

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085348.D
 Acq On : 30 Dec 2024 16:26
 Operator : JC\MD
 Sample : P5369-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:15:53 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)

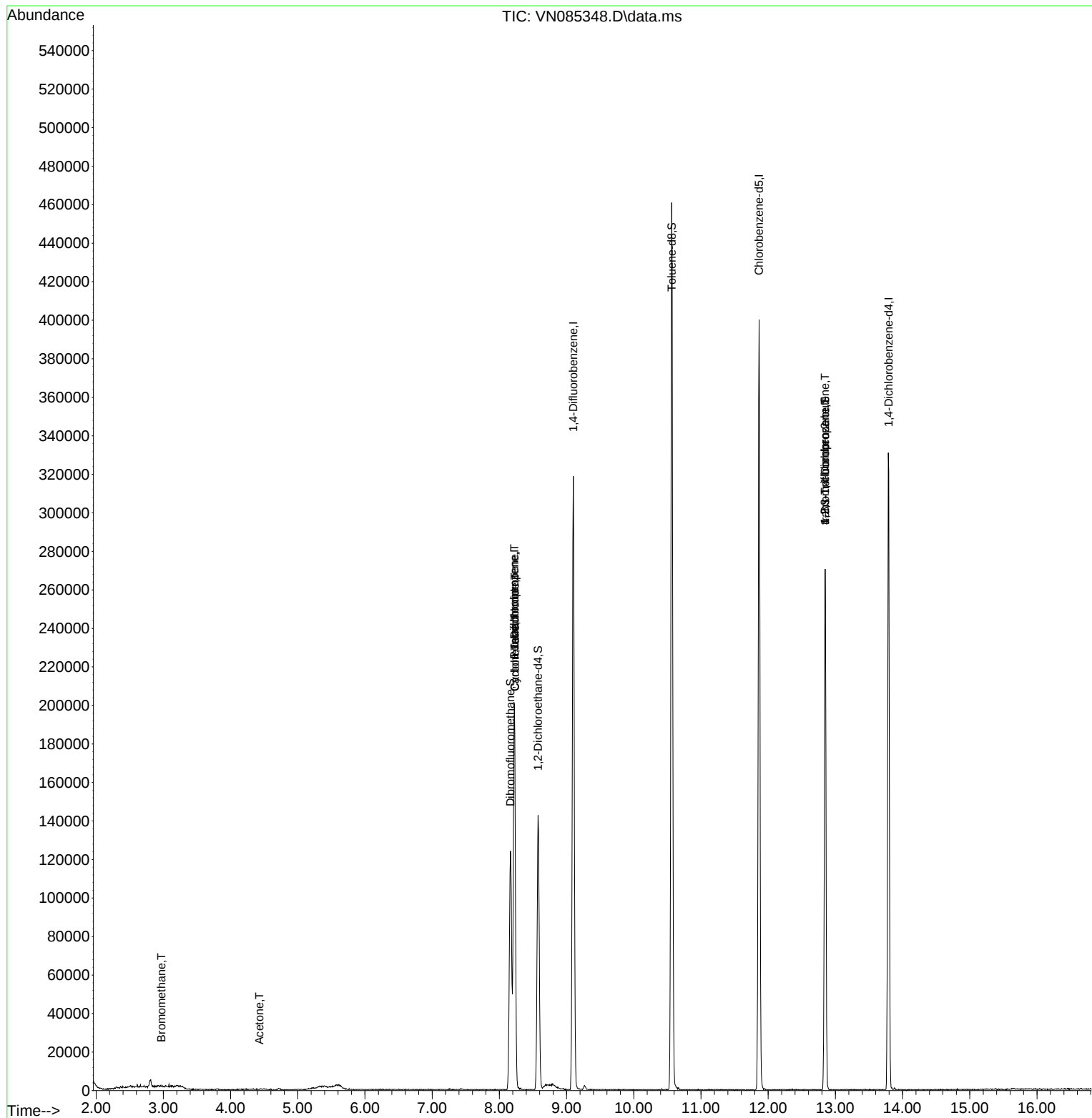
Internal Standards						
1) Pentafluorobenzene	8.224	168	135285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	116057	60.147	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.300%		
35) Dibromofluoromethane	8.165	113	88300	55.479	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.960%		
50) Toluene-d8	10.565	98	308884	52.887	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.780%		
62) 4-Bromofluorobenzene	12.847	95	88681	45.720	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.440%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	434	0.305	ug/l #	72
16) Acetone	4.430	43	337	0.531	ug/l #	44
31) Cyclohexane	8.229	56	3735	1.310	ug/l #	16
36) 1,1-Dichloropropene	8.224	75	12681	5.442	ug/l #	51
38) Carbon Tetrachloride	8.229	117	15287	6.018	ug/l #	16
76) 1,2,3-Trichloropropane	12.847	75	50176	32.213	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	50176	77.145	ug/l #	10

