

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083942.D
 Acq On : 17 Sep 2024 13:53
 Operator : JC\MD
 Sample : P3957-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D-20240909

Quant Time: Sep 18 01:48:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

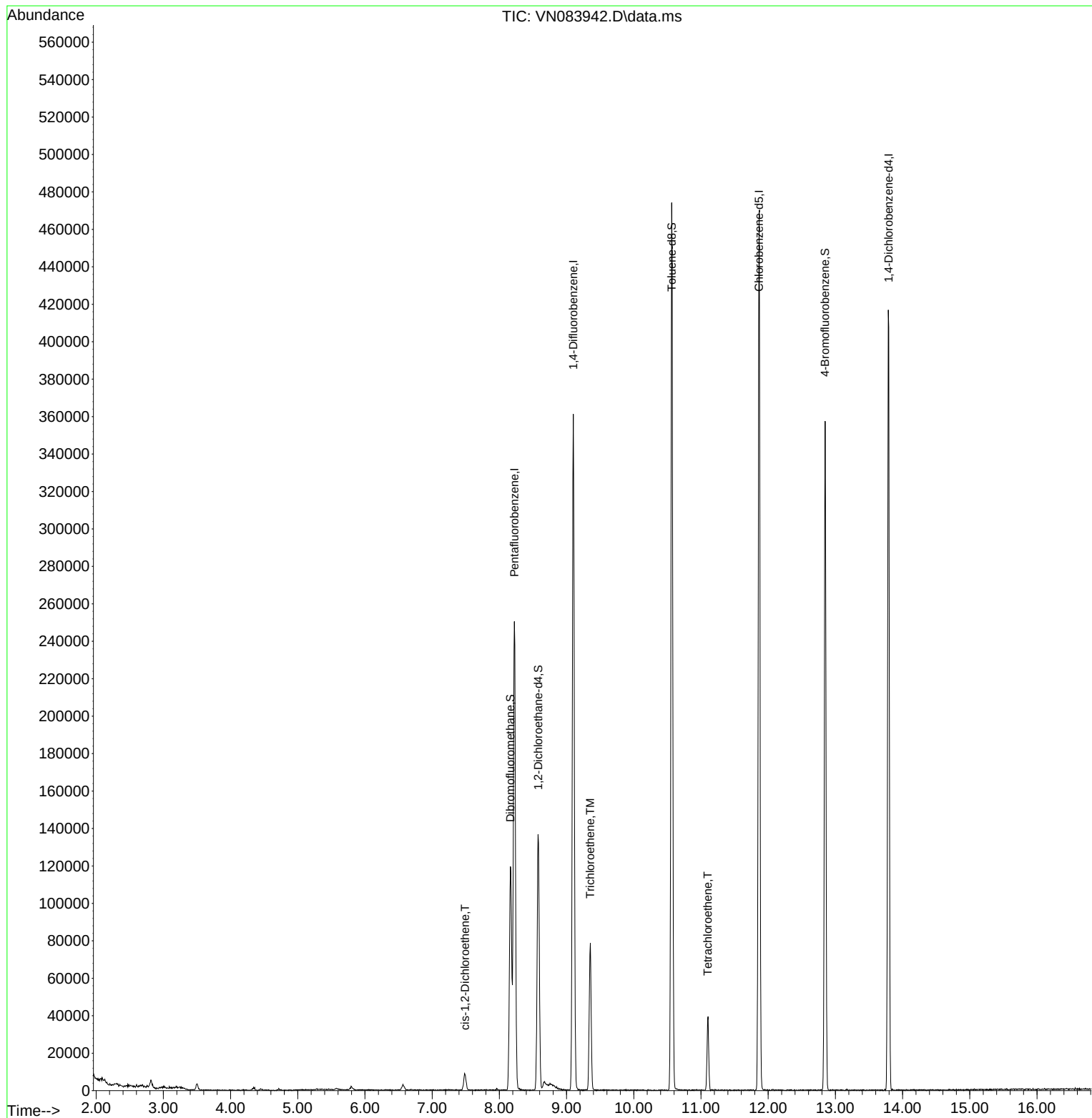
Internal Standards						
1) Pentafluorobenzene	8.224	168	167327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117022	46.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.760%
35) Dibromofluoromethane	8.165	113	85122	45.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.520%
50) Toluene-d8	10.565	98	312470	48.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.847	95	117194	43.684	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.360%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.488	96	5697	2.474	ug/l	83
44) Trichloroethene	9.353	130	26144	13.249	ug/l	93
64) Tetrachloroethene	11.100	164	8232	4.945	ug/l	88

