

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083604.D
 Acq On : 31 Aug 2024 08:57
 Operator : JC\MD
 Sample : P3769-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 01:01:53 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)

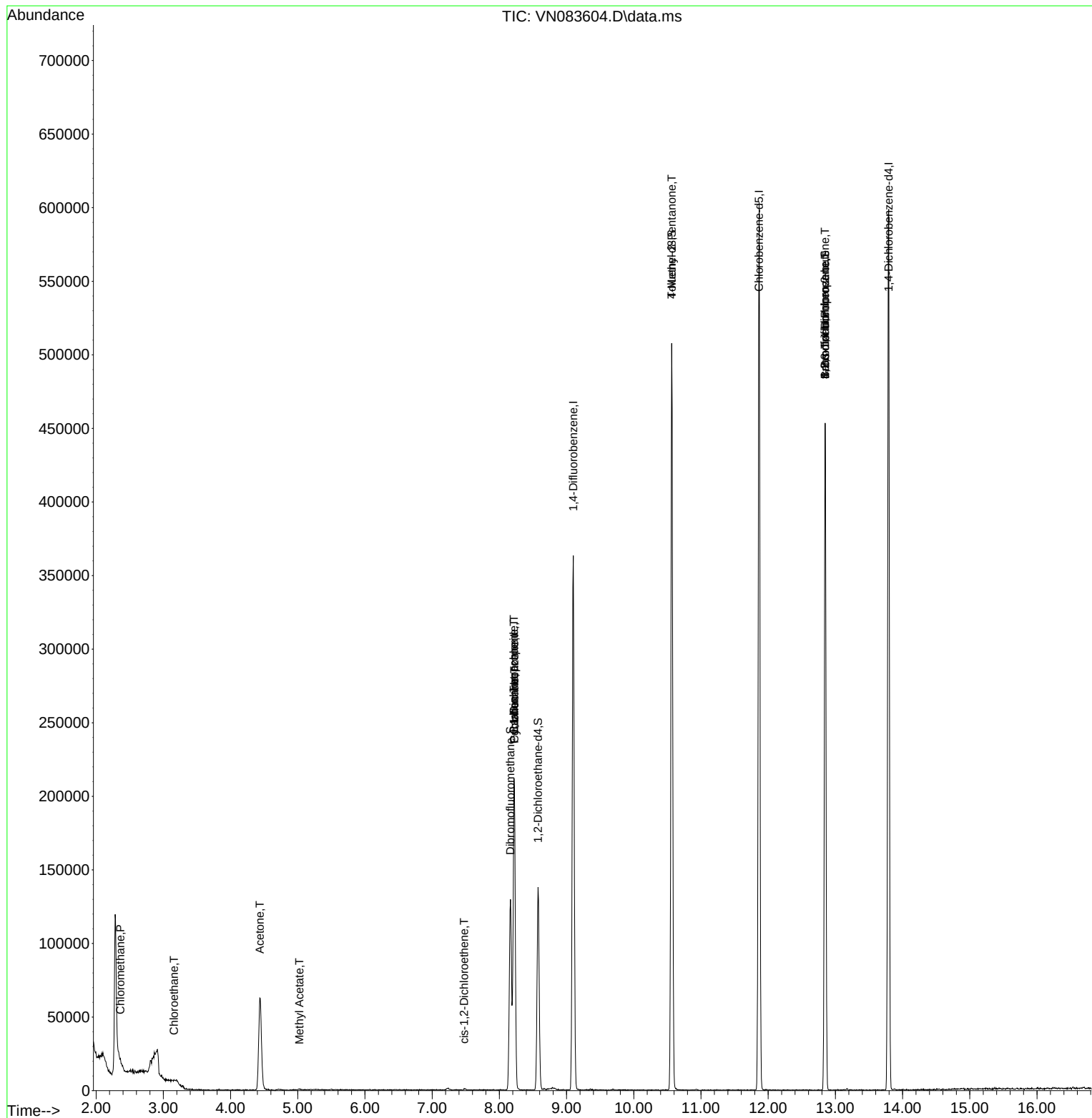
Internal Standards						
1) Pentafluorobenzene	8.224	168	145114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115100	56.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.500%	
35) Dibromofluoromethane	8.165	113	92996	51.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.260%	
50) Toluene-d8	10.565	98	339185	48.337	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.680%	
62) 4-Bromofluorobenzene	12.847	95	157945	60.781	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 121.560%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1426	0.797	ug/l	93
6) Chloroethane	3.159	64	700	0.598	ug/l #	45
16) Acetone	4.436	43	2061	2.548	ug/l #	45
18) Methyl Acetate	5.024	43	1089	0.506	ug/l #	52
27) cis-1,2-Dichloroethene	7.477	96	572	0.289	ug/l	68
31) Cyclohexane	8.224	56	3925	1.251	ug/l #	58
36) 1,1-Dichloropropene	8.218	75	12827	4.668	ug/l #	50
38) Carbon Tetrachloride	8.218	117	16717	5.332	ug/l #	14
43) Isopropyl Acetate	8.677	43	413	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1657	0.652	ug/l #	1
71) Bromoform	12.847	173	711	0.403	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	87166	27.900	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	87166	65.806	ug/l #	9

