

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083677.D
 Acq On : 05 Sep 2024 15:50
 Operator : JC\MD
 Sample : P3815-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 06 02:18:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

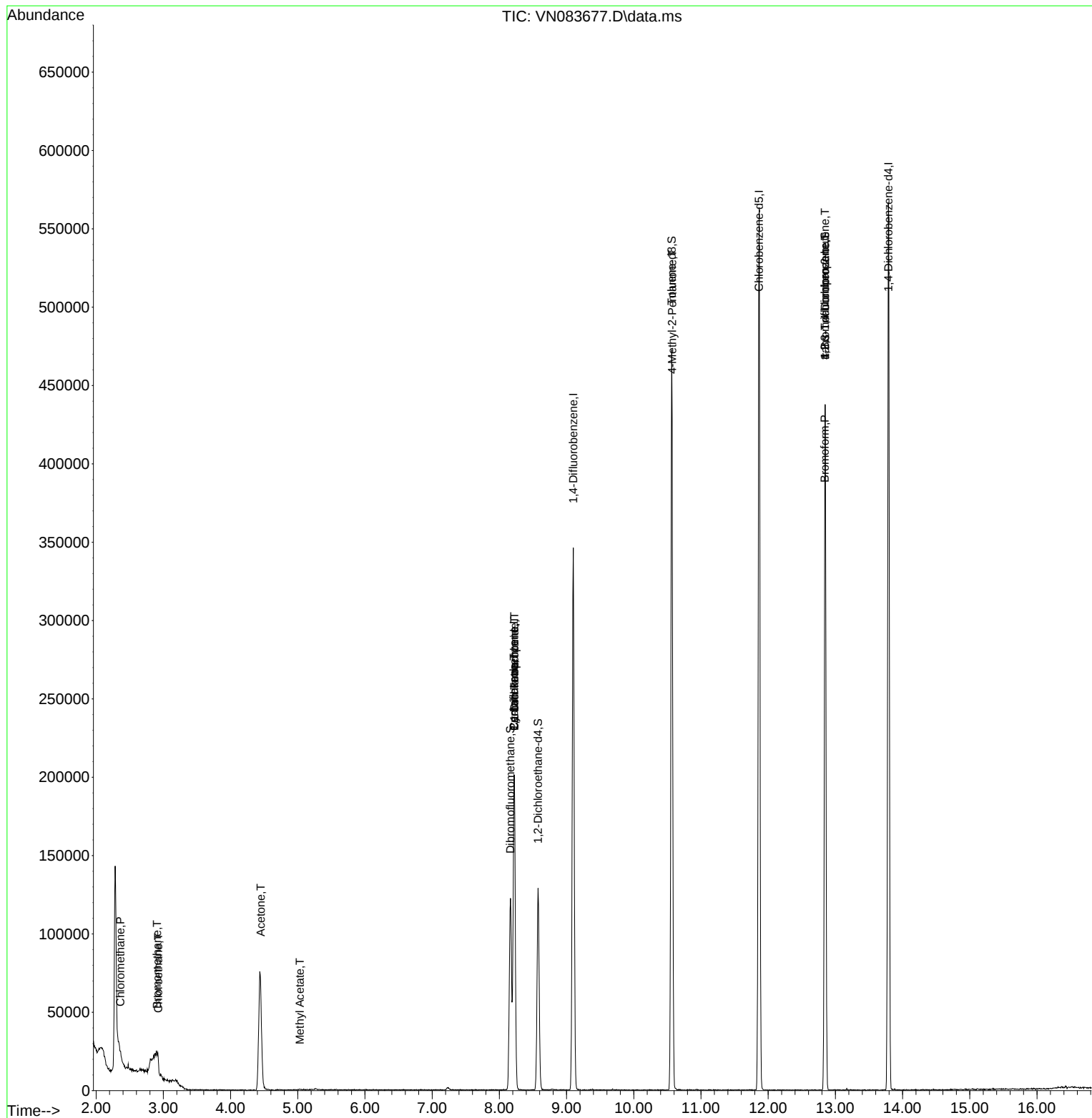
Internal Standards						
1) Pentafluorobenzene	8.218	168	138326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109047	56.406	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.820%		
35) Dibromofluoromethane	8.165	113	88170	51.545	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.080%		
50) Toluene-d8	10.565	98	313314	47.051	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.100%		
62) 4-Bromofluorobenzene	12.847	95	147890	59.933	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 119.860%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2320	1.360	ug/l	92
5) Bromomethane	2.906	94	264	0.294	ug/l	93
6) Chloroethane	2.924	64	740	0.664	ug/l #	59
16) Acetone	4.448	43	1933	2.507	ug/l #	45
18) Methyl Acetate	5.030	43	1189	0.580	ug/l #	61
31) Cyclohexane	8.218	56	3576	1.196	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	13131	5.033	ug/l #	51
38) Carbon Tetrachloride	8.224	117	15852	5.325	ug/l #	14
43) Isopropyl Acetate	8.677	43	62	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.571	43	1602	0.664	ug/l #	1
71) Bromoform	12.841	173	652	0.394	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	82898	28.659	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82898	67.595	ug/l #	9

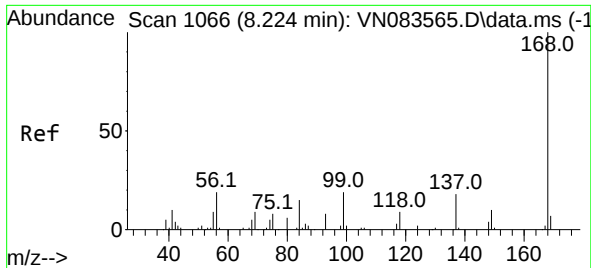
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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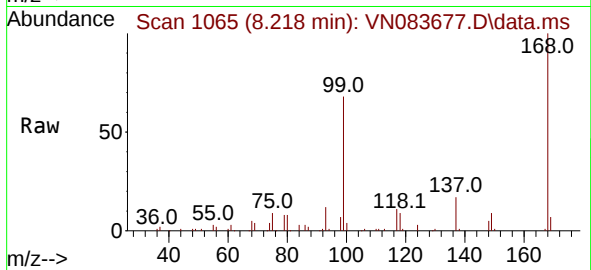
Quant Time: Sep 06 02:18:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



