

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083602.D
 Acq On : 31 Aug 2024 08:09
 Operator : JC\MD
 Sample : P3769-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:00:58 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)

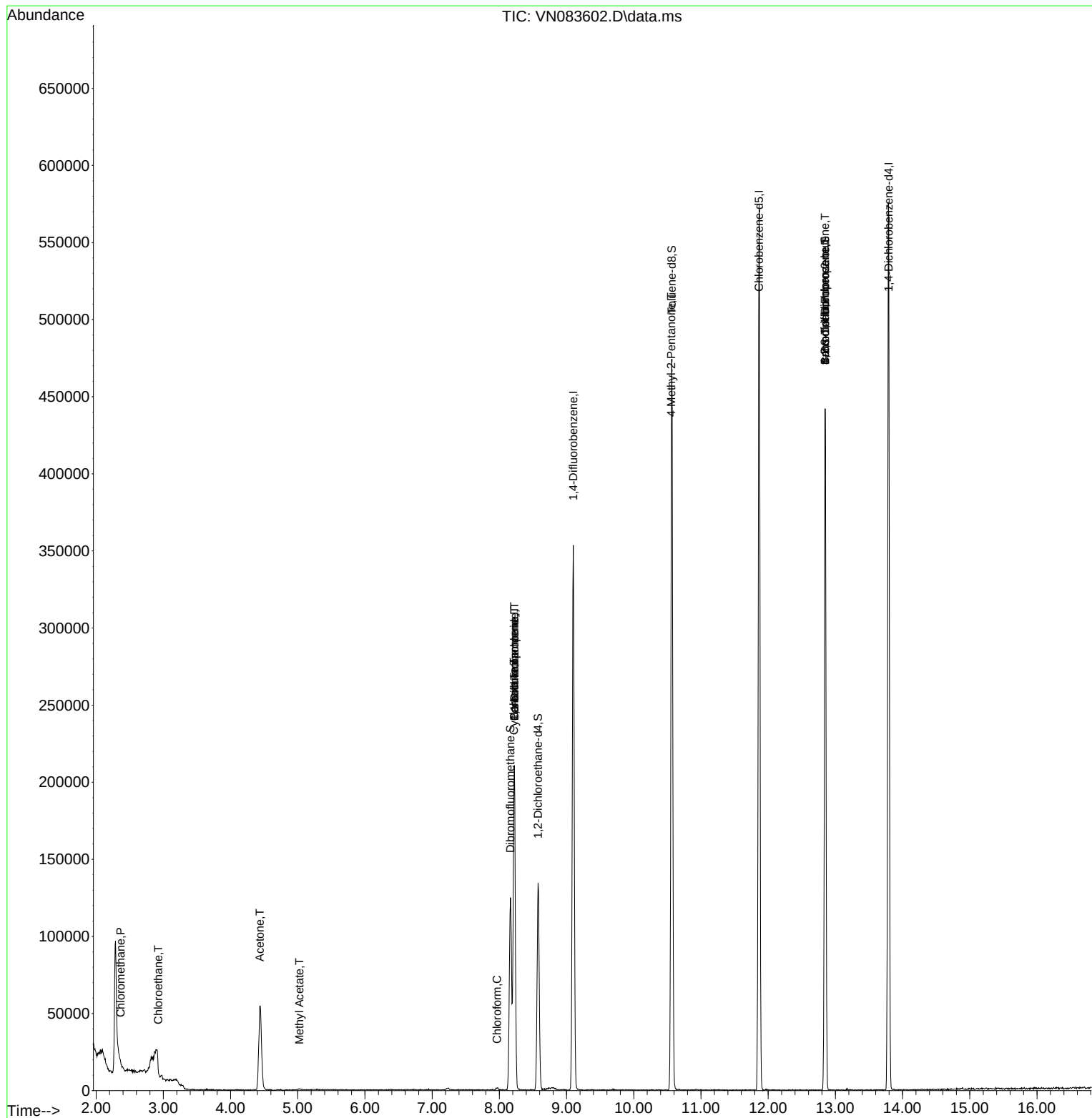
Internal Standards						
1) Pentafluorobenzene	8.224	168	143122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	113368	56.676	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.360%	
35) Dibromofluoromethane	8.165	113	88625	50.654	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	10.565	98	323135	47.433	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.860%	
62) 4-Bromofluorobenzene	12.847	95	151721	60.112	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 120.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	902	0.511	ug/l #	41
6) Chloroethane	2.924	64	767	0.665	ug/l #	45
16) Acetone	4.436	43	1601	2.007	ug/l	93
18) Methyl Acetate	5.024	43	1396	0.658	ug/l #	52
30) Chloroform	7.965	83	1593	0.481	ug/l	89
31) Cyclohexane	8.218	56	3838	1.240	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	12879	4.826	ug/l #	44
38) Carbon Tetrachloride	8.224	117	16413	5.390	ug/l #	18
43) Isopropyl Acetate	8.700	43	402	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.559	43	1567	0.635	ug/l #	1
71) Bromoform	12.847	173	562	0.331	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	84948	28.186	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84948	66.479	ug/l #	9

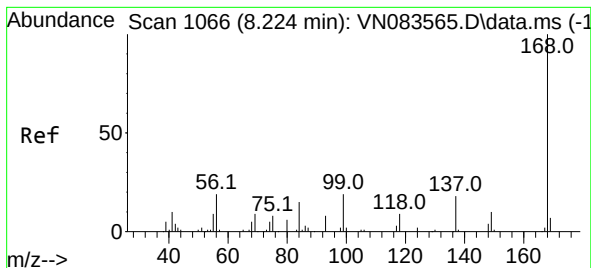
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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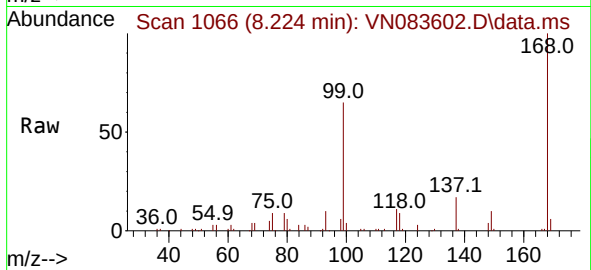
Quant Time: Sep 02 01:00:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
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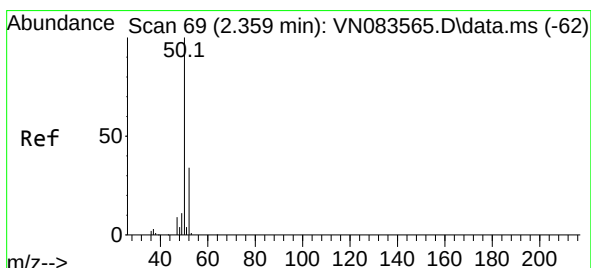
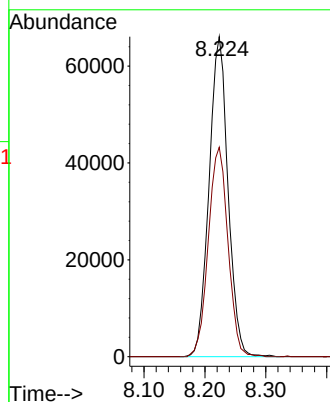
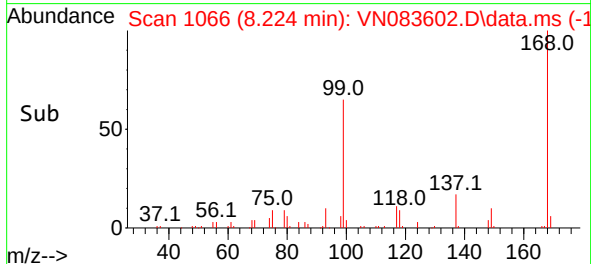