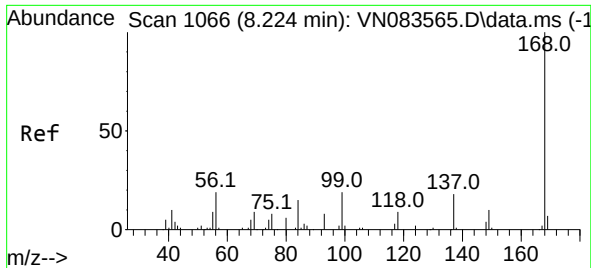
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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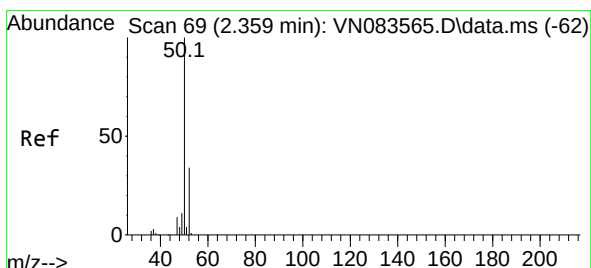
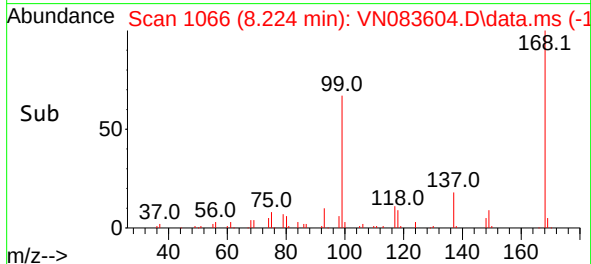
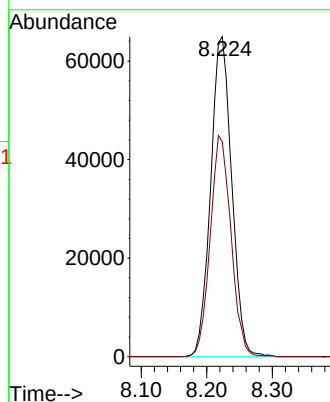
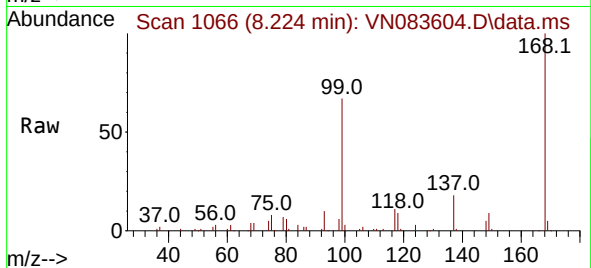




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

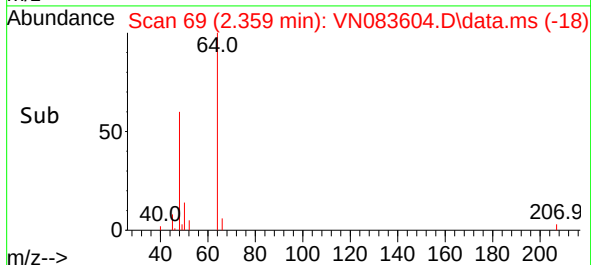
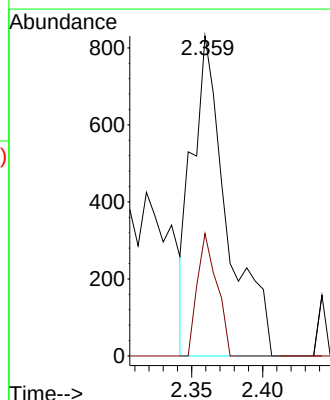
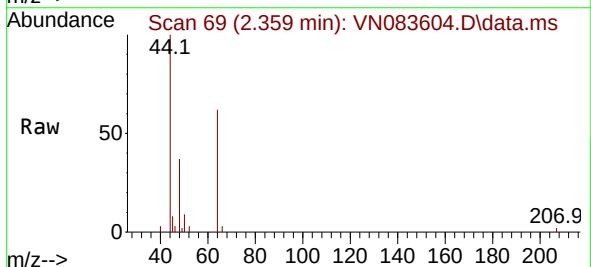
Instrument :
MSVOA_N
ClientSampleId :

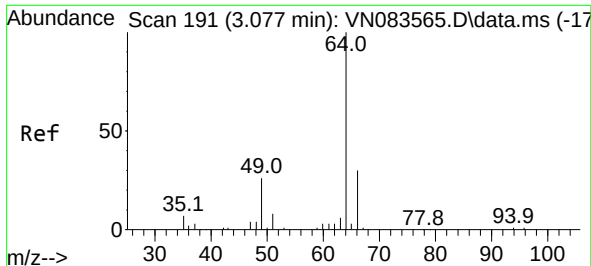
Tgt Ion:168 Resp: 145114
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#3
Chloromethane
Concen: 0.797 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Tgt Ion: 50 Resp: 1426
Ion Ratio Lower Upper
50 100
52 38.3 27.2 40.8

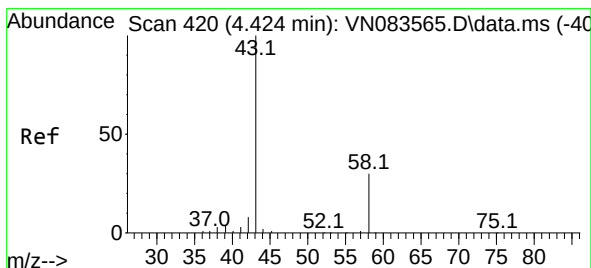
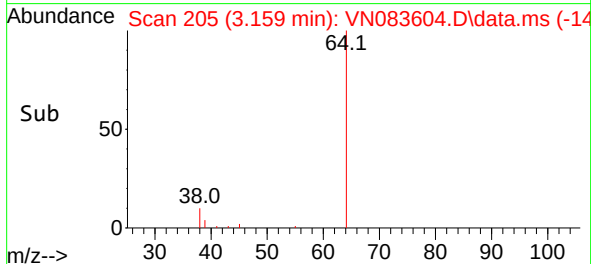
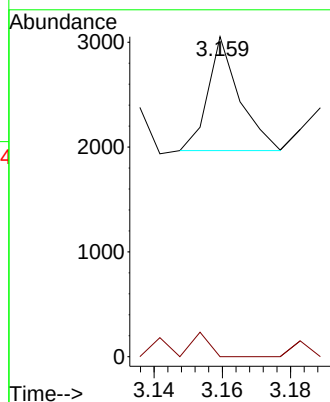
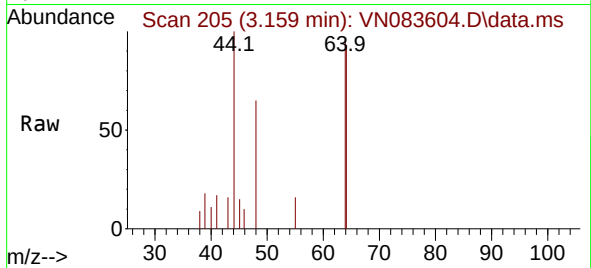




#6
Chloroethane
Concen: 0.598 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.082 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

