

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085352.D
 Acq On : 30 Dec 2024 18:02
 Operator : JC\MD
 Sample : P5394-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:17:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

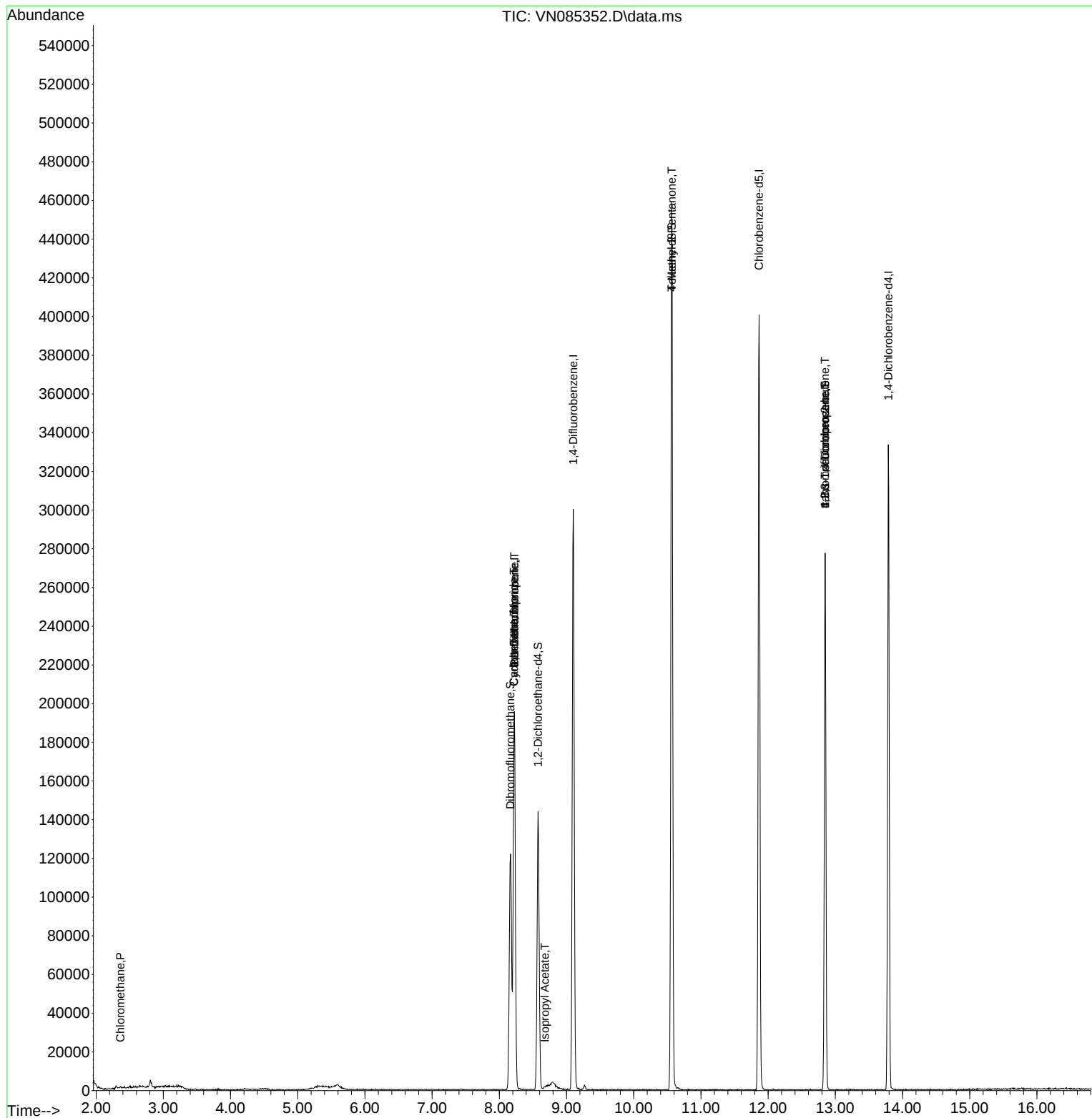
Internal Standards						
1) Pentafluorobenzene	8.224	168	130142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115089	62.003	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 124.000%		
35) Dibromofluoromethane	8.165	113	88102	57.200	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 114.400%		
50) Toluene-d8	10.565	98	308886	54.650	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 109.300%		
62) 4-Bromofluorobenzene	12.847	95	89583	47.724	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.440%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	426	0.215	ug/l #	66
31) Cyclohexane	8.218	56	3756	1.369	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	12266	5.439	ug/l #	52
38) Carbon Tetrachloride	8.218	117	15164	6.169	ug/l #	16
43) Isopropyl Acetate	8.677	43	871	0.236	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1585	0.764	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	49835	32.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	49835	78.249	ug/l #	10