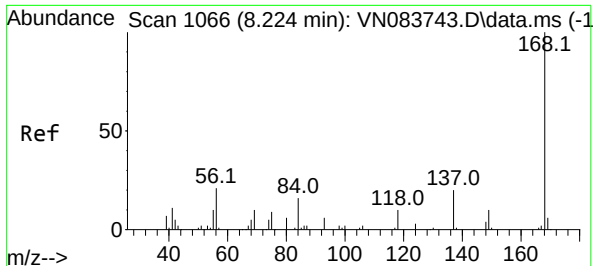
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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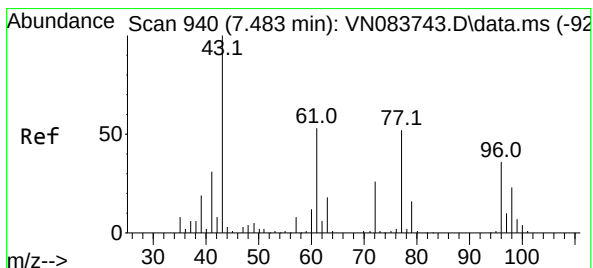
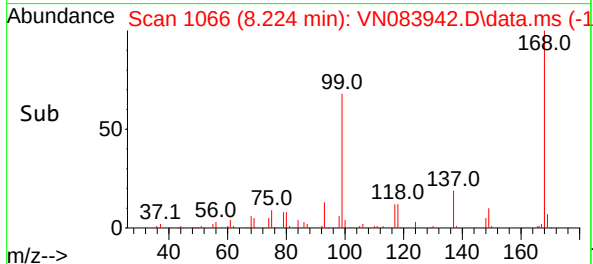
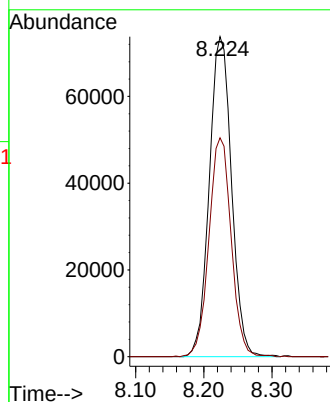
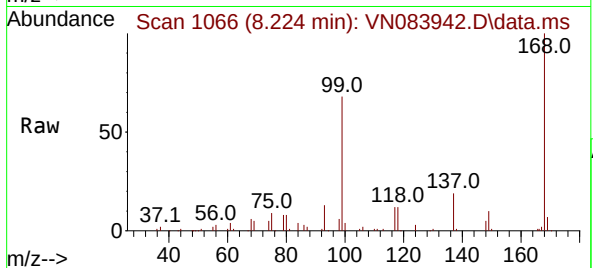




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

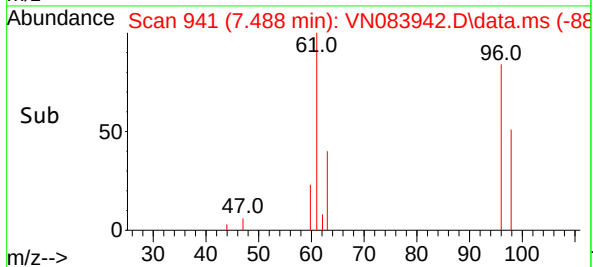
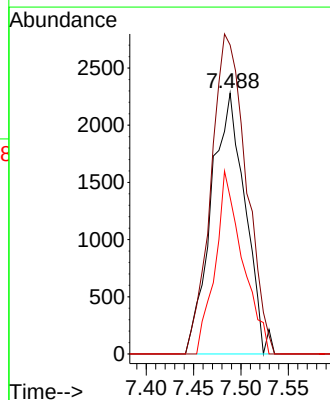
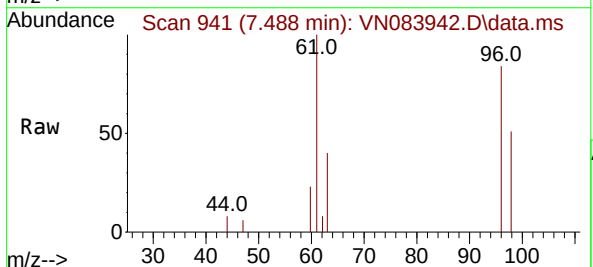
Instrument :
MSVOA_N
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MW202D-20240909

