

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083671.D
 Acq On : 05 Sep 2024 13:27
 Operator : JC\MD
 Sample : P3802-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-03-127-082924

Quant Time: Sep 06 05:16:22 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)

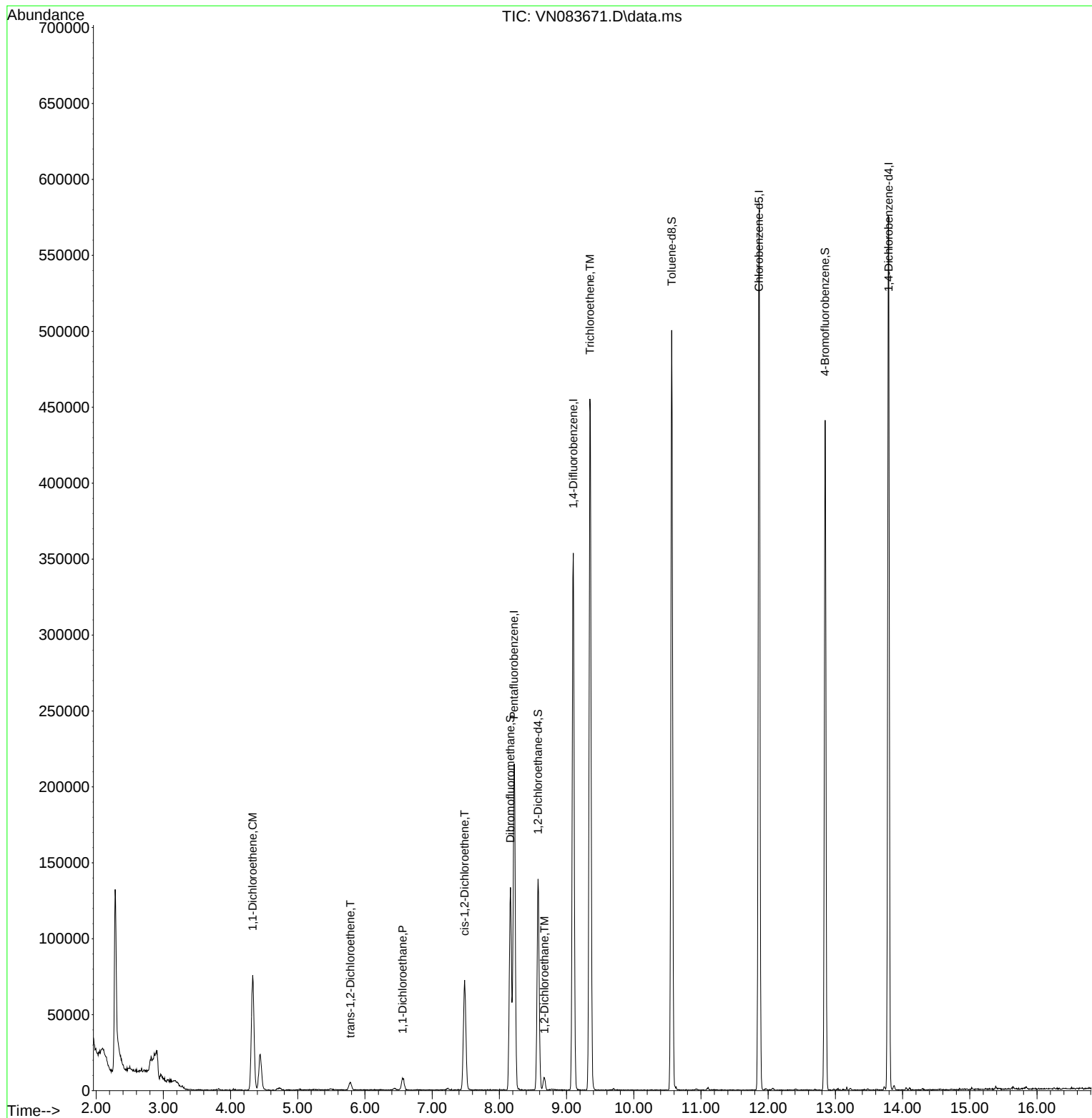
Internal Standards						
1) Pentafluorobenzene	8.218	168	147996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115197	55.694	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.380%		
35) Dibromofluoromethane	8.165	113	92753	51.757	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.520%		
50) Toluene-d8	10.565	98	329286	47.197	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.400%		
62) 4-Bromofluorobenzene	12.847	95	153412	59.342	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 118.680%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.330	96	41331	25.492	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	3209	1.900	ug/l	94
24) 1,1-Dichloroethane	6.559	63	11938	3.673	ug/l	95
27) cis-1,2-Dichloroethene	7.482	96	41818	20.751	ug/l	89
42) 1,2-Dichloroethane	8.671	62	8495	2.725	ug/l	97
44) Trichloroethene	9.347	130	153875	76.071	ug/l	92

