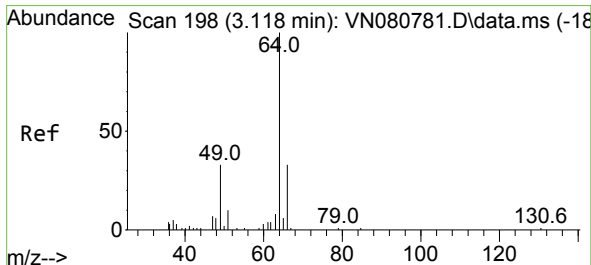
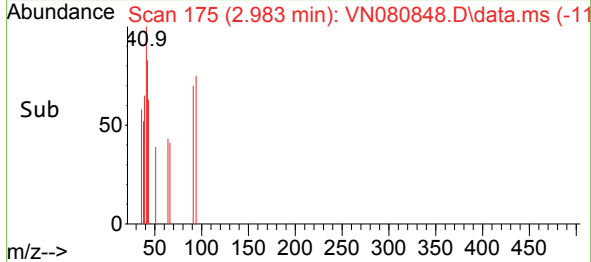
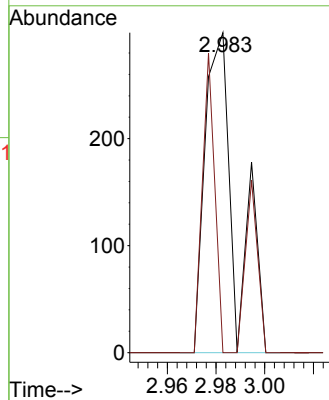
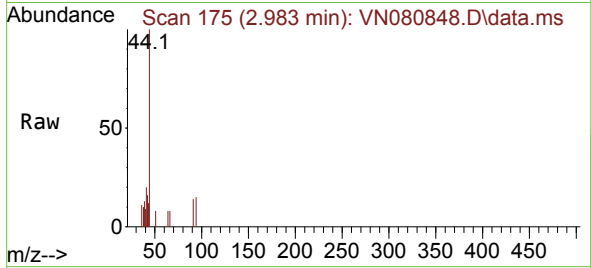




#5
Bromomethane
Concen: 0.447 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

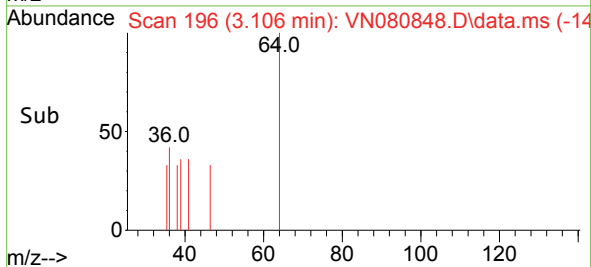
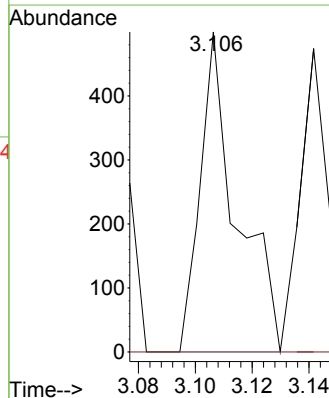
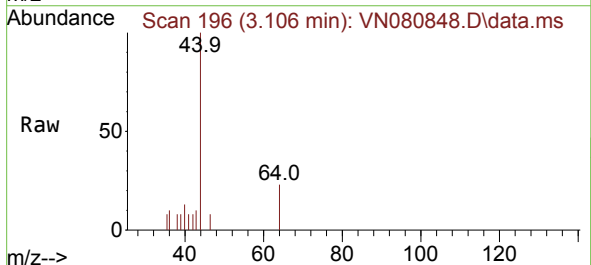
Instrument :
MSVOA_N
ClientSampleId :
31913

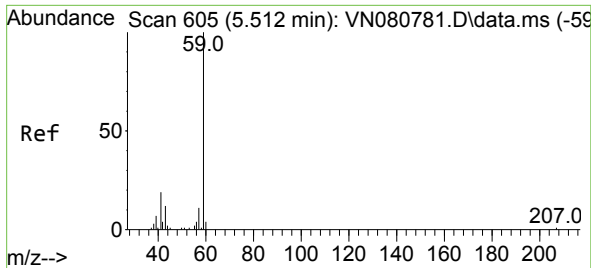
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#6
Chloroethane
Concen: 0.577 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

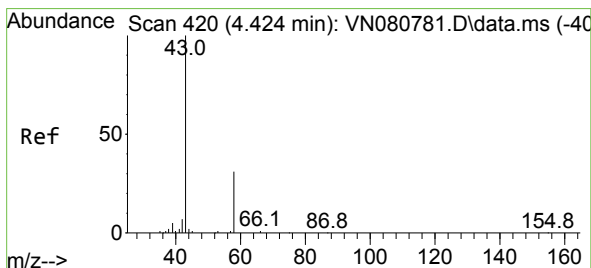
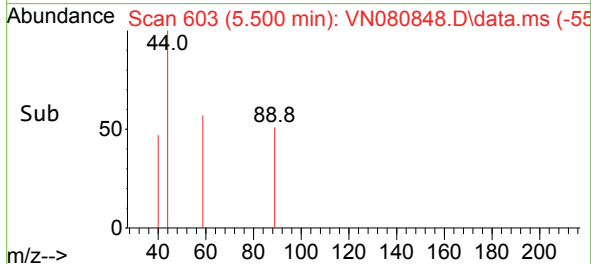
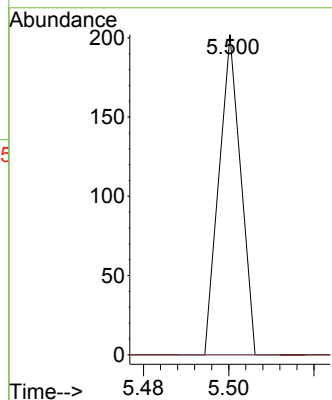
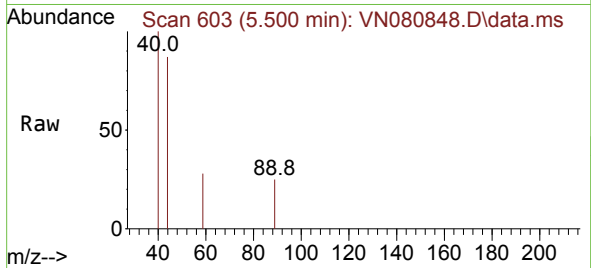




