

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083919.D
 Acq On : 16 Sep 2024 15:51
 Operator : JC\MD
 Sample : P3957-08DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D-20240910DL

Quant Time: Sep 17 02:33:58 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)

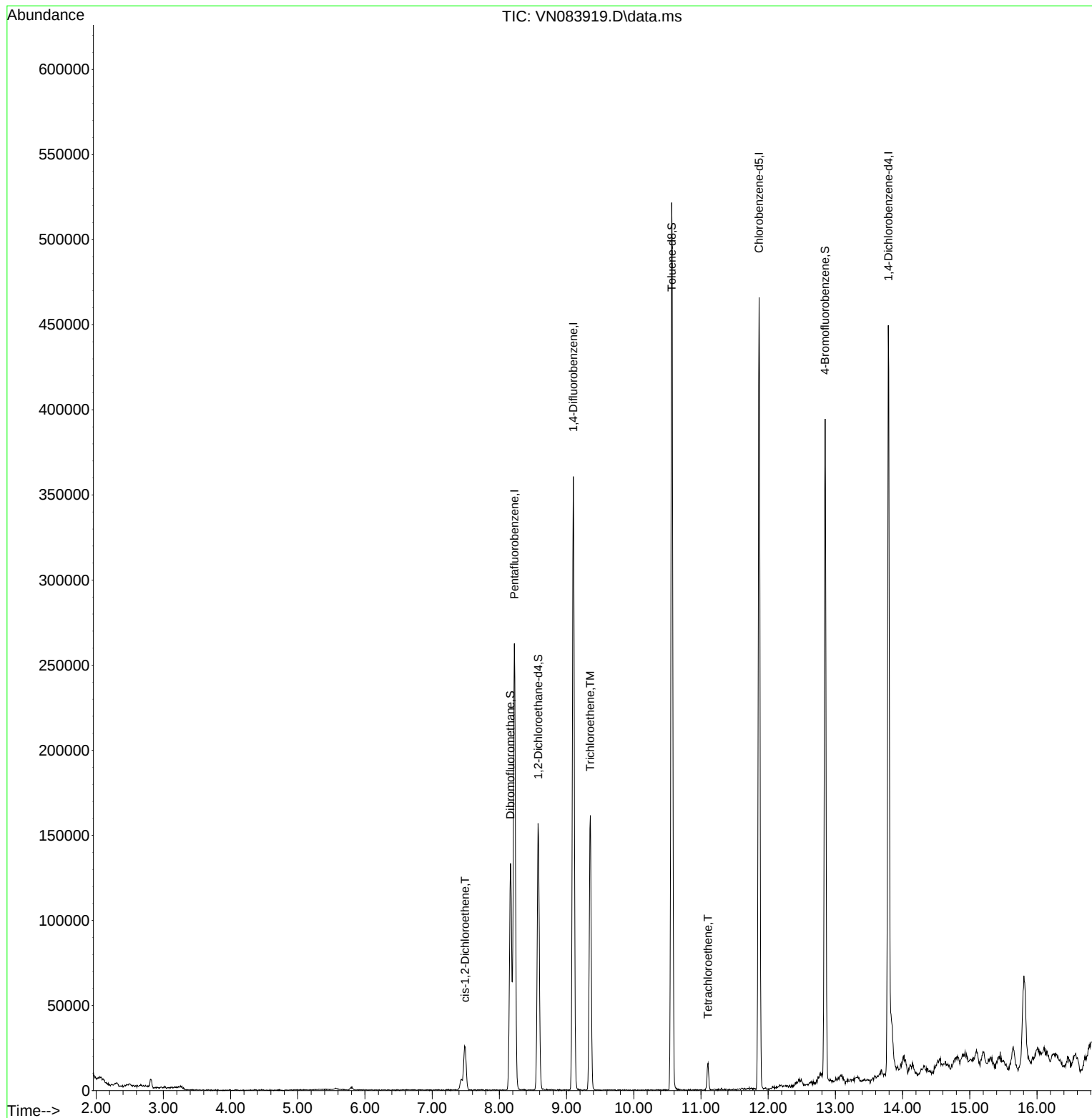
Internal Standards						
1) Pentafluorobenzene	8.224	168	176416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131505	49.436	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.880%
35) Dibromofluoromethane	8.165	113	93169	49.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.565	98	353985	54.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.340%
62) 4-Bromofluorobenzene	12.847	95	132958	49.770	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.540%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.489	96	15246	6.281	ug/l	93
44) Trichloroethene	9.353	130	56121	28.561	ug/l	99
64) Tetrachloroethene	11.106	164	3215	1.940	ug/l	96