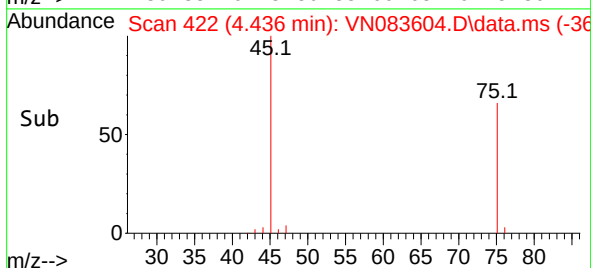
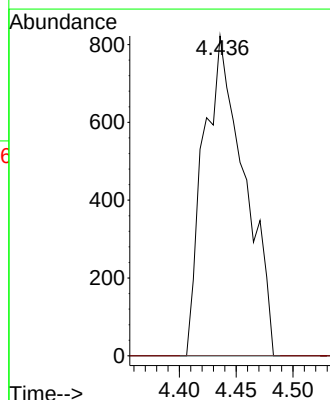
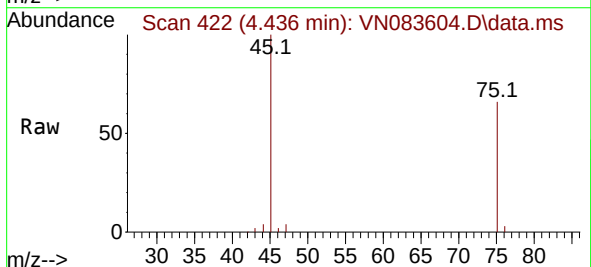
Instrument :
MSVOA_N
ClientSampleId :

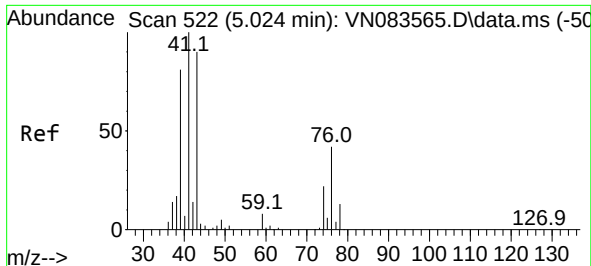
Tgt Ion: 64 Resp: 700
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#16
Acetone
Concen: 2.548 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

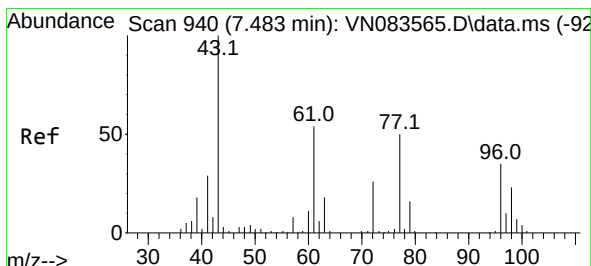
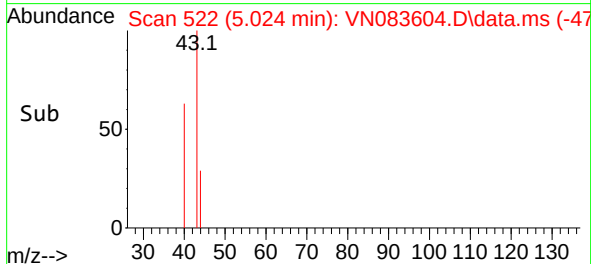
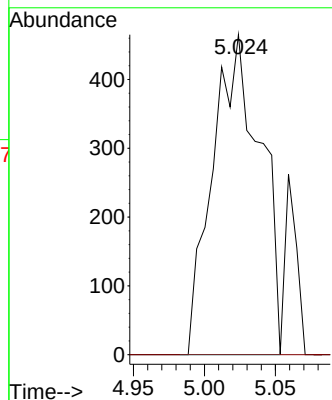
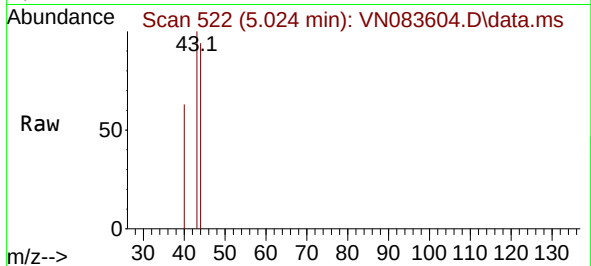




#18
Methyl Acetate
Concen: 0.506 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

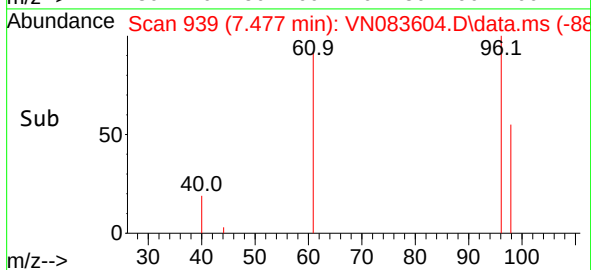
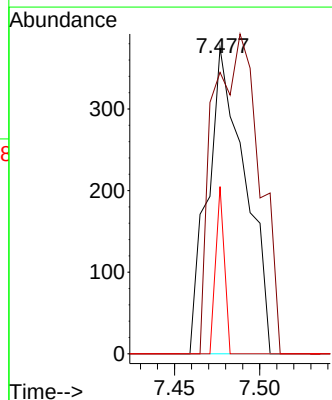
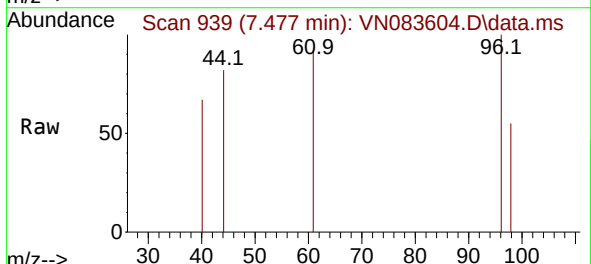
Instrument :
MSVOA_N
ClientSampleId :

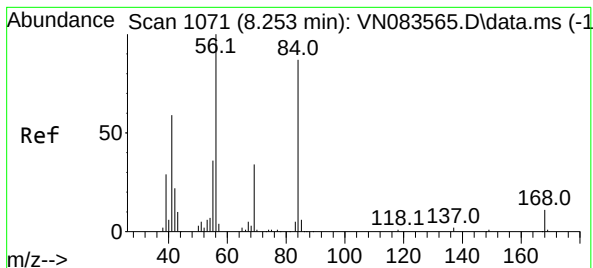
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#27
cis-1,2-Dichloroethene
Concen: 0.289 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Tgt Ion: 96 Resp: 572
Ion Ratio Lower Upper
96 100
61 129.5 0.0 306.2
98 12.6 0.0 128.6