#11
Tert butyl alcohol
Concen: 0.295 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

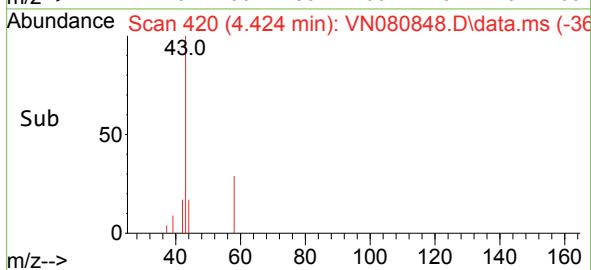
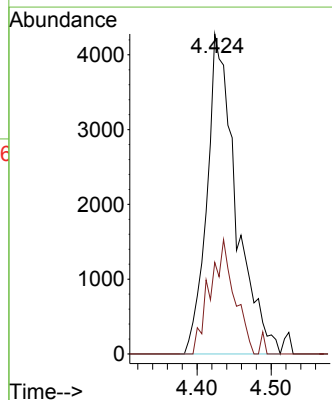
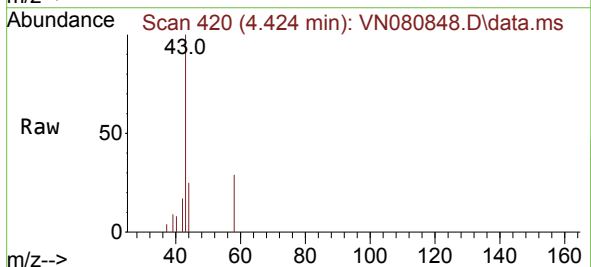
Instrument :
MSVOA_N
ClientSampleId :
31913

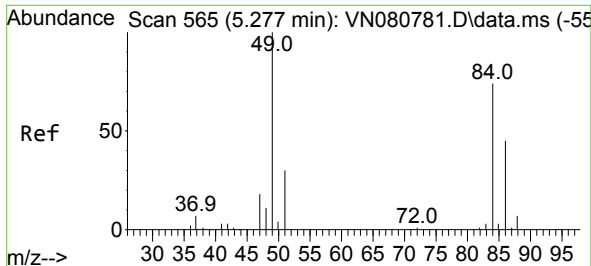
Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 21.844 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 43 Resp: 11698
Ion Ratio Lower Upper
43 100
58 28.6 24.8 37.2

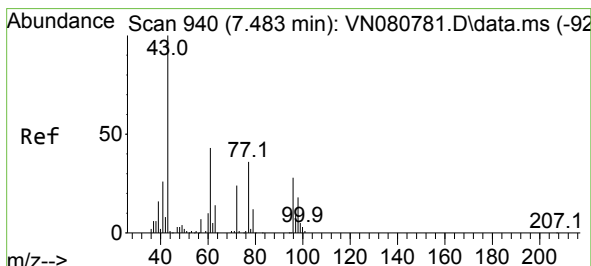
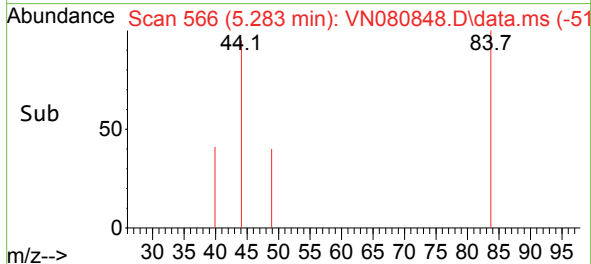
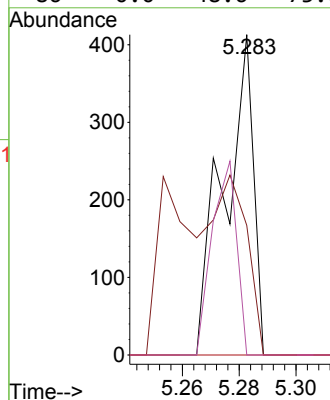
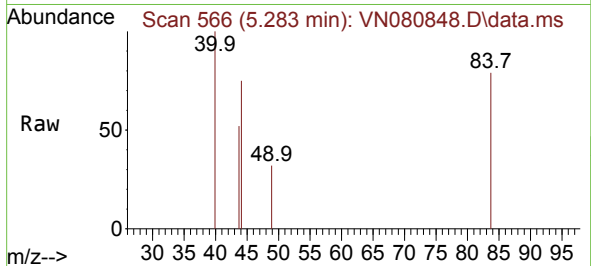




#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 5.283 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