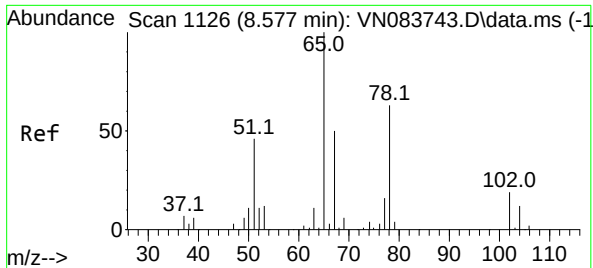
Tgt Ion:168 Resp: 167327
Ion Ratio Lower Upper
168 100
99 68.4 54.2 81.2



#27
cis-1,2-Dichloroethene
Concen: 2.474 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Tgt Ion: 96 Resp: 5697
Ion Ratio Lower Upper
96 100
61 127.0 0.0 306.2
98 56.4 0.0 128.6

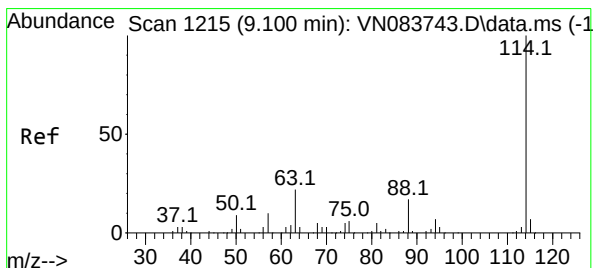
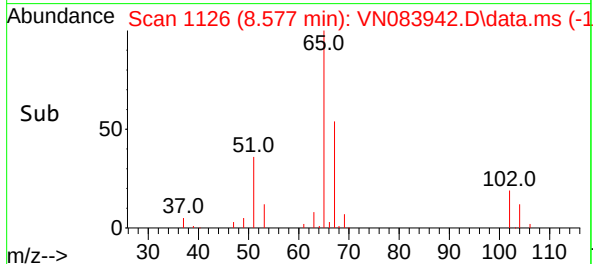
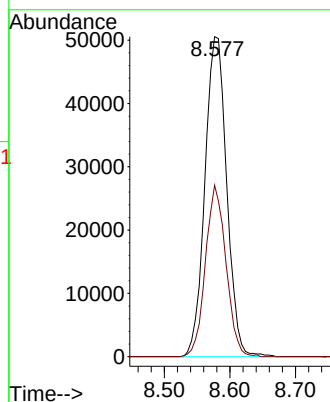
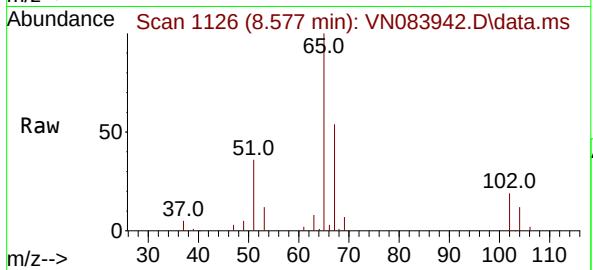




#33
 1,2-Dichloroethane-d4
 Concen: 46.381 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