#31

Cyclohexane

Concen: 1.251 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN083604.D

Acq: 31 Aug 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

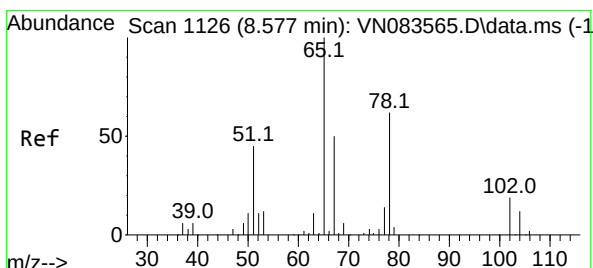
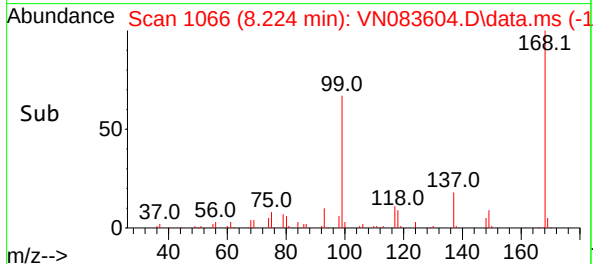
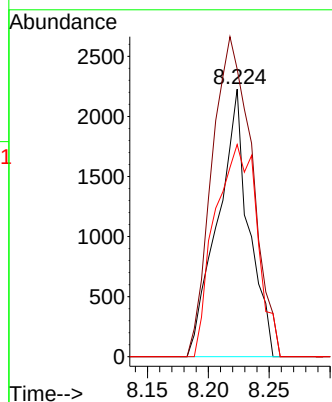
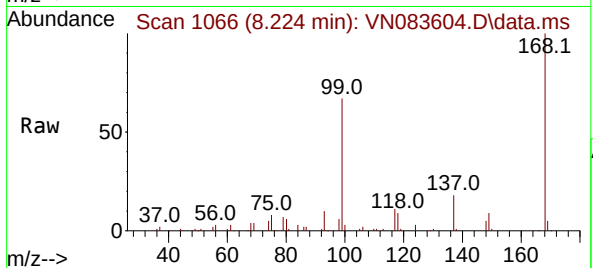
Tgt Ion: 56 Resp: 3925

Ion Ratio Lower Upper

56 100

69 107.5 26.9 40.3#

84 79.3 69.2 103.8



#33

1,2-Dichloroethane-d4

Concen: 56.752 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083604.D

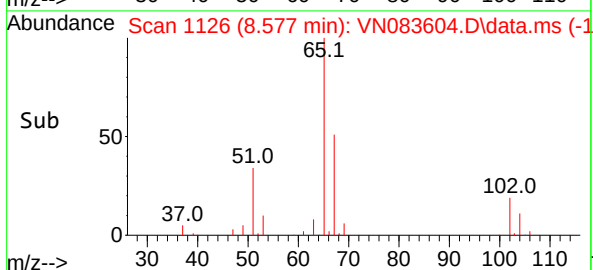
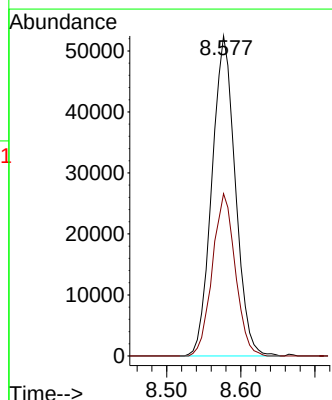
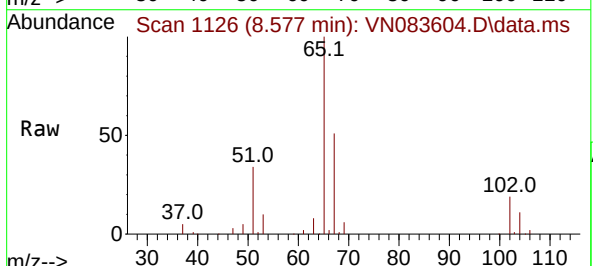
Acq: 31 Aug 2024 08:57

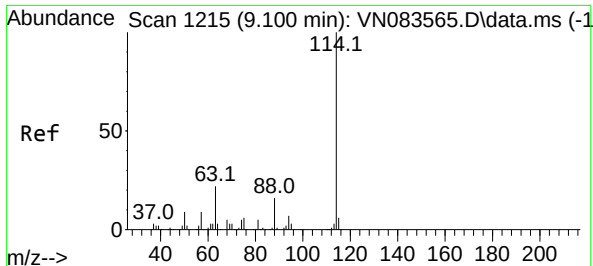
Tgt Ion: 65 Resp: 115100

Ion Ratio Lower Upper

65 100

67 49.6 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: VN083604.D

Acq: 31 Aug 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

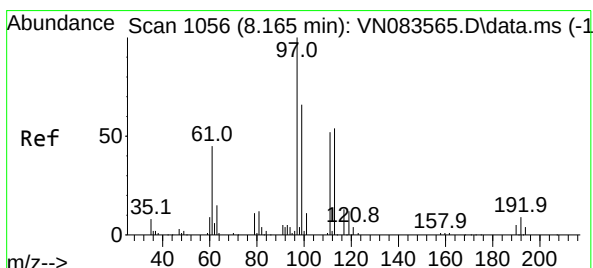
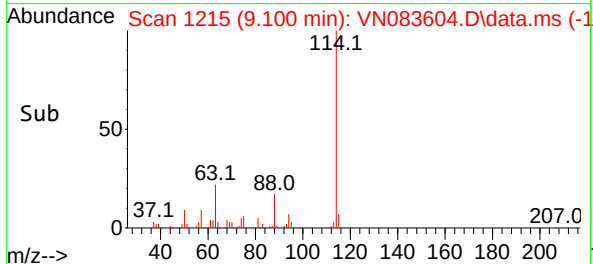
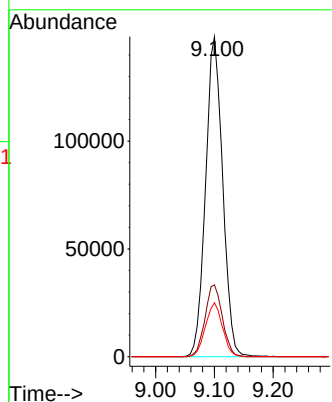
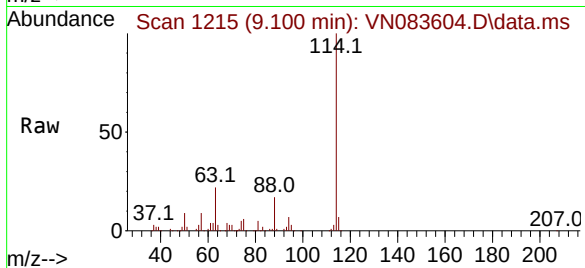
Tgt Ion:114 Resp: 299289