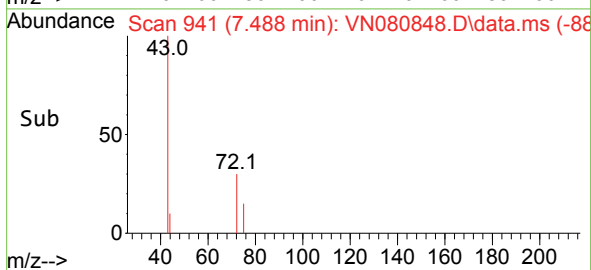
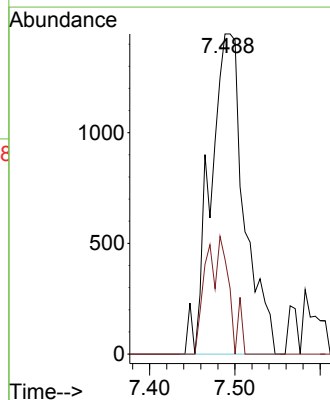
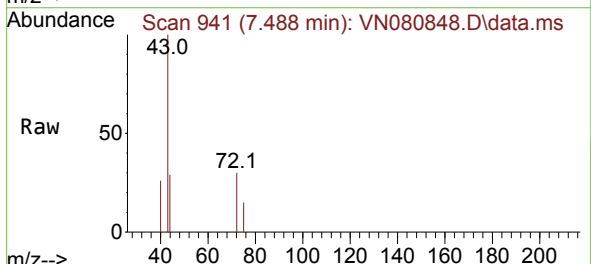
Instrument :
MSVOA_N
ClientSampleId :
31913

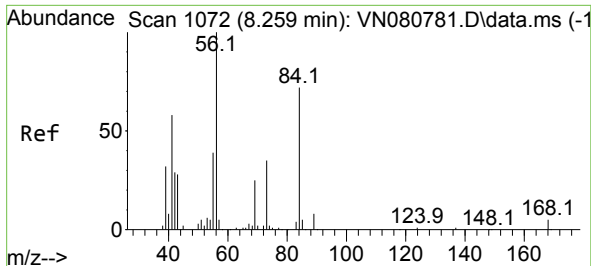
Tgt Ion: 84	Resp: 295
Ion Ratio	Lower Upper
84 100	
49 40.4	108.1 162.1#
51 0.0	32.9 49.3#
86 0.0	48.6 73.0#



#25
2-Butanone
Concen: 3.948 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 43	Resp: 4016
Ion Ratio	Lower Upper
43 100	
72 29.6	19.5 29.3#

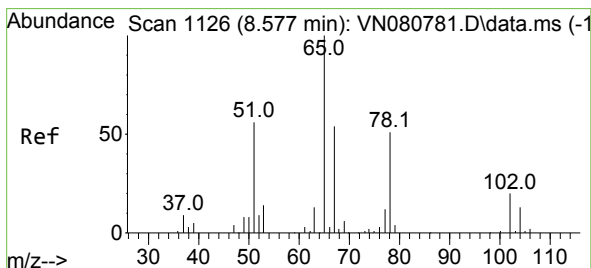
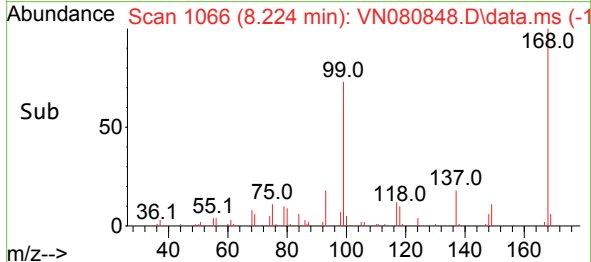
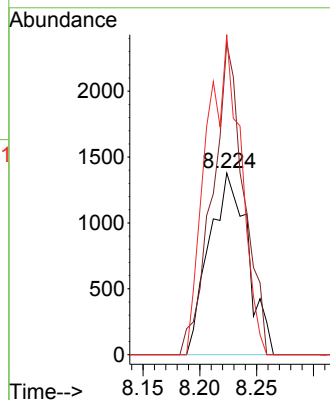
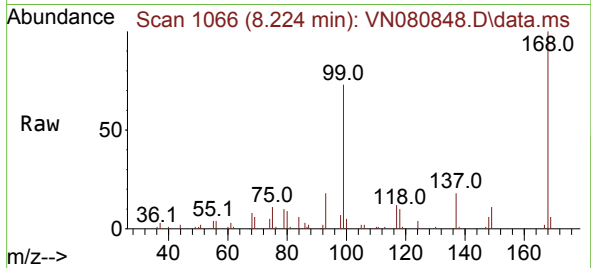




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

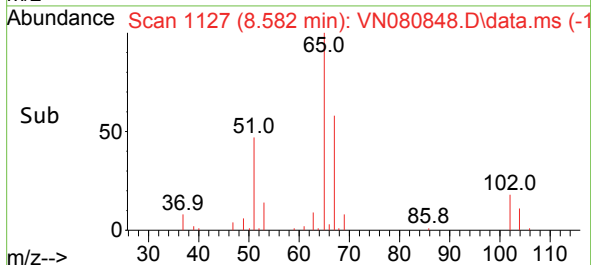
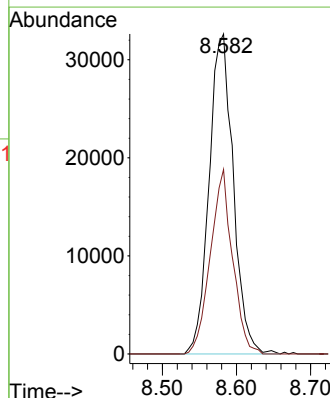
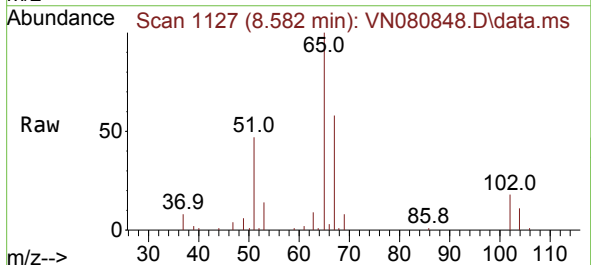
Instrument :
MSVOA_N
ClientSampleId :
31913