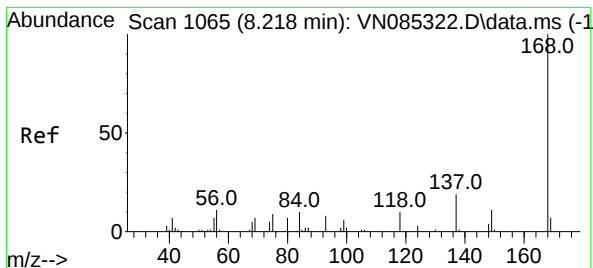
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085348.D

Acq: 30 Dec 2024 16:26

Instrument :

MSVOA_N

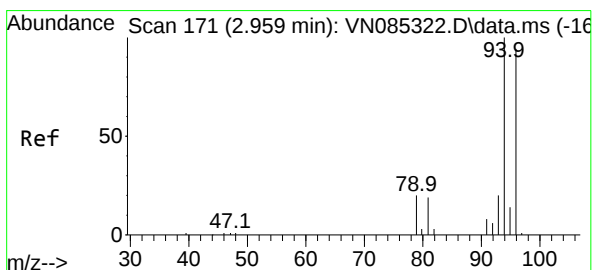
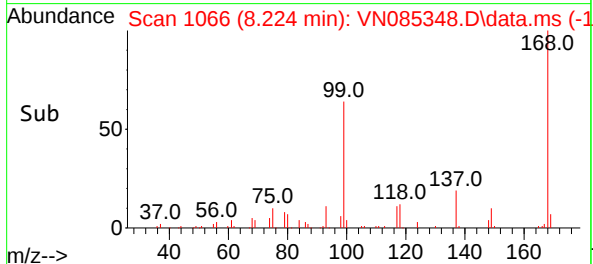
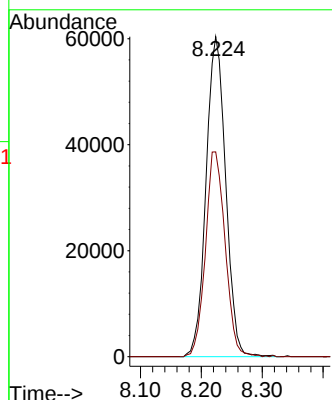
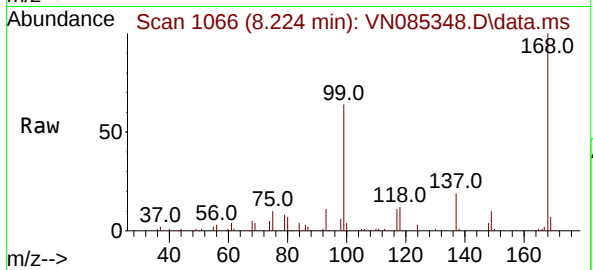
ClientSampleId :

Tgt Ion:168 Resp: 135285

Ion Ratio Lower Upper

168 100

99 64.0 51.0 76.4



#5

Bromomethane

Concen: 0.305 ug/l

RT: 2.971 min Scan# 173

Delta R.T. 0.012 min

Lab File: VN085348.D

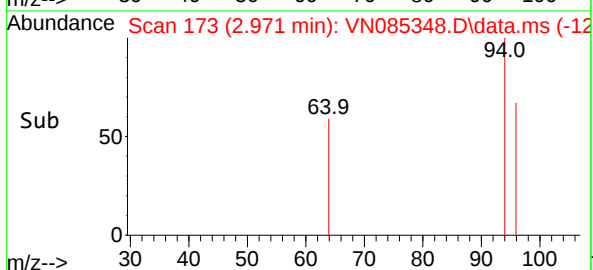
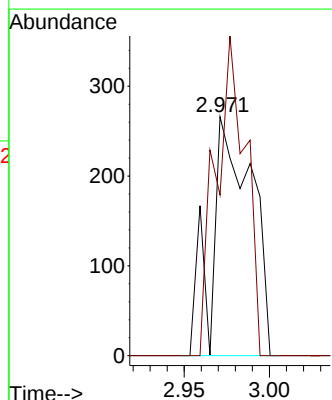
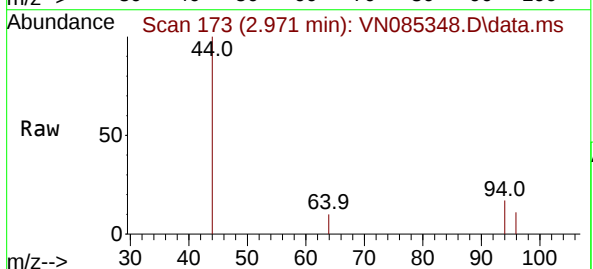
Acq: 30 Dec 2024 16:26

