

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083722.D
 Acq On : 09 Sep 2024 17:24
 Operator : JC\MD
 Sample : P3815-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-05-134.8-083024DL

Quant Time: Sep 10 02:13:31 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)

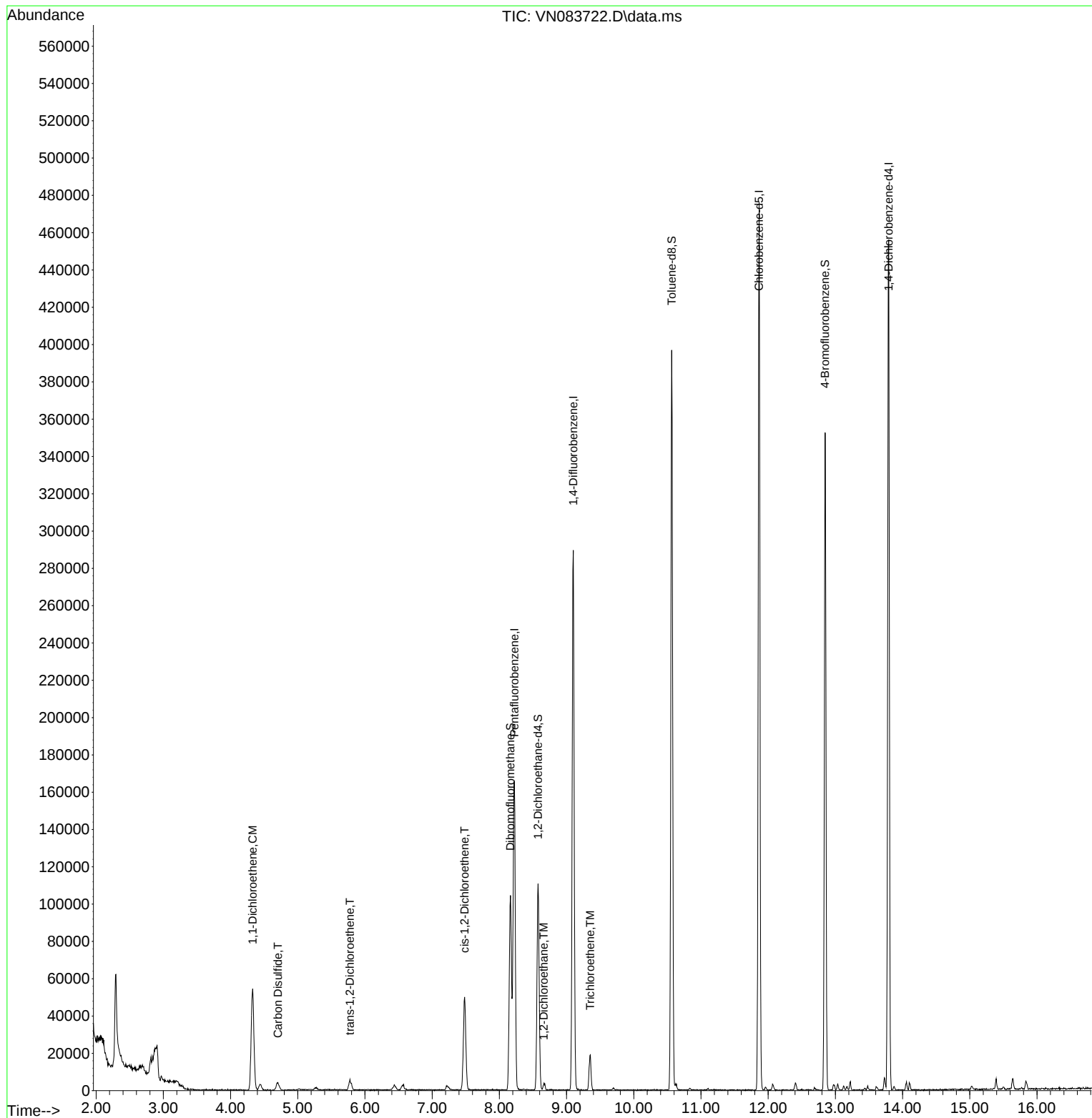
Internal Standards						
1) Pentafluorobenzene	8.224	168	117993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94976	57.594	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.180%	
35) Dibromofluoromethane	8.165	113	74306	51.560	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.120%	
50) Toluene-d8	10.565	98	265224	47.269	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.540%	
62) 4-Bromofluorobenzene	12.847	95	120245	57.838	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.680%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.330	96	31649	24.484	ug/l	90
17) Carbon Disulfide	4.706	76	9528	2.529	ug/l #	92
21) trans-1,2-Dichloroethene	5.777	96	3175	2.358	ug/l	89
27) cis-1,2-Dichloroethene	7.482	96	28397	17.674	ug/l	89
42) 1,2-Dichloroethane	8.659	62	3315	1.322	ug/l	81
44) Trichloroethene	9.353	130	6827	4.197	ug/l	94