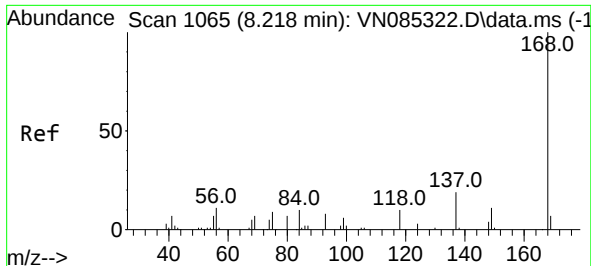
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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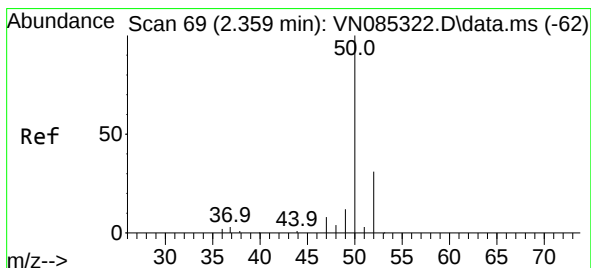
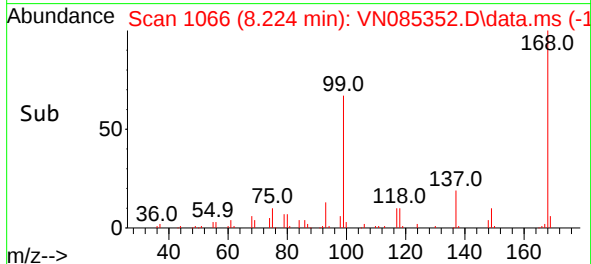
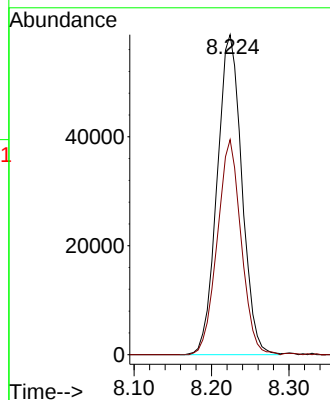
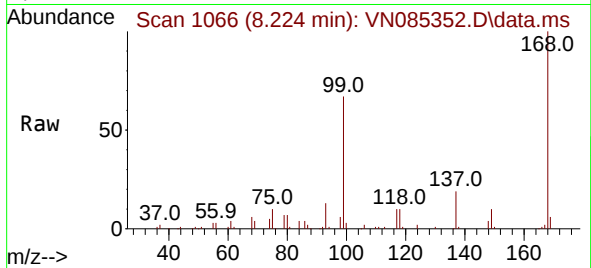




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

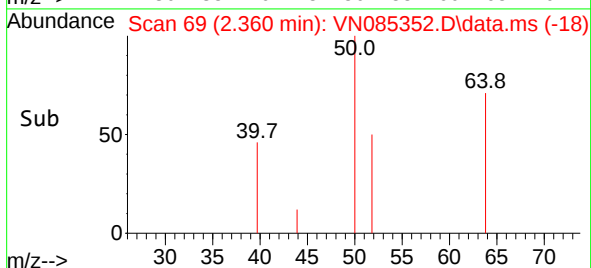
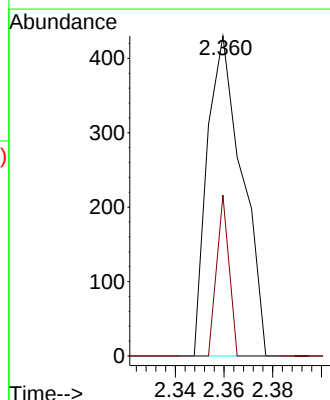
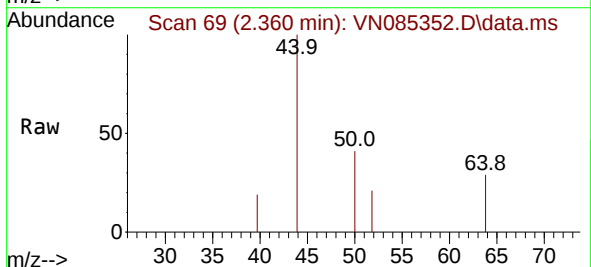
Instrument :
MSVOA_N
ClientSampleId :

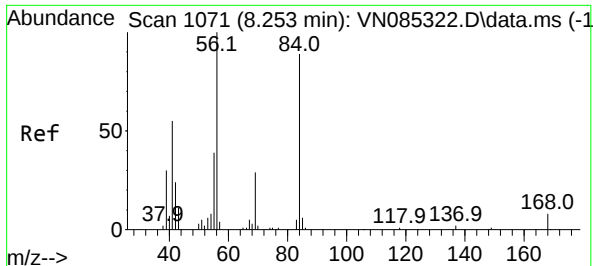
Tgt Ion:168 Resp: 130142
Ion Ratio Lower Upper
168 100
99 67.2 51.0 76.4