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Instrument :
MSVOA_N
ClientSampleId :

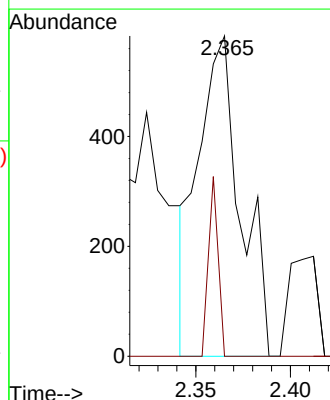
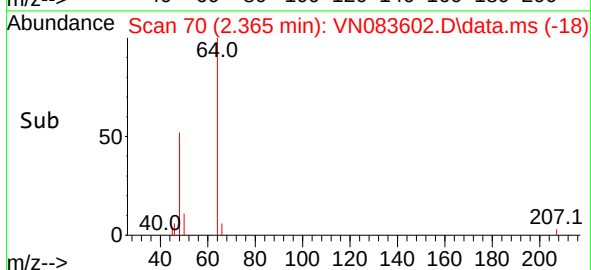
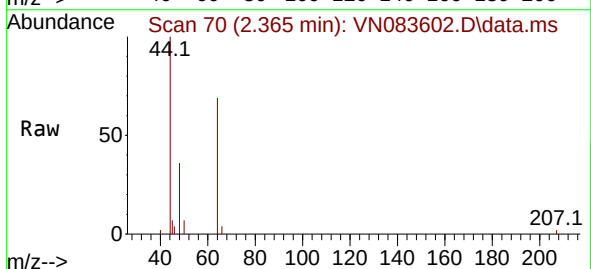


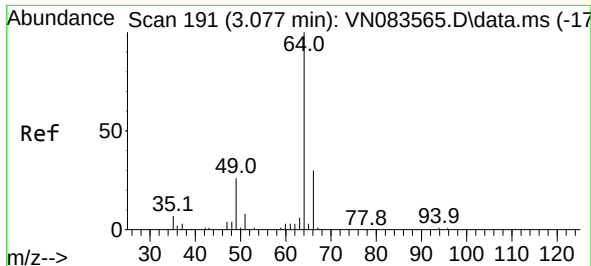
Tgt Ion:168 Resp: 143122
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2



#3
Chloromethane
Concen: 0.511 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Tgt Ion: 50 Resp: 902
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

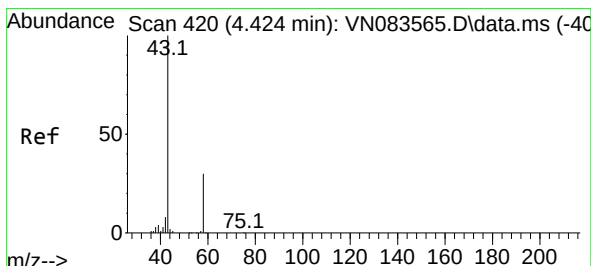
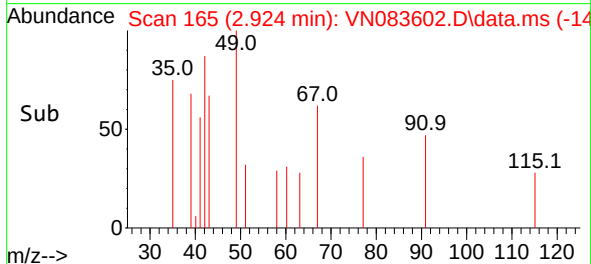
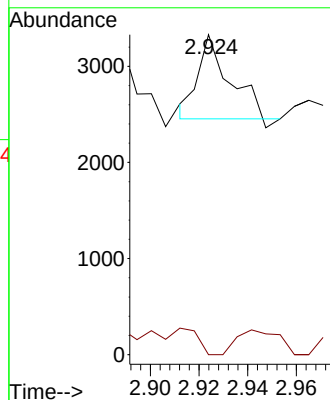
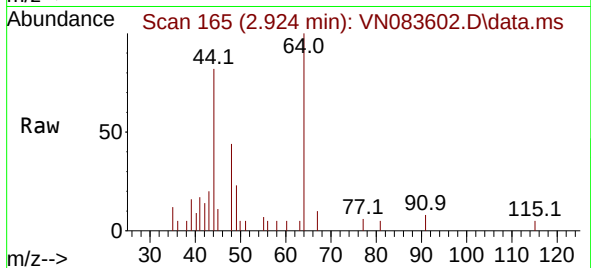




#6
Chloroethane
Concen: 0.665 ug/l
RT: 2.924 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

