

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083890.D
 Acq On : 14 Sep 2024 15:08
 Operator : JC\MD
 Sample : P3957-16RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 01:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

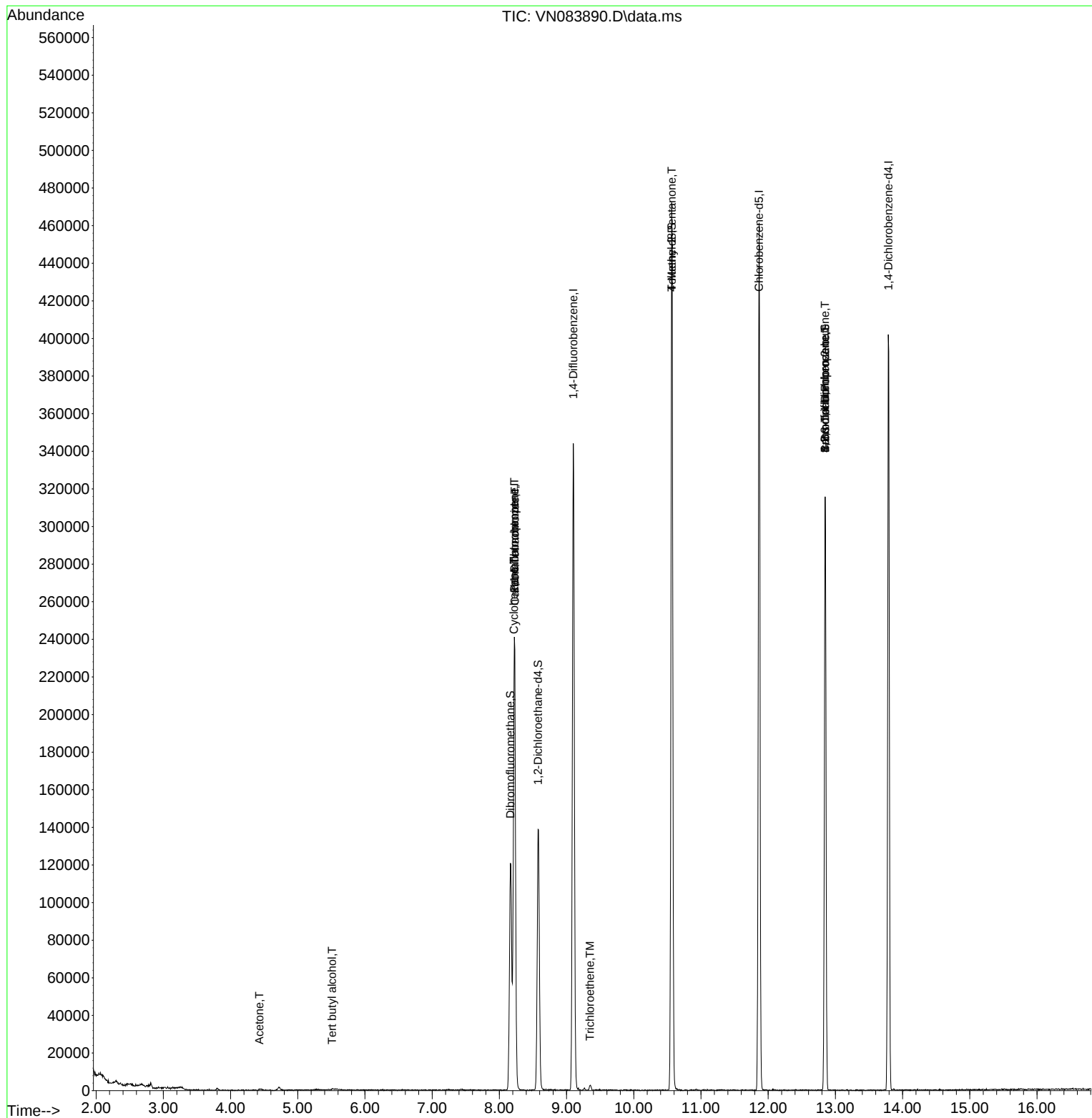
Internal Standards						
1) Pentafluorobenzene	8.224	168	164091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118102	47.732	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.460%
35) Dibromofluoromethane	8.165	113	86437	47.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	10.565	98	312023	49.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.847	95	107657	41.748	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1045	Below Cal	#	78
11) Tert butyl alcohol	5.512	59	394	1.189	ug/l #	71
16) Acetone	4.430	43	595	0.600	ug/l #	45
18) Methyl Acetate	4.753	43	65	Below Cal	#	52
31) Cyclohexane	8.218	56	4776	1.336	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	15972	5.869	ug/l #	49
38) Carbon Tetrachloride	8.229	117	18809	6.092	ug/l #	17
44) Trichloroethene	9.347	130	1038	0.547	ug/l	85
51) 4-Methyl-2-Pentanone	10.565	43	1438	0.590	ug/l #	1
71) Bromoform	12.847	173	687	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61410	30.694	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61410	80.388	ug/l #	9

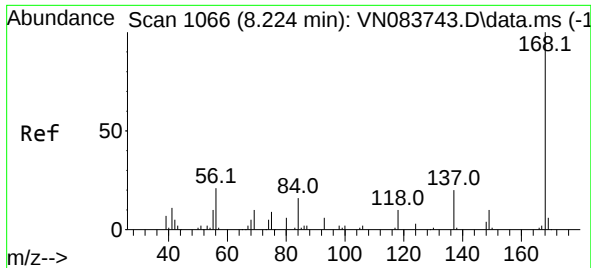
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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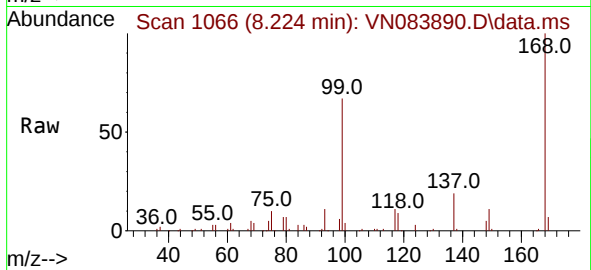
Quant Time: Sep 16 01:36:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