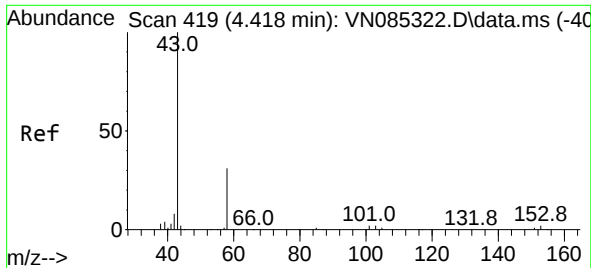
Tgt Ion: 94 Resp: 434

Ion Ratio Lower Upper

94 100

96 67.3 75.2 112.8#

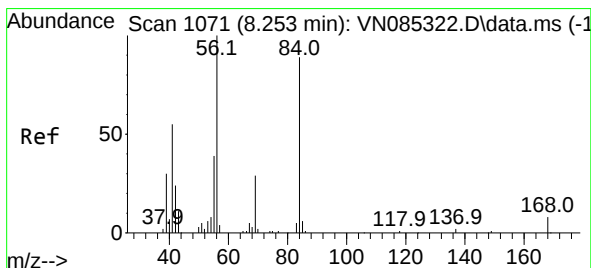
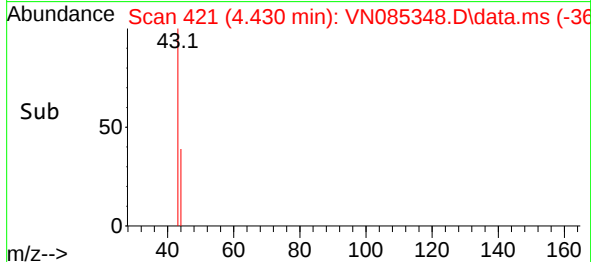
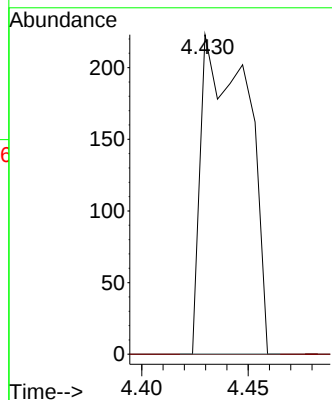
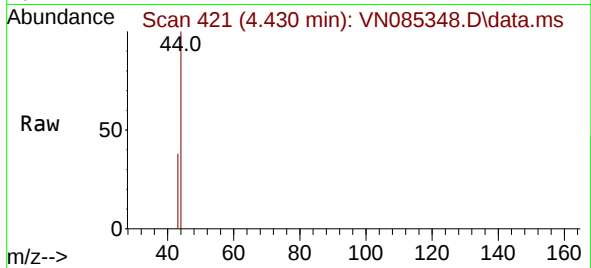




#16
Acetone
Concen: 0.531 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085348.D
Acq: 30 Dec 2024 16:26

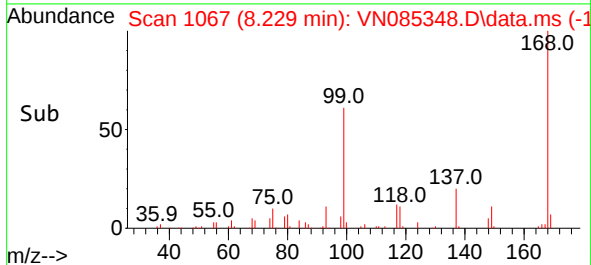
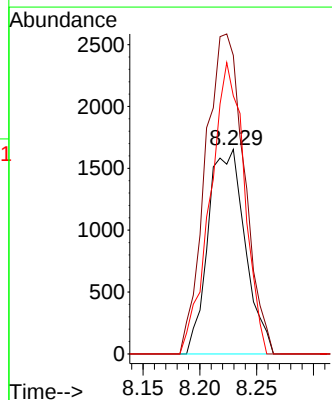
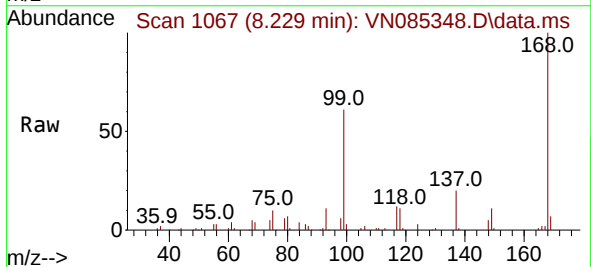
Instrument :
MSVOA_N
ClientSampleId :

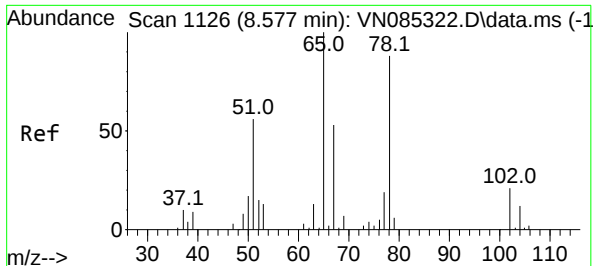
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.310 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085348.D
Acq: 30 Dec 2024 16:26