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

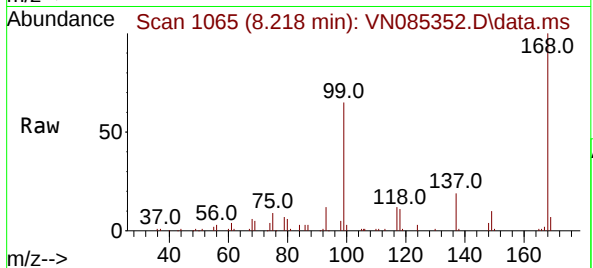
Tgt Ion: 50 Resp: 426
Ion Ratio Lower Upper
50 100
52 50.2 25.1 37.7#



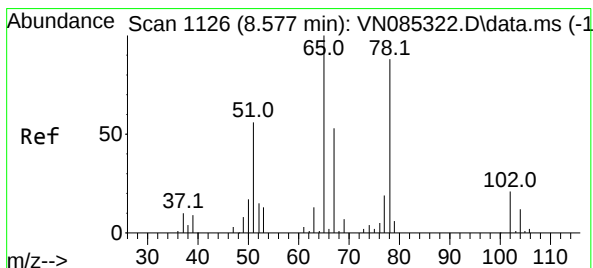
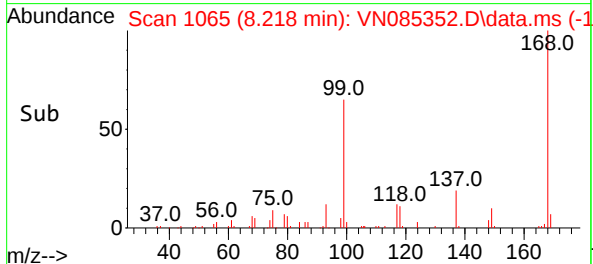
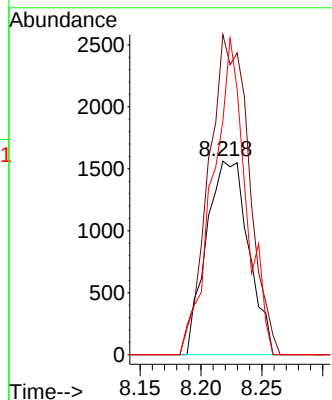


#31
Cyclohexane
Concen: 1.369 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :

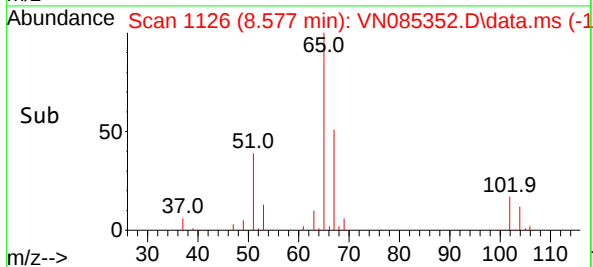
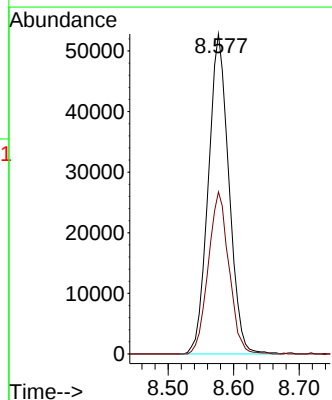
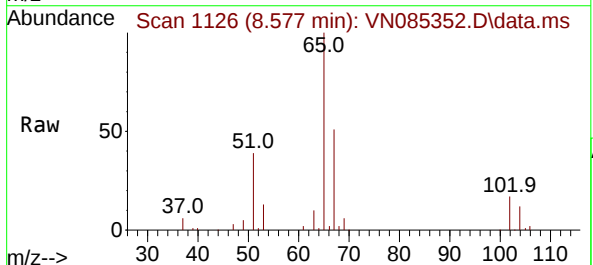


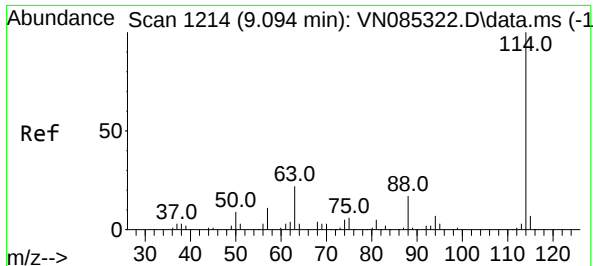
Tgt Ion: 56 Resp: 3756
Ion Ratio Lower Upper
56 100
69 165.3 23.4 35.0#
84 120.8 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 62.003 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