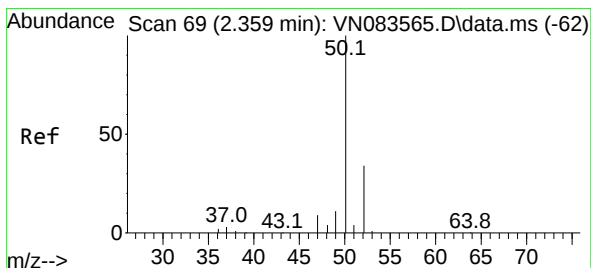
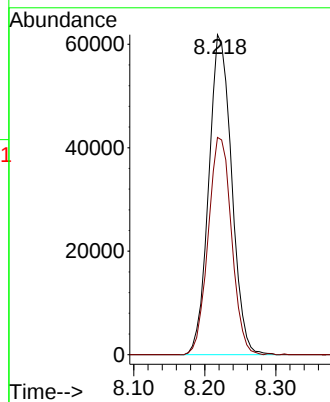
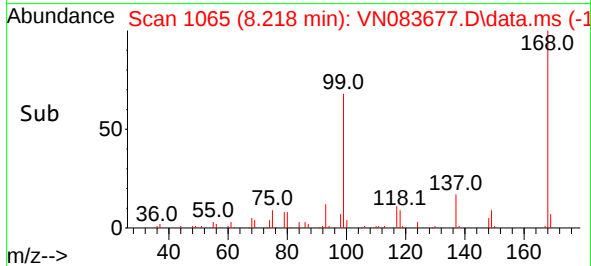


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Instrument :
MSVOA_N
ClientSampleId :

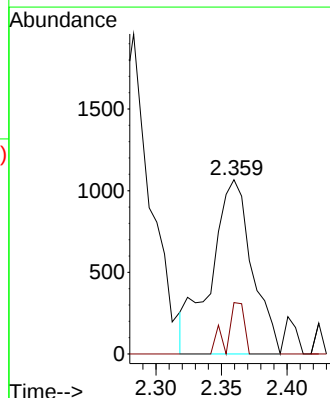
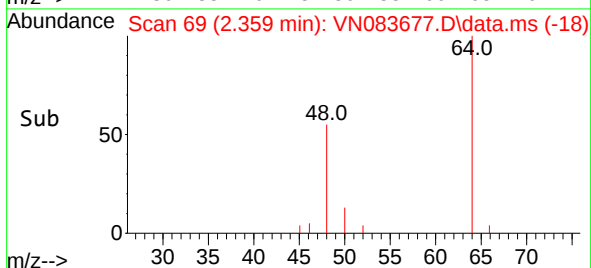
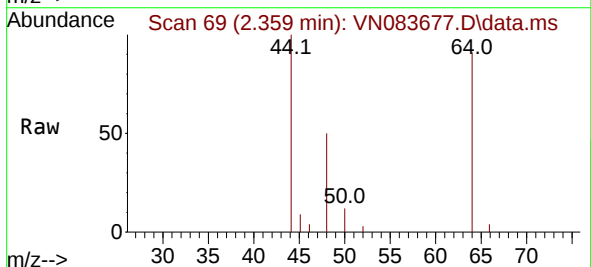


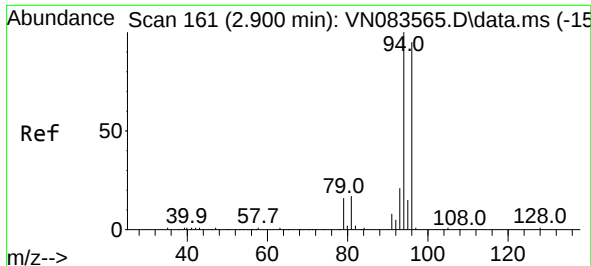
Tgt Ion:168 Resp: 138326
Ion Ratio Lower Upper
168 100
99 67.9 54.2 81.2



#3
Chloromethane
Concen: 1.360 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Tgt Ion: 50 Resp: 2320
Ion Ratio Lower Upper
50 100
52 29.4 27.2 40.8

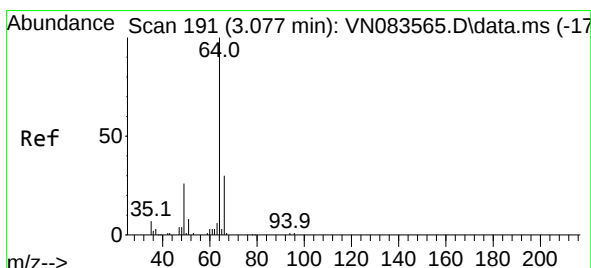
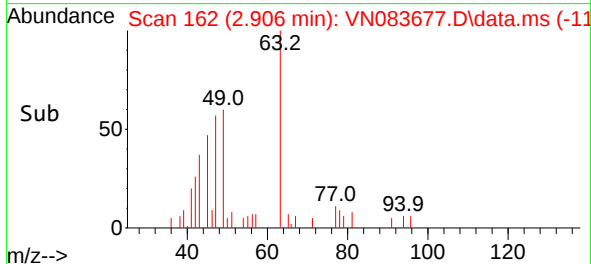
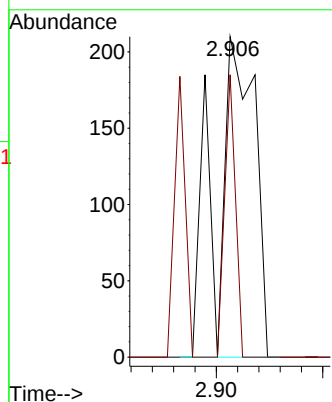
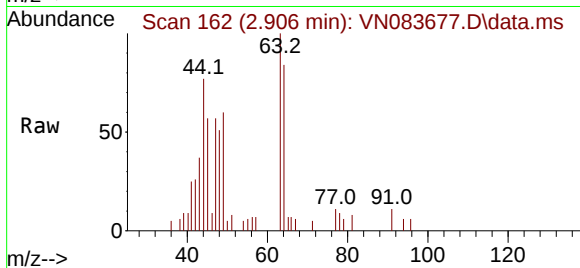




#5
Bromomethane
Concen: 0.294 ug/l
RT: 2.906 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