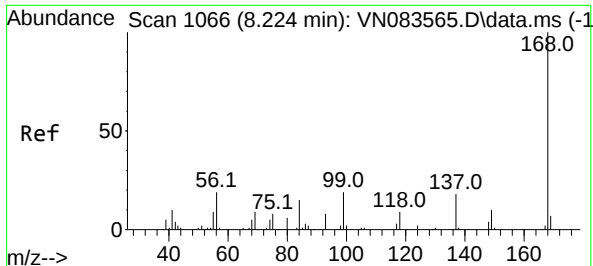
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OWBR-05-134.8-083024DL

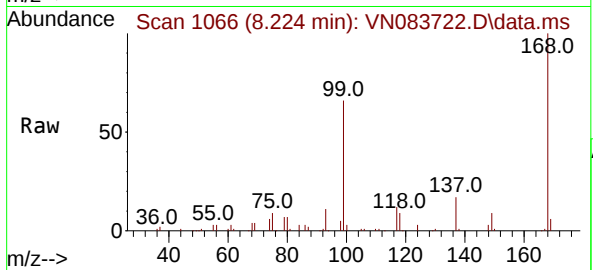
Quant Time: Sep 10 02:13:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
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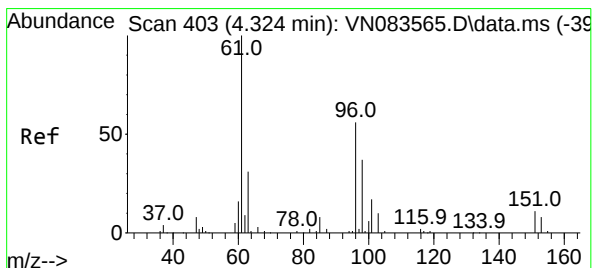
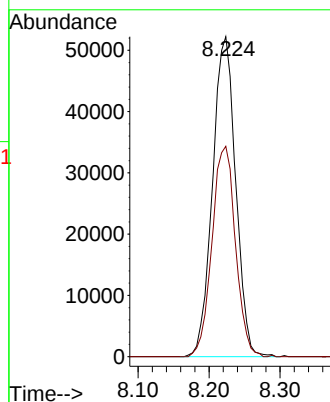
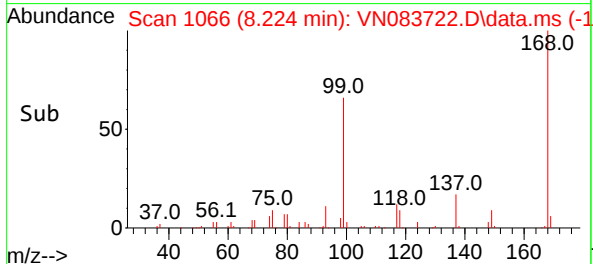


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083722.D
Acq: 09 Sep 2024 17:24

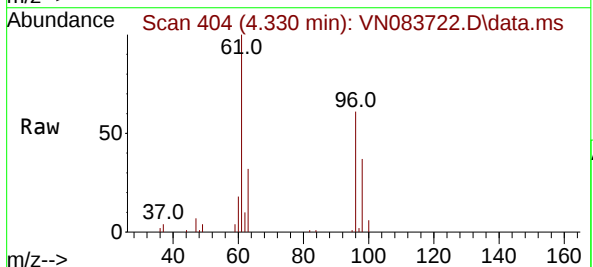
Instrument :
MSVOA_N
ClientSampleId :
OWBR-05-134.8-083024DL



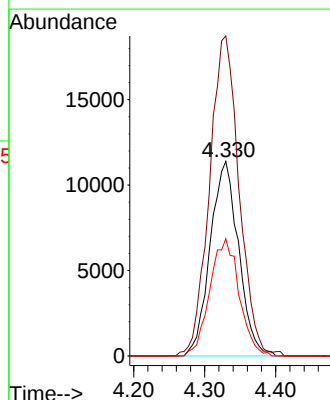
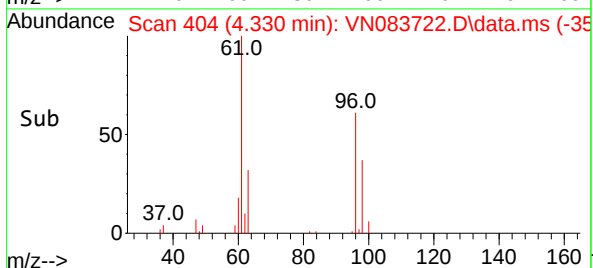
Tgt Ion:168 Resp: 117993
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2