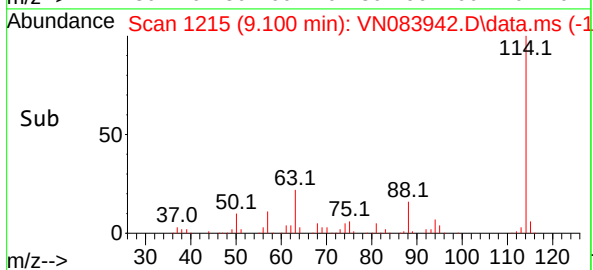
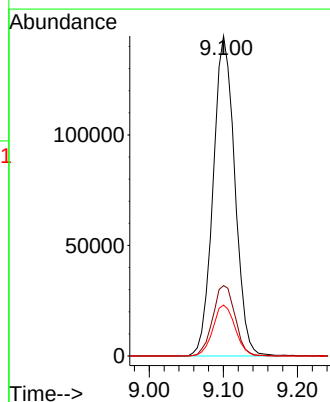
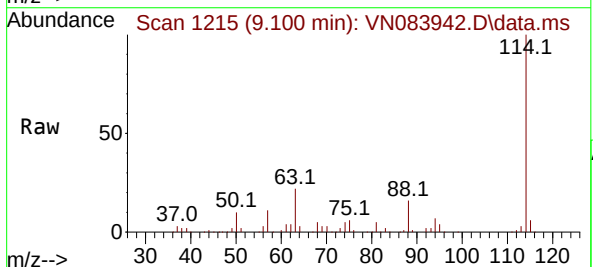
Instrument :
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 MW202D-20240909

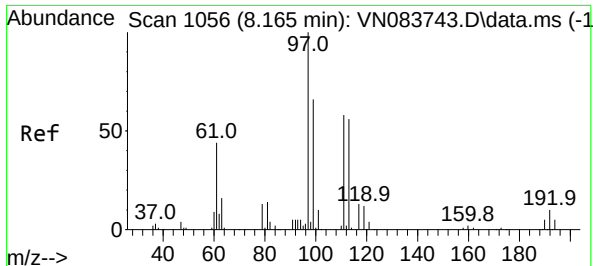
Tgt Ion: 65 Resp: 117022
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

Tgt Ion: 114 Resp: 293811
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 15.9 0.0 32.6

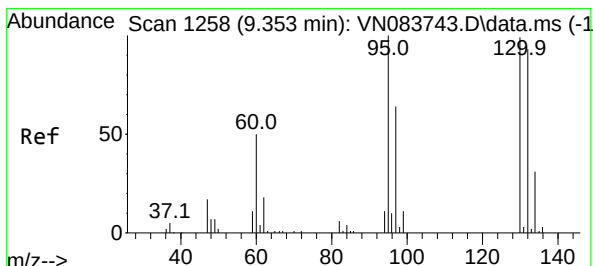
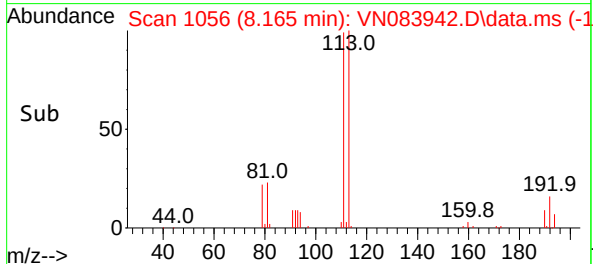
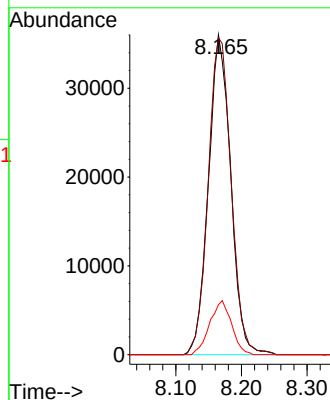
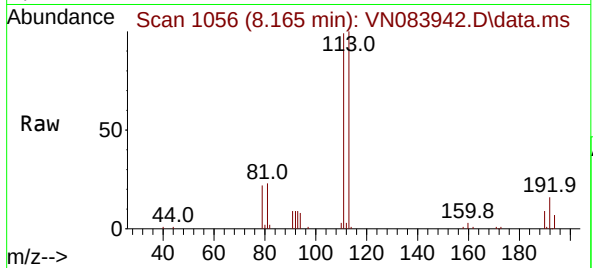




#35
Dibromofluoromethane
Concen: 45.255 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