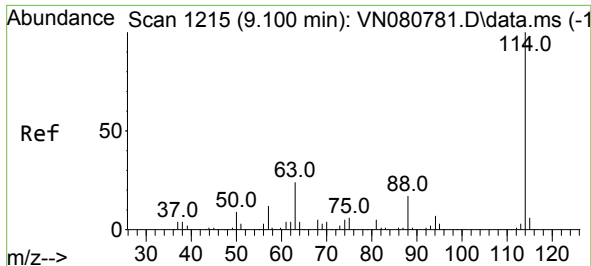
Tgt Ion: 56 Resp: 3262
Ion Ratio Lower Upper
56 100
69 171.5 20.1 30.1#
84 176.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 49.936 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 65 Resp: 73736
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.4

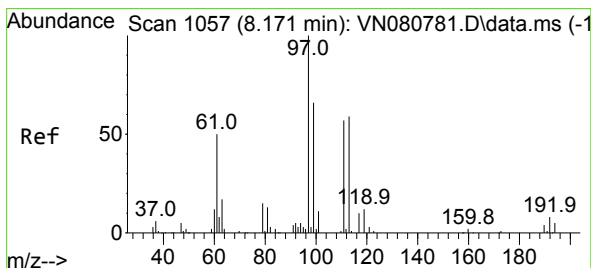
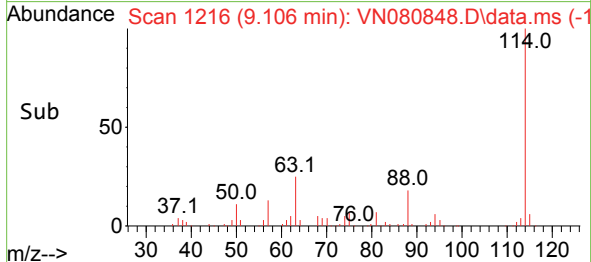
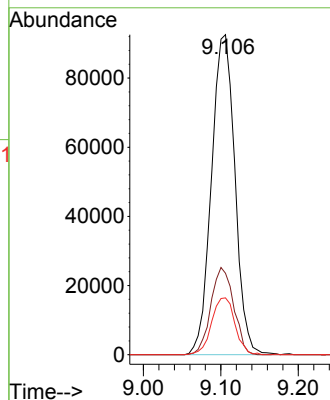
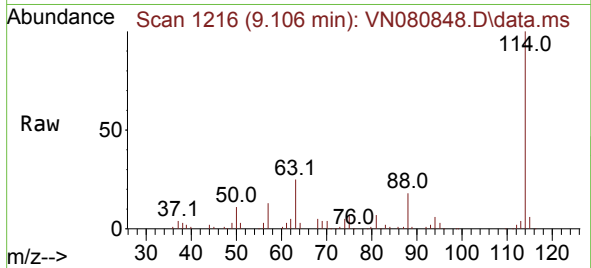




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

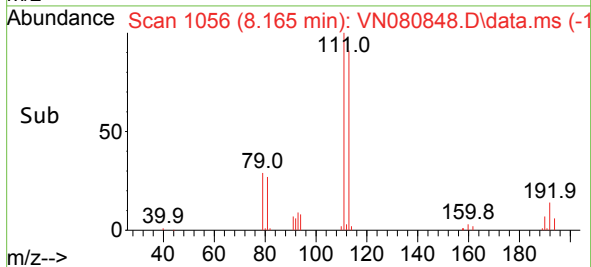
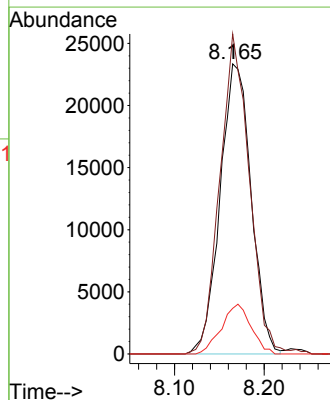
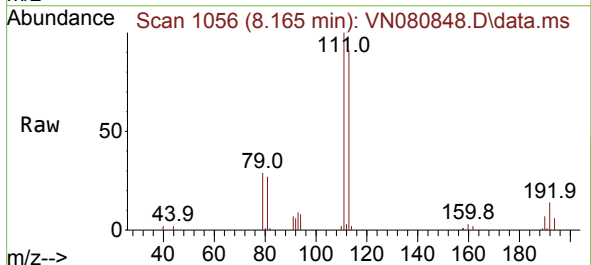
Instrument :
MSVOA_N
ClientSampleId :
31913

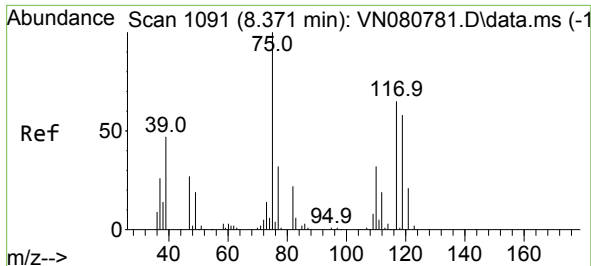
Tgt Ion:114 Resp: 194678
Ion Ratio Lower Upper
114 100
63 25.5 0.0 48.0
88 17.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 47.120 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion:113 Resp: 56122
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 16.3 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.327 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN080848.D