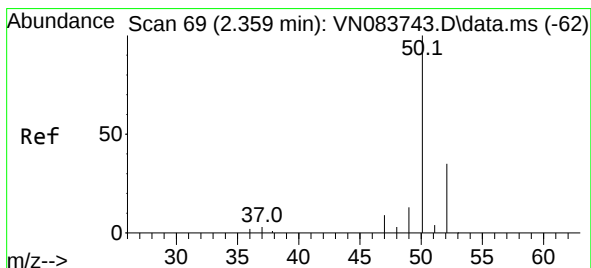
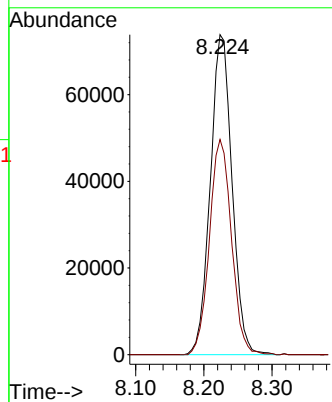
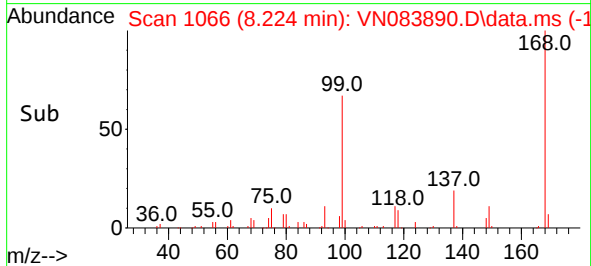


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

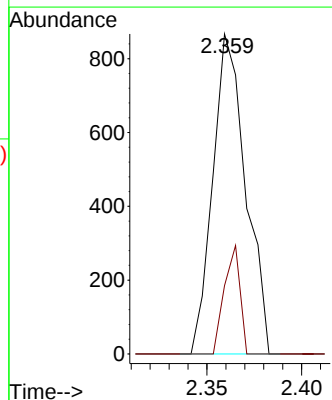
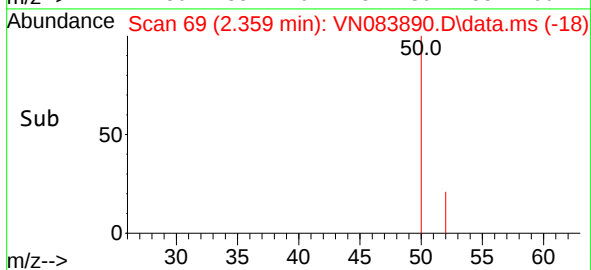
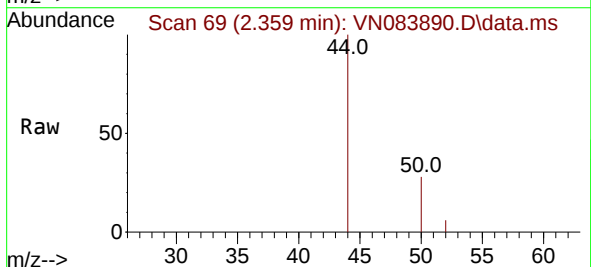


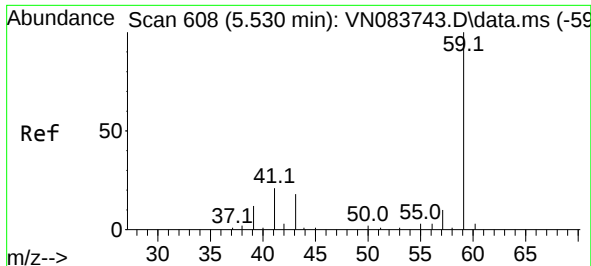
Tgt Ion:168 Resp: 164091
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

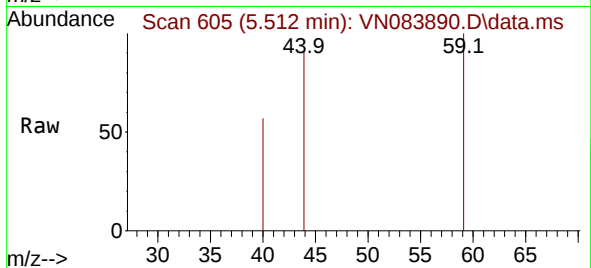
Tgt Ion: 50 Resp: 1045
Ion Ratio Lower Upper
50 100
52 21.3 27.2 40.8#



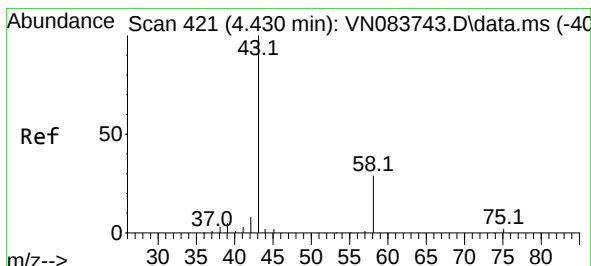
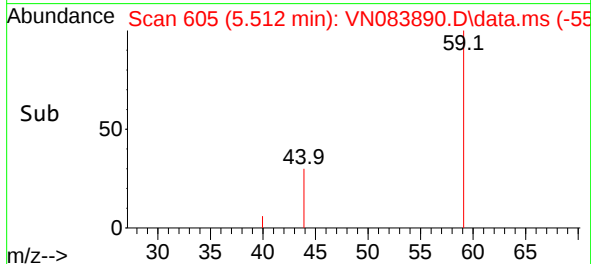
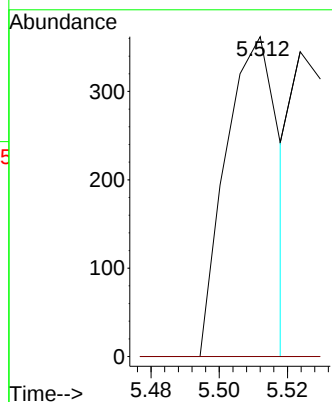