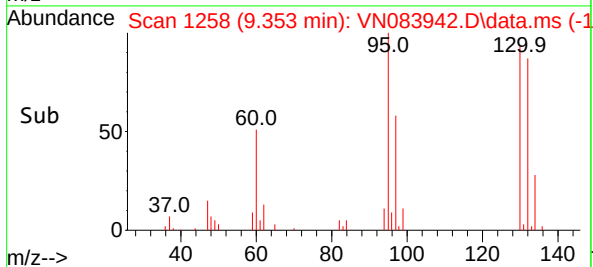
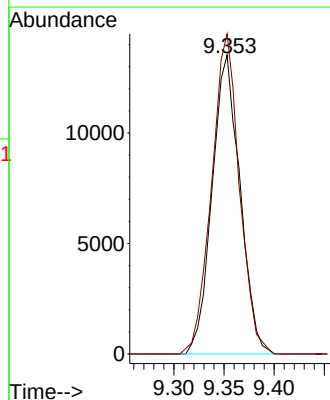
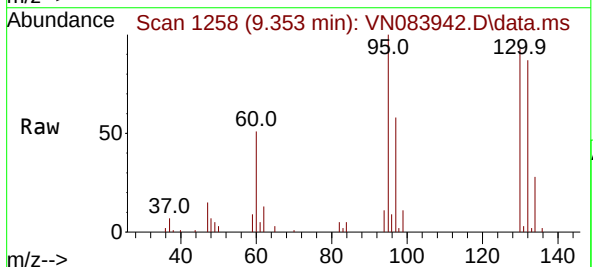
Instrument :
MSVOA_N
ClientSampleId :
MW202D-20240909

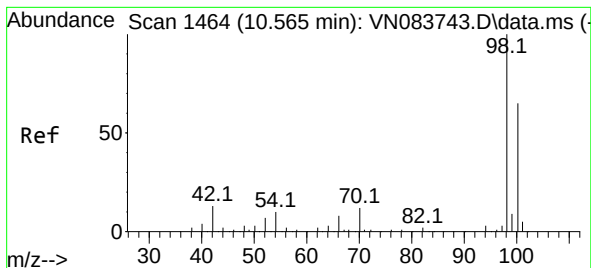
Tgt Ion:113 Resp: 85122
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 16.6 14.3 21.5



#44
Trichloroethene
Concen: 13.249 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

Tgt Ion:130 Resp: 26144
Ion Ratio Lower Upper
130 100
95 107.0 0.0 200.4





#50

Toluene-d8

Concen: 48.054 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083942.D

Acq: 17 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

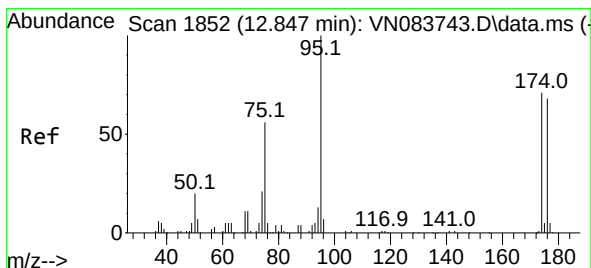
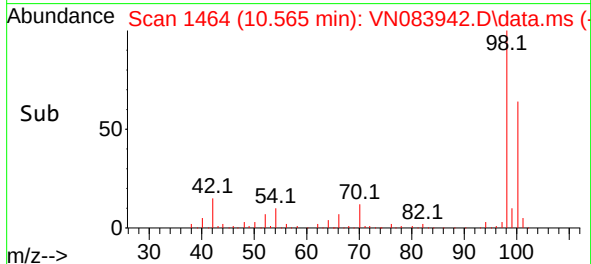
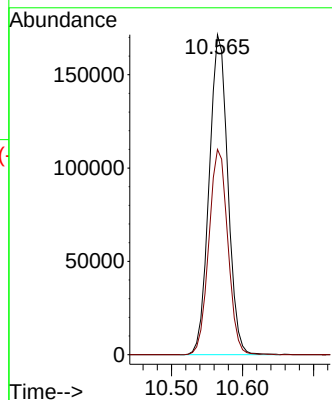
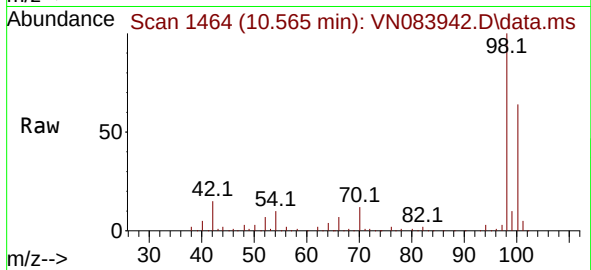
MW202D-20240909