Acq: 31 Jan 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

31913

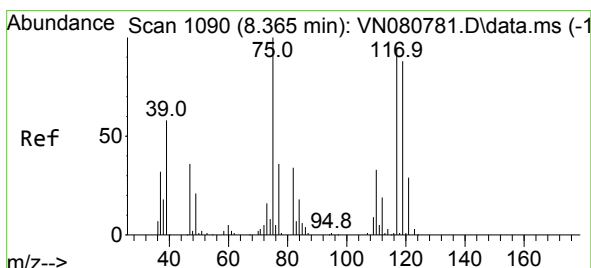
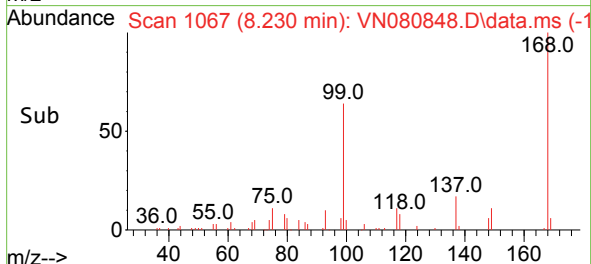
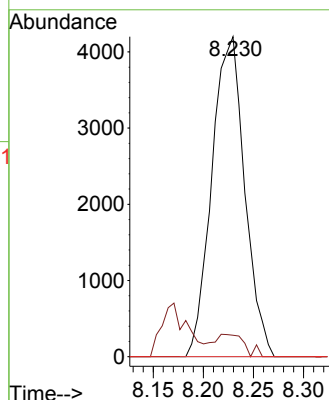
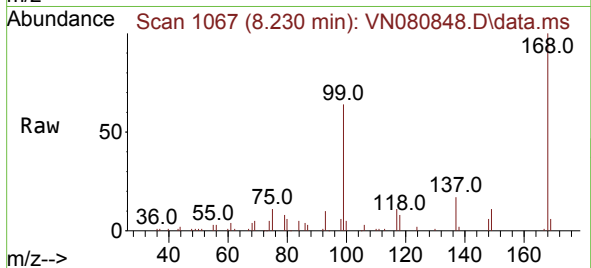
Tgt Ion: 75 Resp: 9578

Ion Ratio Lower Upper

75 100

110 6.8 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.288 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN080848.D

Acq: 31 Jan 2024 18:19

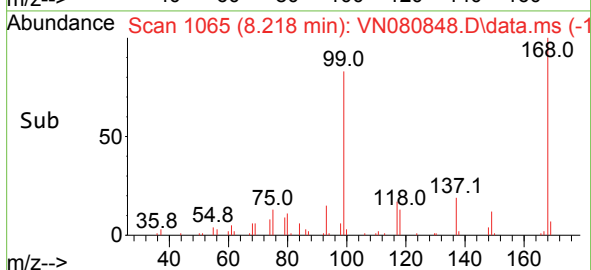
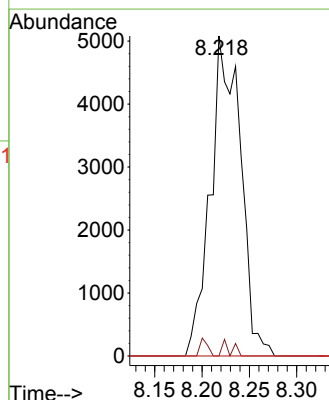
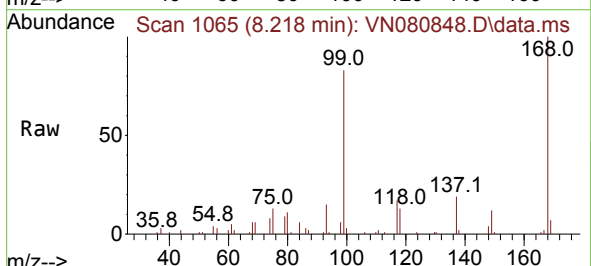
Tgt Ion: 117 Resp: 11216

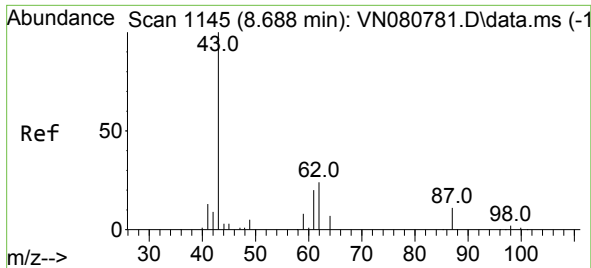
Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

121 0.0 24.4 36.6#

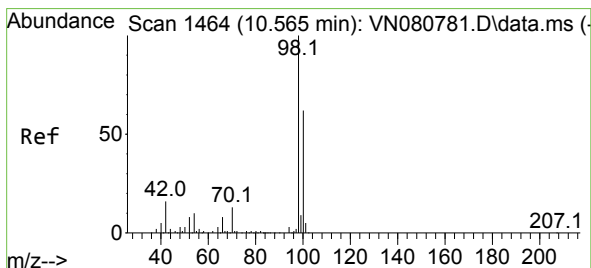
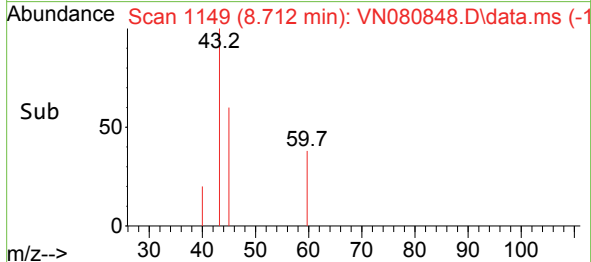
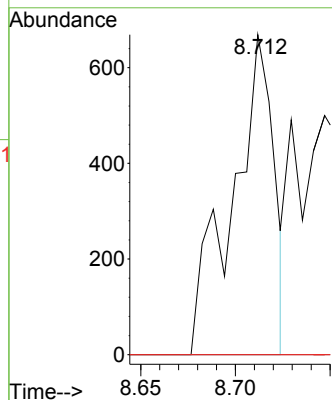
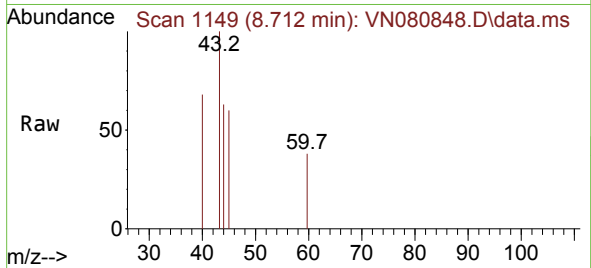