#11
Tert butyl alcohol
Concen: 1.189 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

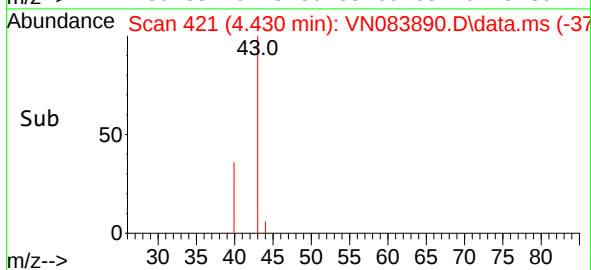
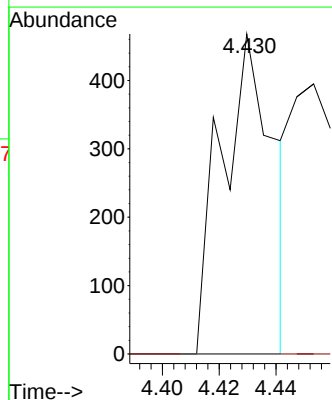
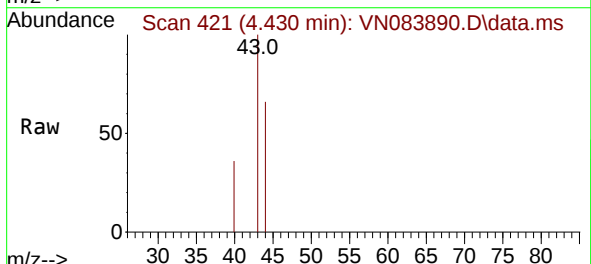


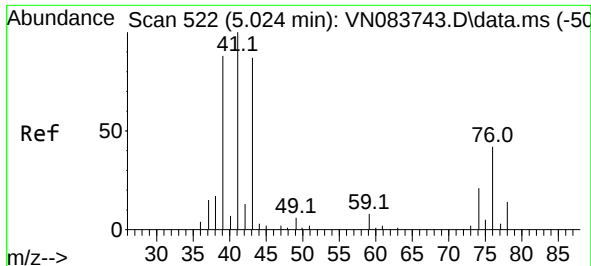
Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.600 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

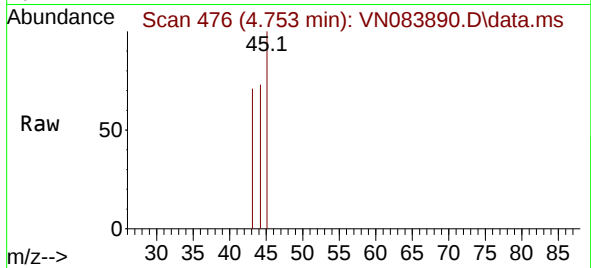
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



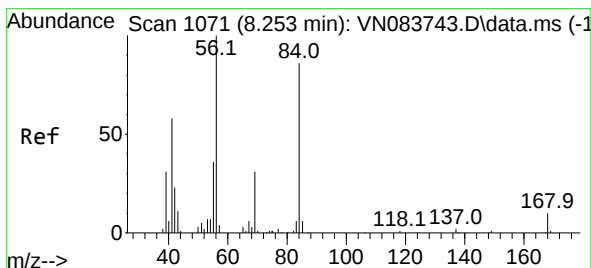
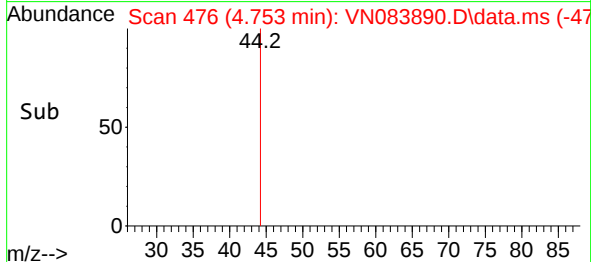
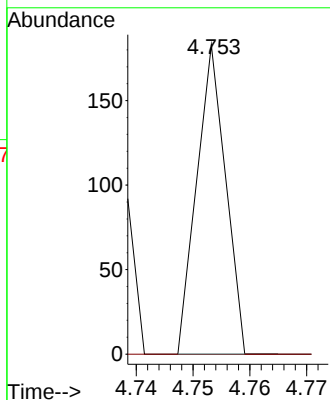


#18
Methyl Acetate
Concen: Below Cal
RT: 4.753 min Scan# 41
Delta R.T. -0.271 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

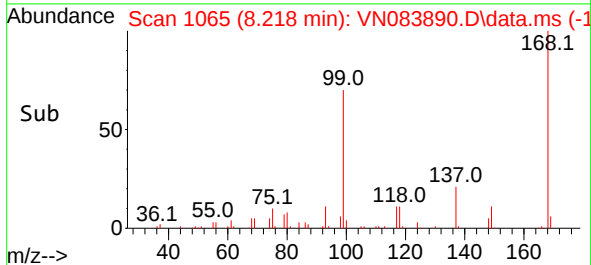
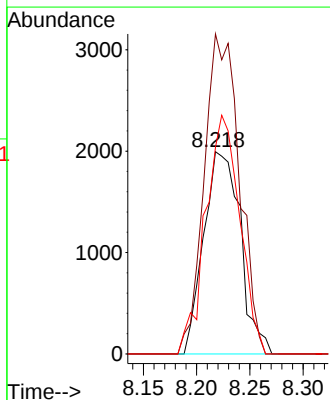
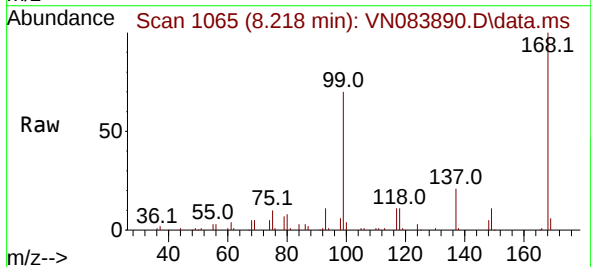