Tgt Ion: 98 Resp: 312470

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.684 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083942.D

Acq: 17 Sep 2024 13:53

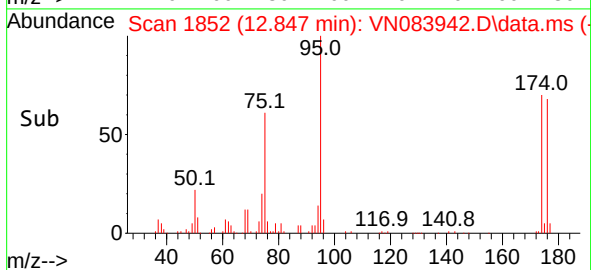
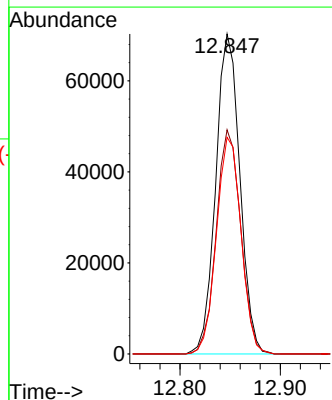
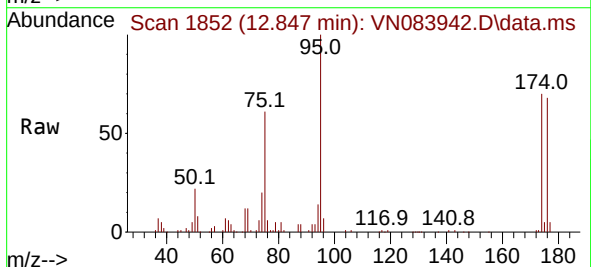
Tgt Ion: 95 Resp: 117194

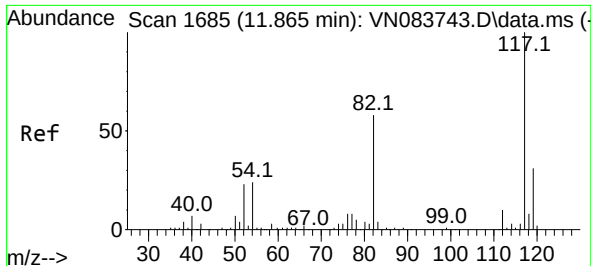
Ion Ratio Lower Upper

95 100

174 71.1 0.0 139.8

176 69.0 0.0 131.4

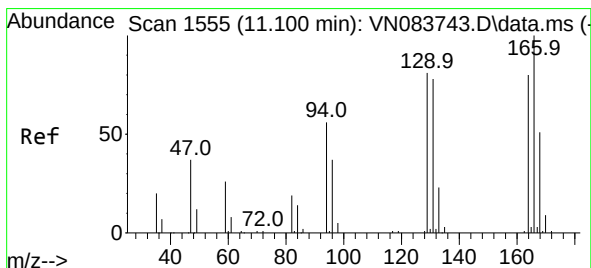
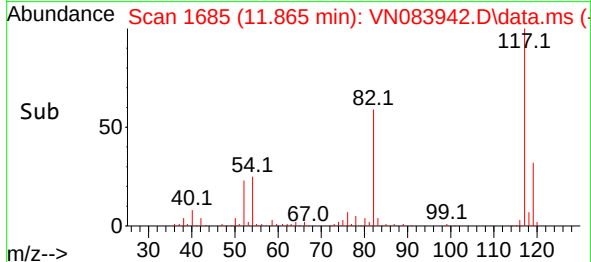
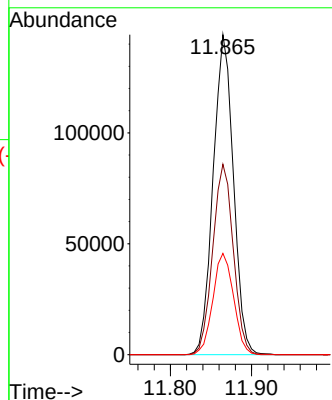
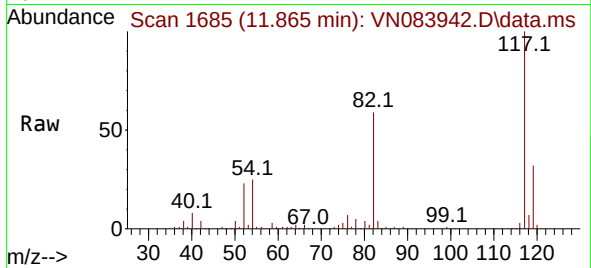