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

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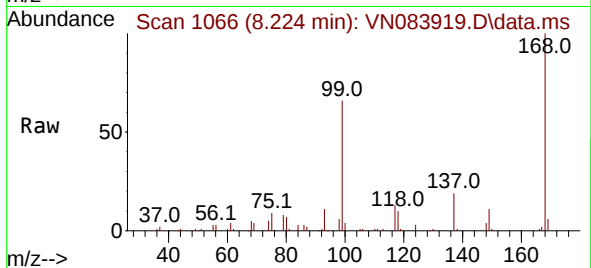
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



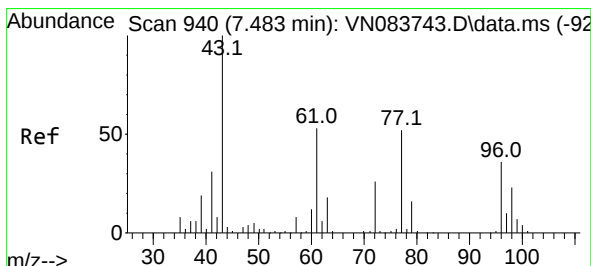
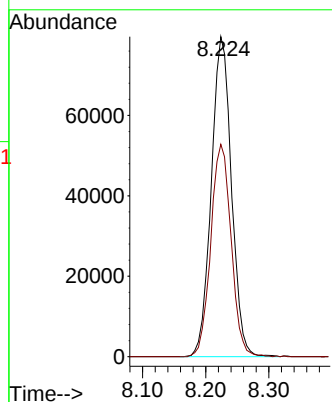
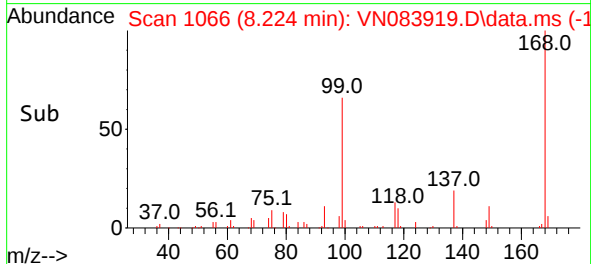


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083919.D
Acq: 16 Sep 2024 15:51

Instrument :
MSVOA_N
ClientSampleId :
MW179D-20240910DL

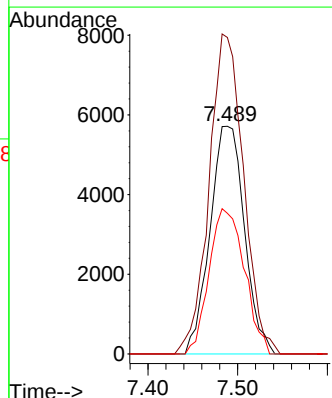
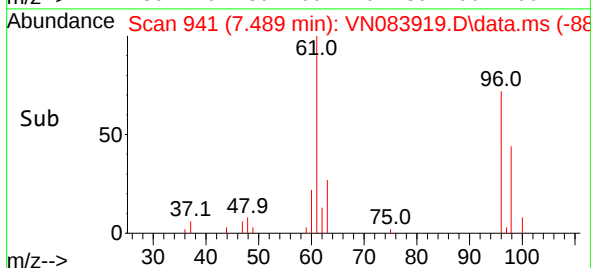
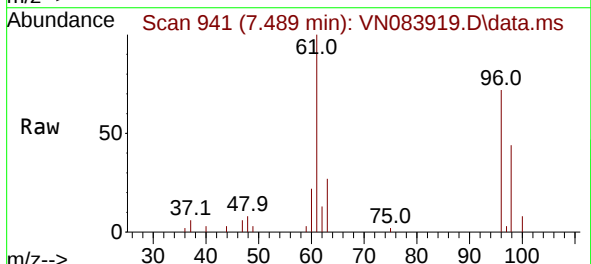