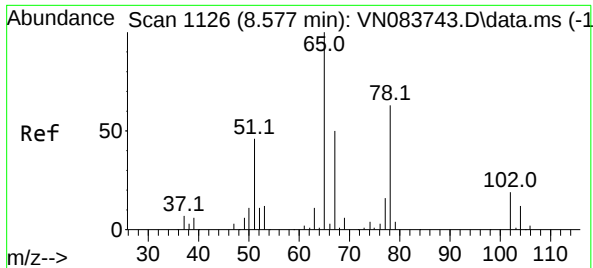
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.336 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Tgt Ion: 56 Resp: 4776
Ion Ratio Lower Upper
56 100
69 158.3 26.9 40.3#
84 102.3 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 47.732 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

Instrument :

MSVOA_N

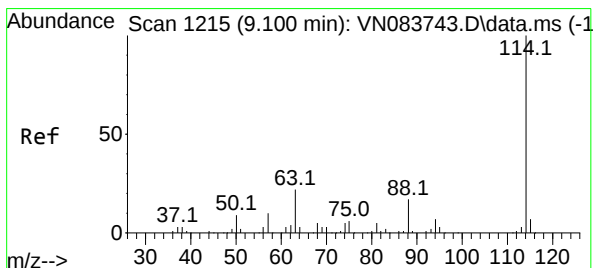
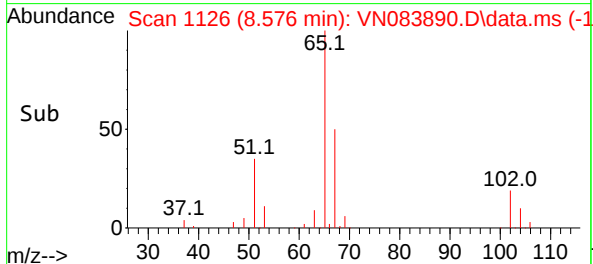
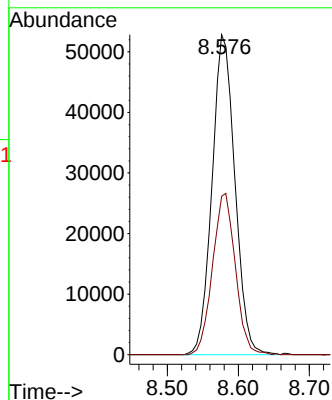
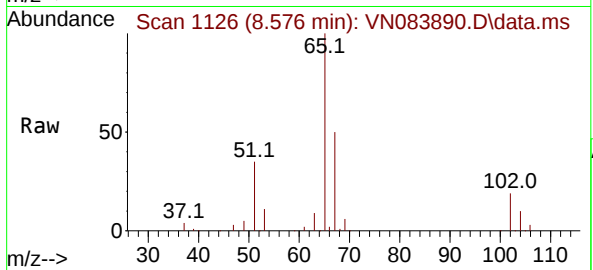
ClientSampleId :

Tgt Ion: 65 Resp: 118102

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

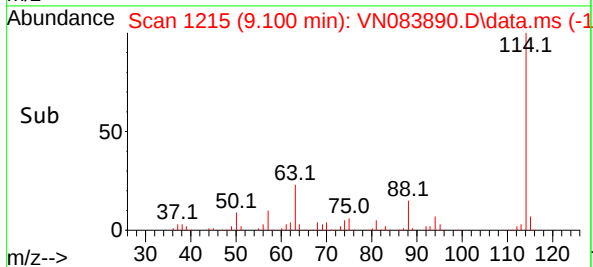
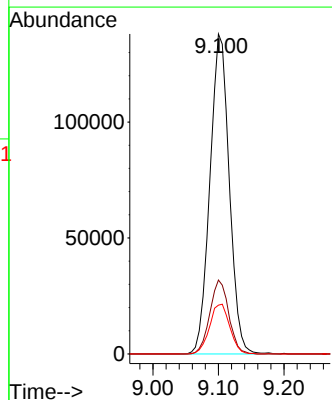
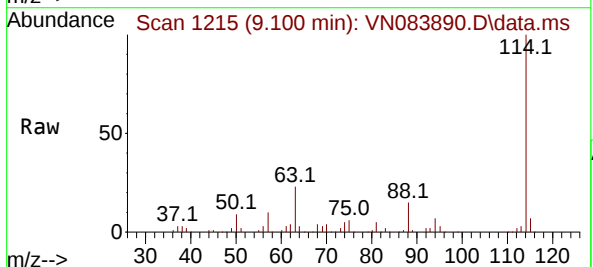
Tgt Ion: 114 Resp: 282417

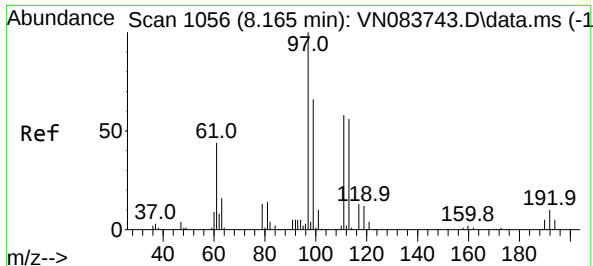
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 15.3 0.0 32.6