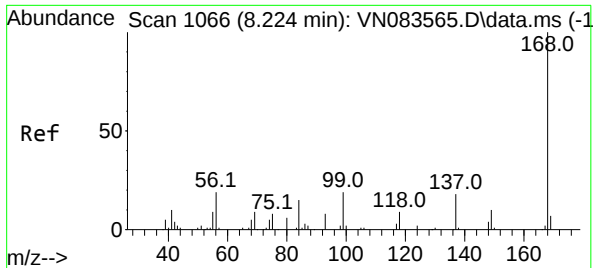
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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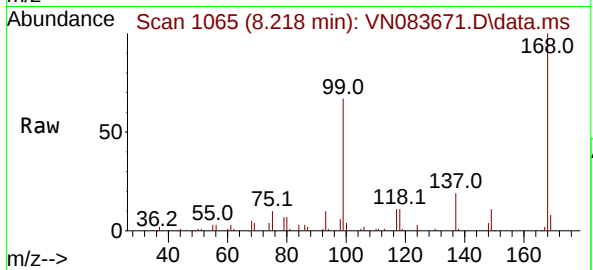
Quant Time: Sep 06 05:16:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
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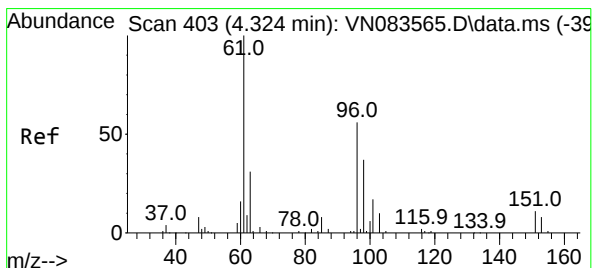
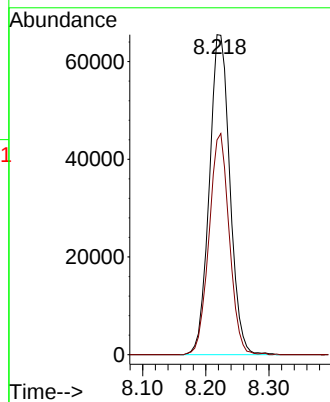
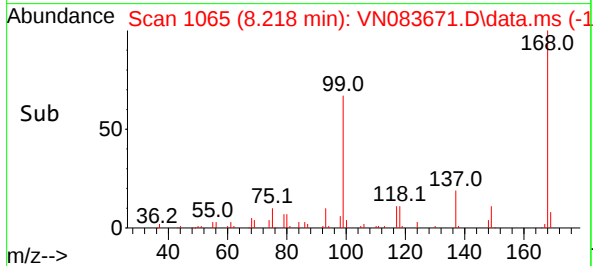


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083671.D
Acq: 05 Sep 2024 13:27

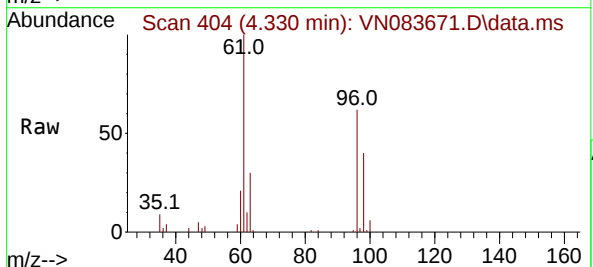
Instrument :
MSVOA_N
ClientSampleId :
BR-03-127-082924



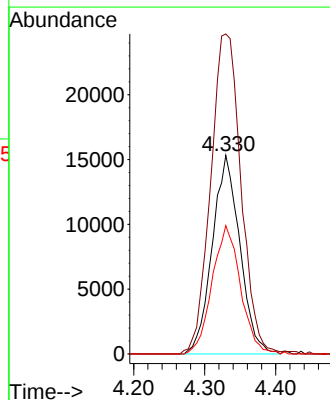
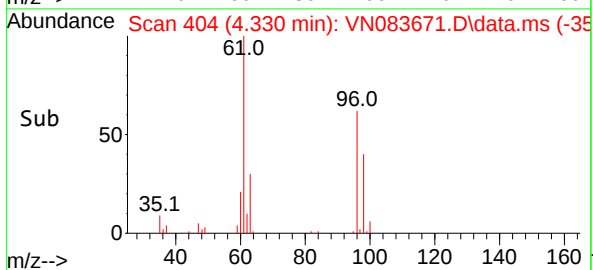
Tgt Ion:168 Resp: 147996
Ion Ratio Lower Upper
168 100
99 67.1 54.2 81.2