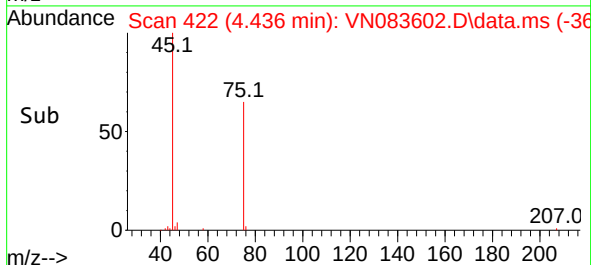
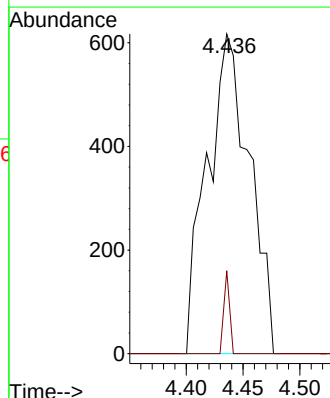
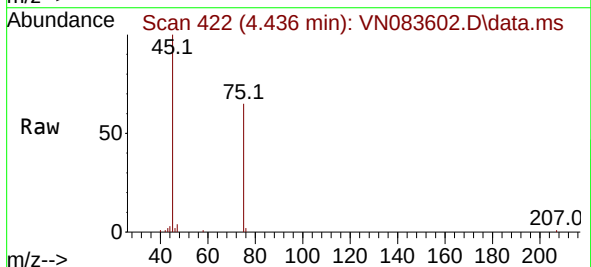
Instrument :
MSVOA_N
ClientSampleId :

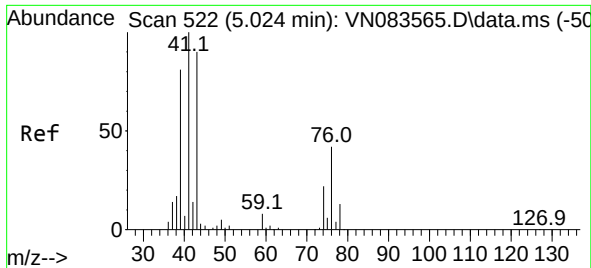
Tgt Ion: 64 Resp: 767
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#16
Acetone
Concen: 2.007 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 25.9 23.7 35.5

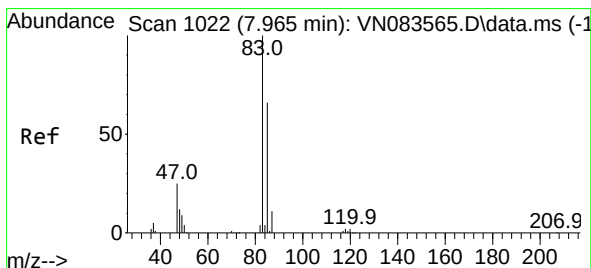
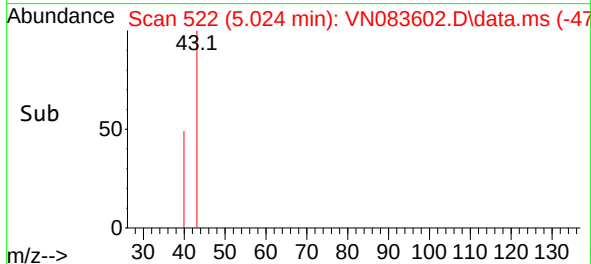
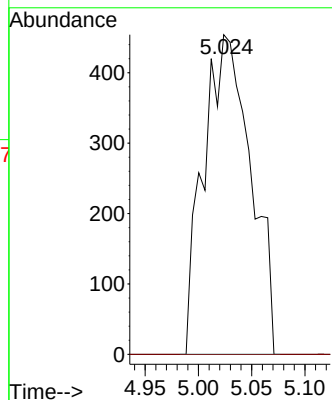
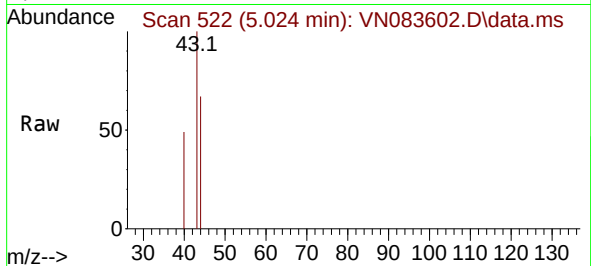




#18
Methyl Acetate
Concen: 0.658 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

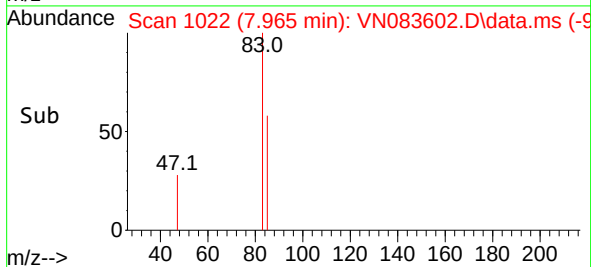
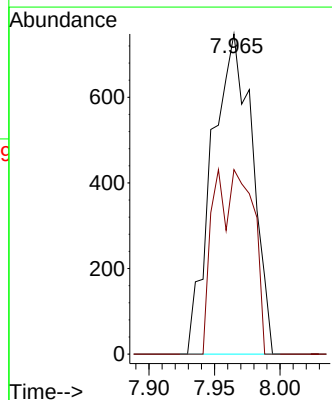
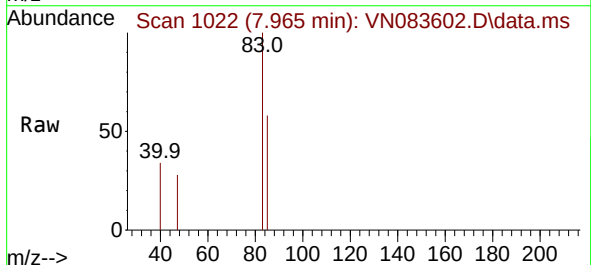
Instrument :
MSVOA_N
ClientSampleId :

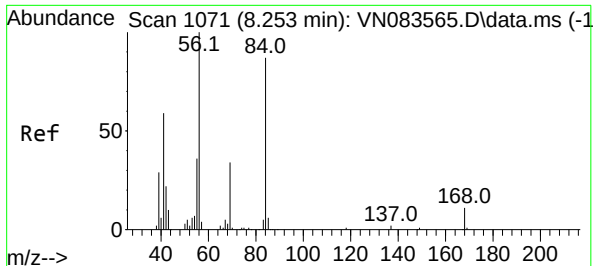
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#30
Chloroform
Concen: 0.481 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Tgt Ion: 83 Resp: 1593
Ion Ratio Lower Upper
83 100
85 57.6 52.8 79.2