#43
Isopropyl Acetate
Concen: 0.248 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

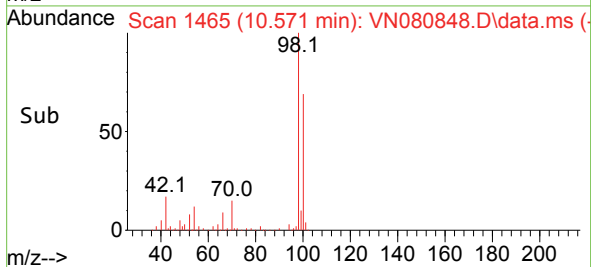
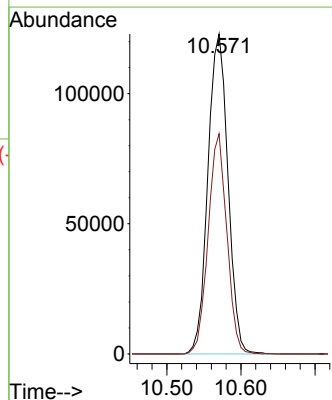
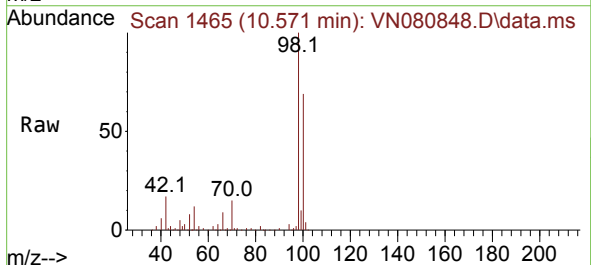
Instrument :
MSVOA_N
ClientSampleId :
31913

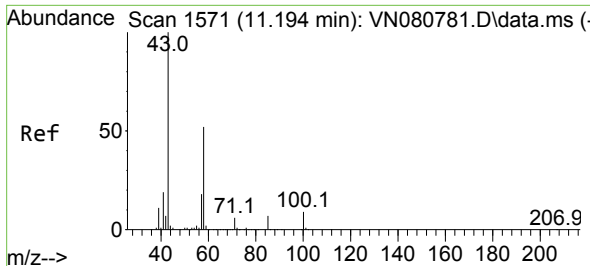
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 49.557 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 98 Resp: 231020
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

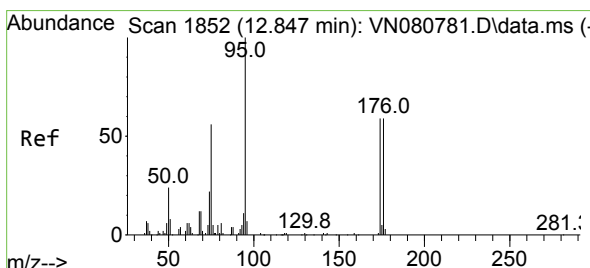
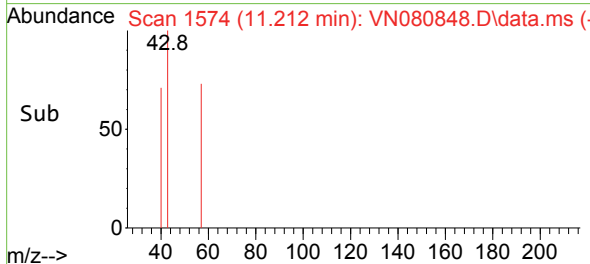
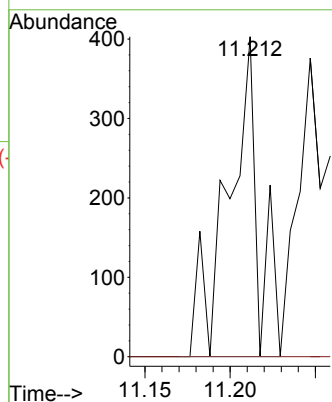
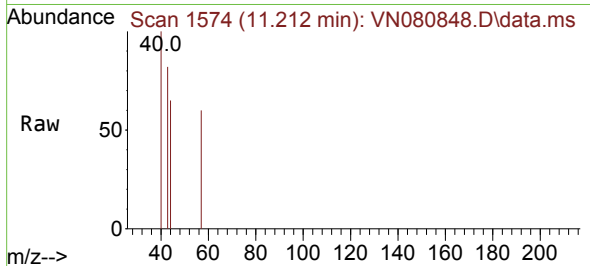




#59
2-Hexanone
Concen: 0.279 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