Tgt Ion: 56 Resp: 3735
Ion Ratio Lower Upper
56 100
69 146.0 23.4 35.0#
84 126.1 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 60.147 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085348.D

Acq: 30 Dec 2024 16:26

Instrument :

MSVOA_N

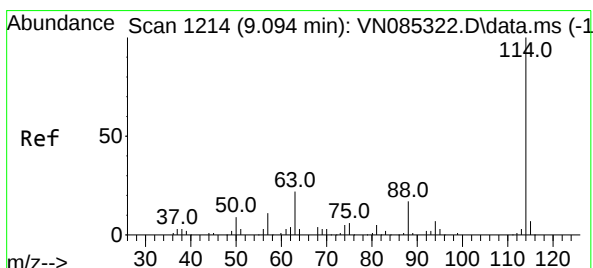
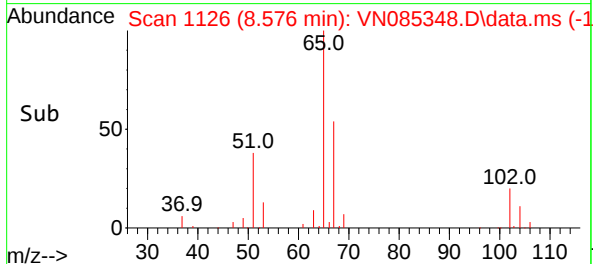
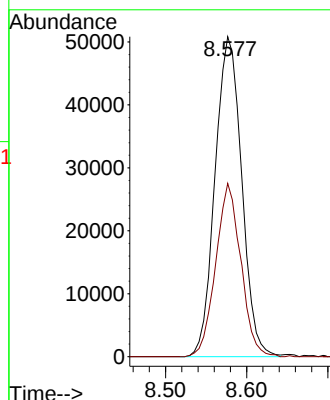
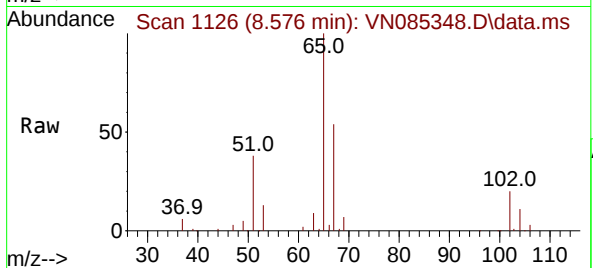
ClientSampleId :

Tgt Ion: 65 Resp: 116057

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# 1215

Delta R.T. 0.006 min

Lab File: VN085348.D

Acq: 30 Dec 2024 16:26

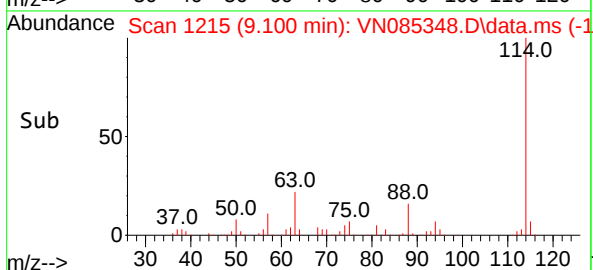
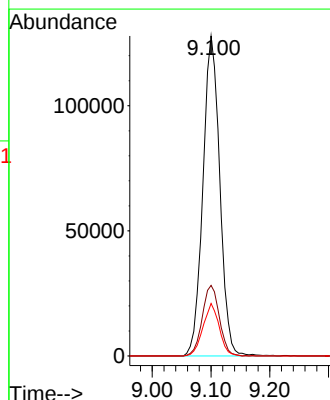
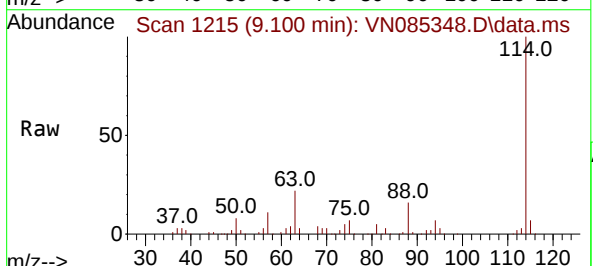
Tgt Ion: 114 Resp: 255124

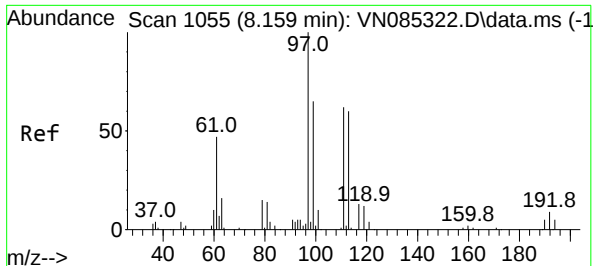
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.479 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085348.D