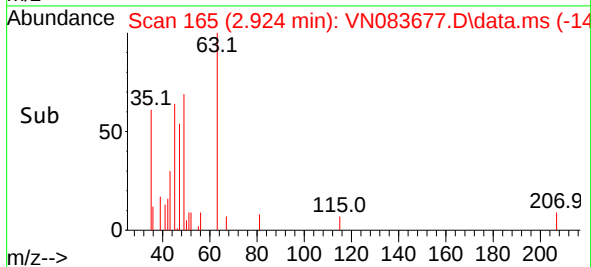
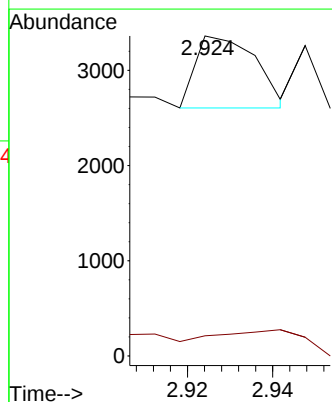
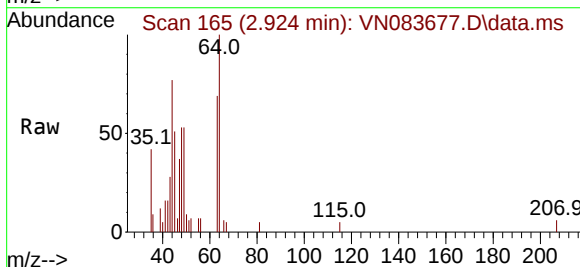
Instrument :
MSVOA_N
ClientSampleId :

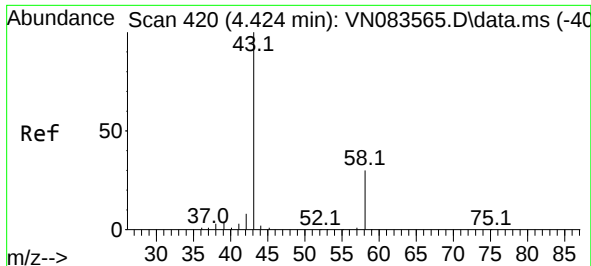
Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 88.1 76.0 114.0



#6
Chloroethane
Concen: 0.664 ug/l
RT: 2.924 min Scan# 165
Delta R.T. -0.153 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Tgt Ion: 64 Resp: 740
Ion Ratio Lower Upper
64 100
66 7.8 23.9 35.9#

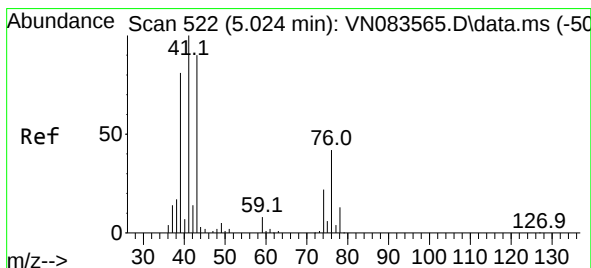
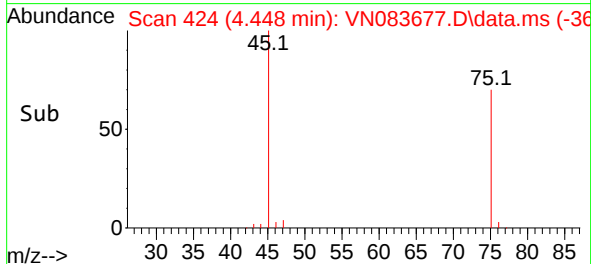
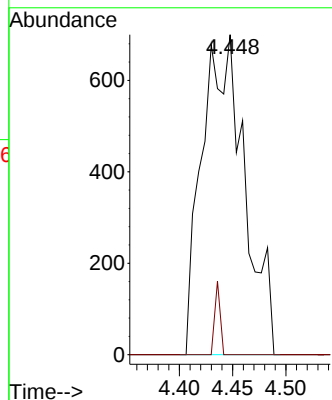
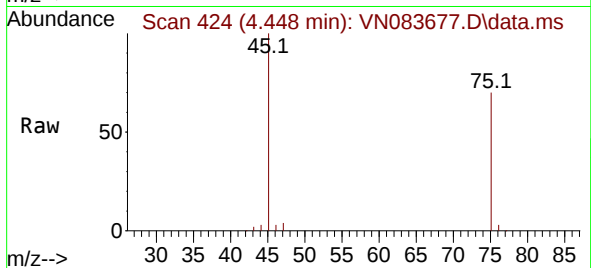




#16
Acetone
Concen: 2.507 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

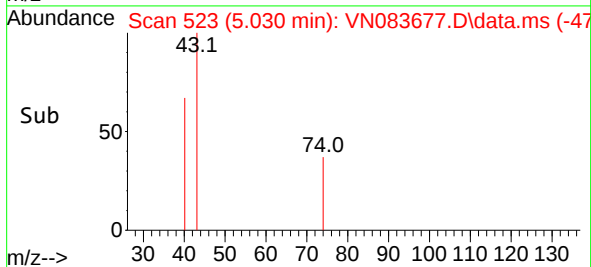
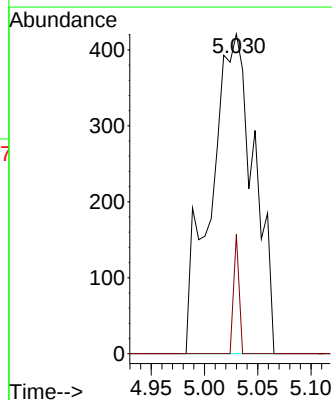
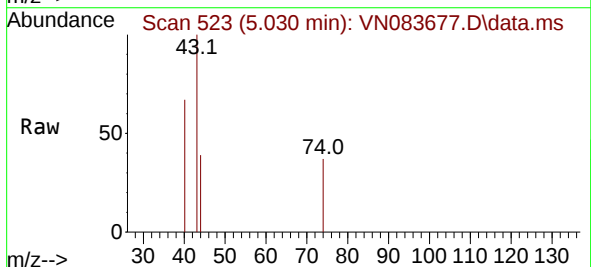
Instrument :
MSVOA_N
ClientSampleId :

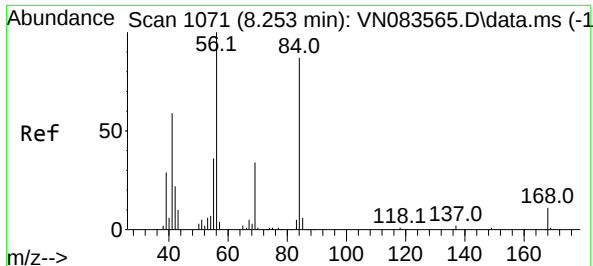
Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: 0.580 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
74 4.6 19.0 28.4#