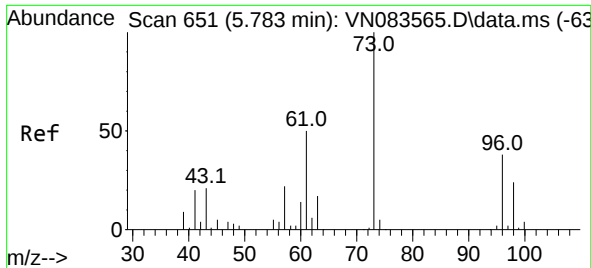


#12
1,1-Dichloroethene
Concen: 25.492 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083671.D
Acq: 05 Sep 2024 13:27



Tgt Ion: 96 Resp: 41331
Ion Ratio Lower Upper
96 100
61 161.2 143.4 215.0
98 64.7 52.7 79.1

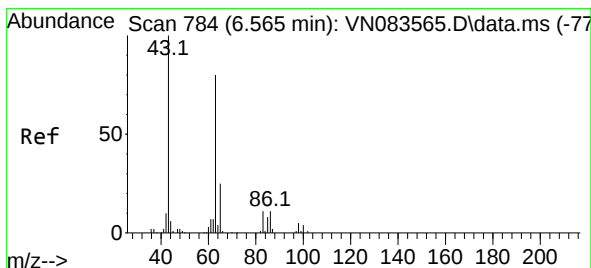
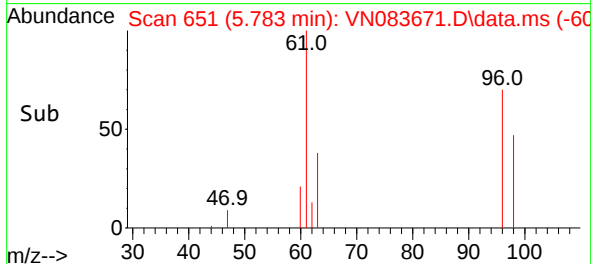
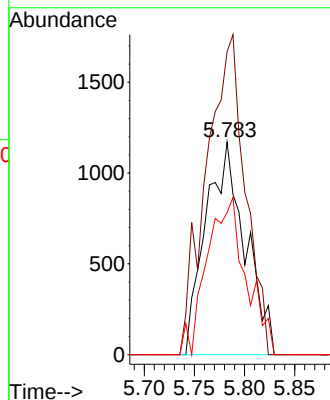
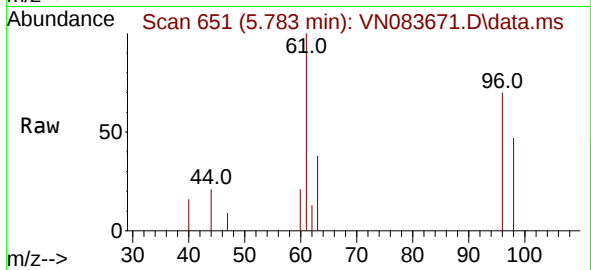




#21
trans-1,2-Dichloroethene
Concen: 1.900 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083671.D
Acq: 05 Sep 2024 13:27

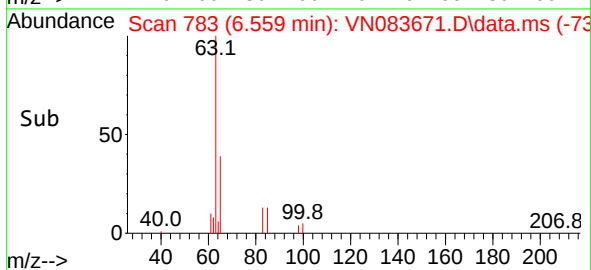
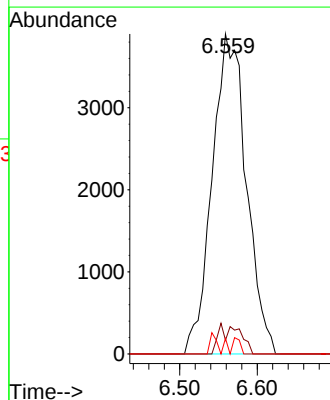
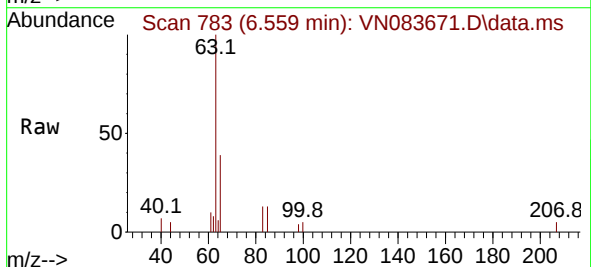
Instrument :
MSVOA_N
ClientSampleId :
BR-03-127-082924