Acq: 30 Dec 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

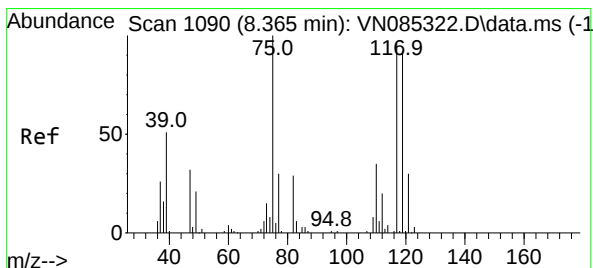
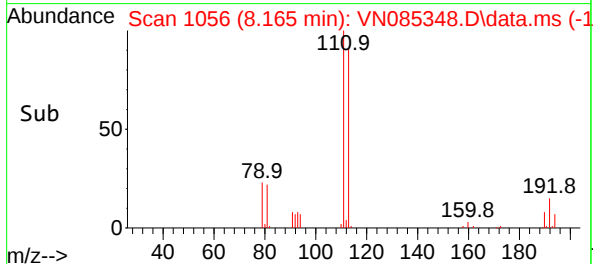
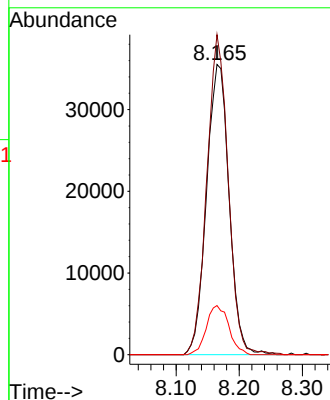
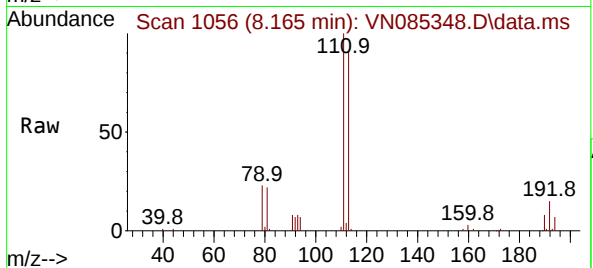
Tgt Ion:113 Resp: 88300

Ion Ratio Lower Upper

113 100

111 104.5 80.5 120.7

192 16.9 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.442 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085348.D

Acq: 30 Dec 2024 16:26

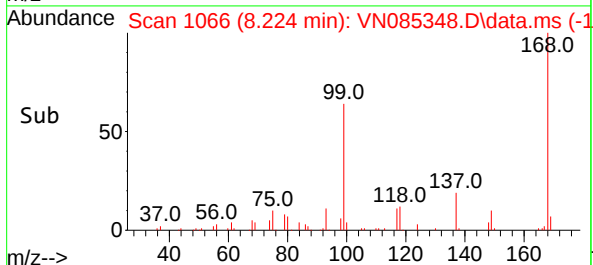
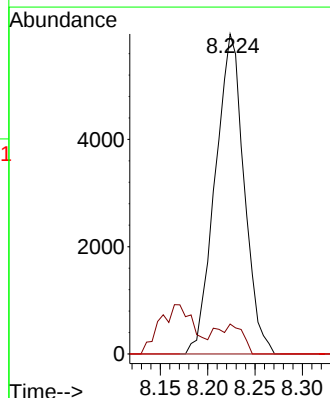
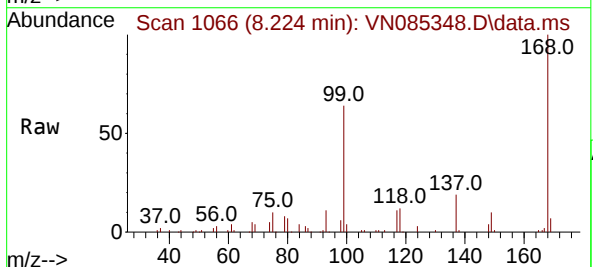
Tgt Ion: 75 Resp: 12681