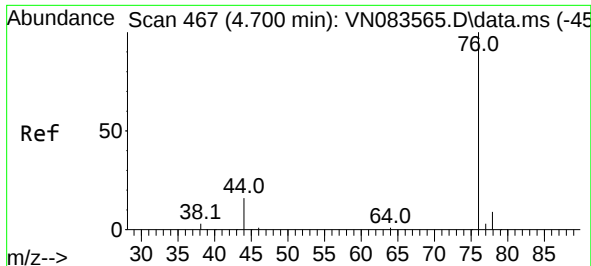


#12
1,1-Dichloroethene
Concen: 24.484 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083722.D
Acq: 09 Sep 2024 17:24



Tgt Ion: 96 Resp: 31649
Ion Ratio Lower Upper
96 100
61 162.6 143.4 215.0
98 60.3 52.7 79.1





#17

Carbon Disulfide

Concen: 2.529 ug/l

RT: 4.706 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN083722.D

Acq: 09 Sep 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

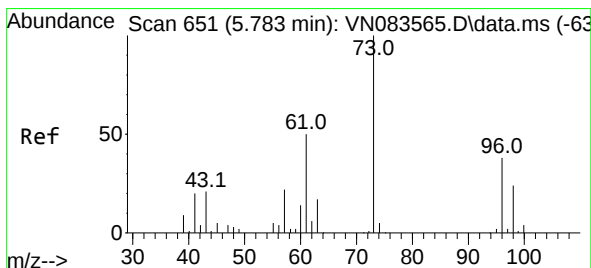
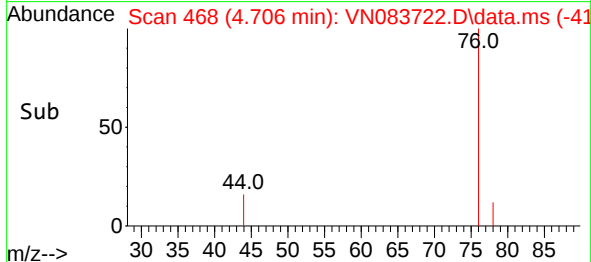
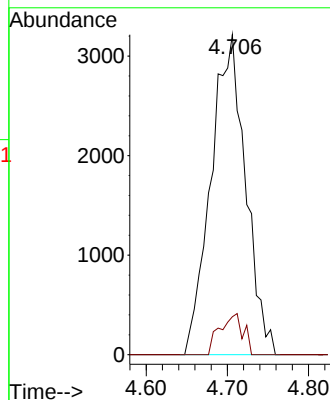
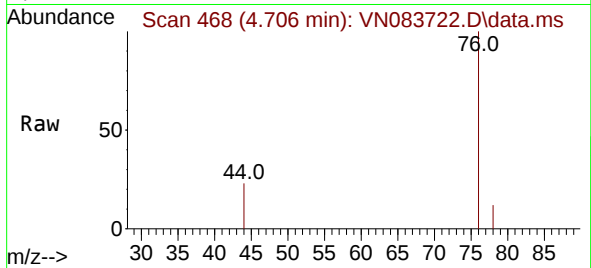
OWBR-05-134.8-083024DL