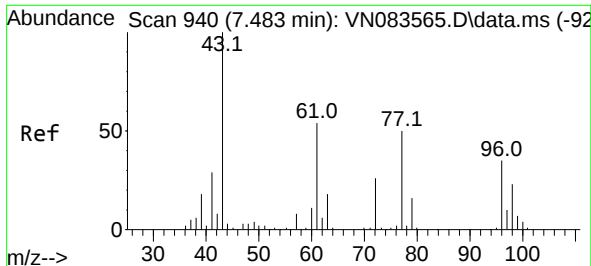
Tgt Ion: 96 Resp: 3209
Ion Ratio Lower Upper
96 100
61 142.6 106.0 159.0
98 66.9 52.2 78.2



#24
1,1-Dichloroethane
Concen: 3.673 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.006 min
Lab File: VN083671.D
Acq: 05 Sep 2024 13:27

Tgt Ion: 63 Resp: 11938
Ion Ratio Lower Upper
63 100
98 4.3 3.5 10.4
100 4.9 2.5 7.5



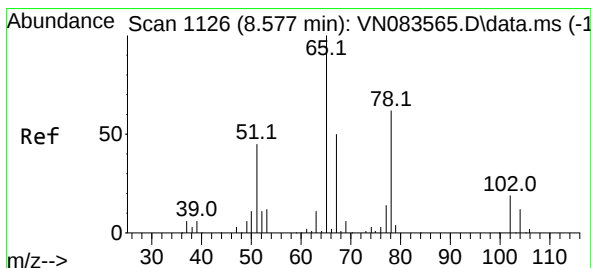
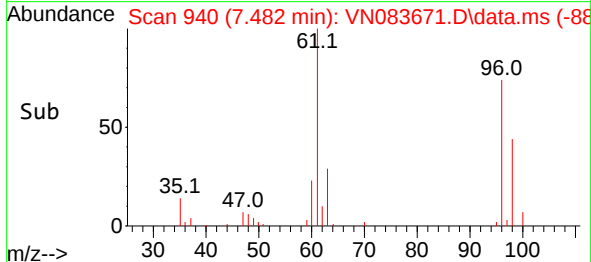
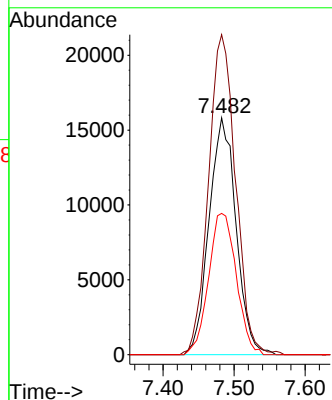
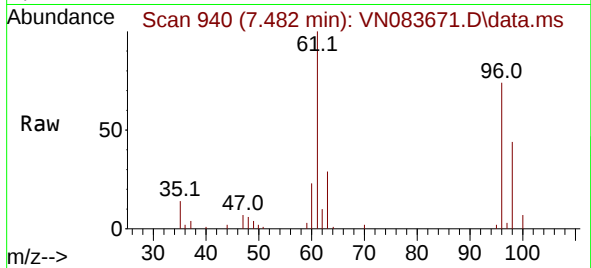


#27
 cis-1,2-Dichloroethene
 Concen: 20.751 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083671.D
 Acq: 05 Sep 2024 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-03-127-082924