#31

Cyclohexane

Concen: 1.196 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

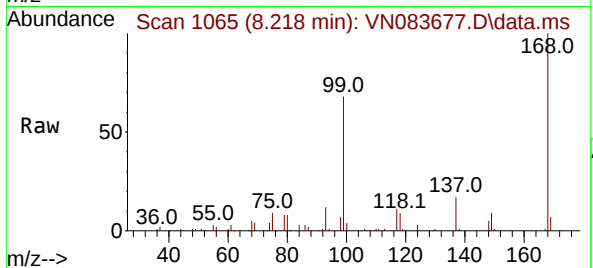
Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

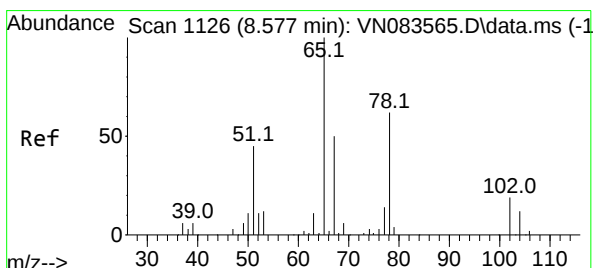
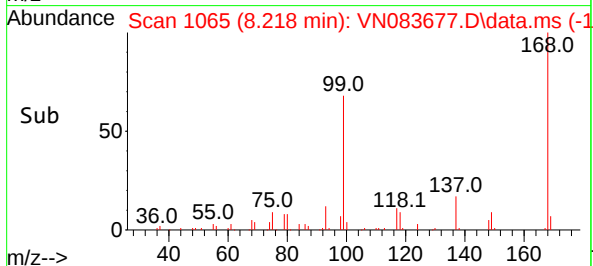
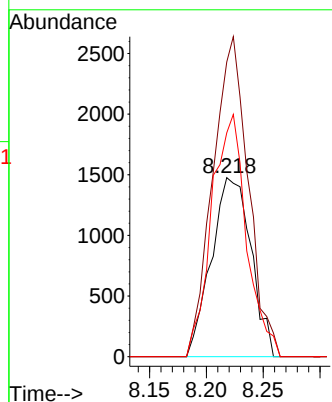
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	3576
Ion Ratio	Lower	Upper	
56	100		
69	164.7	26.9	40.3#
84	125.1	69.2	103.8#



#33

1,2-Dichloroethane-d4

Concen: 56.406 ug/l

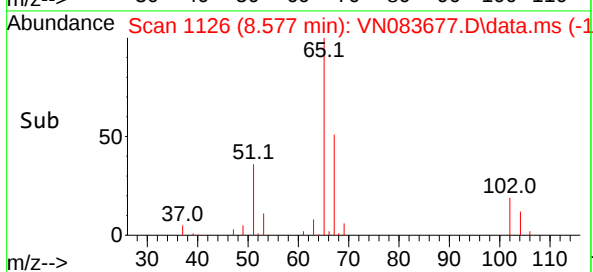
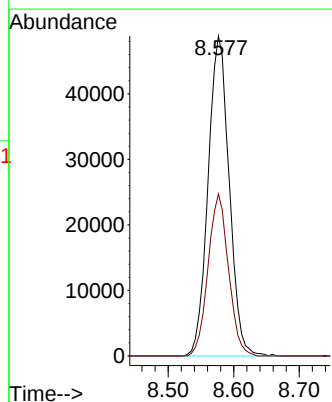
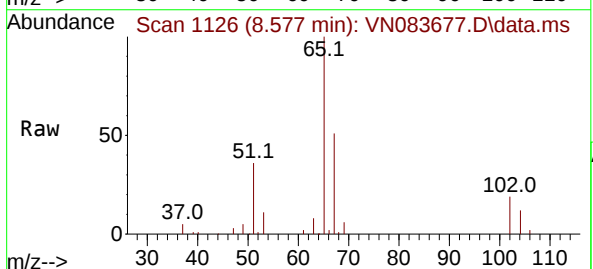
RT: 8.577 min Scan# 1126

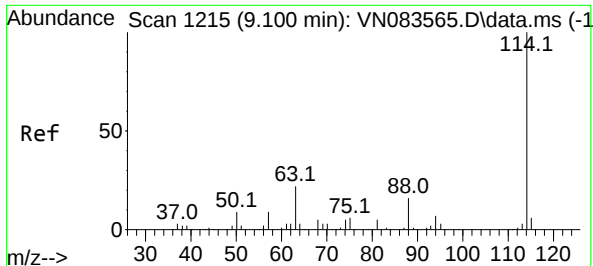
Delta R.T. 0.000 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

Tgt Ion:	65	Resp:	109047
Ion Ratio	Lower	Upper	
65	100		
67	49.0	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

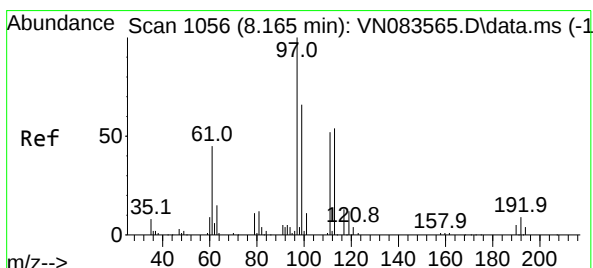
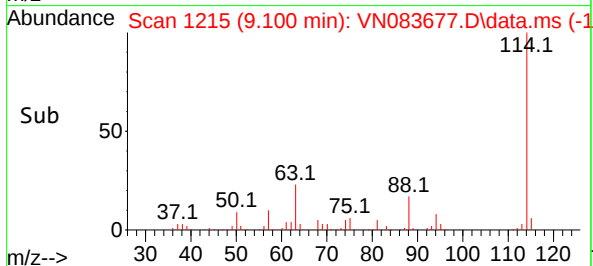
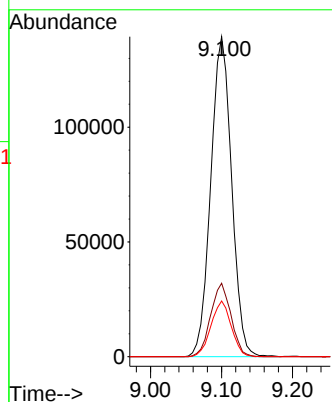
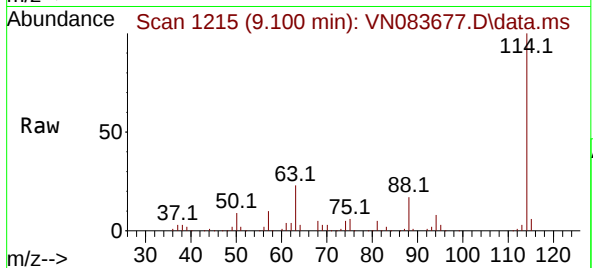
Tgt Ion:114 Resp: 284202