Tgt Ion: 76 Resp: 9528

Ion Ratio Lower Upper

76 100

78 11.9 7.1 10.7#



#21

trans-1,2-Dichloroethene

Concen: 2.358 ug/l

RT: 5.777 min Scan# 650

Delta R.T. -0.006 min

Lab File: VN083722.D

Acq: 09 Sep 2024 17:24

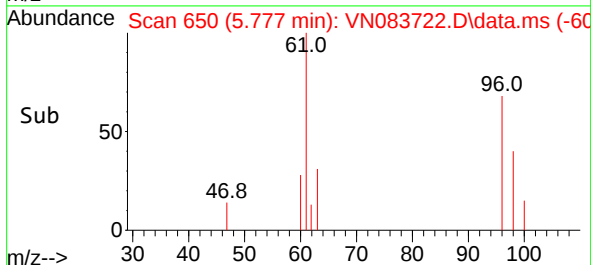
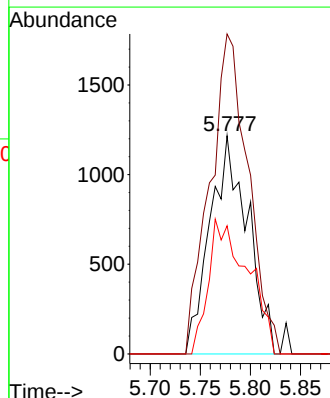
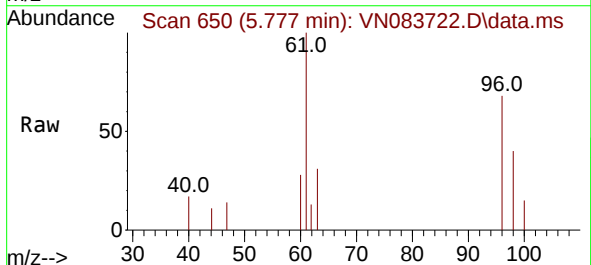
Tgt Ion: 96 Resp: 3175

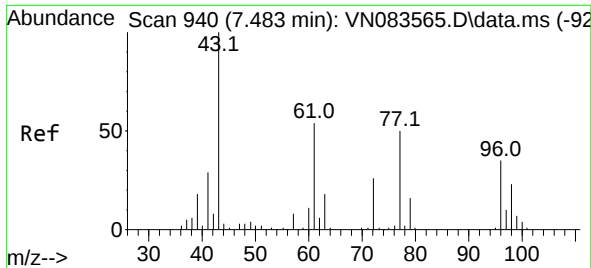
Ion Ratio Lower Upper

96 100

61 146.7 106.0 159.0

98 58.8 52.2 78.2



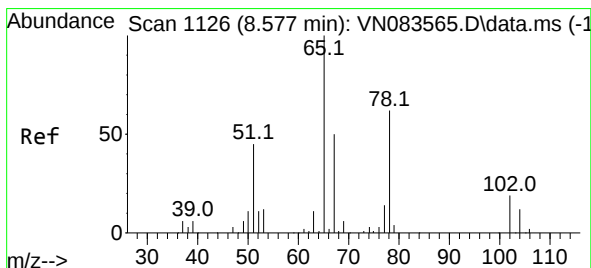
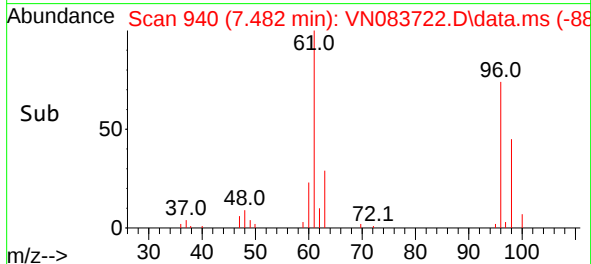
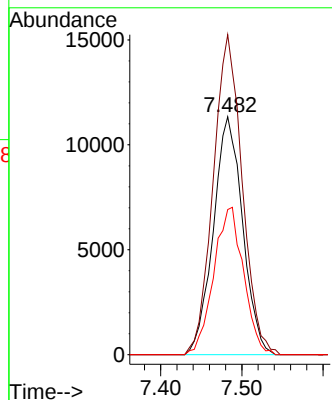
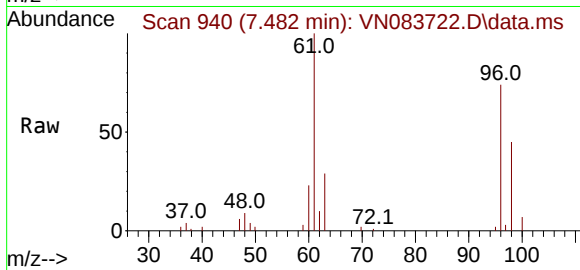


#27
 cis-1,2-Dichloroethene
 Concen: 17.674 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083722.D
 Acq: 09 Sep 2024 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-05-134.8-083024DL