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.626 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083604.D

Acq: 31 Aug 2024 08:57

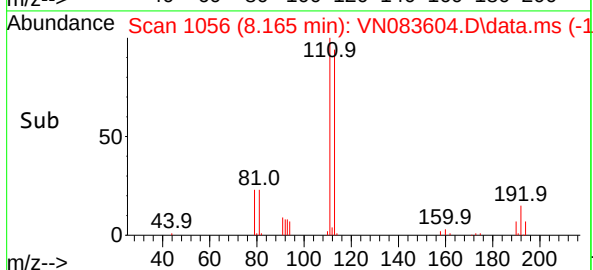
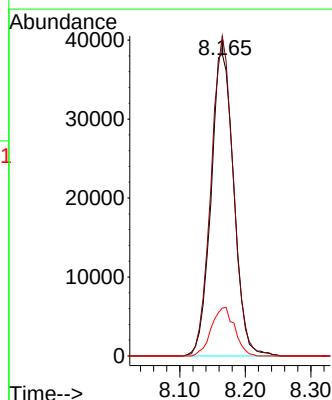
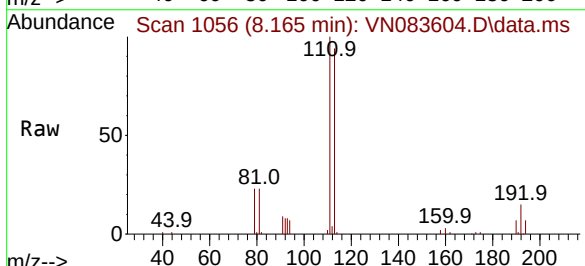
Tgt Ion:113 Resp: 92996

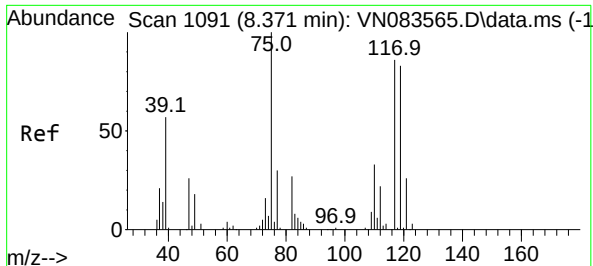
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 16.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.668 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083604.D

Acq: 31 Aug 2024 08:57

Instrument :

MSVOA_N

ClientSampleId :

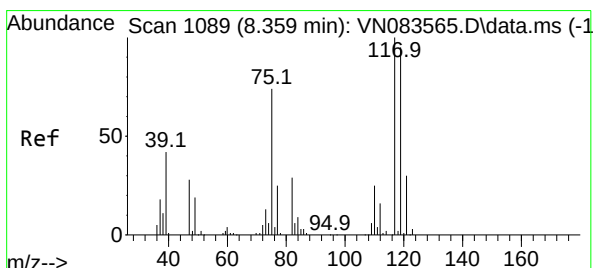
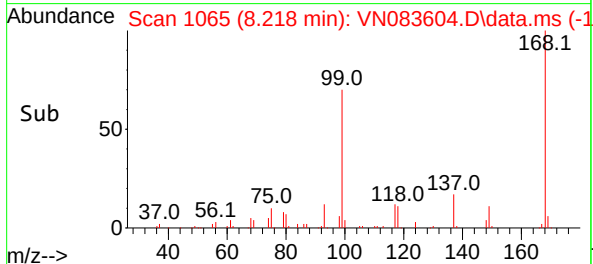
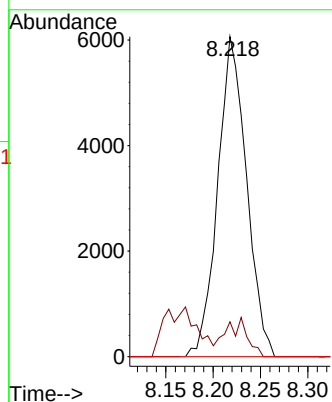
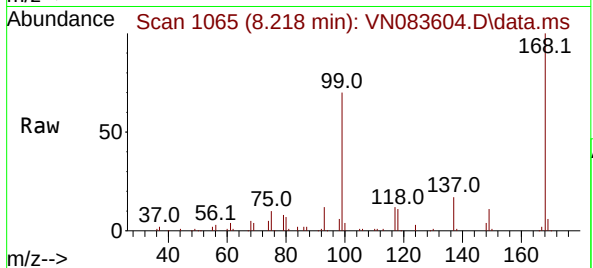
Tgt Ion: 75 Resp: 12827

Ion Ratio Lower Upper

75 100

110 9.1 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.332 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083604.D

Acq: 31 Aug 2024 08:57

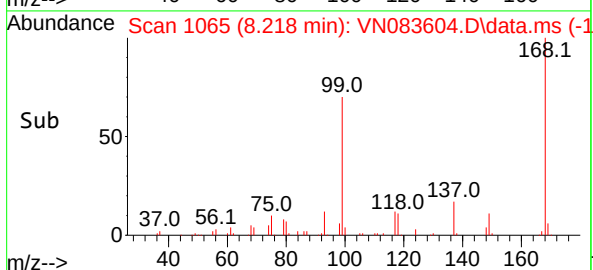
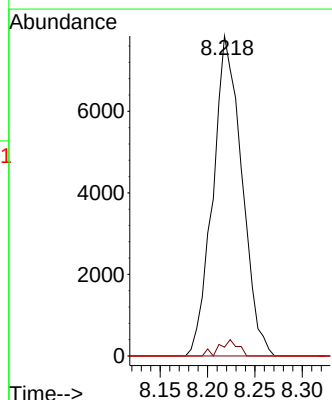
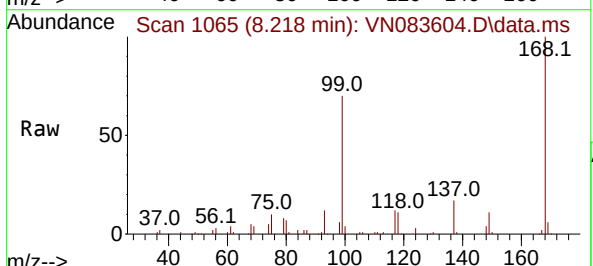
Tgt Ion: 117 Resp: 16717