Tgt Ion: 65 Resp: 115089
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

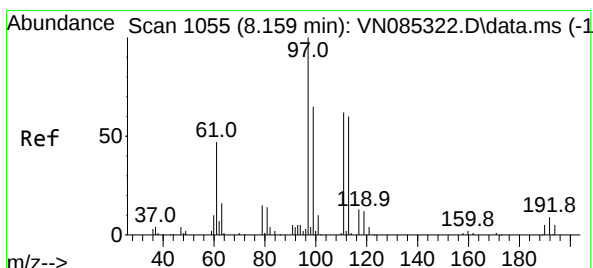
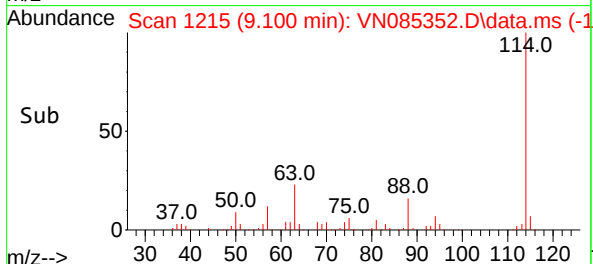
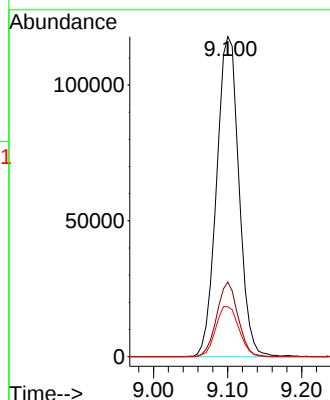
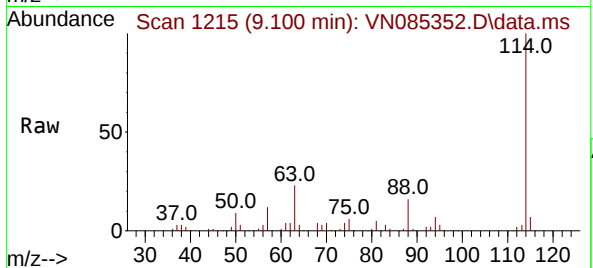
Tgt Ion:114 Resp: 246892

Ion Ratio Lower Upper

114 100

63 23.3 0.0 43.4

88 15.6 0.0 33.6



#35

Dibromofluoromethane

Concen: 57.200 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

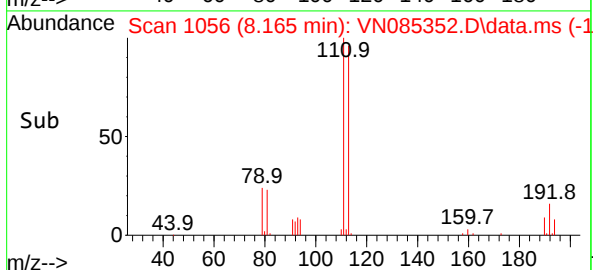
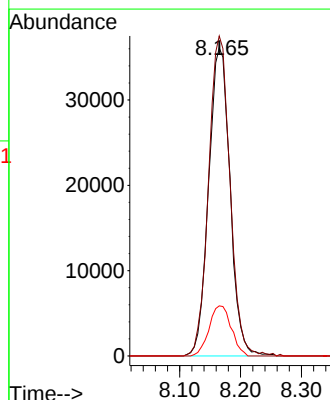
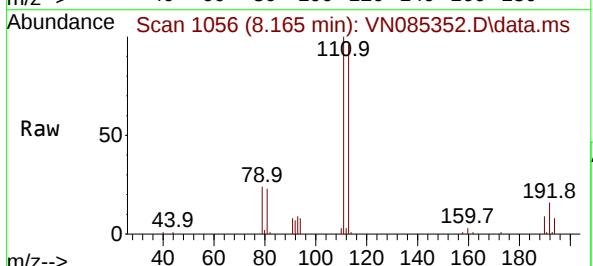
Tgt Ion:113 Resp: 88102

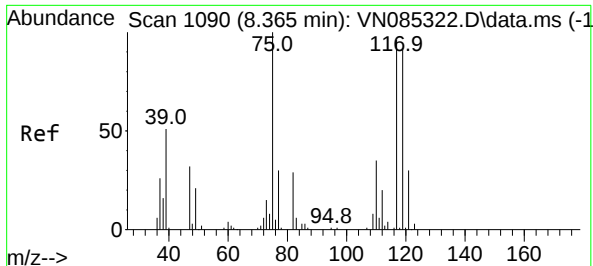
Ion Ratio Lower Upper

113 100

111 103.8 80.5 120.7

192 16.8 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.439 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

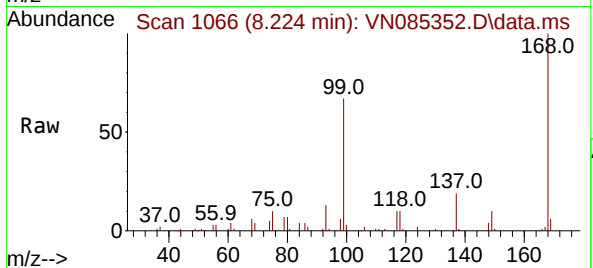
Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