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

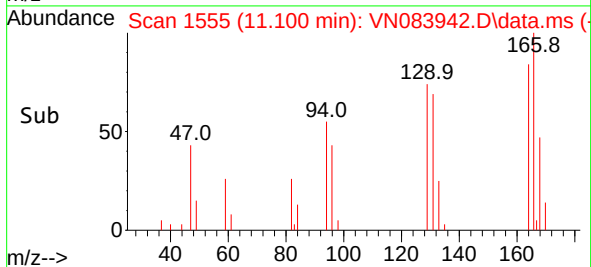
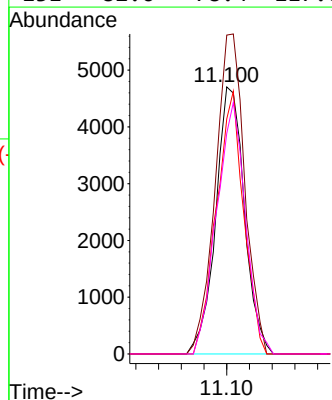
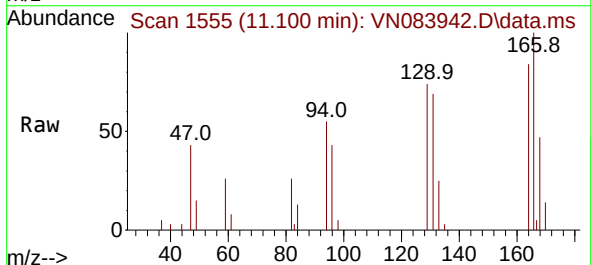
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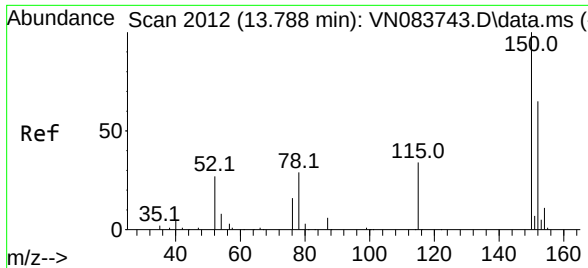
Tgt Ion:117 Resp: 250330
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 4.945 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083942.D
Acq: 17 Sep 2024 13:53

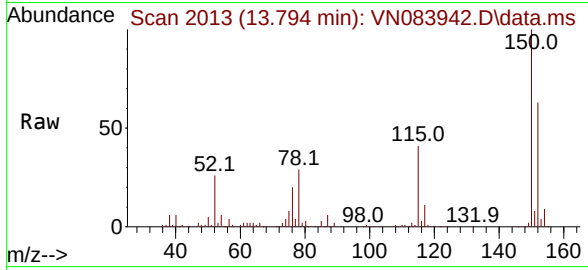
Tgt Ion:164 Resp: 8232
Ion Ratio Lower Upper
164 100
166 119.4 103.7 155.5
129 88.0 79.9 119.9
131 82.6 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083942.D
 Acq: 17 Sep 2024 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D-20240909



Tgt Ion:152 Resp: 105742
 Ion Ratio Lower Upper
 152 100
 115 64.0 32.2 96.6
 150 157.5 0.0 348.6