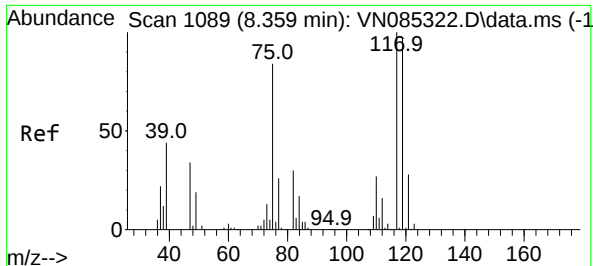
Ion Ratio Lower Upper

75 100

110 8.6 16.6 49.8#

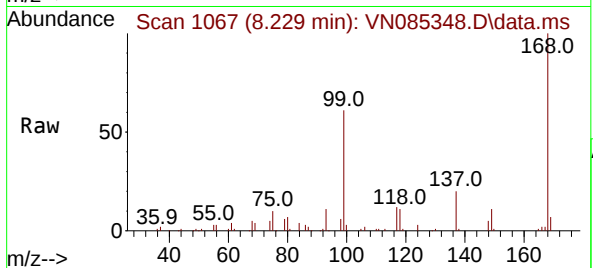
77 0.0 24.3 36.5#



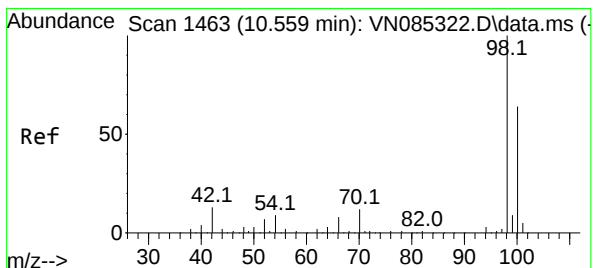
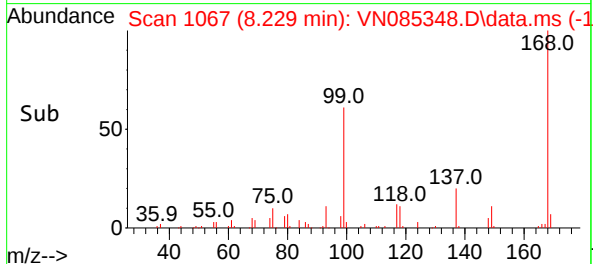
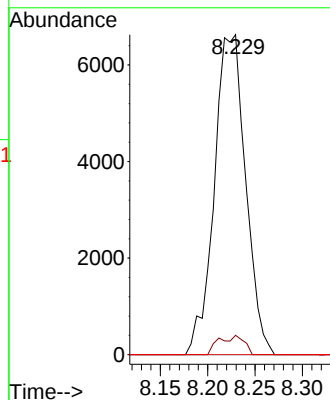


#38
Carbon Tetrachloride
Concen: 6.018 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN085348.D
Acq: 30 Dec 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :

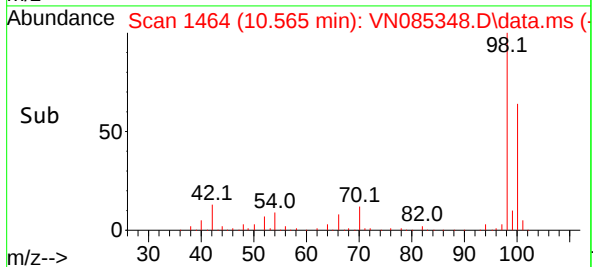
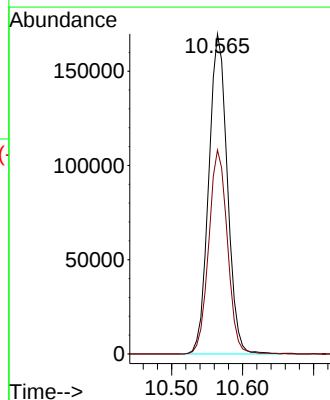
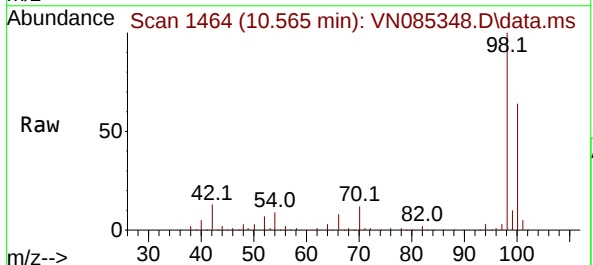


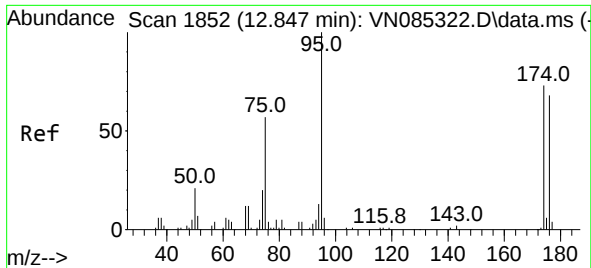
Tgt Ion:117 Resp: 15287
Ion Ratio Lower Upper
117 100
119 6.1 77.8 116.6#
121 0.0 22.5 33.7#



#50
Toluene-d8
Concen: 52.887 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085348.D
Acq: 30 Dec 2024 16:26