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.545 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

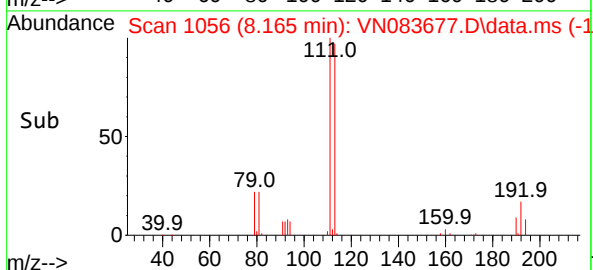
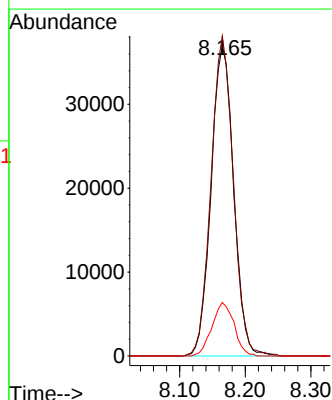
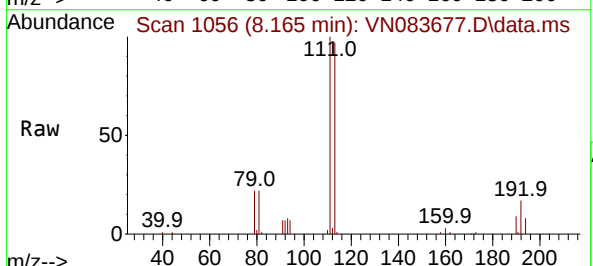
Tgt Ion:113 Resp: 88170

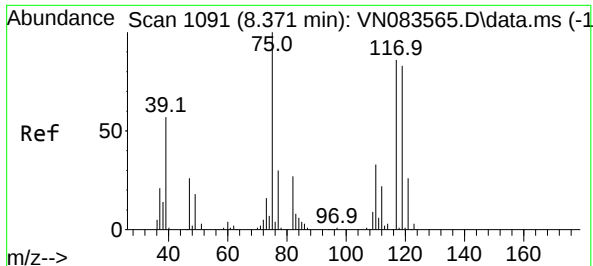
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.033 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083677.D

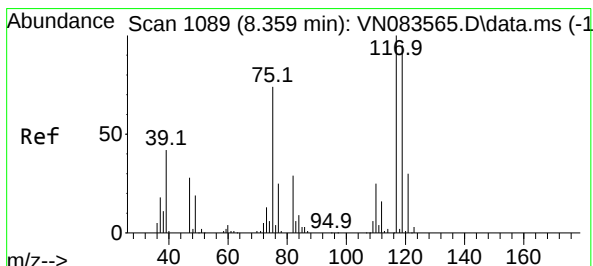
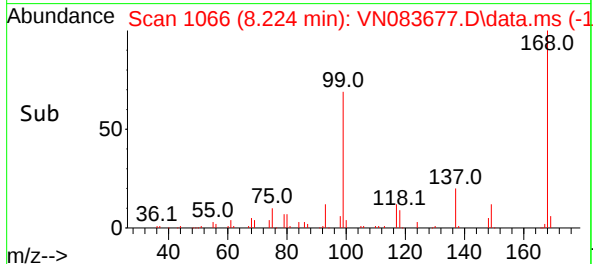
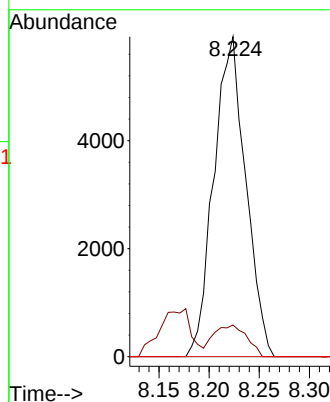
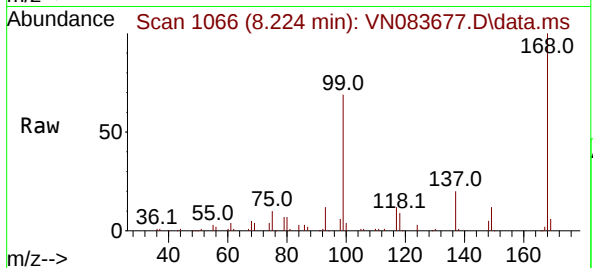
Acq: 05 Sep 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 13131
Ion Ratio	Lower Upper
75	100
110	10.2 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.325 ug/l

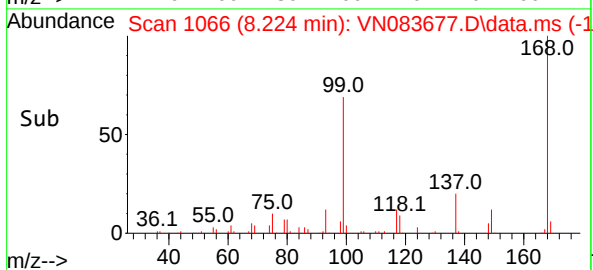
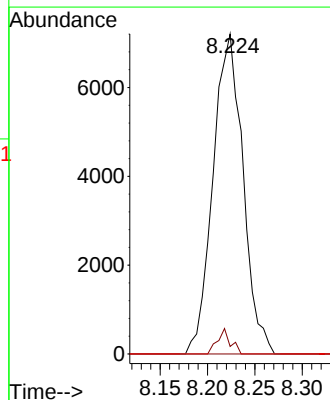
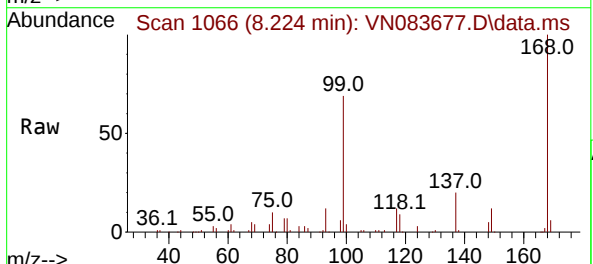
RT: 8.224 min Scan# 1066