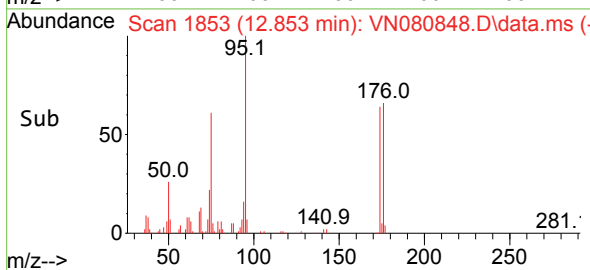
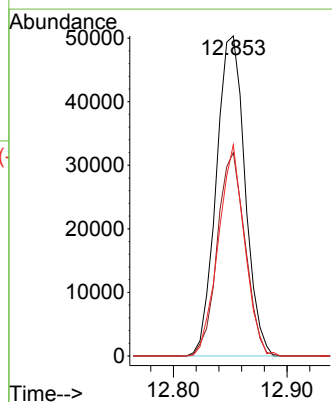
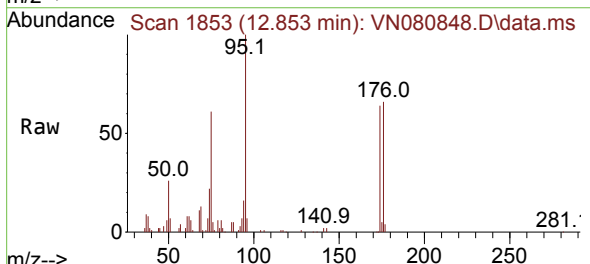
Instrument :
MSVOA_N
ClientSampleId :
31913

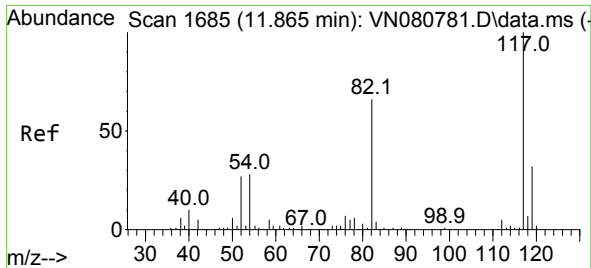
Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 54.513 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion: 95 Resp: 88554
Ion Ratio Lower Upper
95 100
174 61.3 0.0 120.4
176 60.2 0.0 121.0

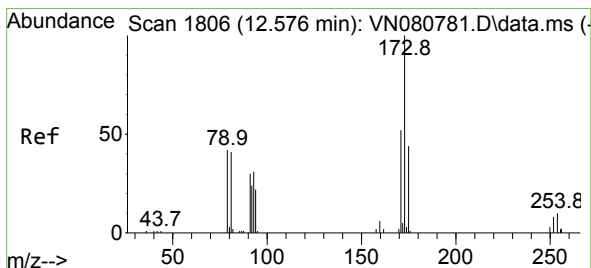
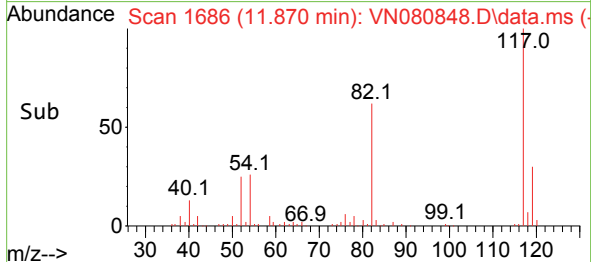
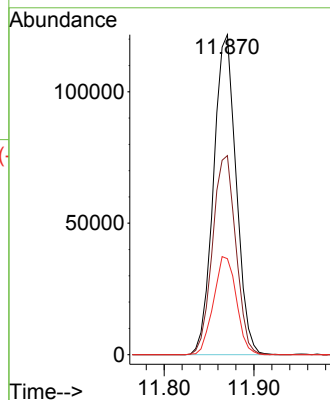
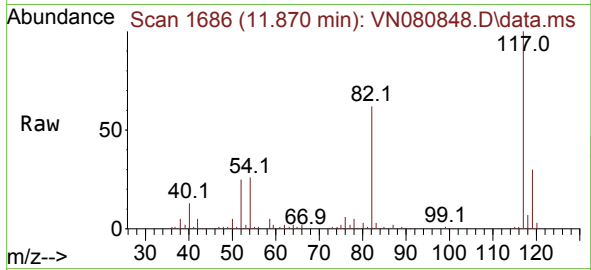




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

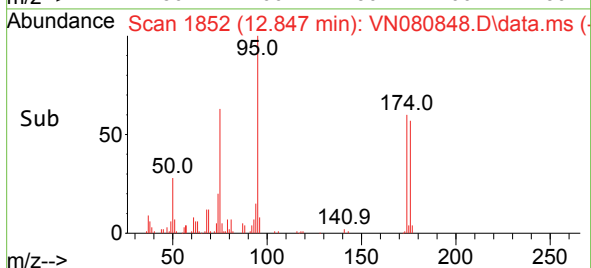
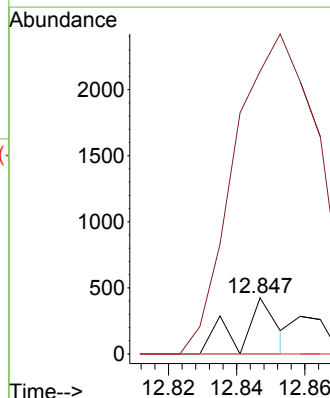
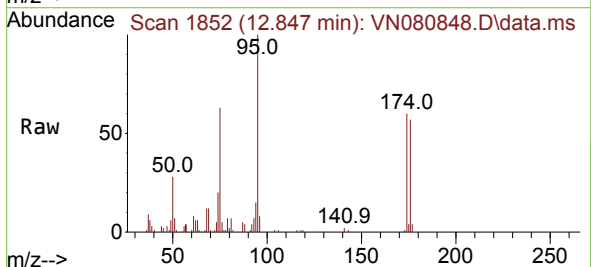
Instrument :
MSVOA_N
ClientSampleId :
31913