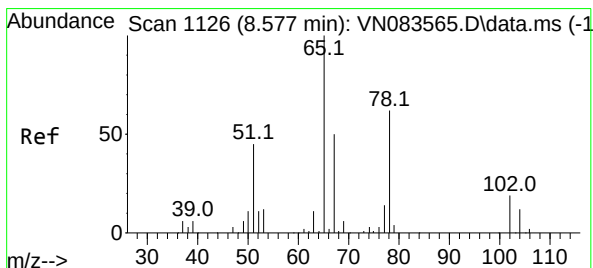
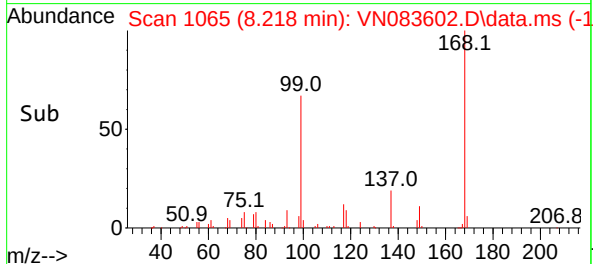
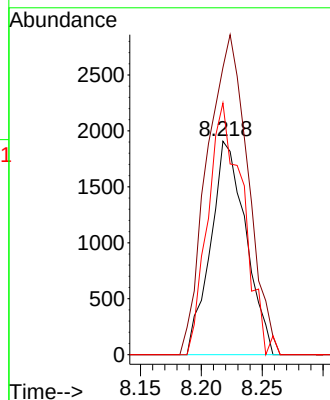
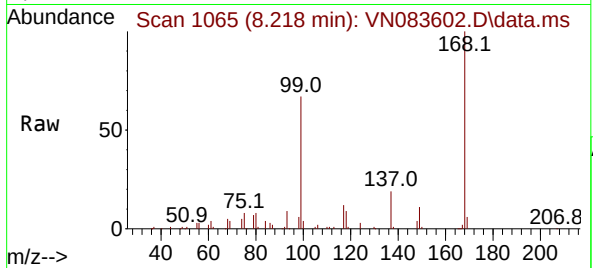




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

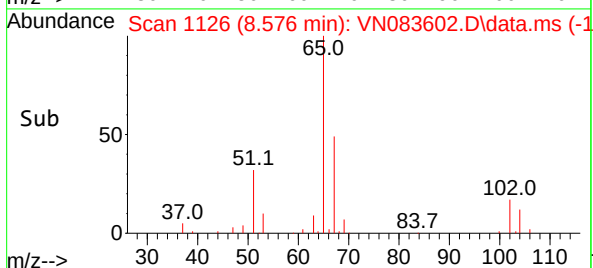
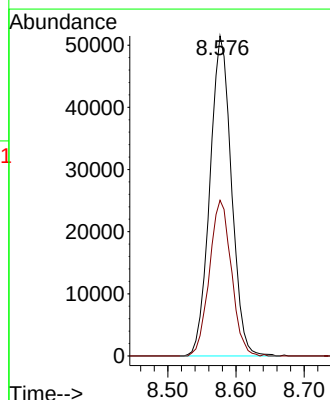
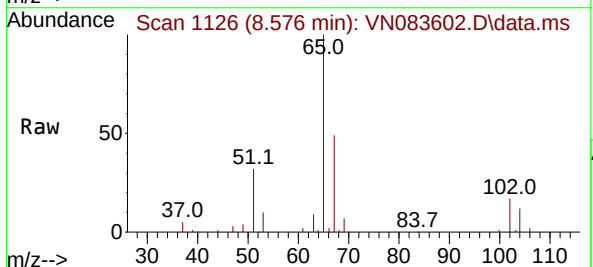
Instrument :
MSVOA_N
ClientSampleId :

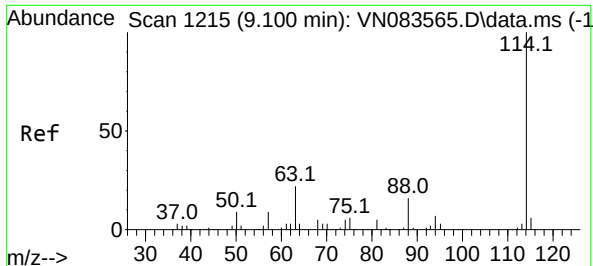
Tgt Ion: 56 Resp: 3838
Ion Ratio Lower Upper
56 100
69 134.5 26.9 40.3#
84 117.9 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 56.676 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Tgt Ion: 65 Resp: 113368
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN083602.D

Acq: 31 Aug 2024 08:09

Instrument :

MSVOA_N

ClientSampleId :

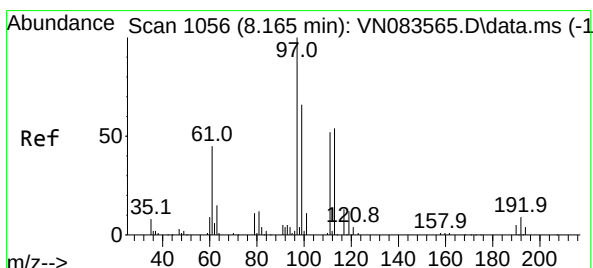
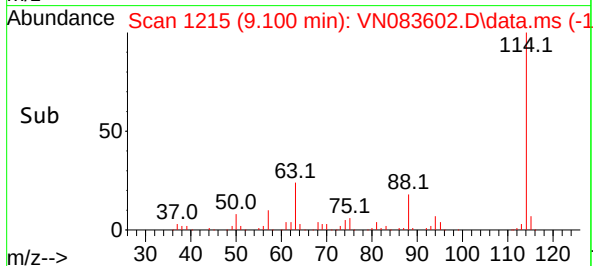
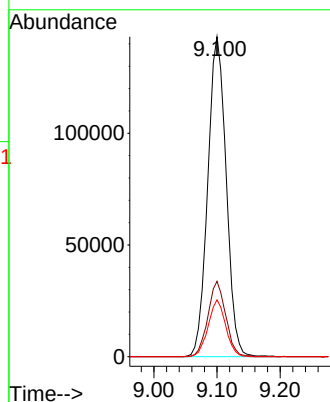
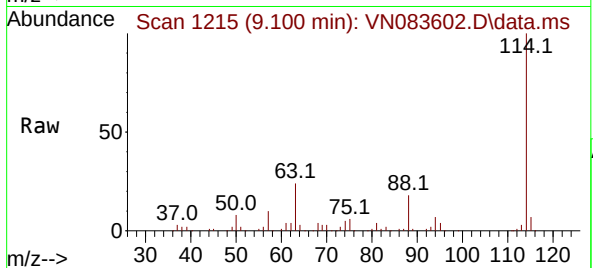
Tgt Ion:114 Resp: 290694