Tgt Ion: 98 Resp: 308884
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

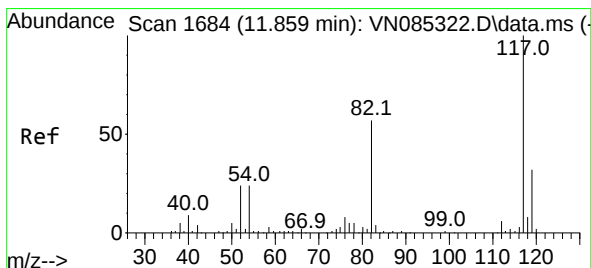
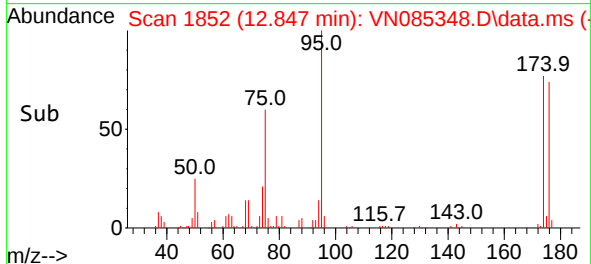
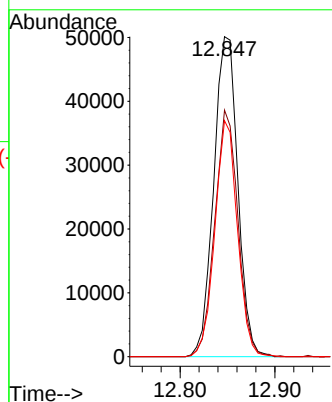
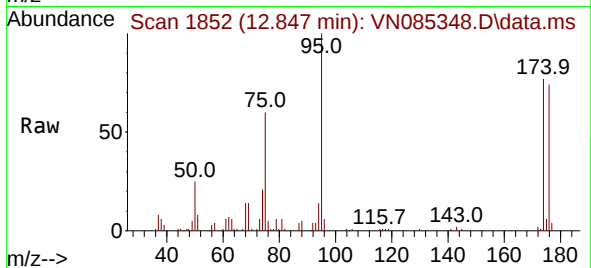




#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085348.D
Acq: 30 Dec 2024 16:26

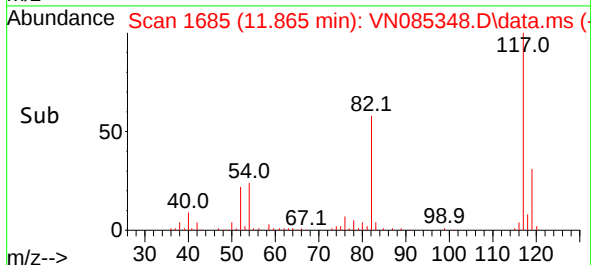
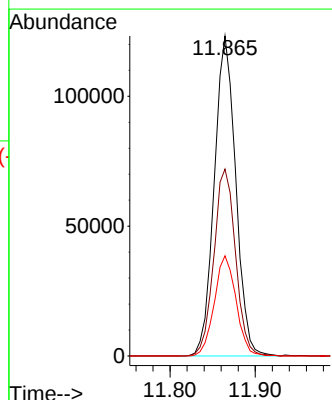
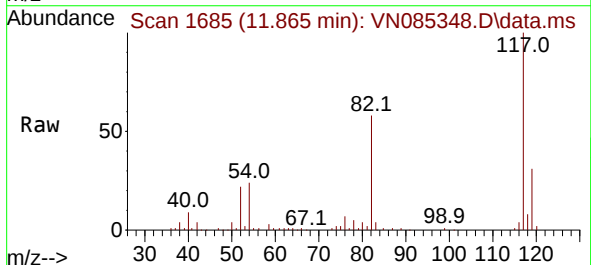
Instrument :
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ClientSampleId :

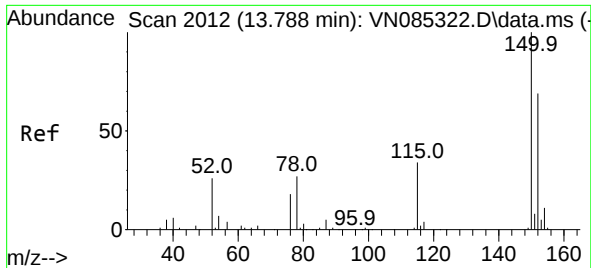
Tgt Ion: 95 Resp: 88681
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.2
176 69.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085348.D
Acq: 30 Dec 2024 16:26

Tgt Ion: 117 Resp: 215313
Ion Ratio Lower Upper
117 100
82 58.4 45.7 68.5
119 31.3 25.8 38.8