Tgt Ion: 96 Resp: 28397

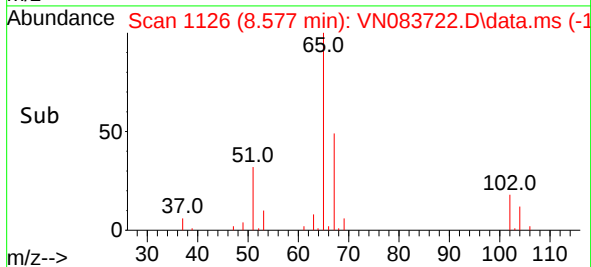
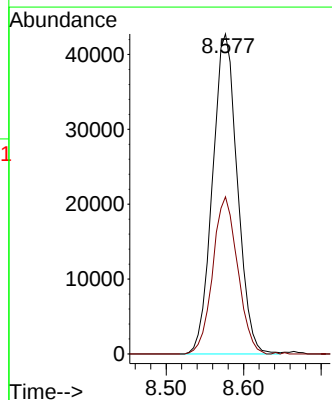
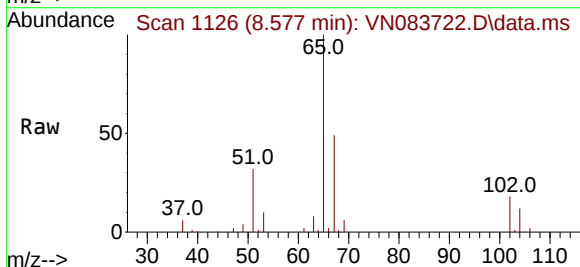
Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	306.2
98	63.1	0.0	128.6

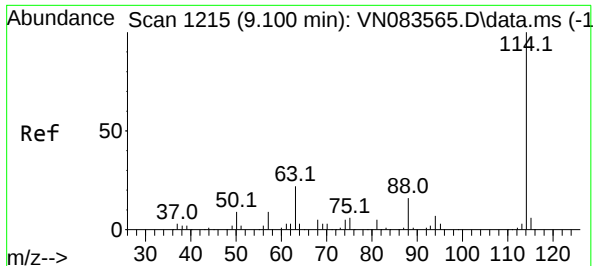


#33
 1,2-Dichloroethane-d4
 Concen: 57.594 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083722.D
 Acq: 09 Sep 2024 17:24

Tgt Ion: 65 Resp: 94976

Ion	Ratio	Lower	Upper
65	100		
67	49.3	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: VN083722.D

Acq: 09 Sep 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

OWBR-05-134.8-083024DL

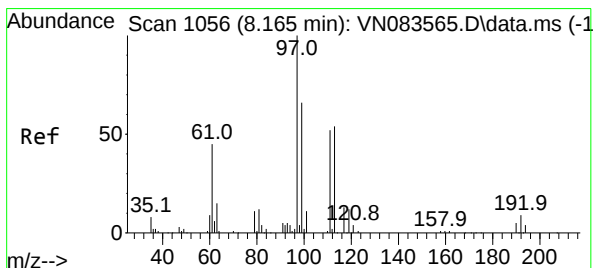
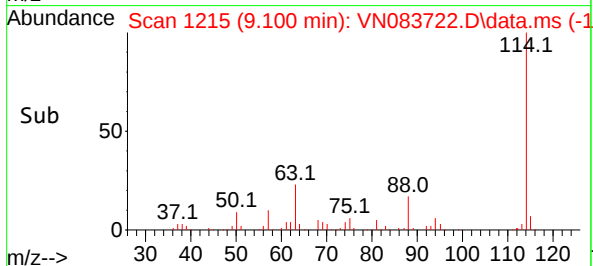
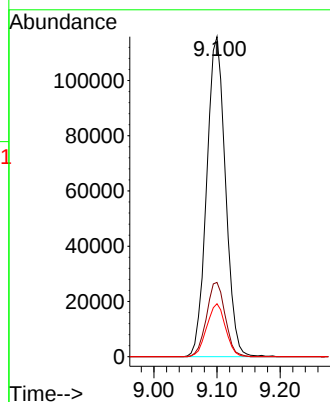
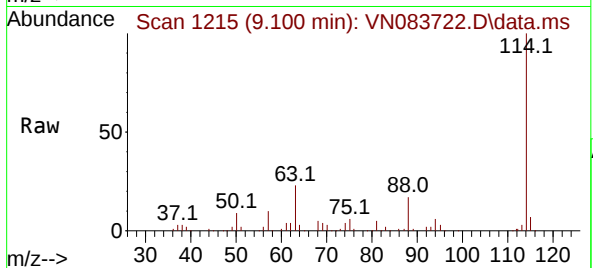
Tgt Ion:114 Resp: 239444

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.560 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083722.D