Ion Ratio Lower Upper

114 100

63 23.5 0.0 43.4

88 17.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.654 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083602.D

Acq: 31 Aug 2024 08:09

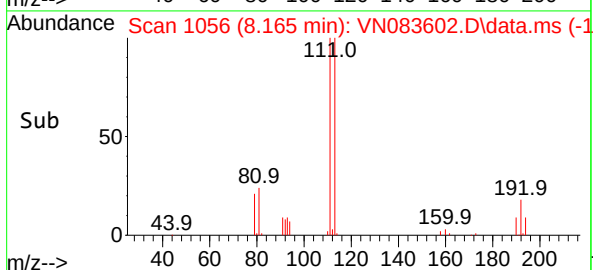
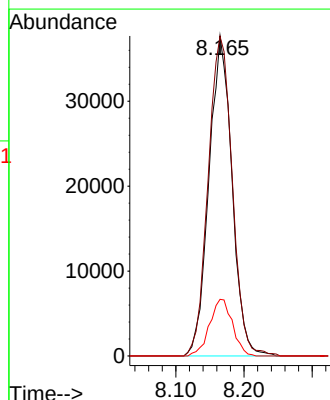
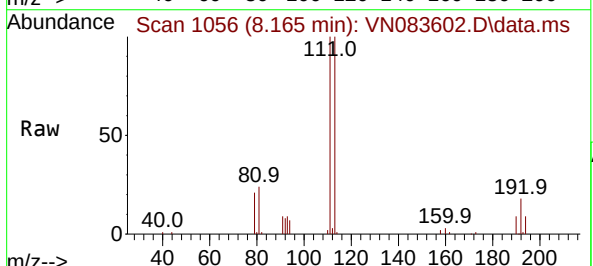
Tgt Ion:113 Resp: 88625

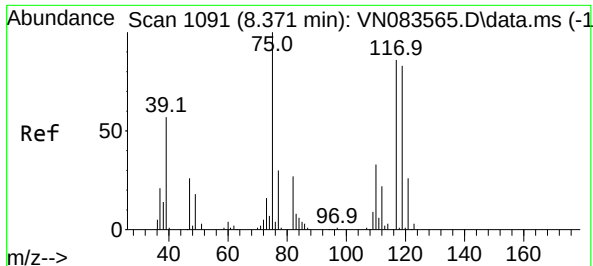
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 17.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083602.D

Acq: 31 Aug 2024 08:09

Instrument :

MSVOA_N

ClientSampleId :

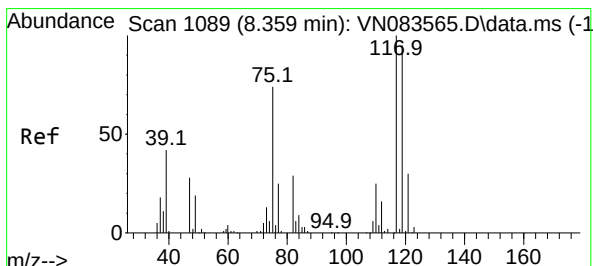
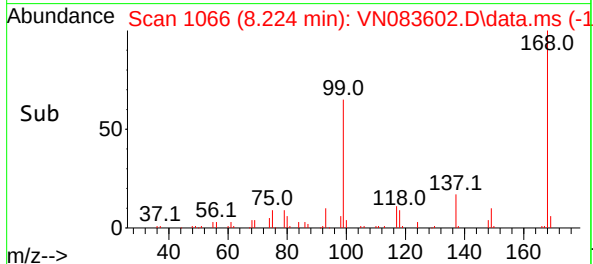
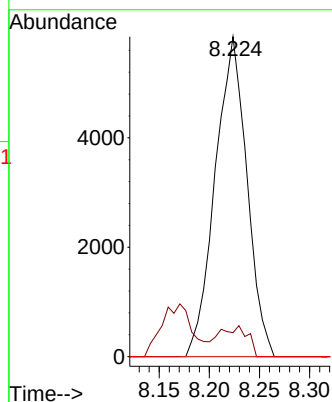
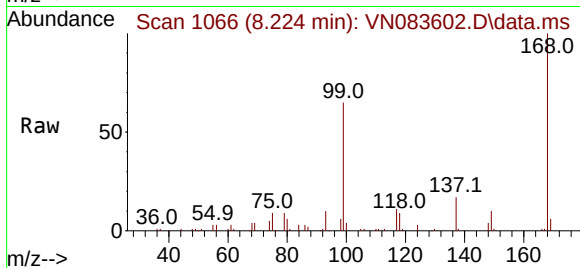
Tgt Ion: 75 Resp: 12879

Ion Ratio Lower Upper

75 100

110 1.8 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.390 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083602.D

Acq: 31 Aug 2024 08:09

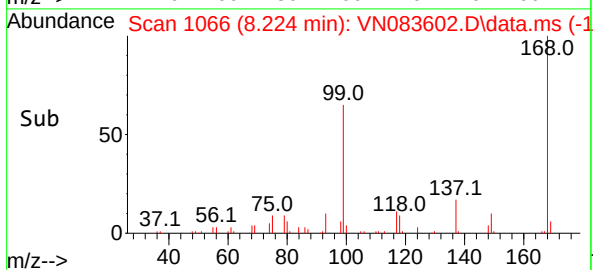
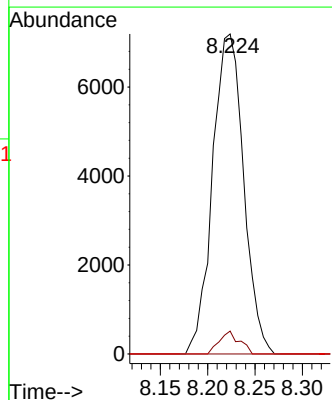
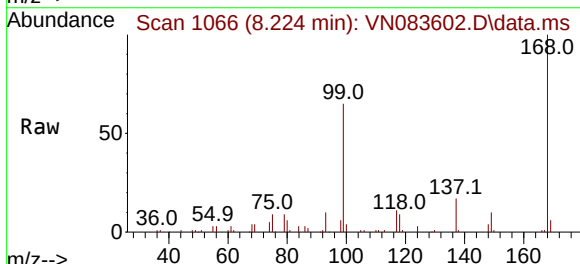
Tgt Ion: 117 Resp: 16413