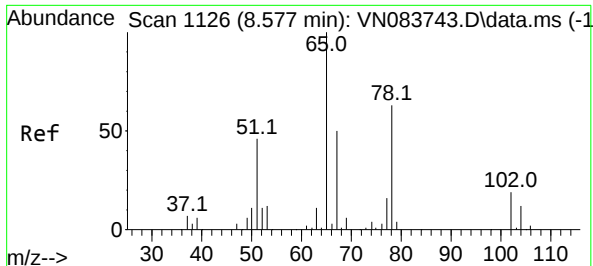
Tgt Ion:168 Resp: 176416
Ion Ratio Lower Upper
168 100
99 66.3 54.2 81.2



#27
cis-1,2-Dichloroethene
Concen: 6.281 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083919.D
Acq: 16 Sep 2024 15:51

Tgt Ion: 96 Resp: 15246
Ion Ratio Lower Upper
96 100
61 140.4 0.0 306.2
98 65.3 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 49.436 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083919.D

Acq: 16 Sep 2024 15:51

Instrument :

MSVOA_N

ClientSampleId :

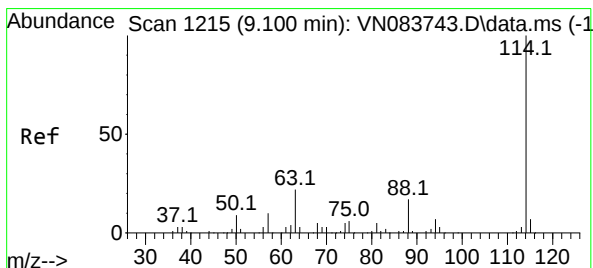
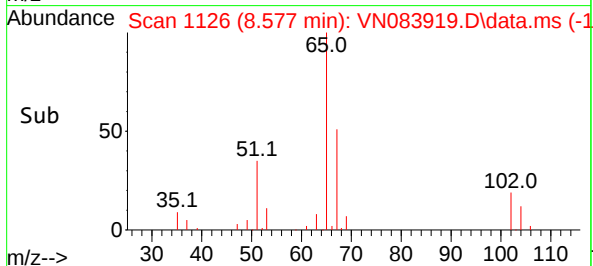
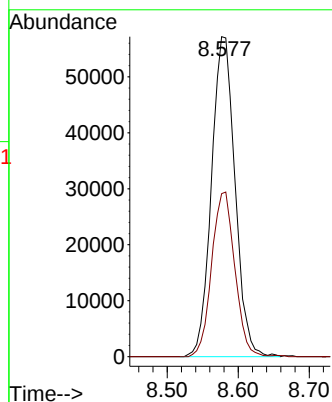
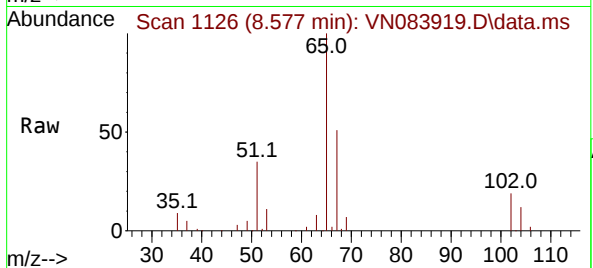
MW179D-20240910DL