Tgt Ion: 96 Resp: 41818

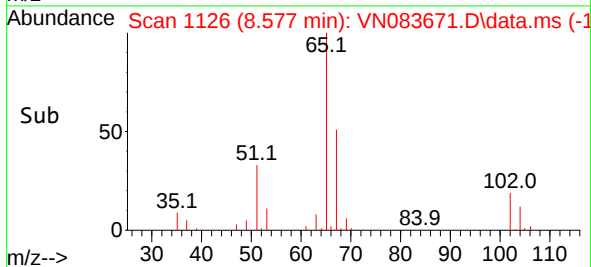
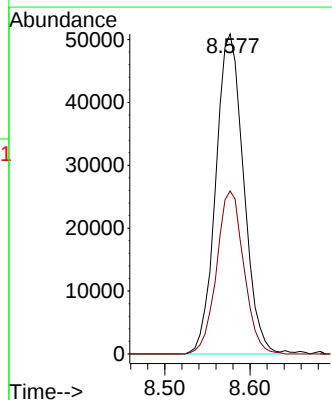
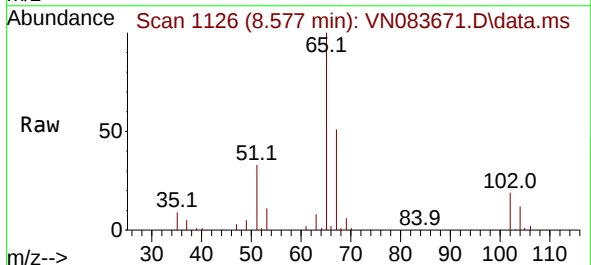
Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	306.2
98	61.2	0.0	128.6

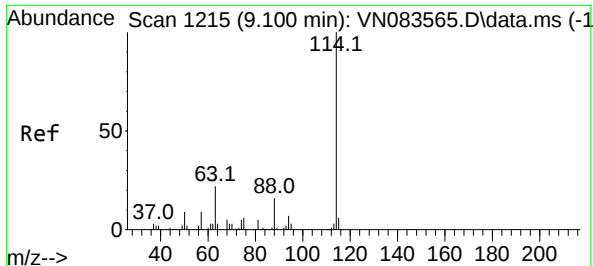


#33
 1,2-Dichloroethane-d4
 Concen: 55.694 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083671.D
 Acq: 05 Sep 2024 13:27

Tgt Ion: 65 Resp: 115197

Ion	Ratio	Lower	Upper
65	100		
67	49.9	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: VN083671.D

Acq: 05 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

BR-03-127-082924

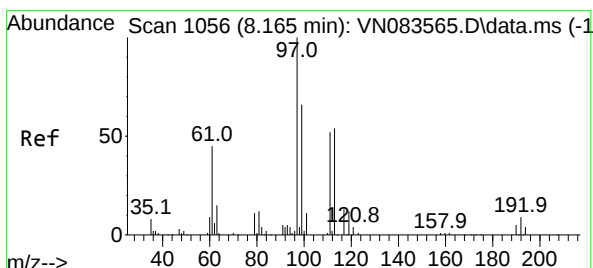
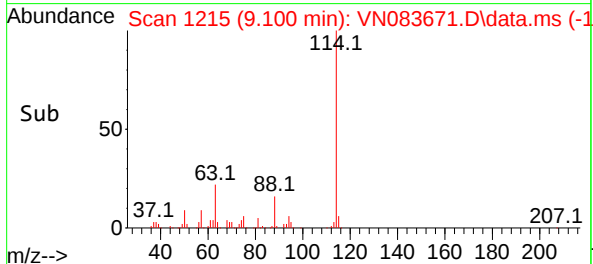
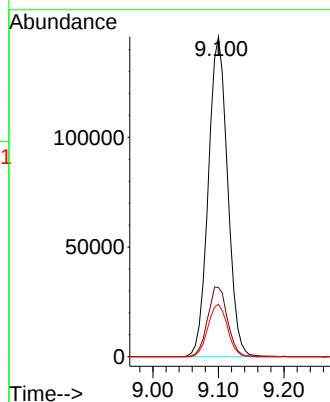
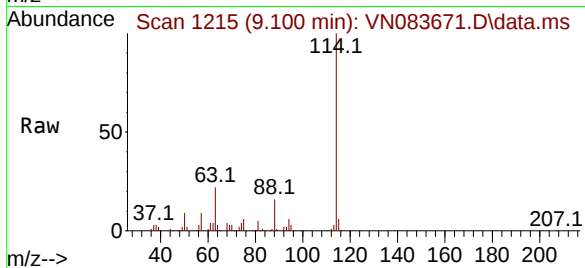
Tgt Ion:114 Resp: 297747

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.757 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083671.D