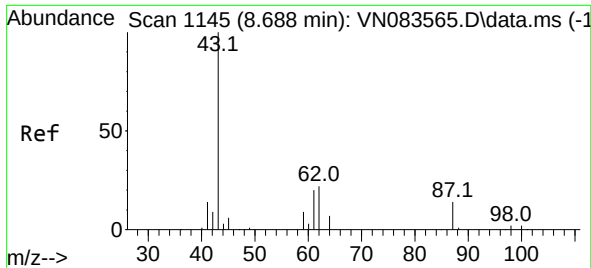
Ion Ratio Lower Upper

117 100

119 7.2 76.1 114.1#

121 0.0 24.1 36.1#

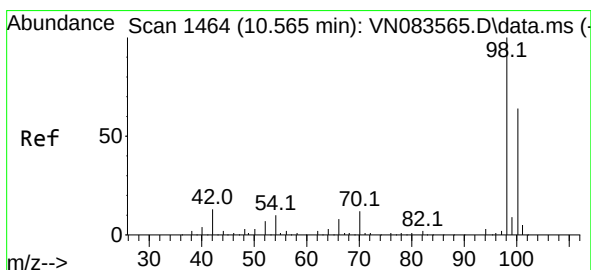
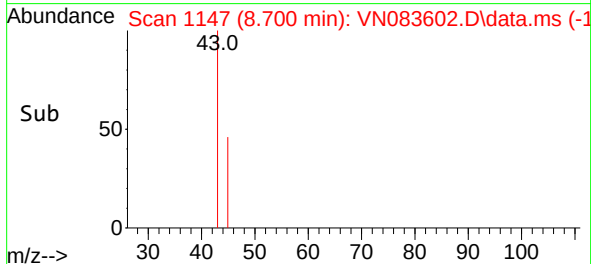
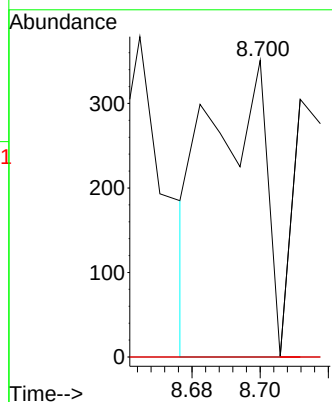
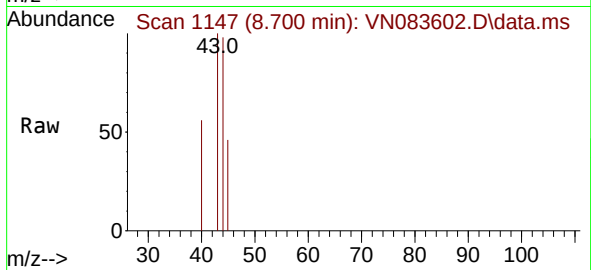




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

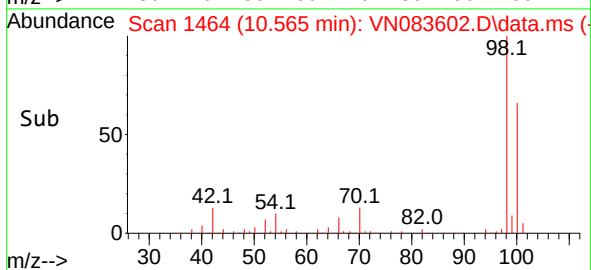
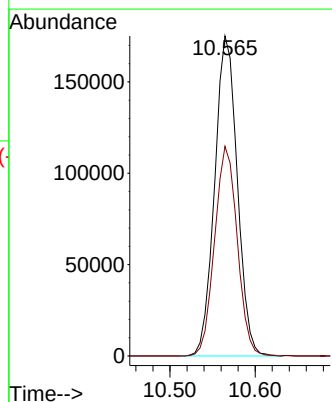
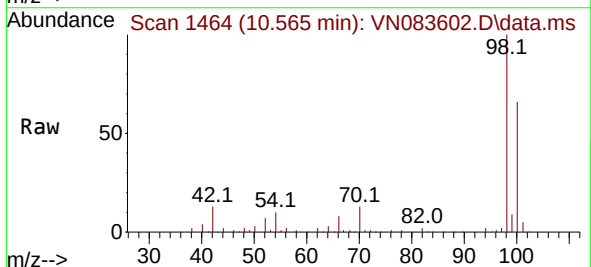
Instrument :
MSVOA_N
ClientSampleId :

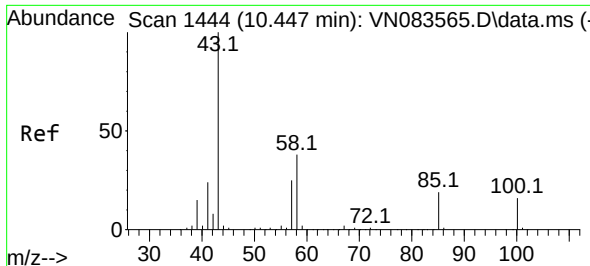
Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 47.433 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Tgt Ion: 98 Resp: 323135
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

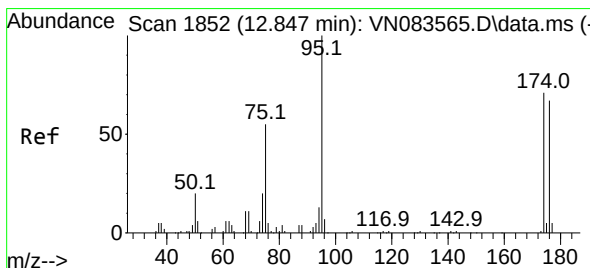
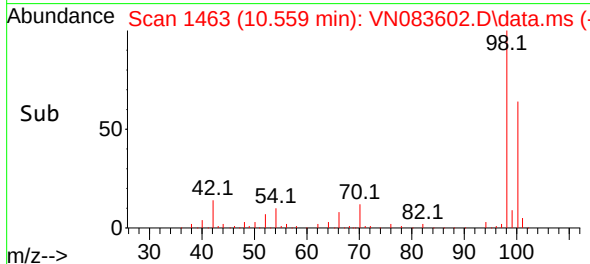
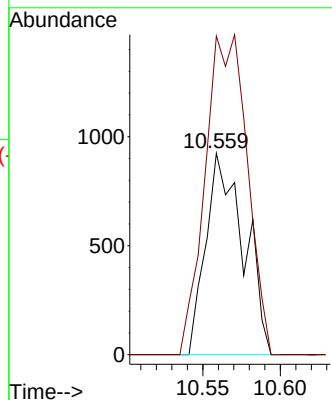
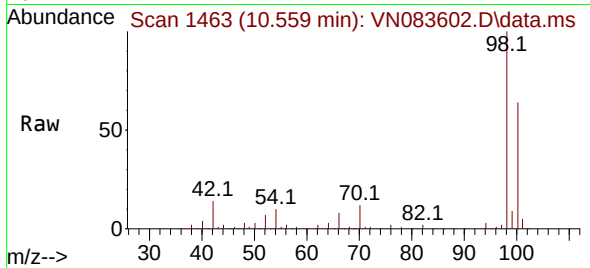