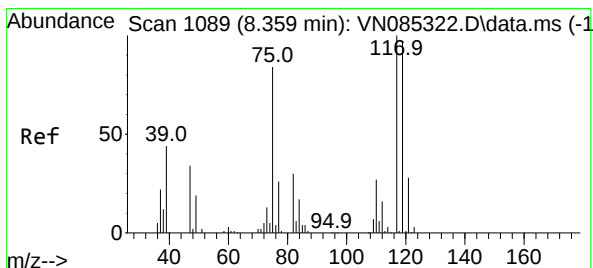
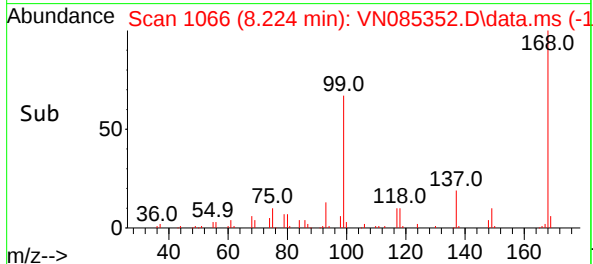
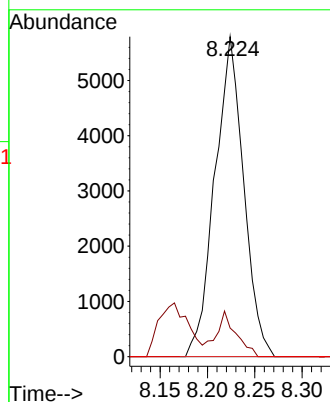
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12266
Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.6	49.8#
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 6.169 ug/l

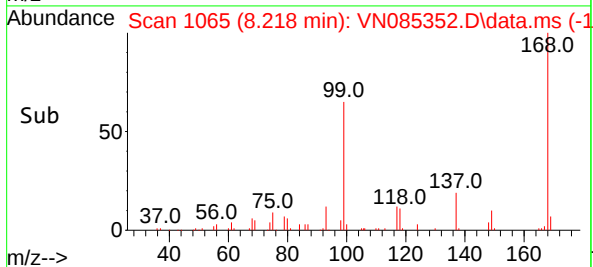
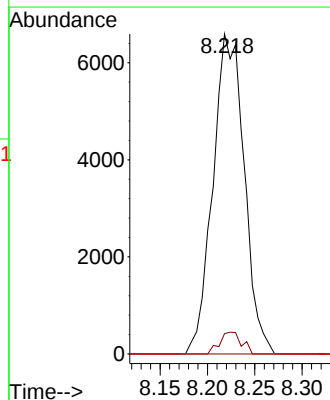
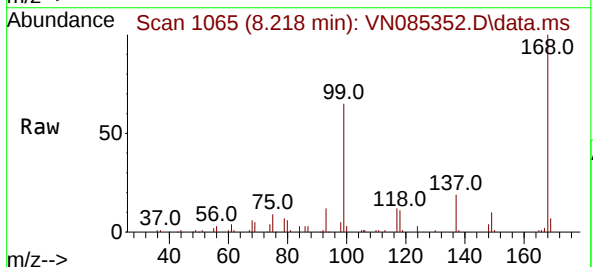
RT: 8.218 min Scan# 1065

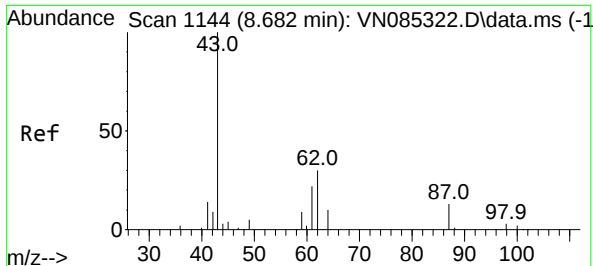
Delta R.T. -0.141 min

Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

Tgt Ion:	117	Resp:	15164
Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.8	116.6#
121	0.0	22.5	33.7#

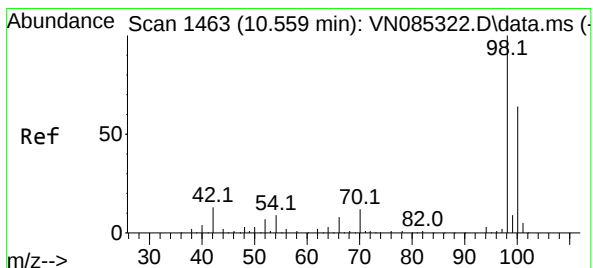
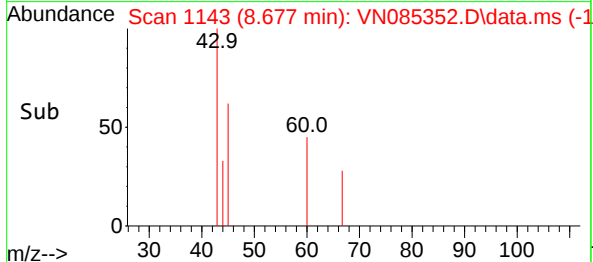
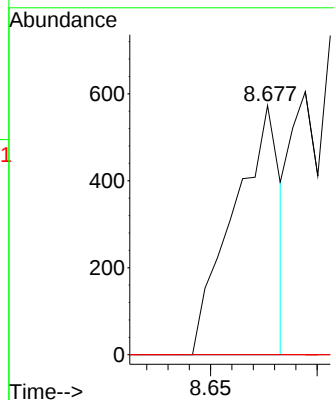
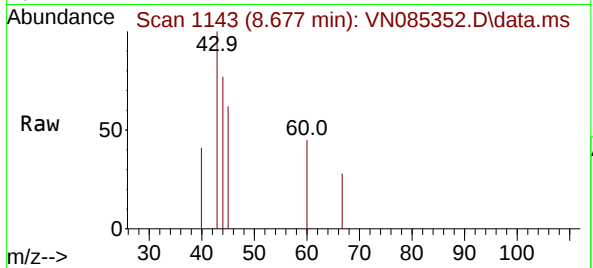