Acq: 05 Sep 2024 13:27

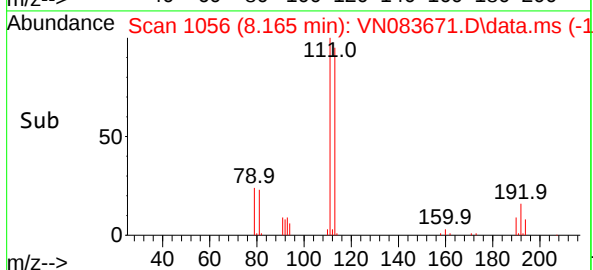
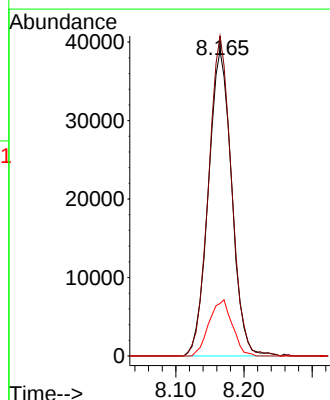
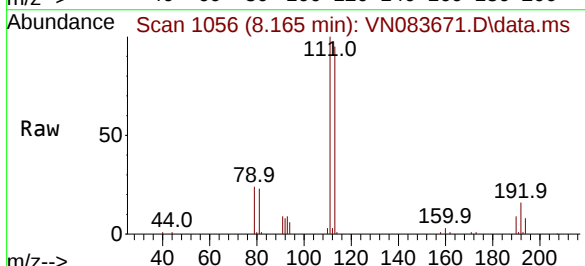
Tgt Ion:113 Resp: 92753

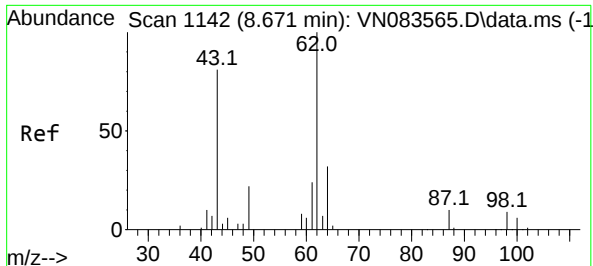
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.3 14.3 21.5





#42

1,2-Dichloroethane

Concen: 2.725 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN083671.D

Acq: 05 Sep 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

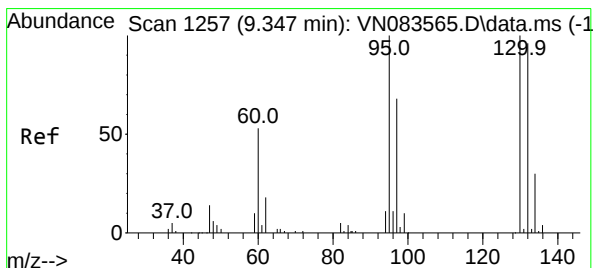
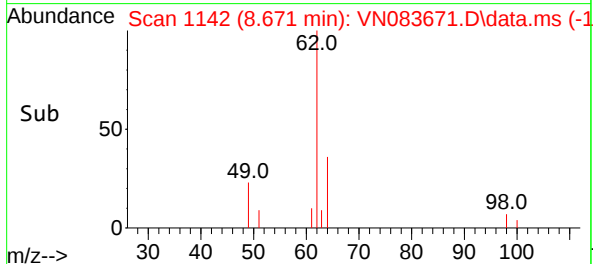
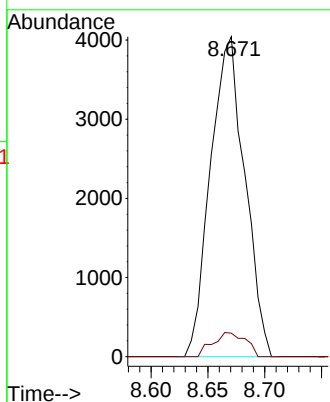
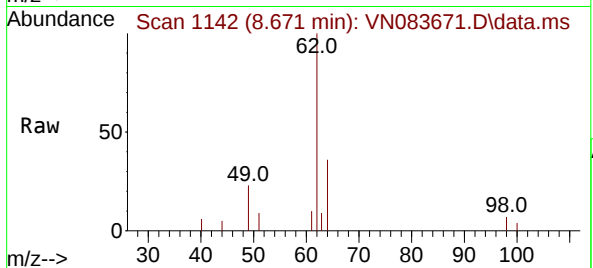
BR-03-127-082924