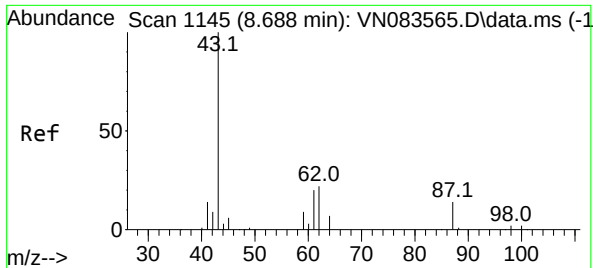
Ion Ratio Lower Upper

117 100

119 2.8 76.1 114.1#

121 0.0 24.1 36.1#

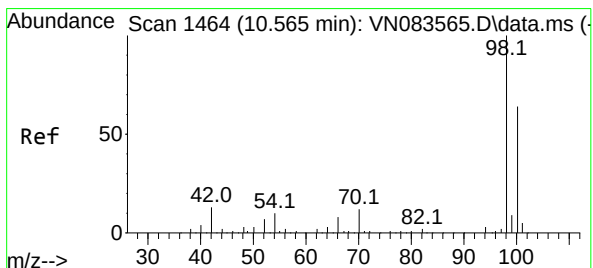
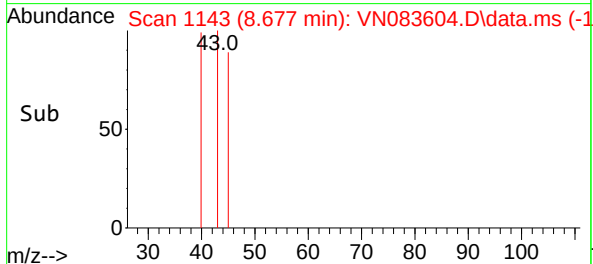
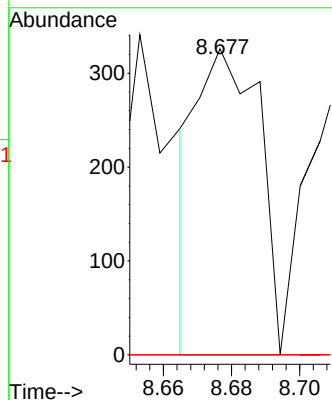
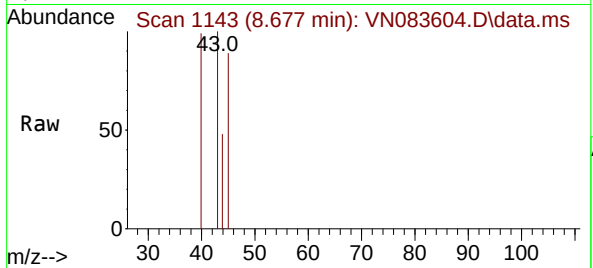




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

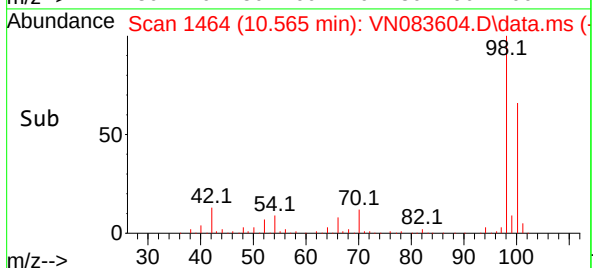
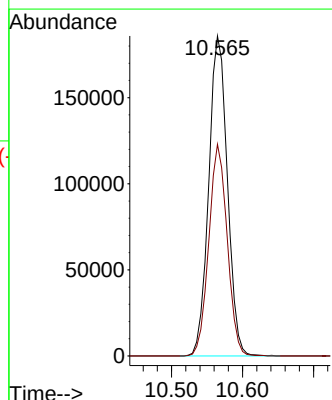
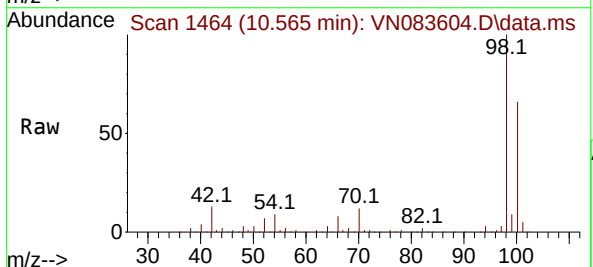
Instrument :
MSVOA_N
ClientSampleId :

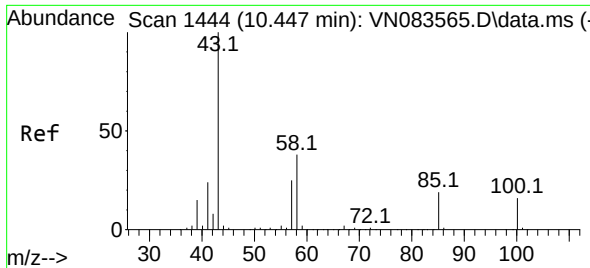
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 48.337 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

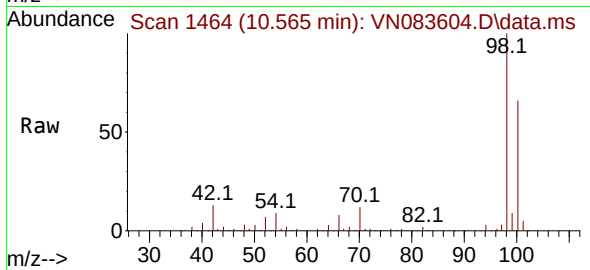
Tgt Ion: 98 Resp: 339185
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