Tgt Ion: 65 Resp: 131505

Ion Ratio Lower Upper

65 100

67 50.5 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: VN083919.D

Acq: 16 Sep 2024 15:51

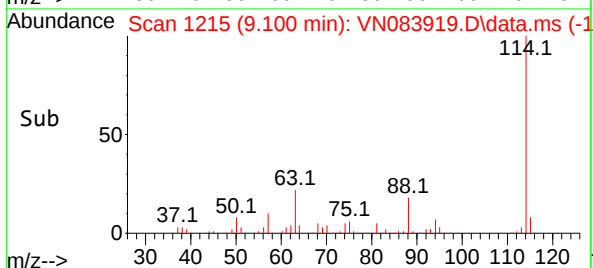
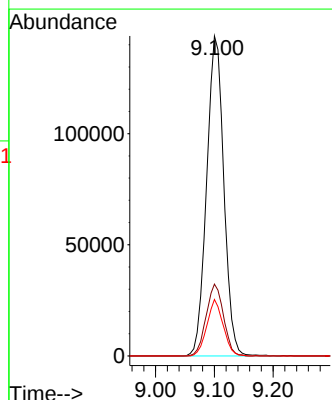
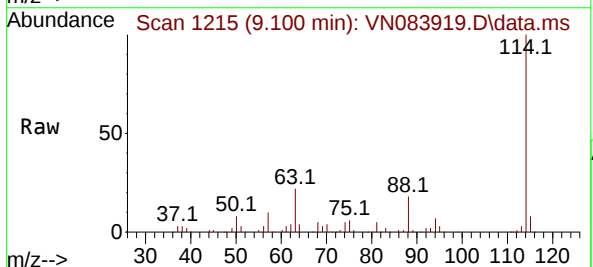
Tgt Ion: 114 Resp: 292569

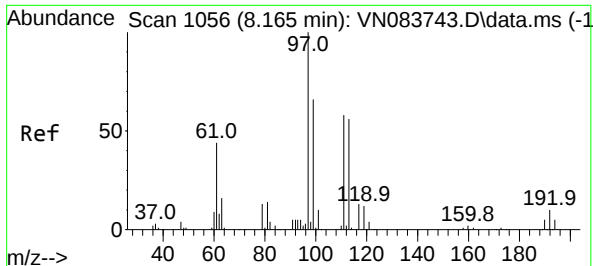
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 17.6 0.0 32.6

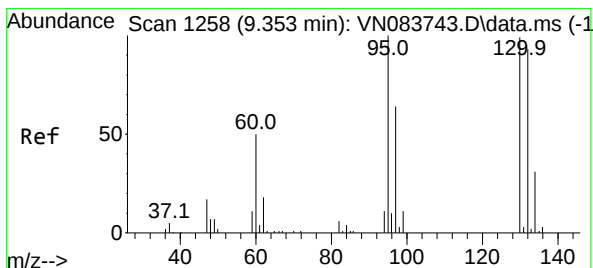
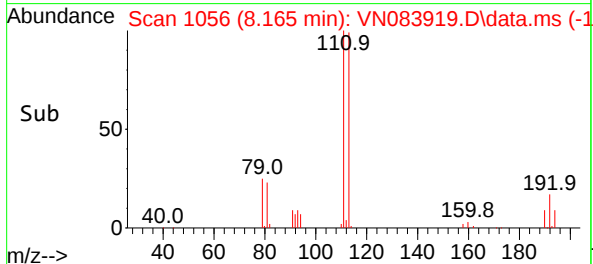
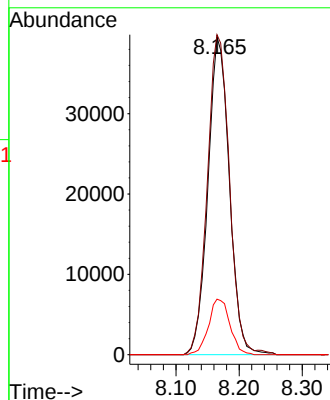
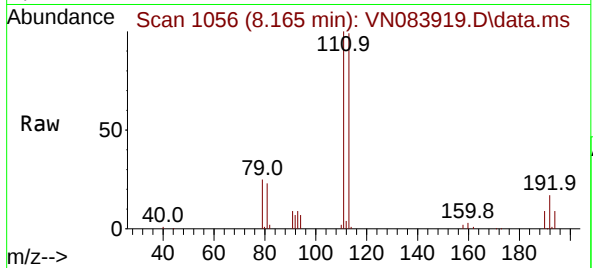




#35
Dibromofluoromethane
Concen: 49.743 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083919.D
Acq: 16 Sep 2024 15:51