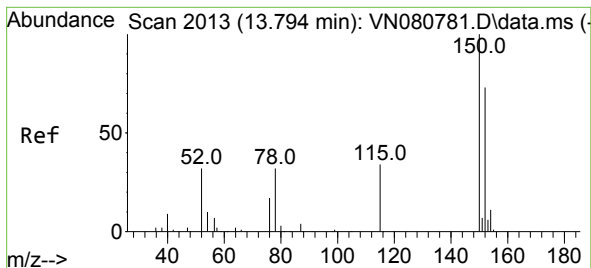
Tgt Ion:117 Resp: 213173
Ion Ratio Lower Upper
117 100
82 62.2 52.7 79.1
119 30.0 25.3 37.9



#71
Bromoform
Concen: 0.306 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN080848.D
Acq: 31 Jan 2024 18:19

Tgt Ion:173 Resp: 313
Ion Ratio Lower Upper
173 100
175 0.0 23.1 69.2#
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: VN080848.D

Acq: 31 Jan 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

31913

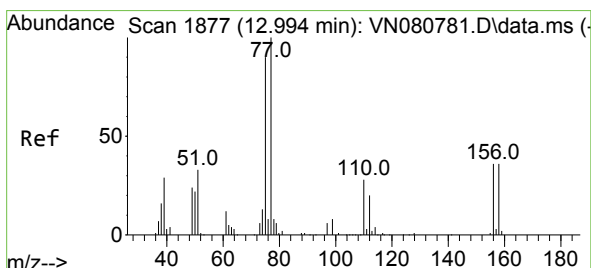
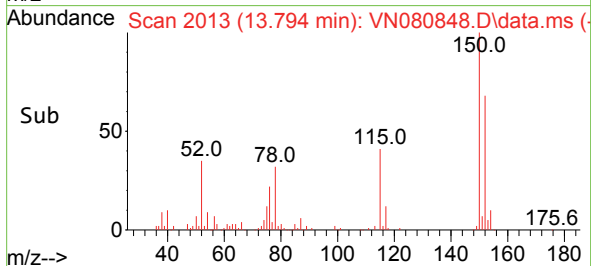
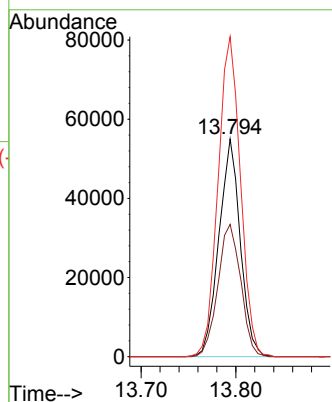
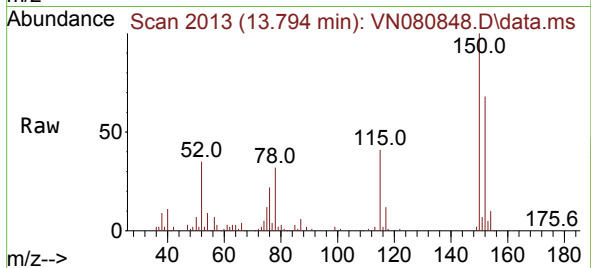
Tgt Ion:152 Resp: 86348

Ion Ratio Lower Upper

152 100

115 65.0 32.3 96.8

150 153.8 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 20.976 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080848.D

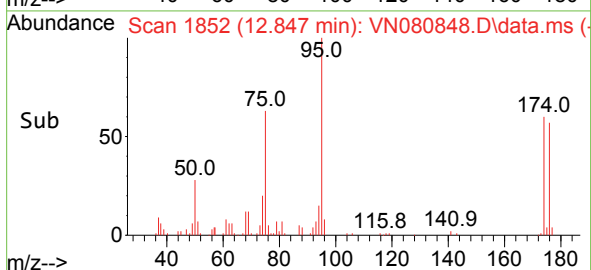
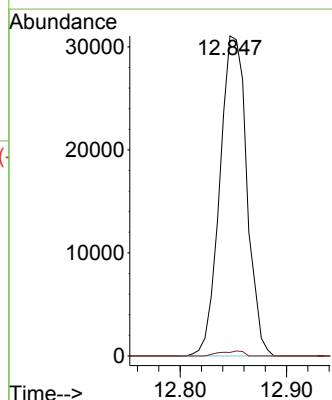
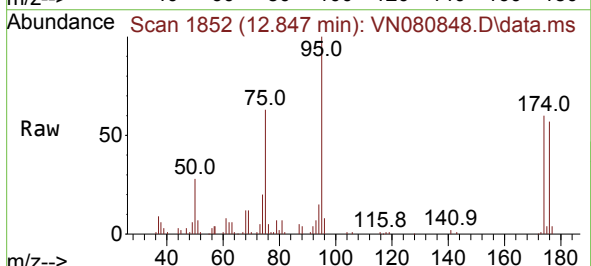
Acq: 31 Jan 2024 18:19

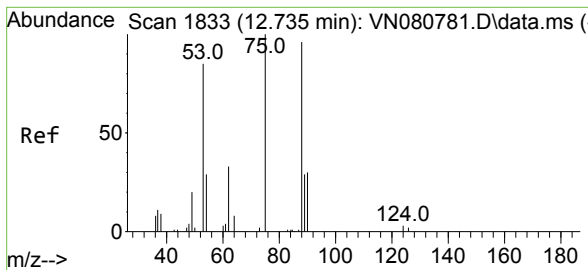
Tgt Ion: 75 Resp: 54626

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.037 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080848.D
 Acq: 31 Jan 2024 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 31913

Tgt Ion: 75 Resp: 54626
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