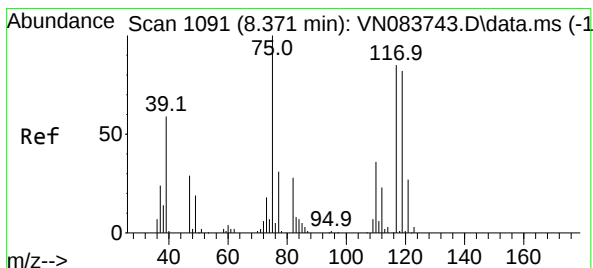
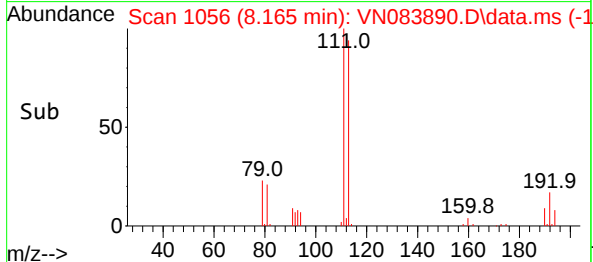
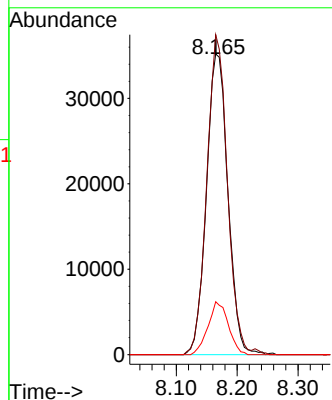
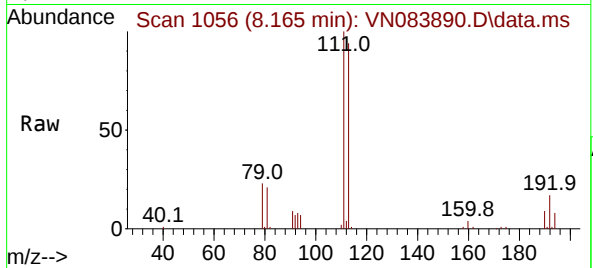




#35
Dibromofluoromethane
Concen: 47.808 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

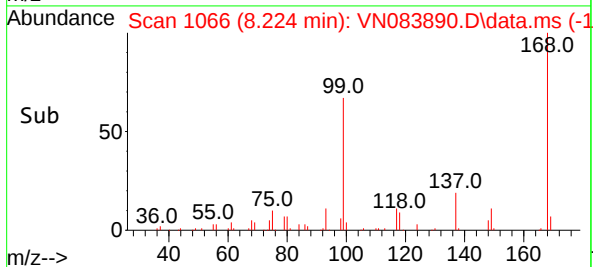
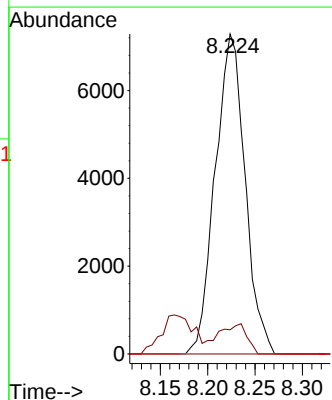
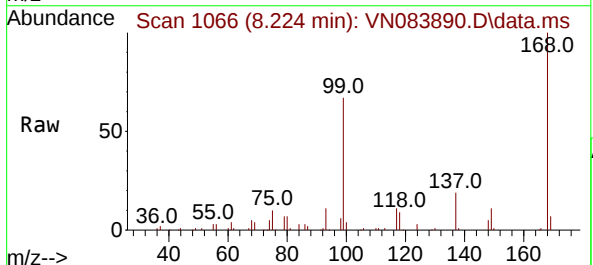
Instrument :
MSVOA_N
ClientSampleId :

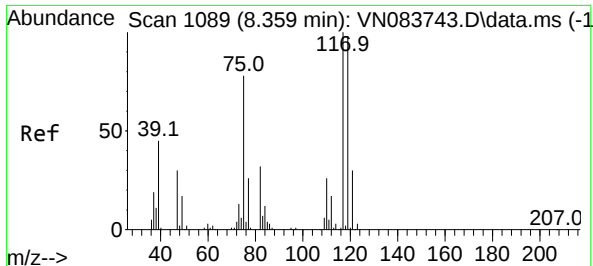
Tgt Ion:113 Resp: 86437
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 16.7 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.869 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

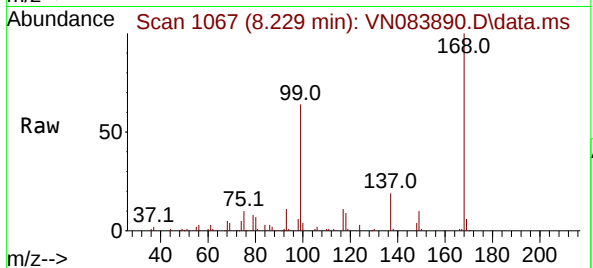
Tgt Ion: 75 Resp: 15972
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.1#
77 0.0 25.2 37.8#



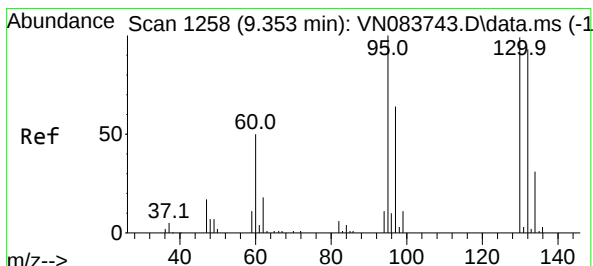
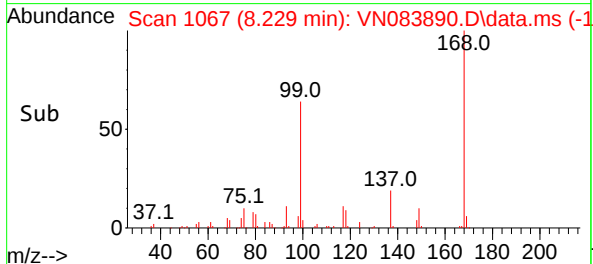
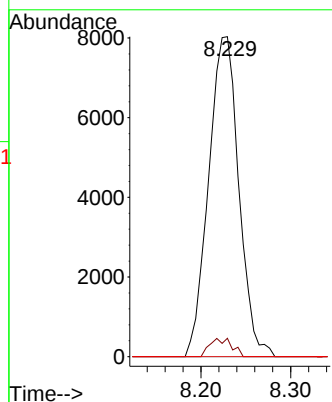


#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.130 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