#51
4-Methyl-2-Pentanone
Concen: 0.635 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

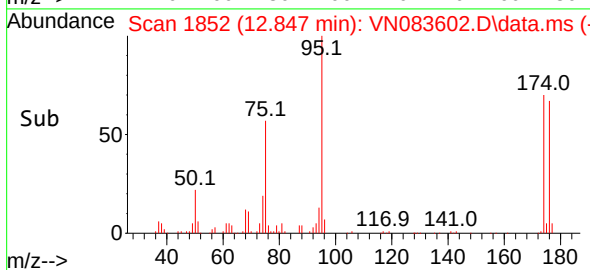
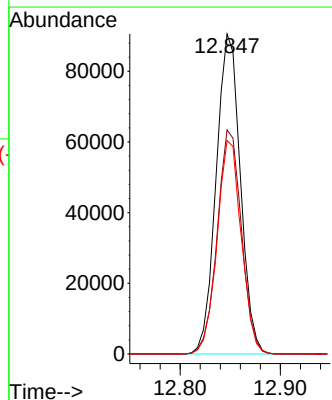
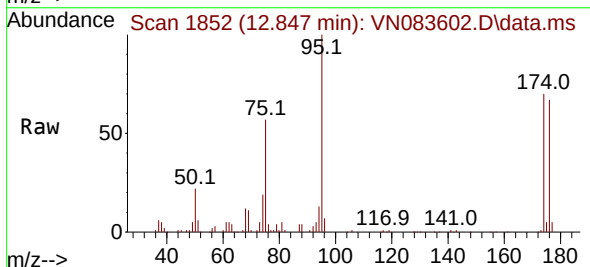
Instrument :
MSVOA_N
ClientSampleId :

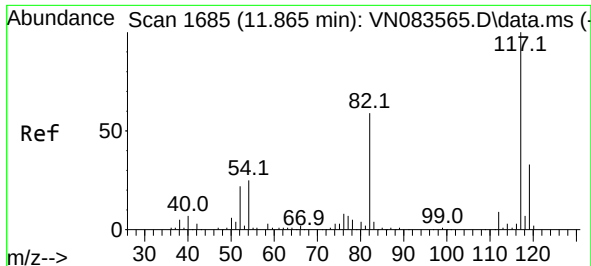
Tgt Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
58 176.7 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 60.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Tgt Ion: 95 Resp: 151721
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 66.7 0.0 131.4

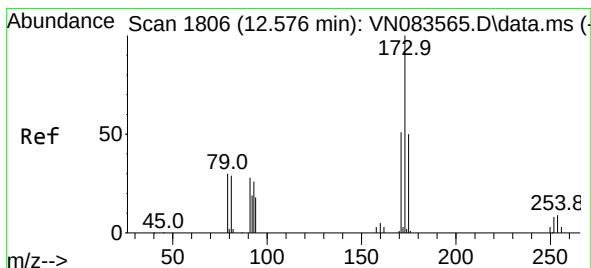
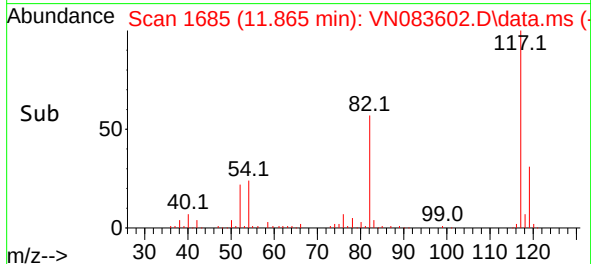
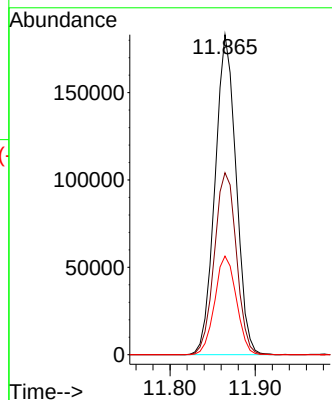
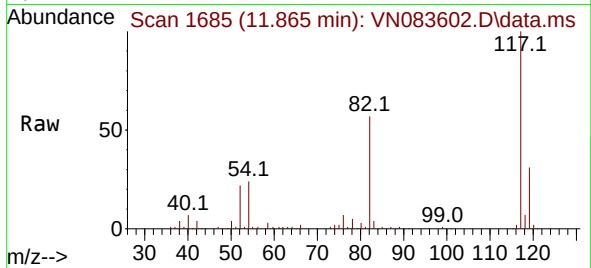




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

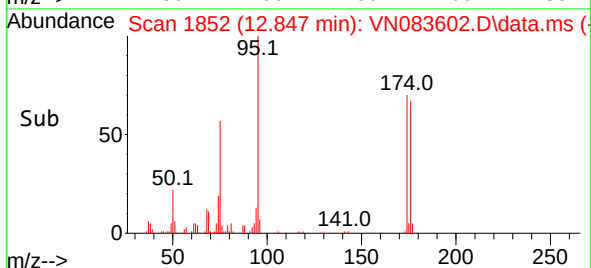
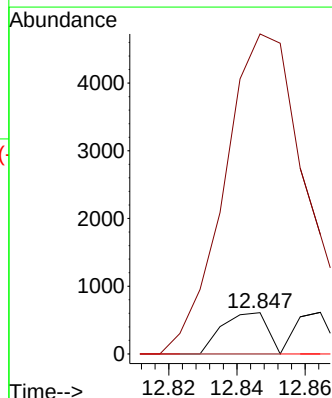
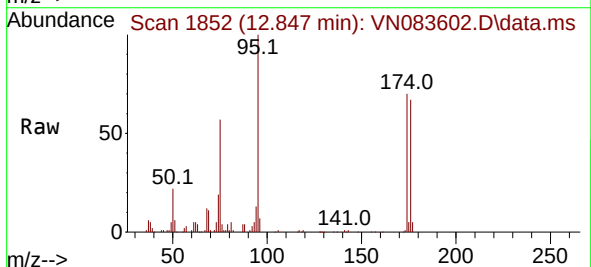
Instrument :
MSVOA_N
ClientSampleId :