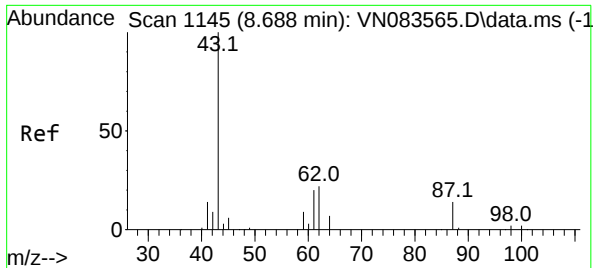
Delta R.T. -0.135 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

Tgt Ion: 117	Resp: 15852
Ion Ratio	Lower Upper
117	100
119	2.4 76.1 114.1#
121	0.0 24.1 36.1#

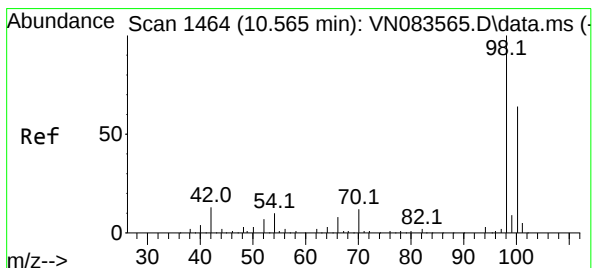
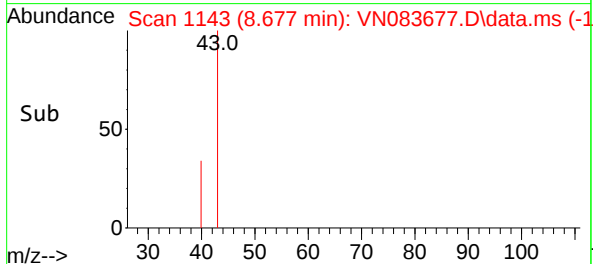
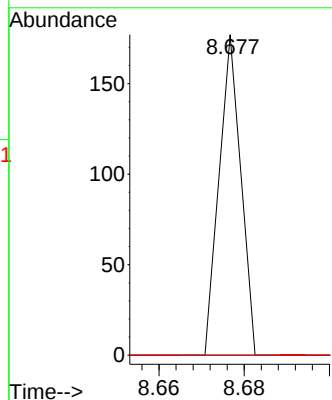
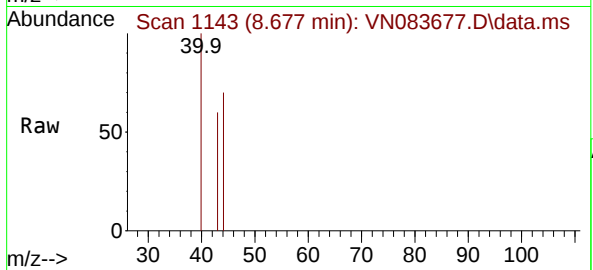




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

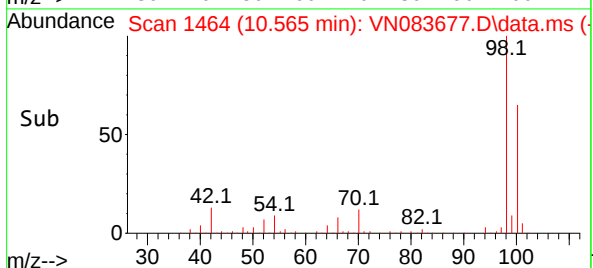
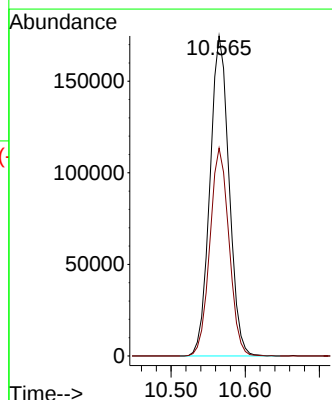
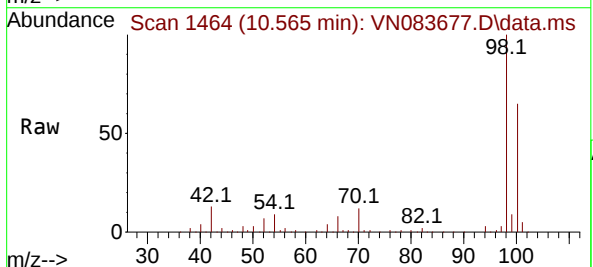
Instrument :
MSVOA_N
ClientSampleId :

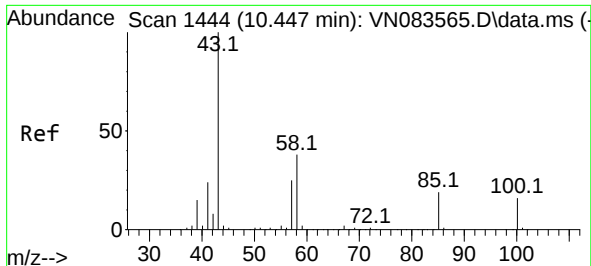
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 47.051 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Tgt Ion: 98 Resp: 313314
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.664 ug/l

RT: 10.571 min Scan# 1444

Delta R.T. 0.124 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

Instrument :

MSVOA_N

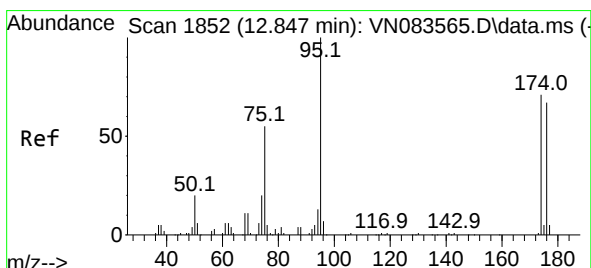
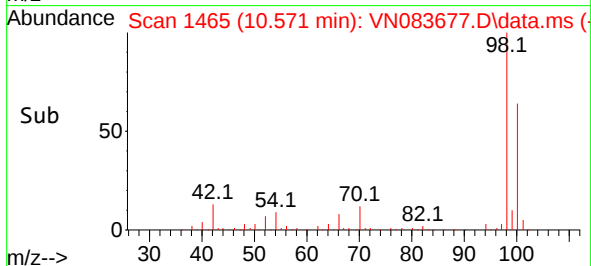
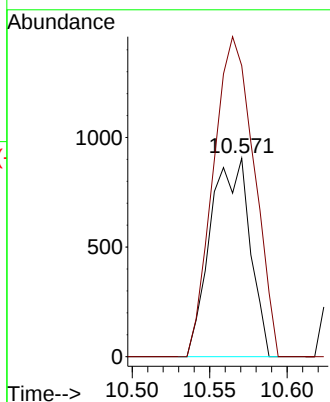
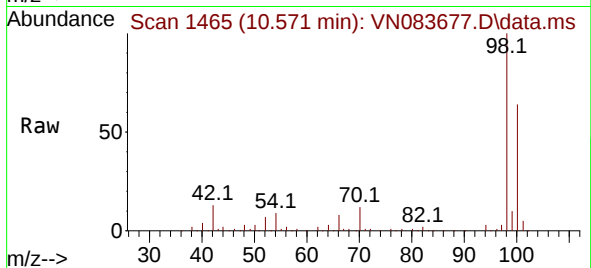
ClientSampleId :

Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

43 100

58 167.2 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 59.933 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

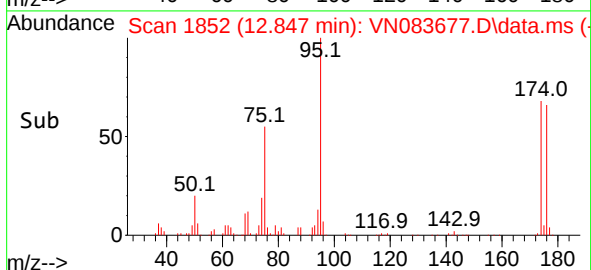
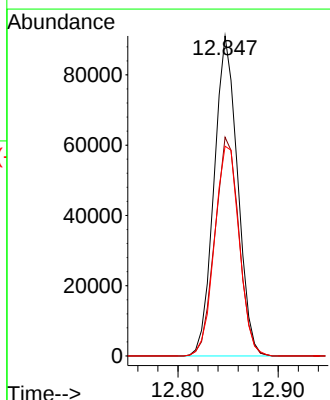
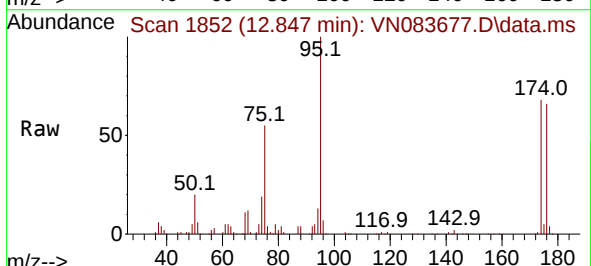
Tgt Ion: 95 Resp: 147890

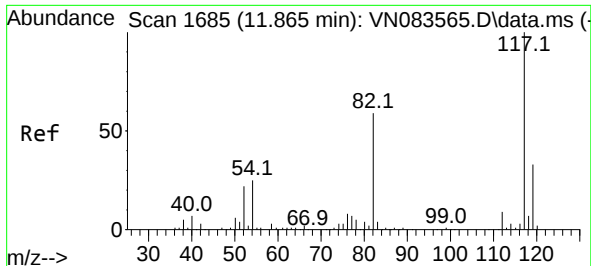
Ion Ratio Lower Upper

95 100

174 70.2 0.0 139.8

176 69.0 0.0 131.4

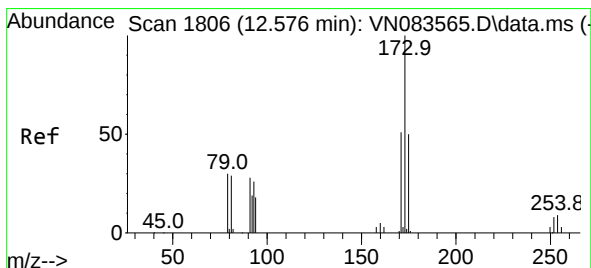
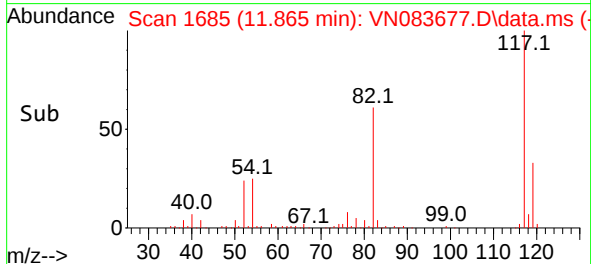
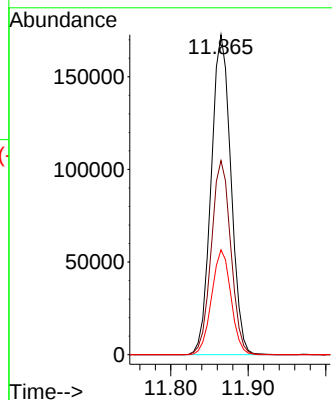
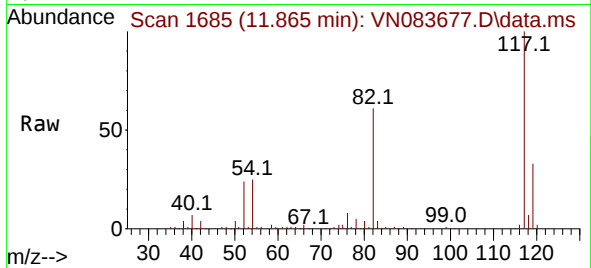




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

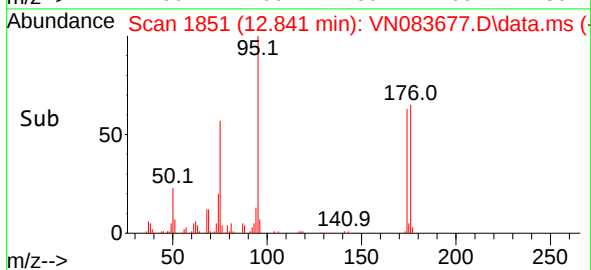
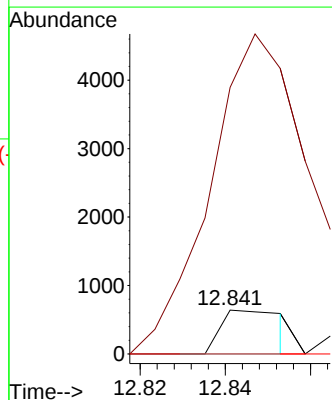
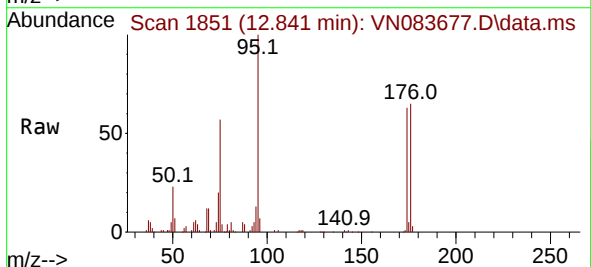
Instrument :
MSVOA_N
ClientSampleId :