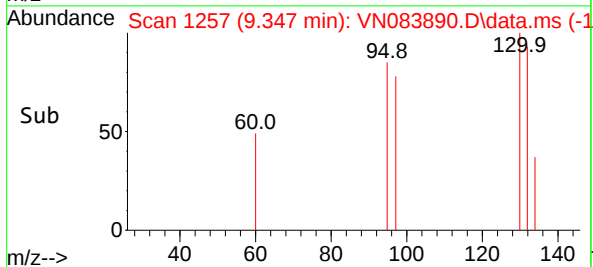
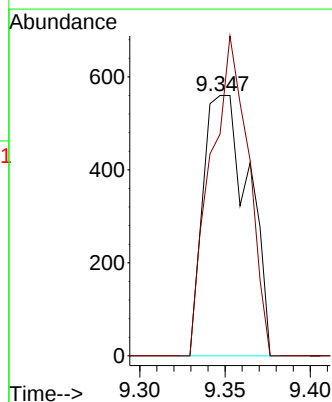
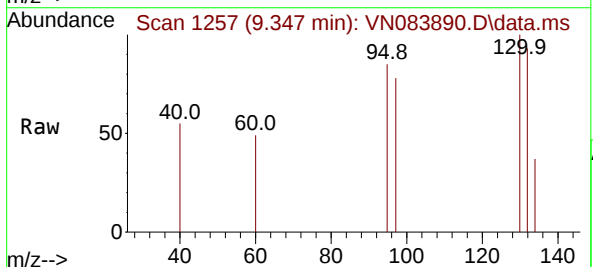


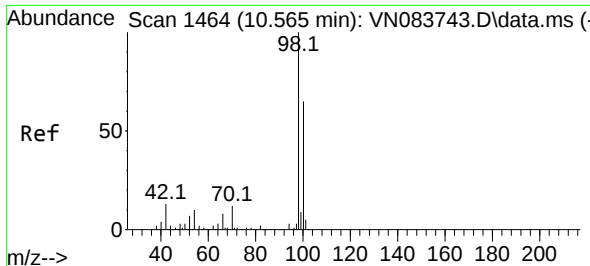
Tgt Ion:117 Resp: 18809
Ion Ratio Lower Upper
117 100
119 5.8 76.1 114.1#
121 0.0 24.1 36.1#



#44
Trichloroethene
Concen: 0.547 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Tgt Ion:130 Resp: 1038
Ion Ratio Lower Upper
130 100
95 85.2 0.0 200.4

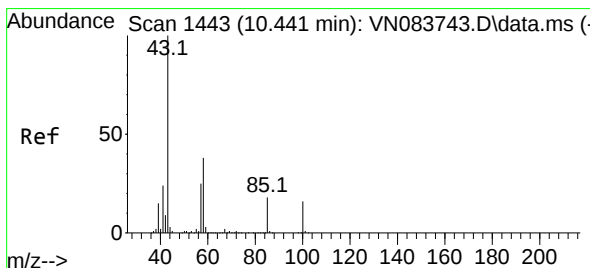
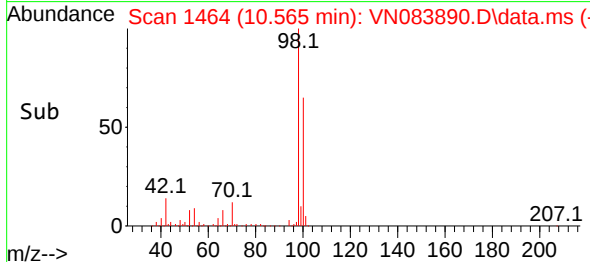
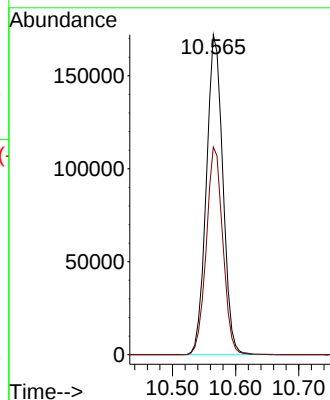
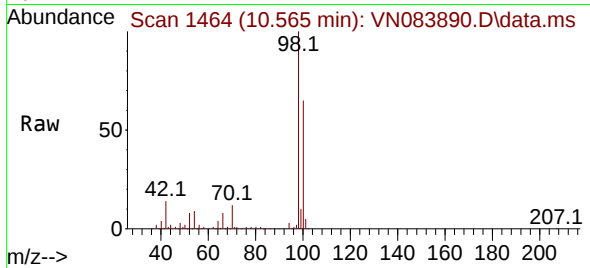




#50
Toluene-d8
Concen: 49.921 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

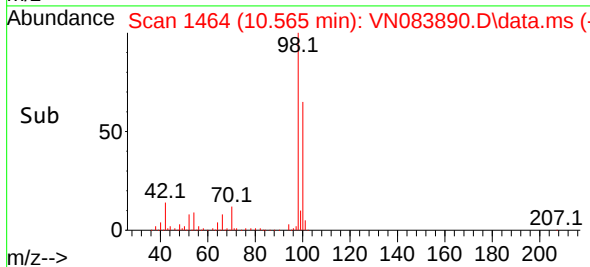
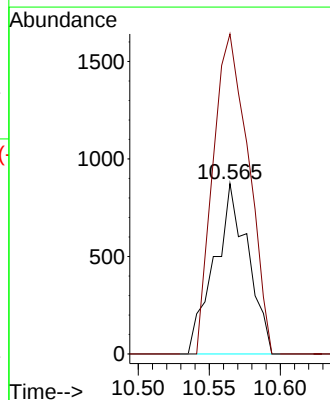
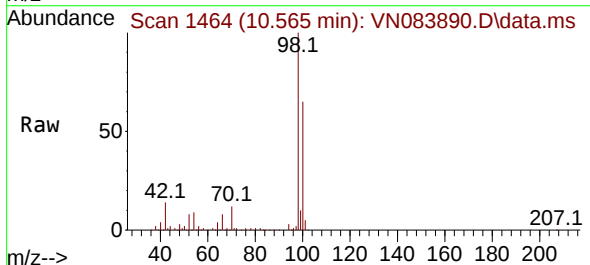
Instrument :
MSVOA_N
ClientSampleId :