#43
Isopropyl Acetate
Concen: 0.236 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

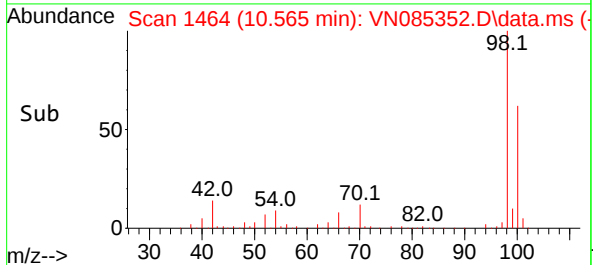
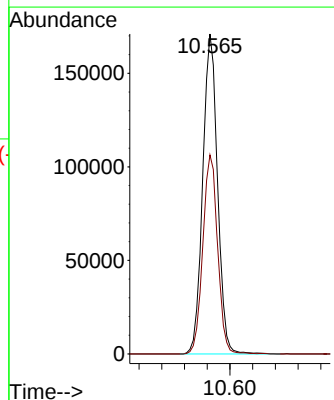
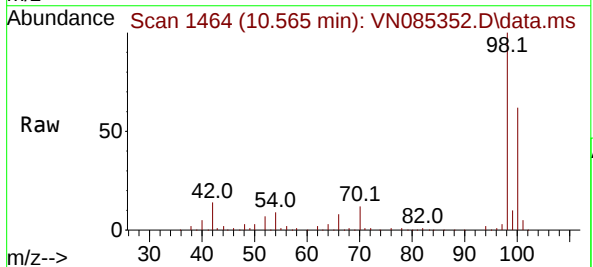
Instrument :
MSVOA_N
ClientSampleId :

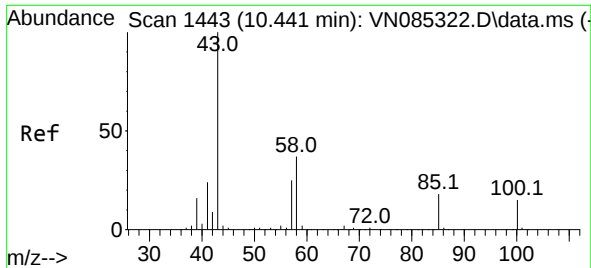
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 10.2 15.4#



#50
Toluene-d8
Concen: 54.650 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

Tgt Ion: 98 Resp: 308886
Ion Ratio Lower Upper
98 100
100 62.1 51.5 77.3

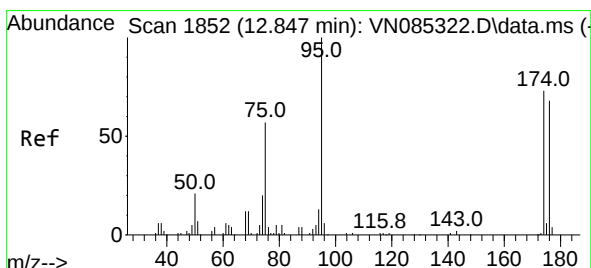
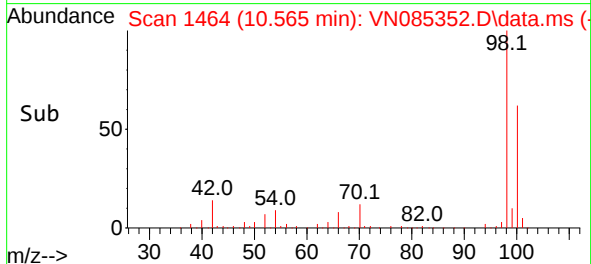
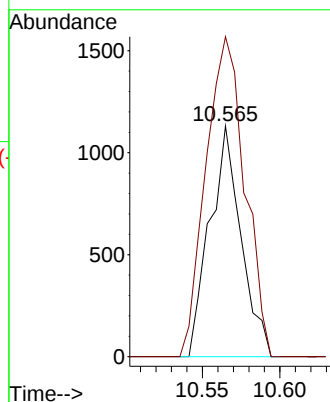
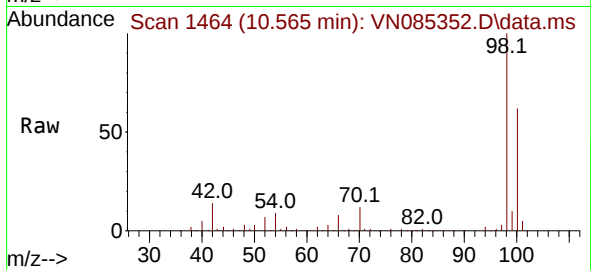