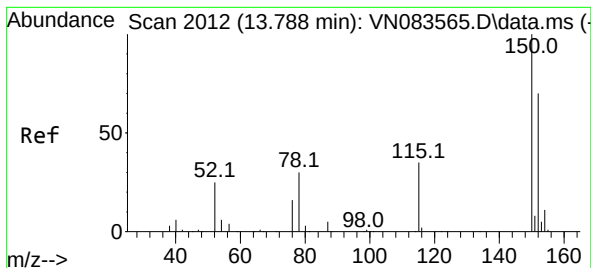
Tgt Ion:117 Resp: 314735
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.0
119 30.8 26.3 39.5



#71
Bromoform
Concen: 0.331 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Tgt Ion:173 Resp: 562
Ion Ratio Lower Upper
173 100
175 1049.6 24.1 72.2#
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. 0.006 min

Lab File: VN083602.D

Acq: 31 Aug 2024 08:09

Instrument :

MSVOA_N

ClientSampleId :

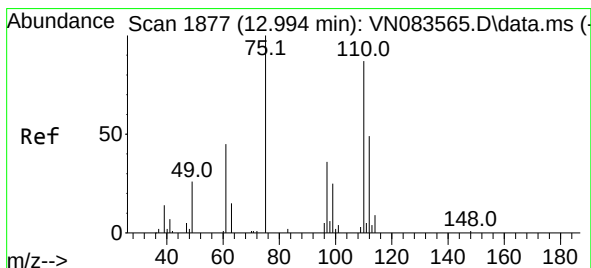
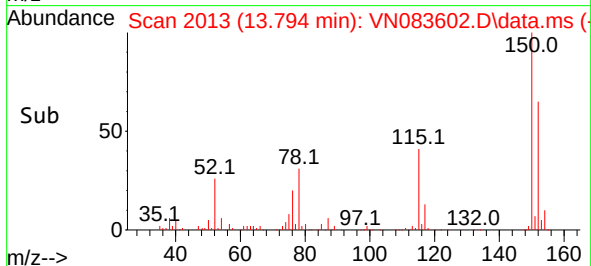
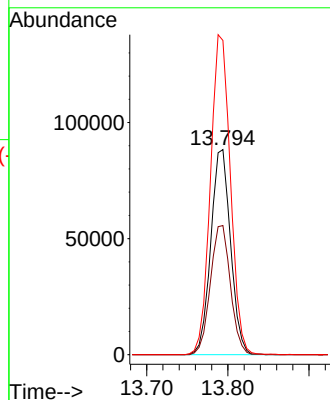
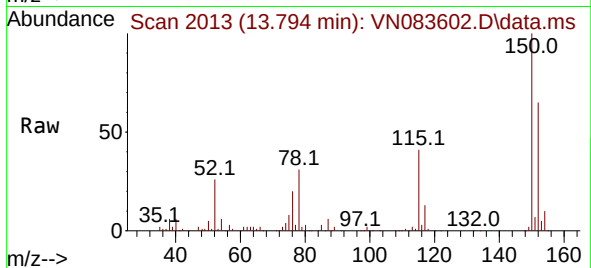
Tgt Ion:152 Resp: 149275

Ion Ratio Lower Upper

152 100

115 63.9 32.2 96.6

150 157.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 28.186 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083602.D

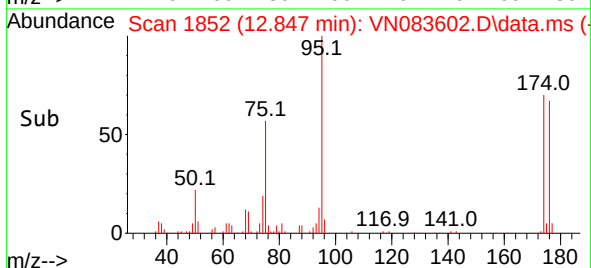
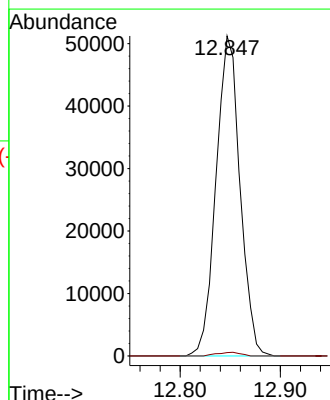
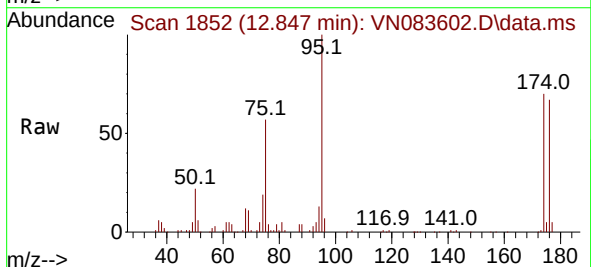
Acq: 31 Aug 2024 08:09

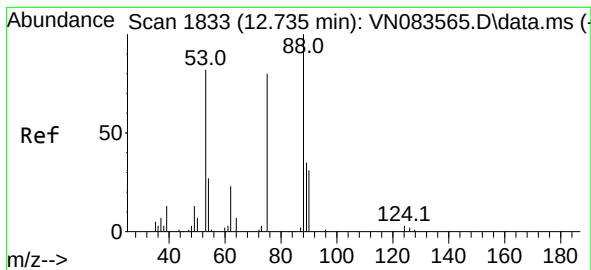
Tgt Ion: 75 Resp: 84948

Ion Ratio Lower Upper

75 100

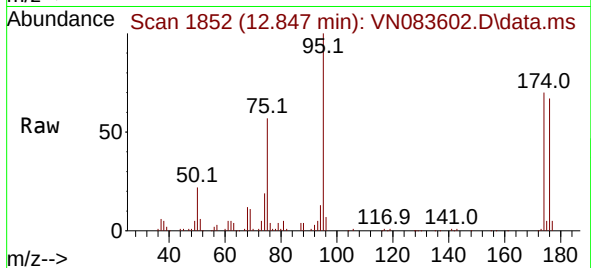
77 1.1 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.479 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083602.D
Acq: 31 Aug 2024 08:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 84948
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#