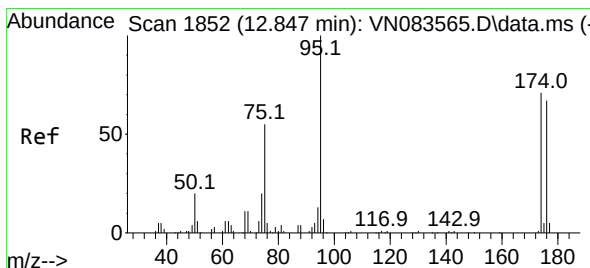
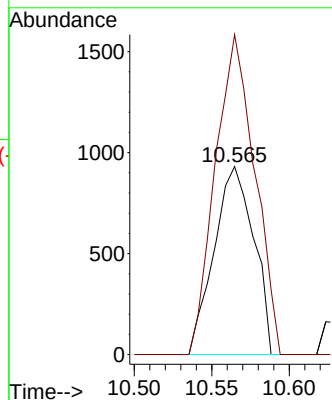
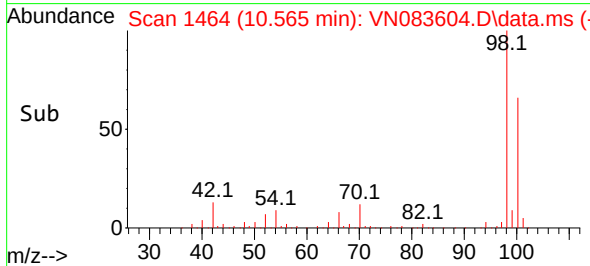


#51
4-Methyl-2-Pentanone
Concen: 0.652 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :

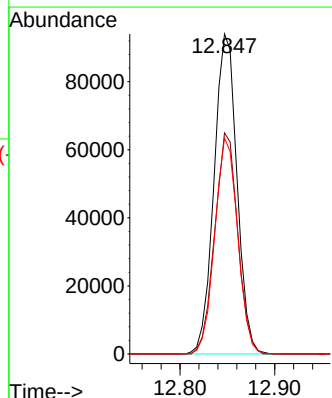
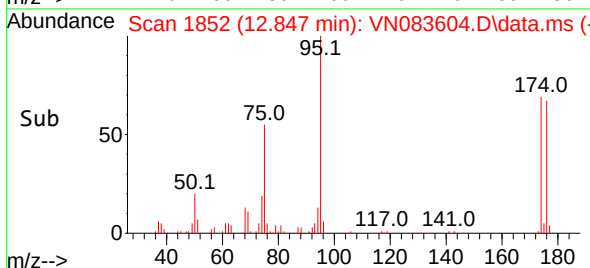
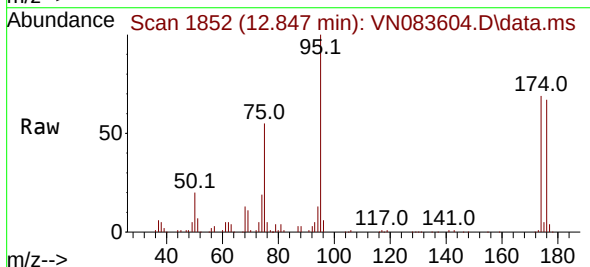


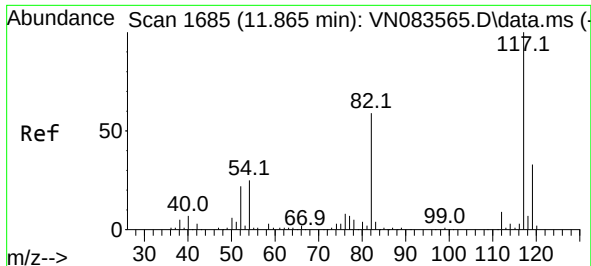
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
58 169.6 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 60.781 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Tgt Ion: 95 Resp: 157945
Ion Ratio Lower Upper
95 100
174 69.5 0.0 139.8
176 67.5 0.0 131.4

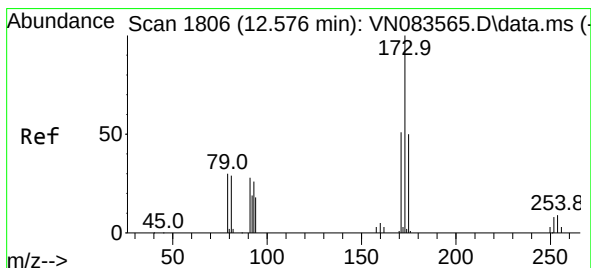
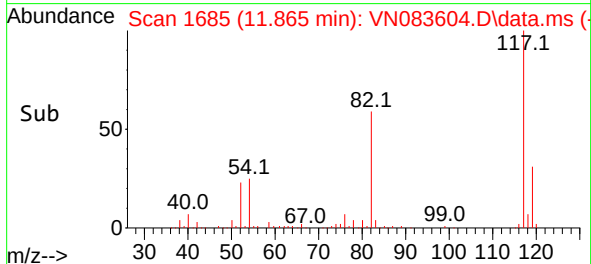
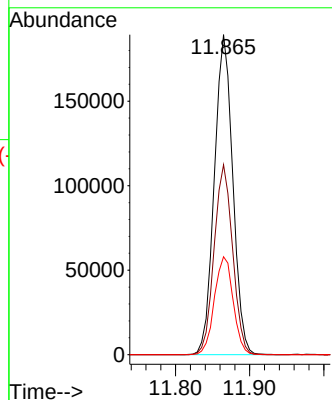
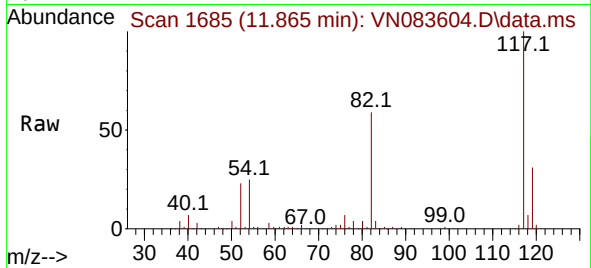