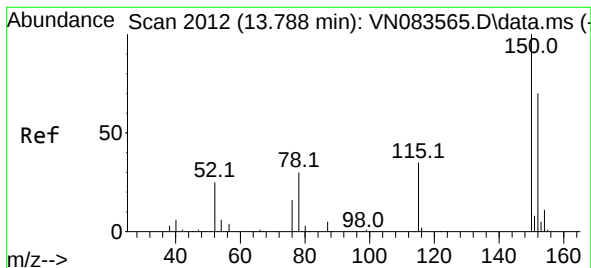
Tgt Ion:117 Resp: 306787
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.8 26.3 39.5



#71
Bromoform
Concen: 0.394 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Tgt Ion:173 Resp: 652
Ion Ratio Lower Upper
173 100
175 876.2 24.1 72.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

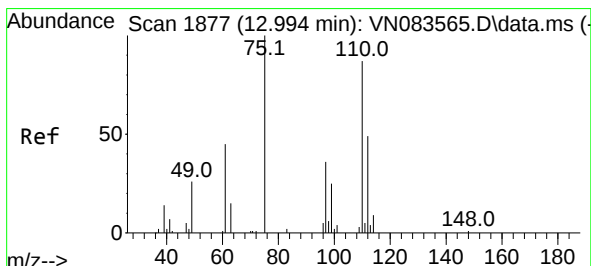
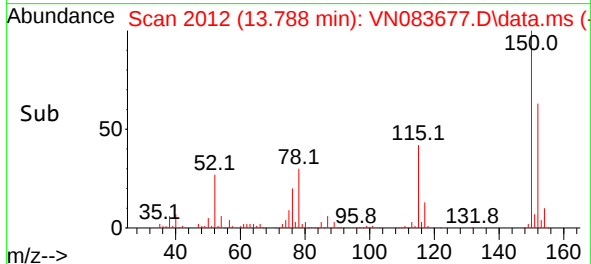
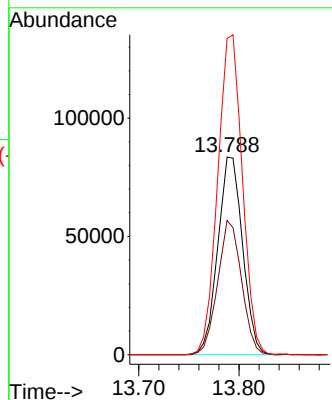
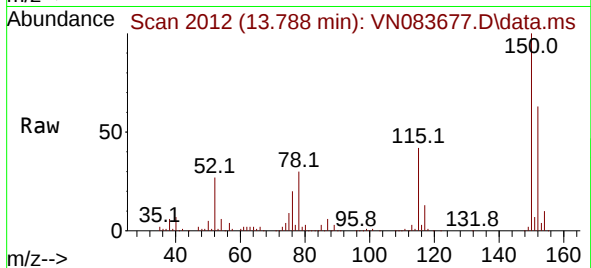
Tgt Ion:152 Resp: 143268

Ion Ratio Lower Upper

152 100

115 65.3 32.2 96.6

150 161.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 28.659 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083677.D

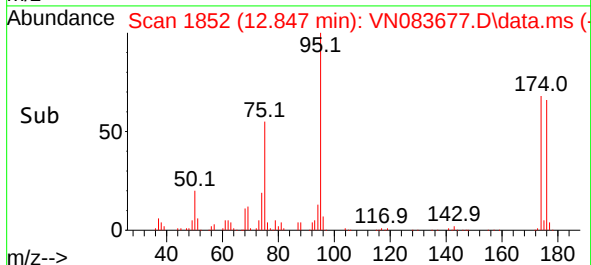
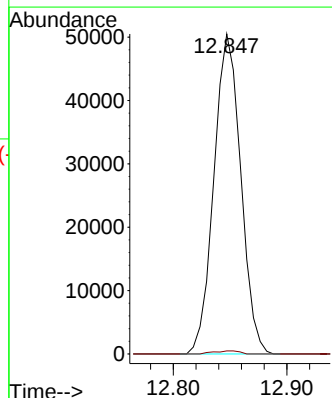
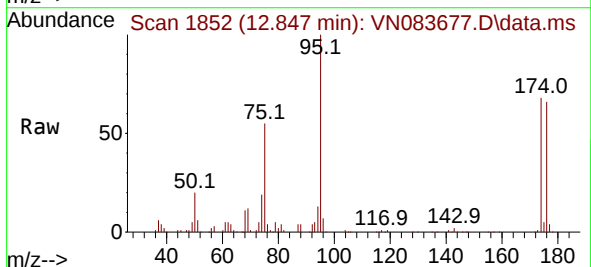
Acq: 05 Sep 2024 15:50

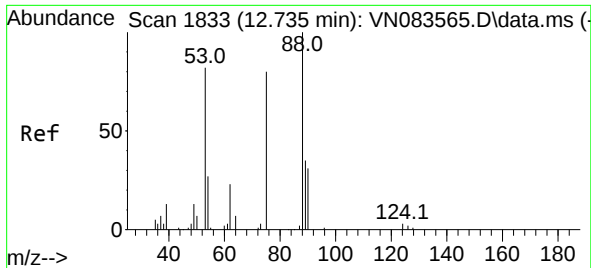
Tgt Ion: 75 Resp: 82898

Ion Ratio Lower Upper

75 100

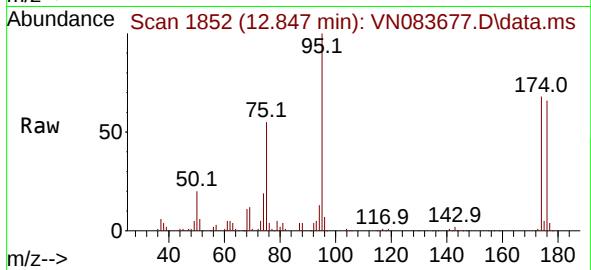
77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.595 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 82898
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