Tgt Ion: 62 Resp: 8495

Ion Ratio Lower Upper

62 100

98 7.2 0.0 16.6



#44

Trichloroethene

Concen: 76.071 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN083671.D

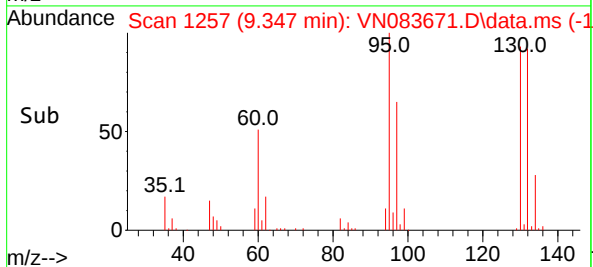
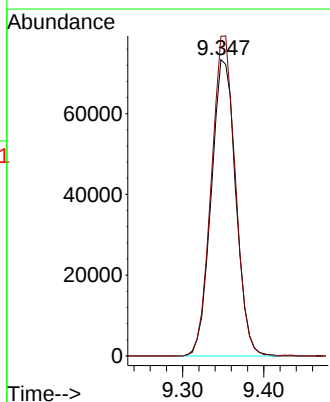
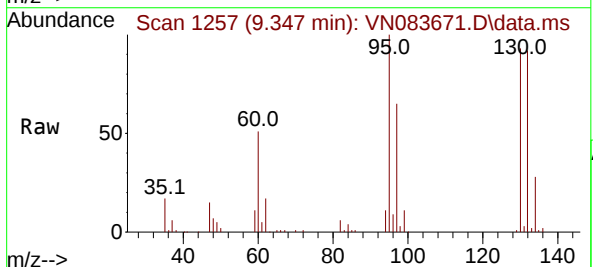
Acq: 05 Sep 2024 13:27

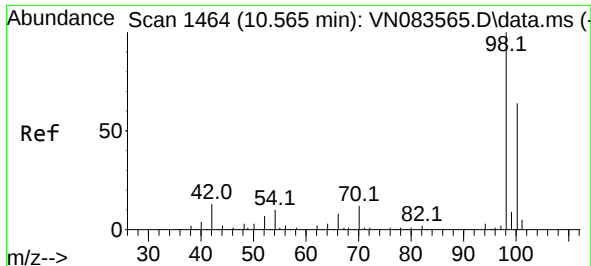
Tgt Ion: 130 Resp: 153875

Ion Ratio Lower Upper

130 100

95 107.9 0.0 200.4

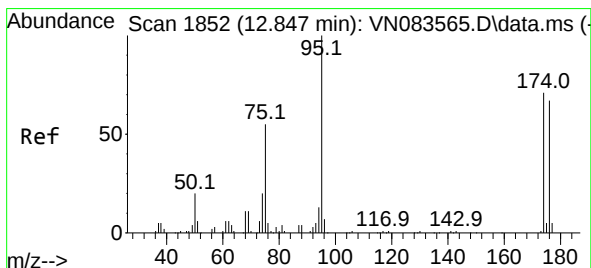
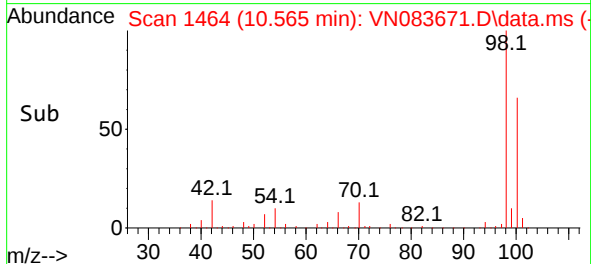
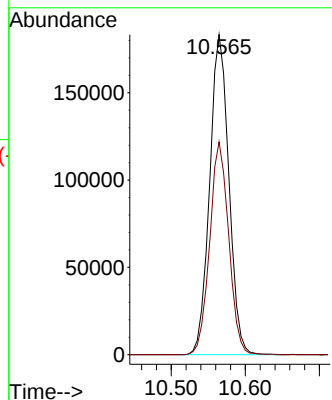
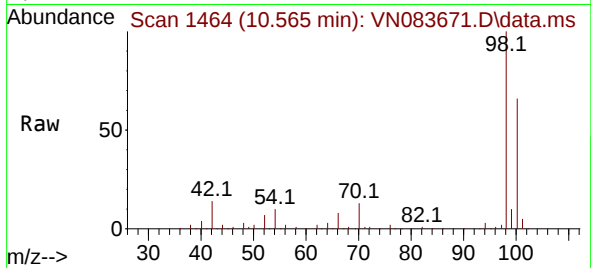




#50
Toluene-d8
Concen: 47.197 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083671.D
Acq: 05 Sep 2024 13:27