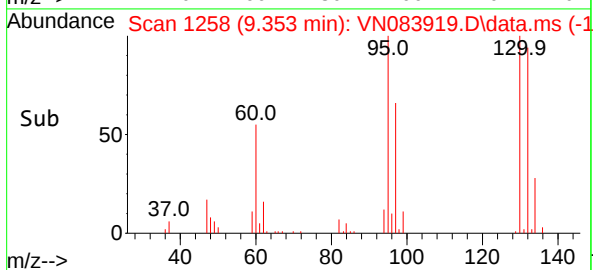
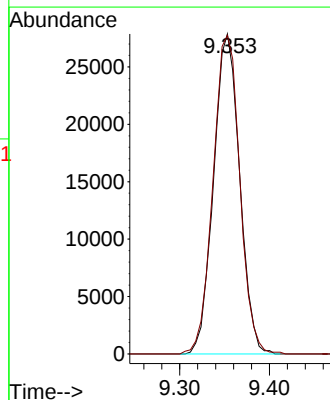
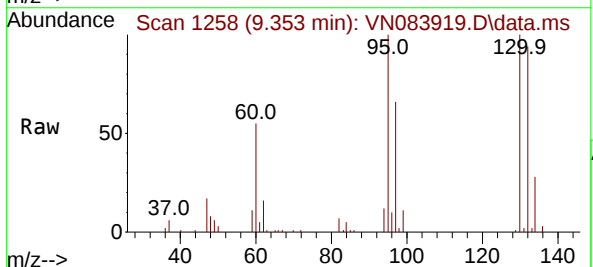
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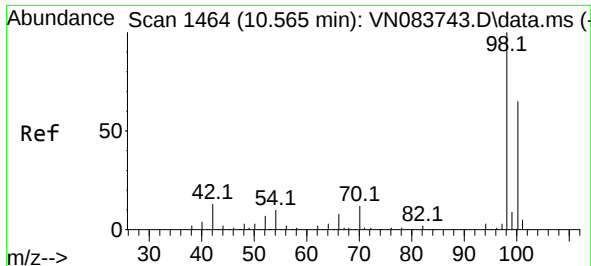
Tgt Ion:113 Resp: 93169
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 17.4 14.3 21.5



#44
Trichloroethene
Concen: 28.561 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083919.D
Acq: 16 Sep 2024 15:51

Tgt Ion:130 Resp: 56121
Ion Ratio Lower Upper
130 100
95 99.6 0.0 200.4

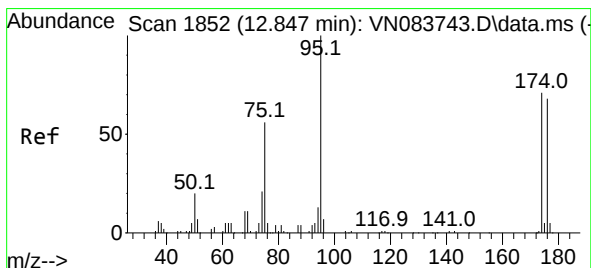
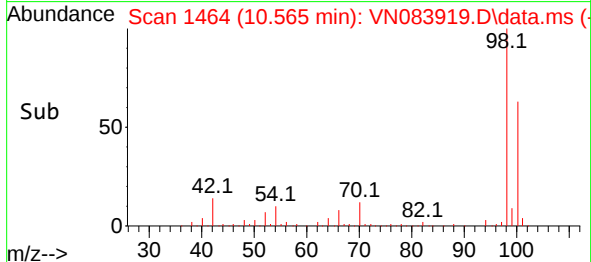
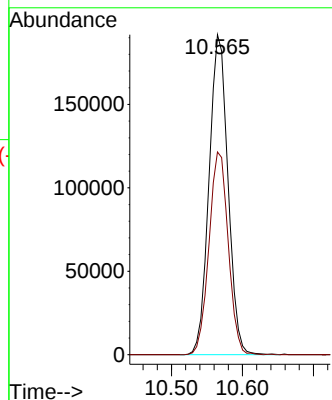
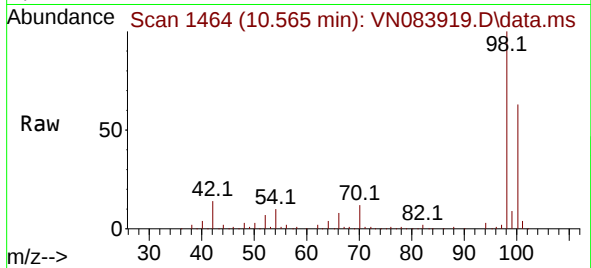