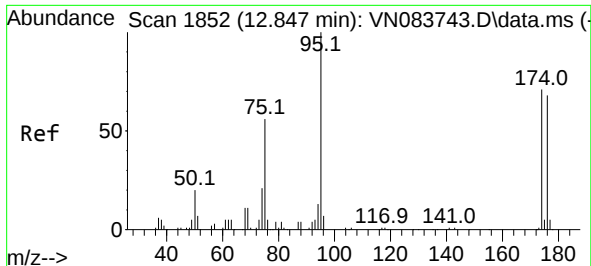
Tgt Ion: 98 Resp: 312023
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Tgt Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
58 198.1 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 41.748 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

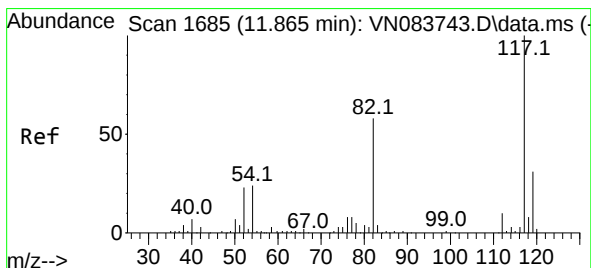
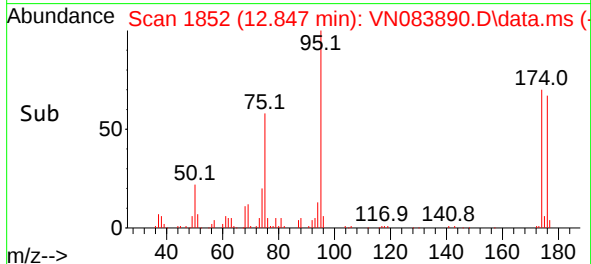
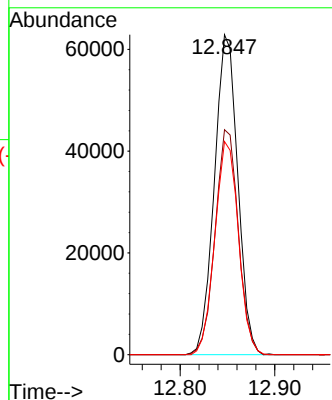
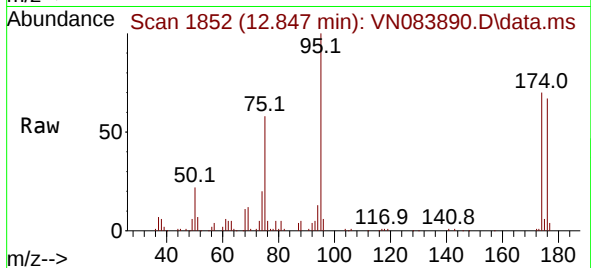
Tgt Ion: 95 Resp: 107657

Ion Ratio Lower Upper

95 100

174 70.0 0.0 139.8

176 67.3 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN083890.D

Acq: 14 Sep 2024 15:08

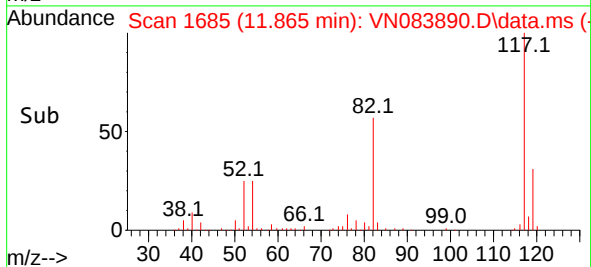
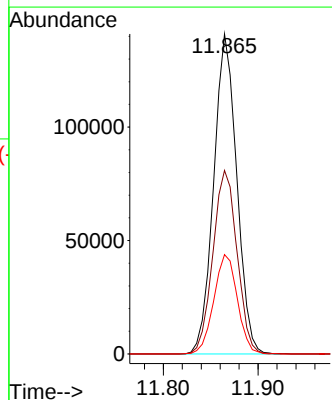
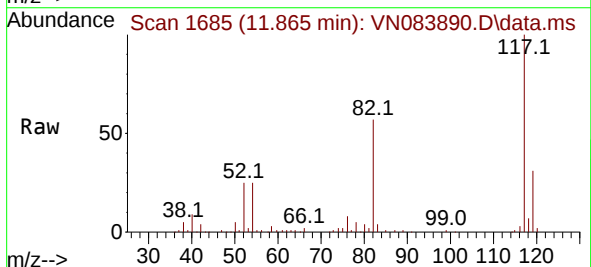
Tgt Ion: 117 Resp: 238634