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

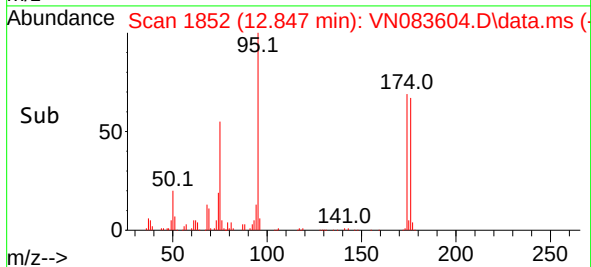
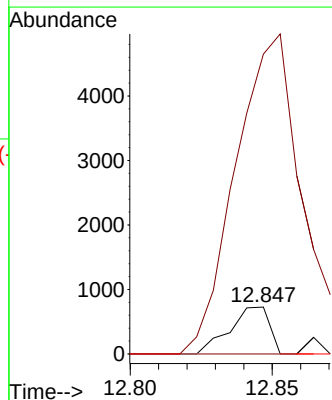
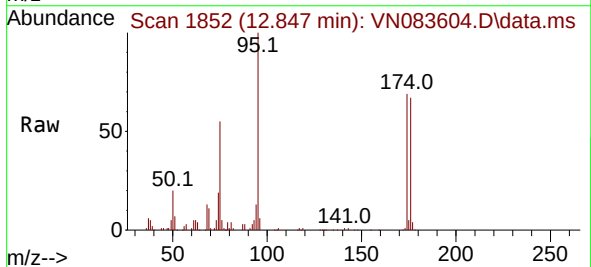
Instrument :
MSVOA_N
ClientSampleId :

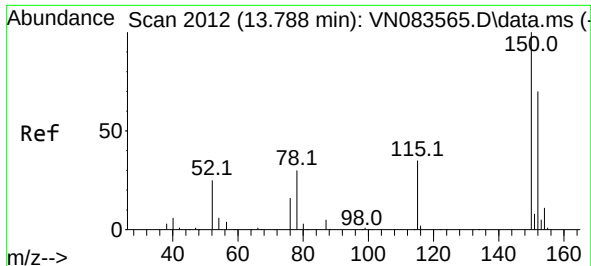
Tgt Ion:117 Resp: 327475
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 30.6 26.3 39.5



#71
Bromoform
Concen: 0.403 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Tgt Ion:173 Resp: 711
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0

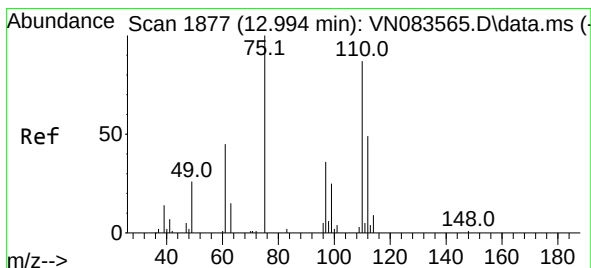
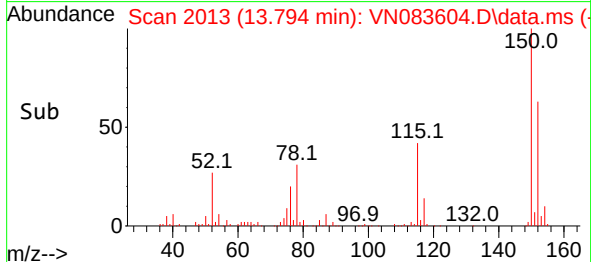
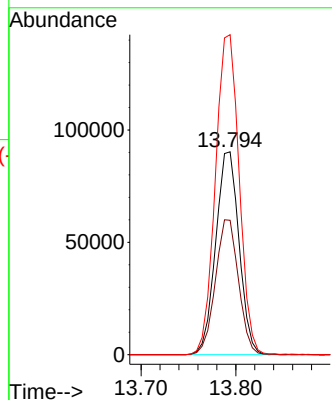
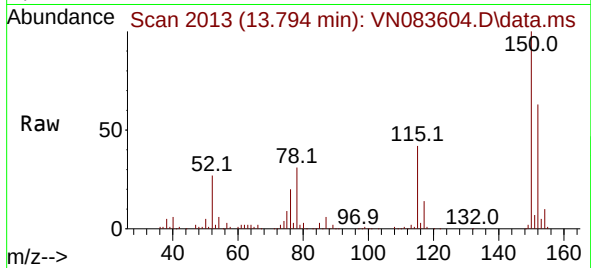




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083604.D
 Acq: 31 Aug 2024 08:57

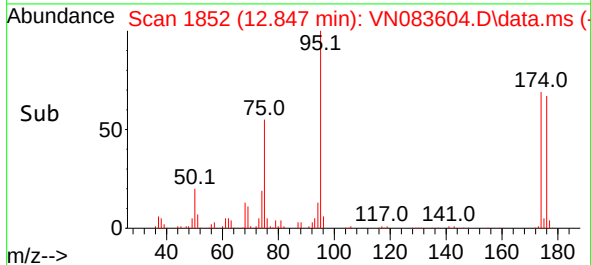
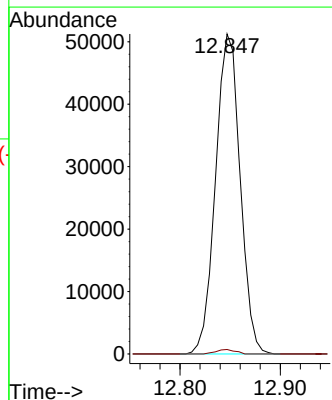
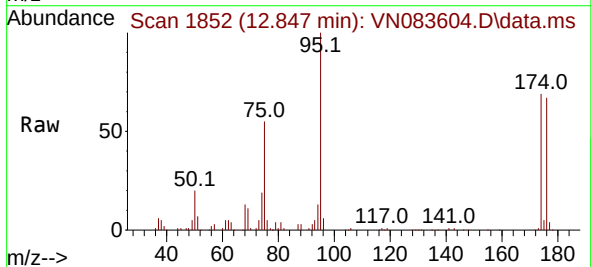
Instrument :
 MSVOA_N
 ClientSampleId :

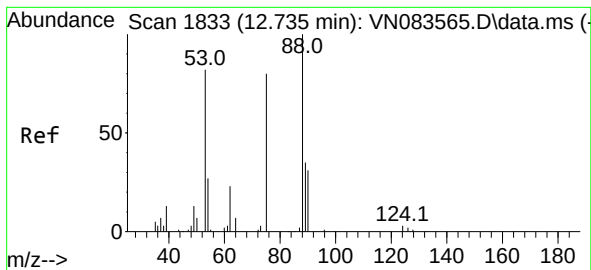
Tgt Ion:152 Resp: 154740
 Ion Ratio Lower Upper
 152 100
 115 65.9 32.2 96.6
 150 160.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.900 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083604.D
 Acq: 31 Aug 2024 08:57

Tgt Ion: 75 Resp: 87166
 Ion Ratio Lower Upper
 75 100
 77 1.1 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.806 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083604.D
Acq: 31 Aug 2024 08:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 87166
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