#50
Toluene-d8
Concen: 54.669 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083919.D
Acq: 16 Sep 2024 15:51

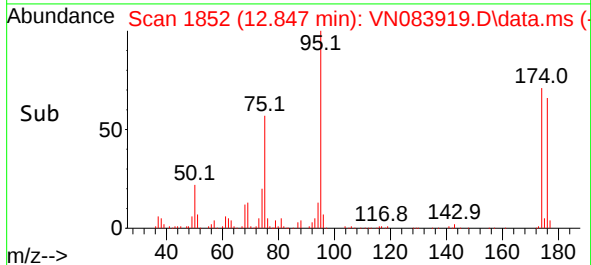
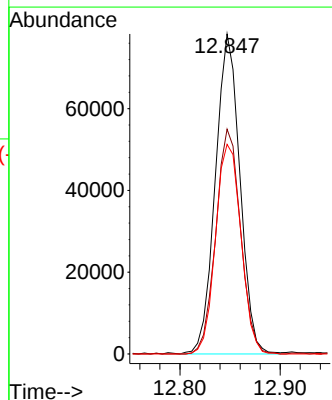
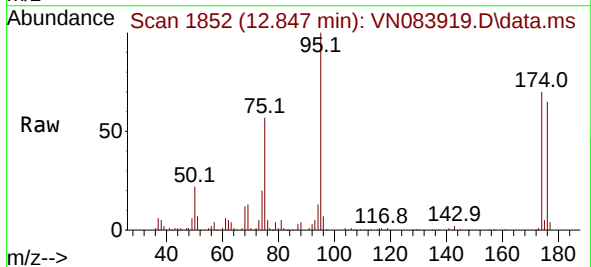
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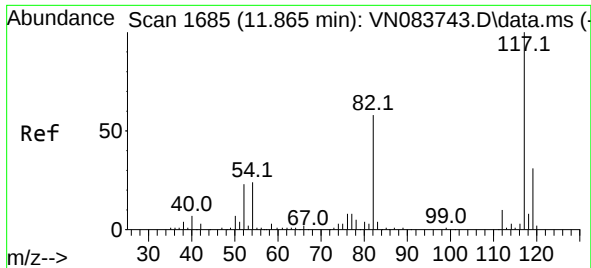
Tgt Ion: 98 Resp: 353985
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.770 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083919.D
Acq: 16 Sep 2024 15:51

Tgt Ion: 95 Resp: 132958
Ion Ratio Lower Upper
95 100
174 70.7 0.0 139.8
176 67.7 0.0 131.4

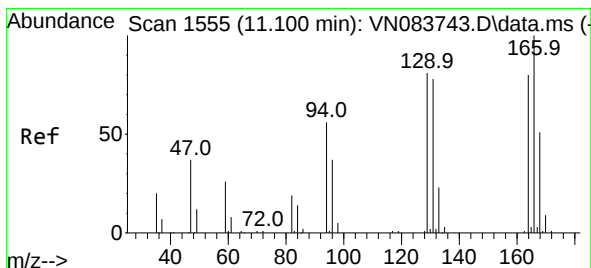
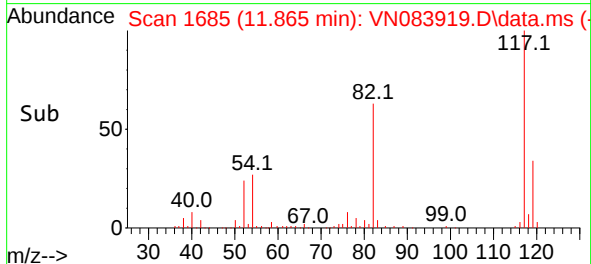
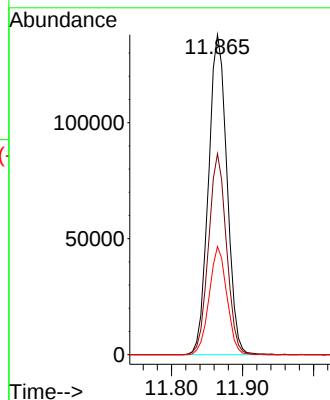
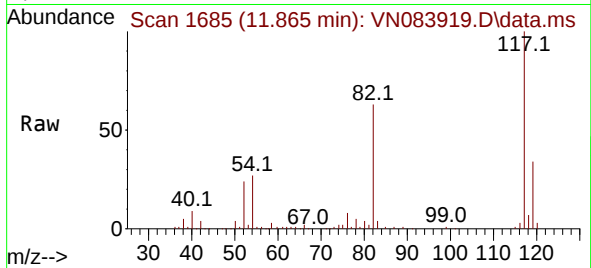