Acq: 09 Sep 2024 17:24

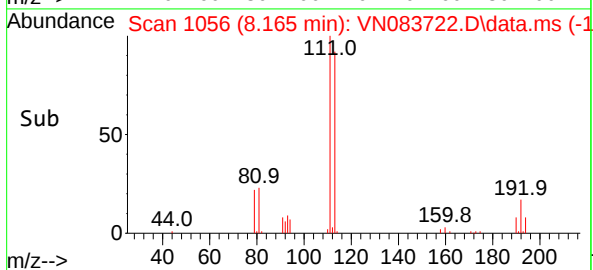
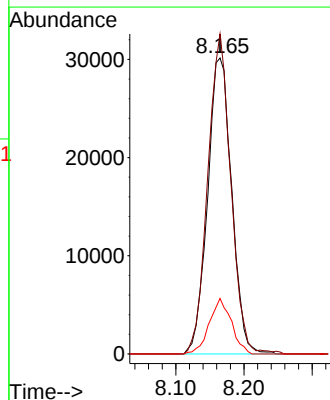
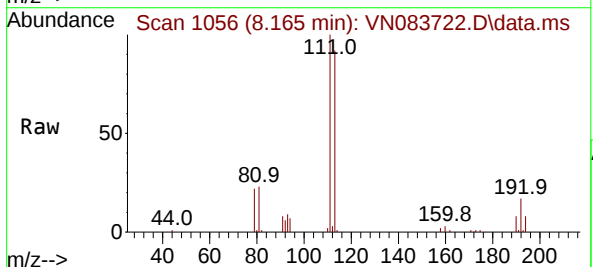
Tgt Ion:113 Resp: 74306

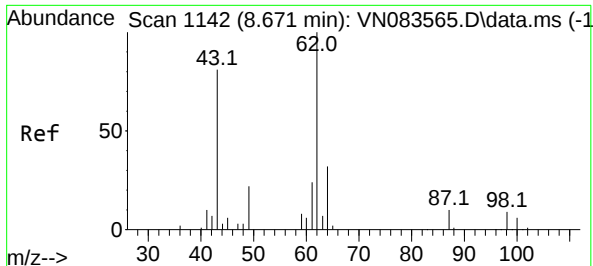
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.2 14.3 21.5





#42

1,2-Dichloroethane

Concen: 1.322 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.012 min

Lab File: VN083722.D

Acq: 09 Sep 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

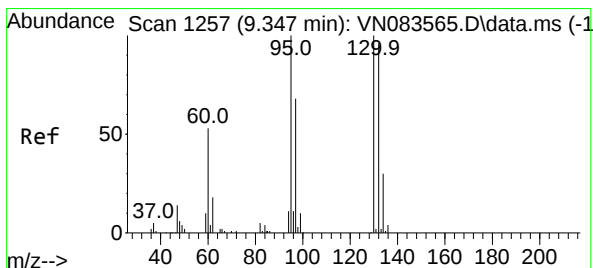
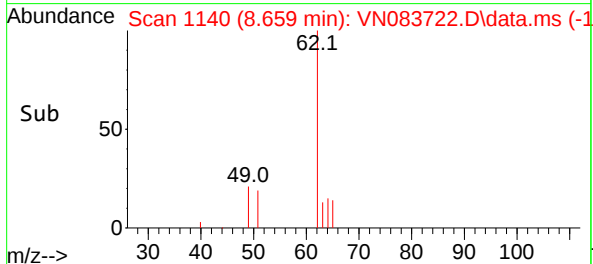
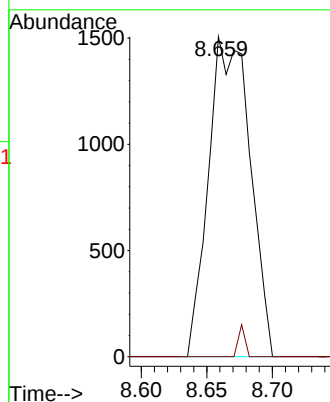
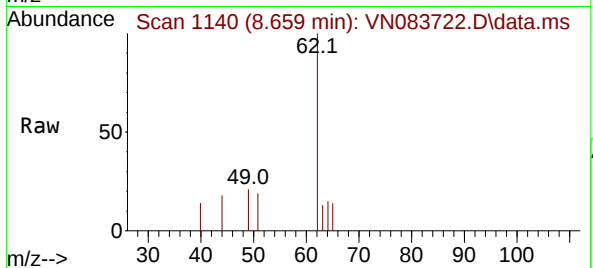
OWBR-05-134.8-083024DL