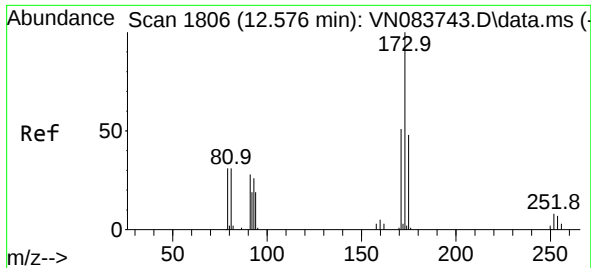
Ion Ratio Lower Upper

117 100

82 57.3 47.4 71.0

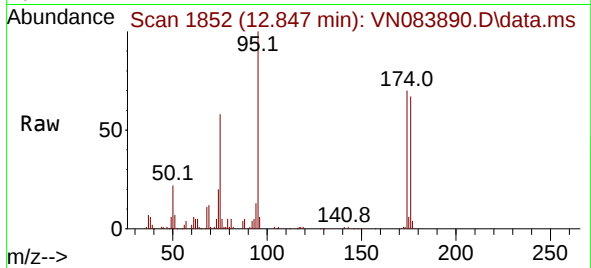
119 31.1 26.3 39.5



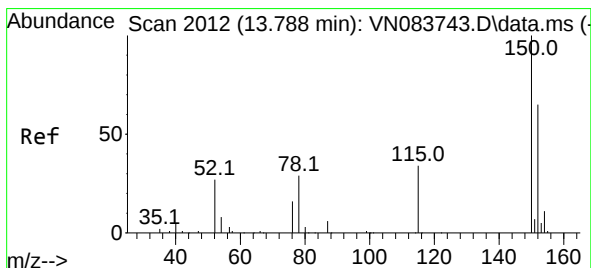
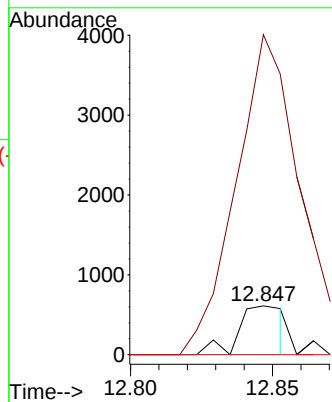
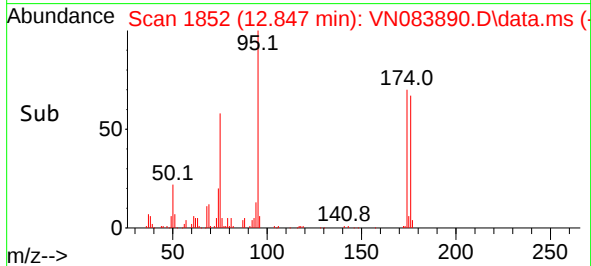


#71
Bromoform
Concen: 0.554 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

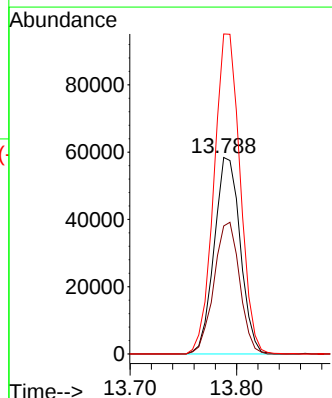
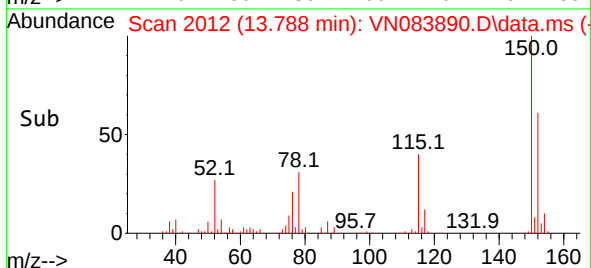
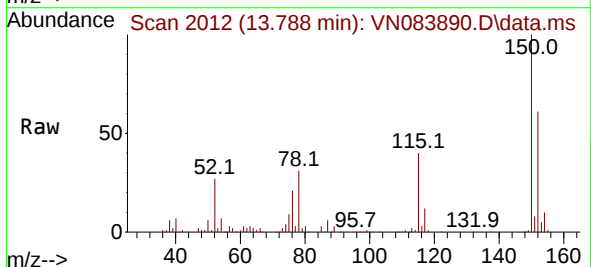


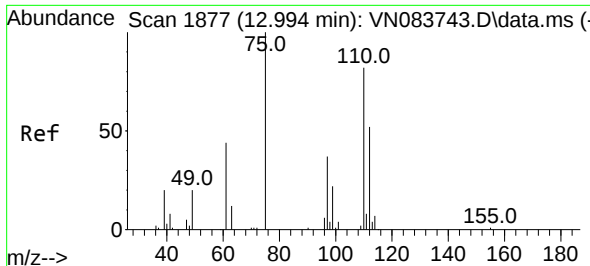
Tgt Ion:173 Resp: 687
Ion Ratio Lower Upper
173 100
175 678.5 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Tgt Ion:152 Resp: 99155
Ion Ratio Lower Upper
152 100
115 66.1 32.2 96.6
150 163.3 0.0 348.6

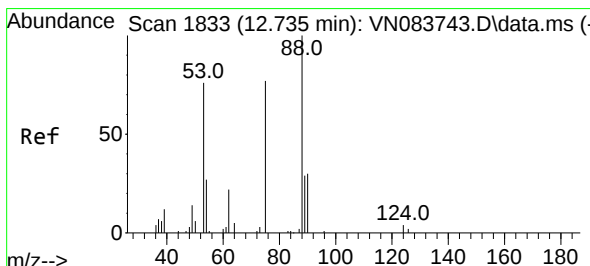
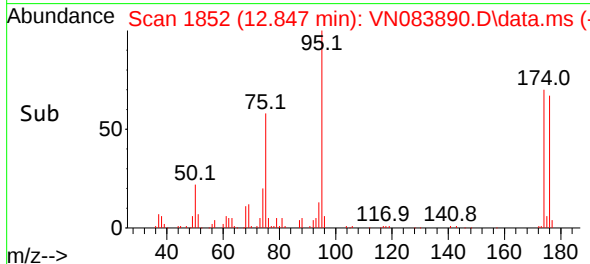
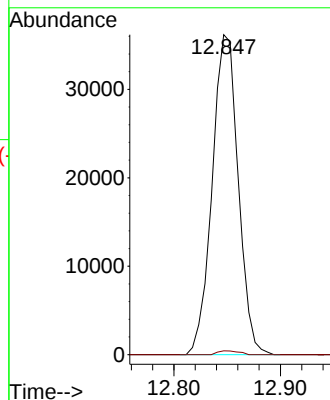
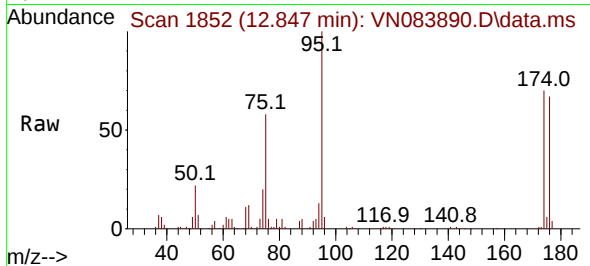




#76
1,2,3-Trichloropropane
Concen: 30.694 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 61410
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.388 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083890.D
Acq: 14 Sep 2024 15:08

Tgt Ion: 75 Resp: 61410
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