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083919.D
Acq: 16 Sep 2024 15:51

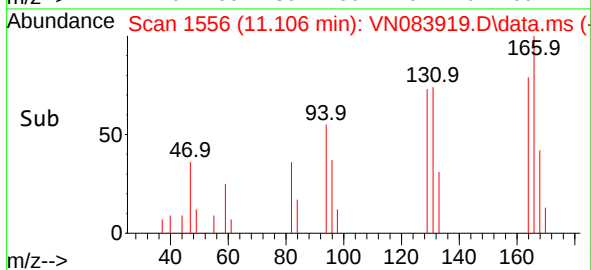
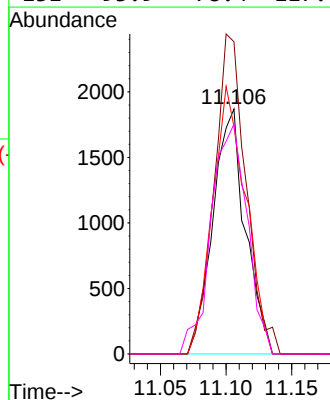
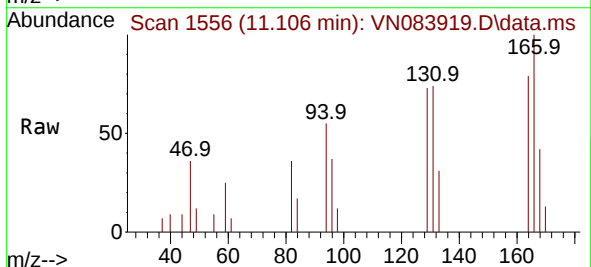
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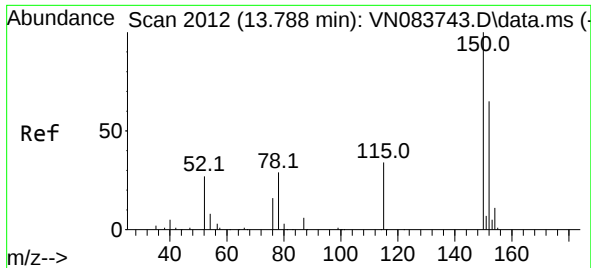
Tgt Ion:117 Resp: 249211
Ion Ratio Lower Upper
117 100
82 62.8 47.4 71.0
119 33.8 26.3 39.5



#64
Tetrachloroethene
Concen: 1.940 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083919.D
Acq: 16 Sep 2024 15:51

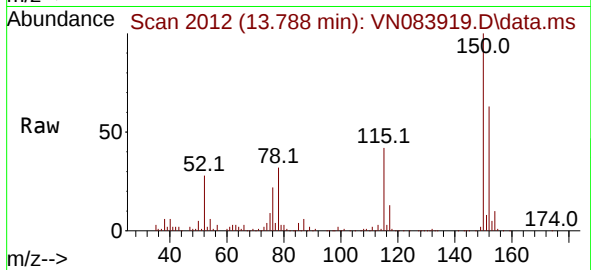
Tgt Ion:164 Resp: 3215
Ion Ratio Lower Upper
164 100
166 127.4 103.7 155.5
129 92.8 79.9 119.9
131 93.9 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083919.D
 Acq: 16 Sep 2024 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D-20240910DL



Tgt Ion:152 Resp: 107074
 Ion Ratio Lower Upper
 152 100
 115 65.7 32.2 96.6
 150 157.5 0.0 348.6