#51
4-Methyl-2-Pentanone
Concen: 0.764 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

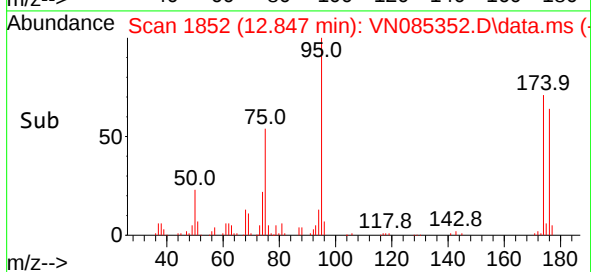
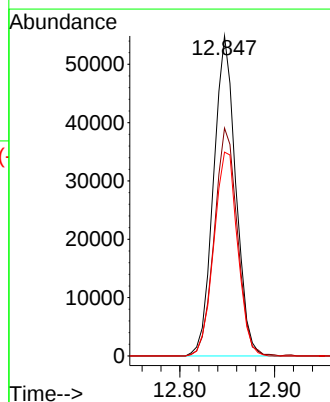
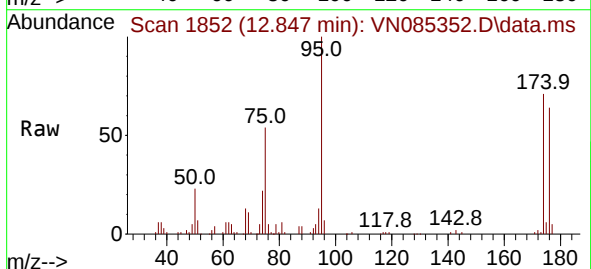
Instrument :
MSVOA_N
ClientSampleId :

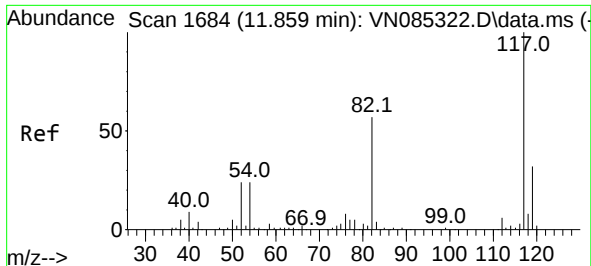
Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
58 172.8 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 47.724 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

Tgt Ion: 95 Resp: 89583
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.2
176 68.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

Instrument :

MSVOA_N

ClientSampleId :

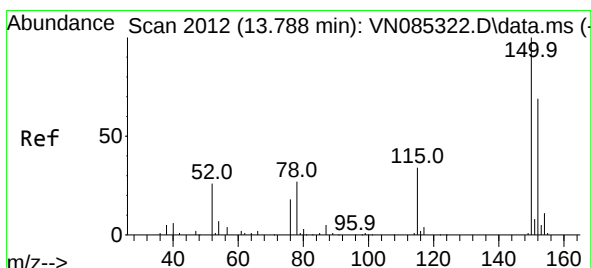
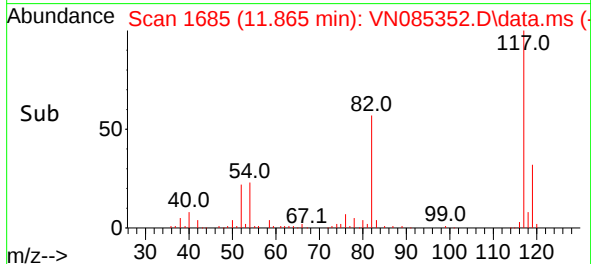
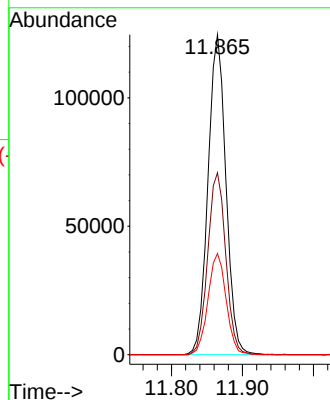
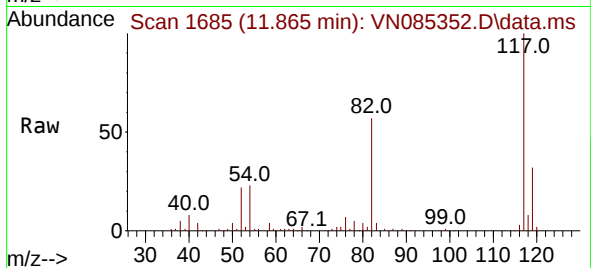
Tgt Ion:117 Resp: 218306