Tgt Ion: 62 Resp: 3315

Ion Ratio Lower Upper

62 100

98 1.6 0.0 16.6



#44

Trichloroethene

Concen: 4.197 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN083722.D

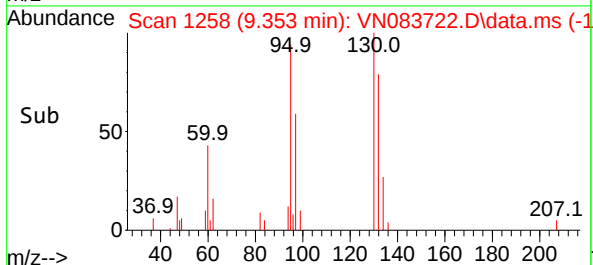
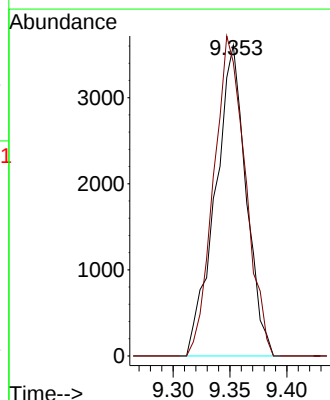
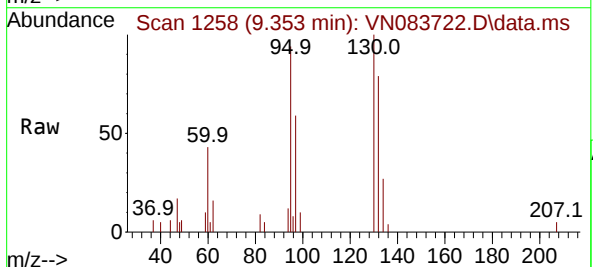
Acq: 09 Sep 2024 17:24

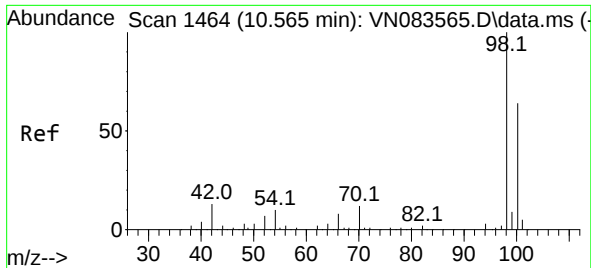
Tgt Ion:130 Resp: 6827

Ion Ratio Lower Upper

130 100

95 94.5 0.0 200.4

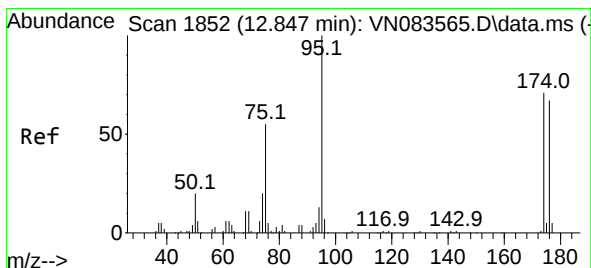
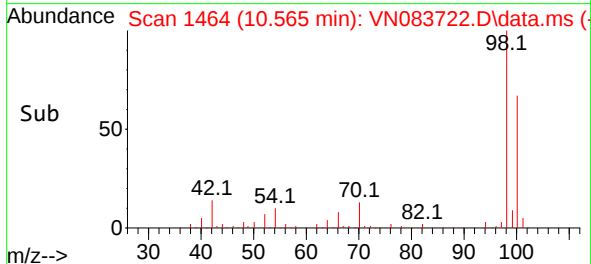
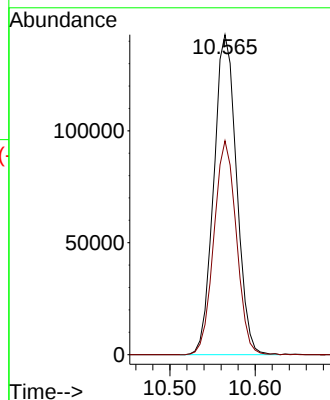
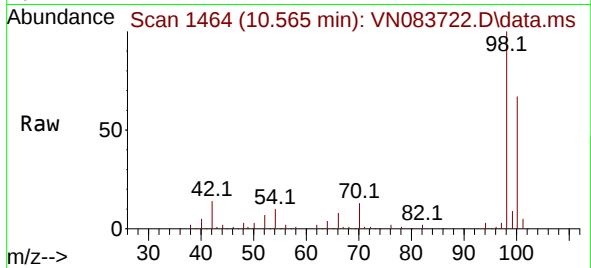




#50
Toluene-d8
Concen: 47.269 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083722.D
Acq: 09 Sep 2024 17:24