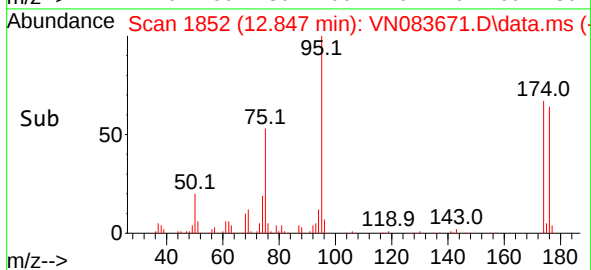
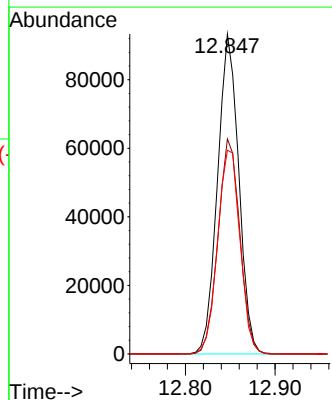
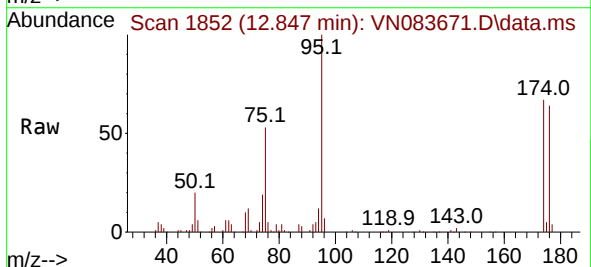
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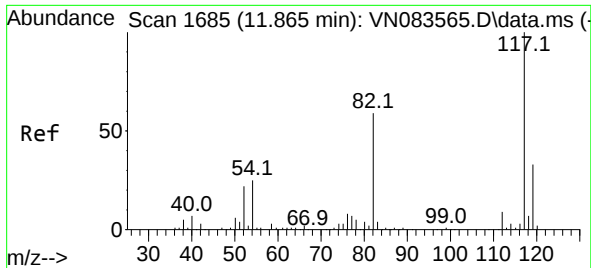
Tgt Ion: 98 Resp: 329286
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083671.D
Acq: 05 Sep 2024 13:27

Tgt Ion: 95 Resp: 153412
Ion Ratio Lower Upper
95 100
174 68.9 0.0 139.8
176 67.3 0.0 131.4

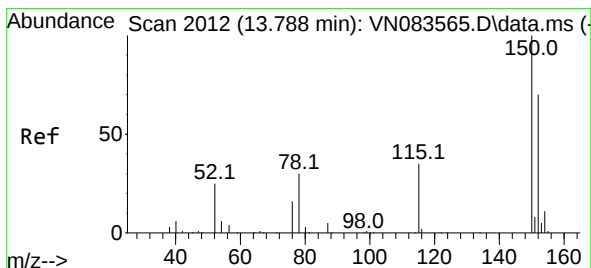
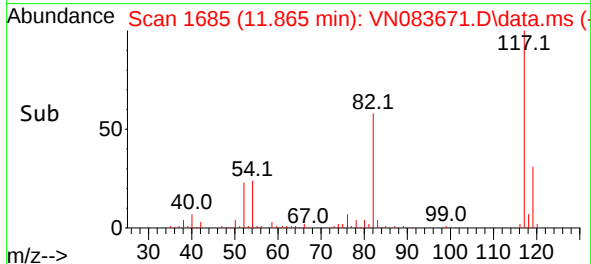
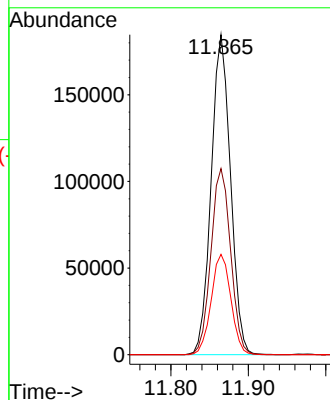
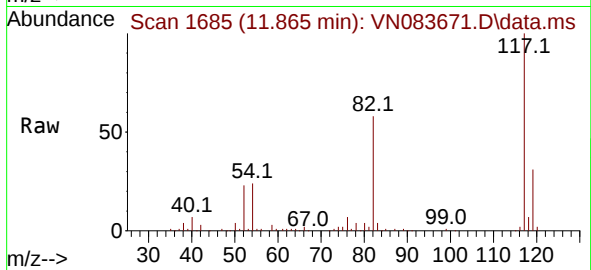




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083671.D
Acq: 05 Sep 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :
BR-03-127-082924

Tgt Ion:117 Resp: 320005
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.0
119 31.3 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: VN083671.D
Acq: 05 Sep 2024 13:27

Tgt Ion:152 Resp: 145720
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 158.5 0.0 348.6