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085352.D

Acq: 30 Dec 2024 18:02

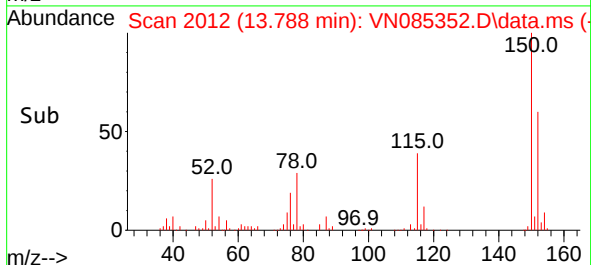
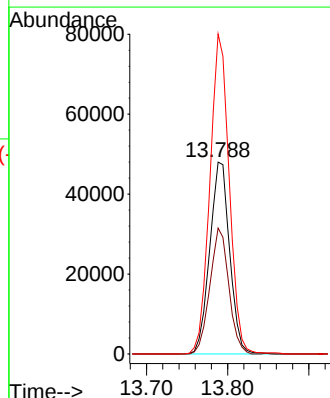
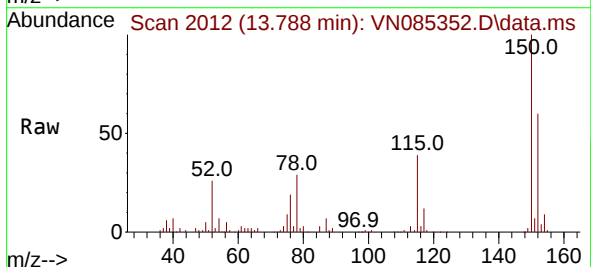
Tgt Ion:152 Resp: 81677

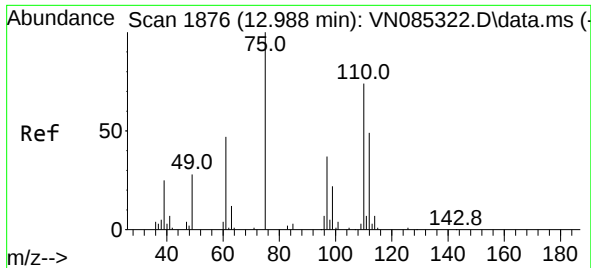
Ion Ratio Lower Upper

152 100

115 62.4 30.4 91.3

150 161.6 0.0 345.0

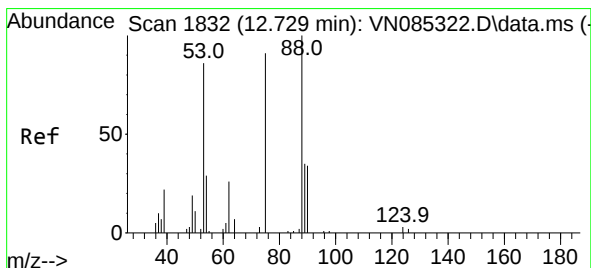
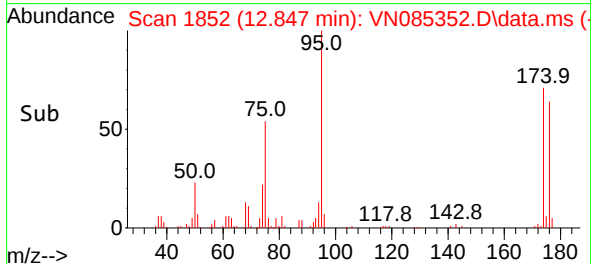
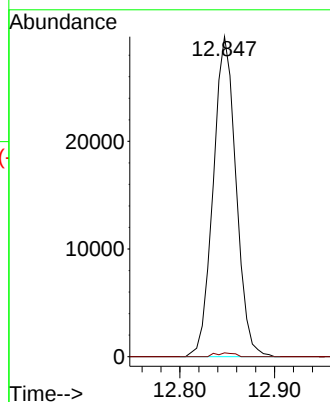
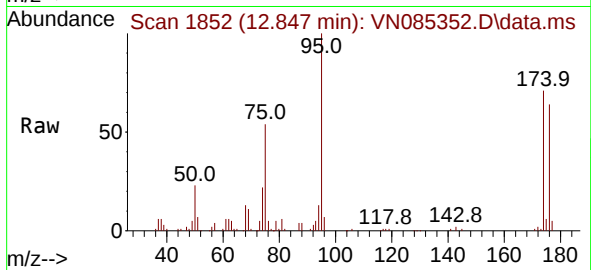




#76
1,2,3-Trichloropropane
Concen: 32.674 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 49835
Ion Ratio Lower Upper
75 100
77 1.0 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.249 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085352.D
Acq: 30 Dec 2024 18:02

Tgt Ion: 75 Resp: 49835
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#