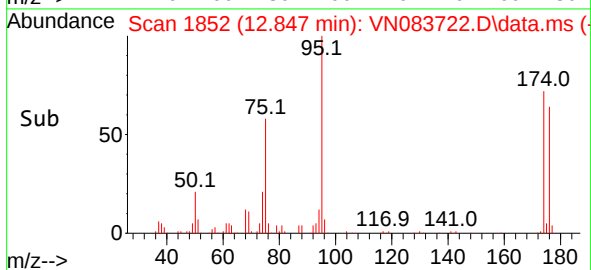
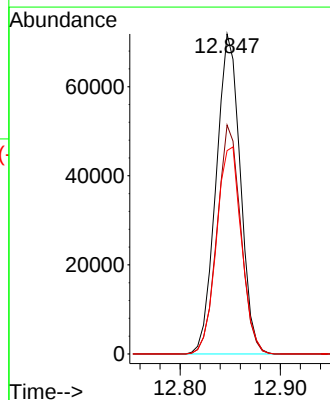
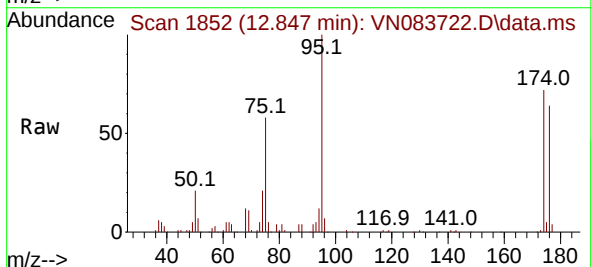
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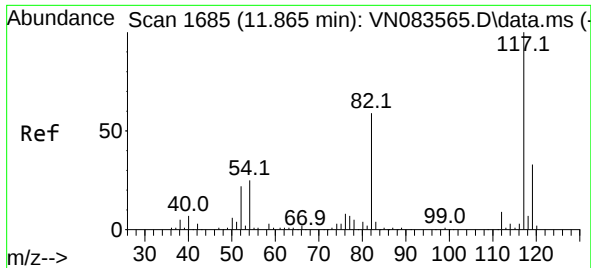
Tgt Ion: 98 Resp: 265224
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.838 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083722.D
Acq: 09 Sep 2024 17:24

Tgt Ion: 95 Resp: 120245
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 67.3 0.0 131.4

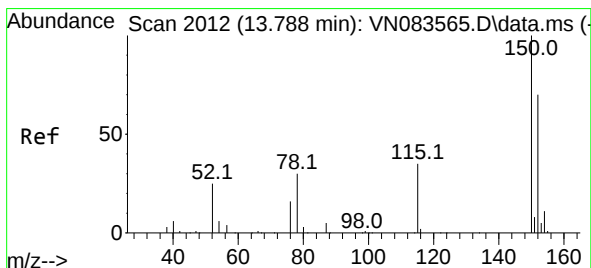
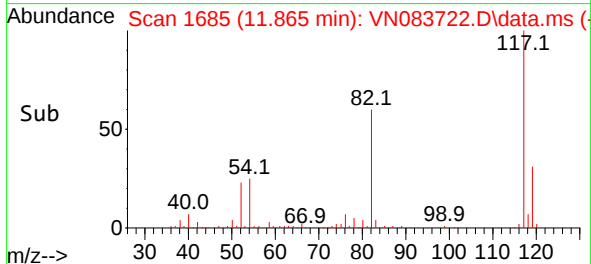
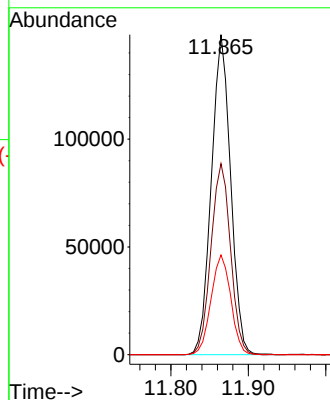
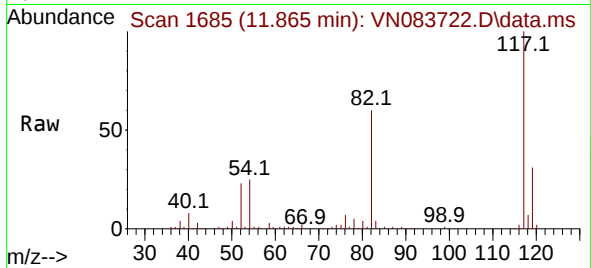




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083722.D
Acq: 09 Sep 2024 17:24

Instrument :
MSVOA_N
ClientSampleId :
OWBR-05-134.8-083024DL

Tgt Ion:117 Resp: 256268
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 31.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083722.D
Acq: 09 Sep 2024 17:24

Tgt Ion:152 Resp: 118704
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 156.3 0.0 348.6