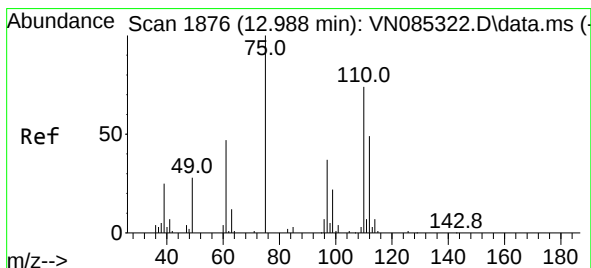
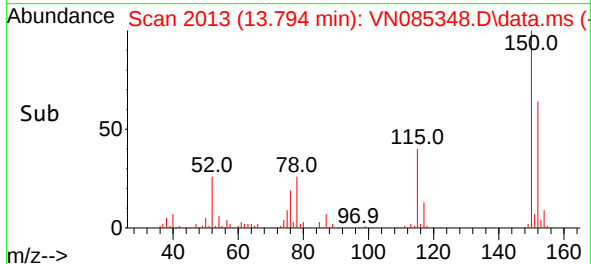
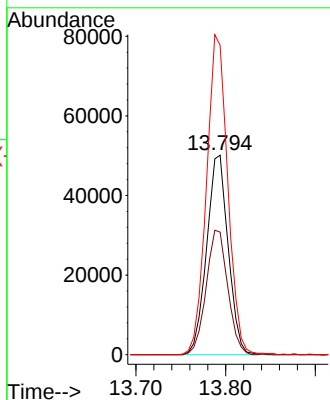
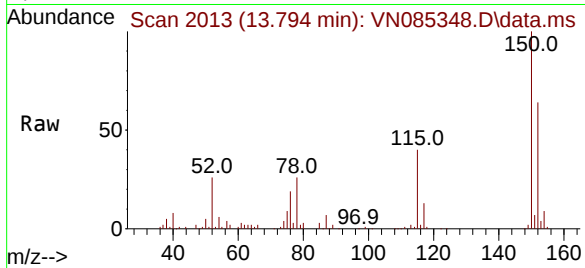




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN085348.D
 Acq: 30 Dec 2024 16:26

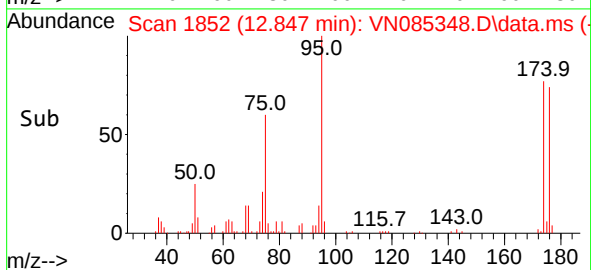
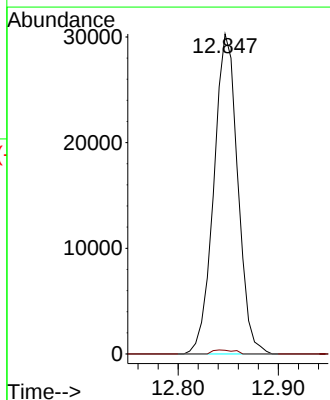
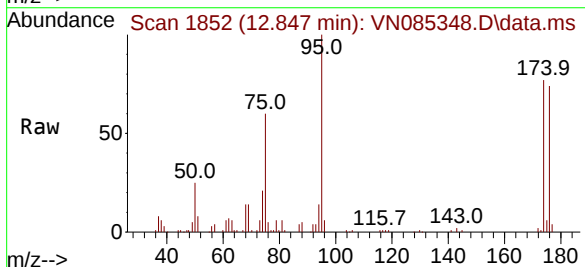
Instrument :
 MSVOA_N
 ClientSampleId :

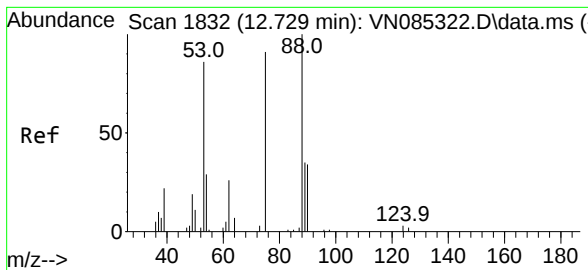
Tgt Ion:152 Resp: 83413
 Ion Ratio Lower Upper
 152 100
 115 62.7 30.4 91.3
 150 158.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 32.213 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085348.D
 Acq: 30 Dec 2024 16:26

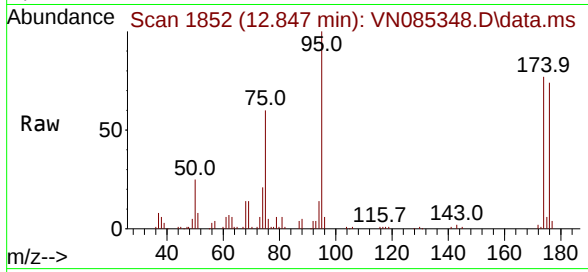
Tgt Ion: 75 Resp: 50176
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.1 294.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.145 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN085348.D
 Acq: 30 Dec 2024 16:26

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 50176
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.0 120.0#
 89 0.0 35.8 53.8#

