

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084141.D
 Acq On : 24 Sep 2024 17:55
 Operator : JC\MD
 Sample : P4116-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20240917

Quant Time: Sep 25 01:38:15 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)

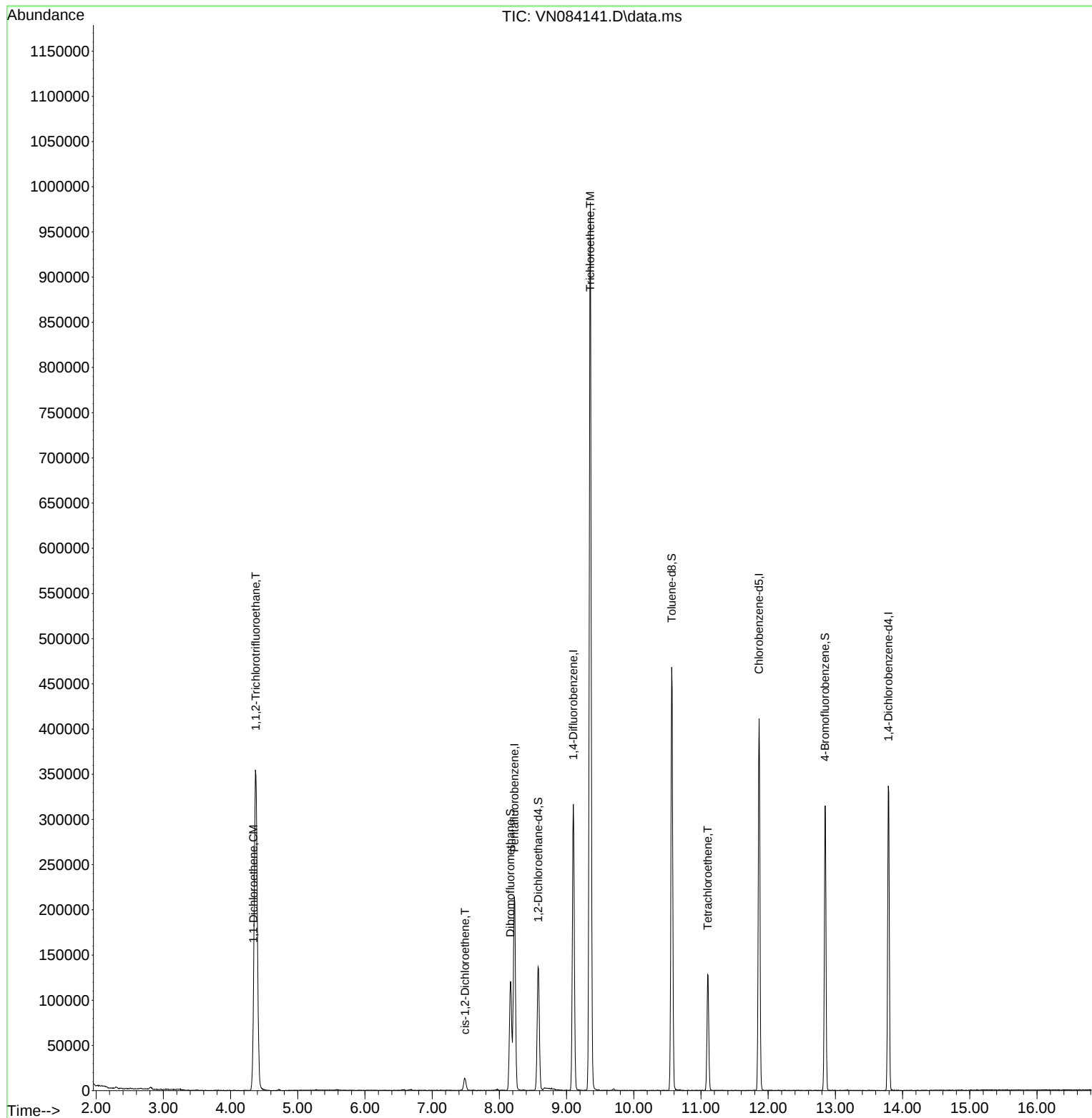
Internal Standards						
1) Pentafluorobenzene	8.224	168	149150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117247	52.134	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.260%	
35) Dibromofluoromethane	8.165	113	88341	52.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.600%	
50) Toluene-d8	10.565	98	319871	55.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.600%	
62) 4-Bromofluorobenzene	12.847	95	106905	44.794	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.580%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	248650	145.564	ug/l	99
12) 1,1-Dichloroethene	4.342	96	2923	1.812	ug/l #	90
27) cis-1,2-Dichloroethene	7.489	96	8223	4.007	ug/l	90
44) Trichloroethene	9.353	130	331806	189.017	ug/l	97
64) Tetrachloroethene	11.100	164	28576	19.155	ug/l	90

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

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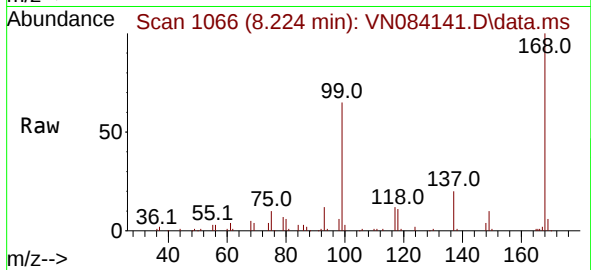
Quant Time: Sep 25 01:38:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



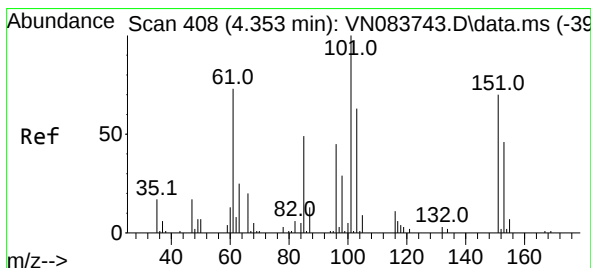
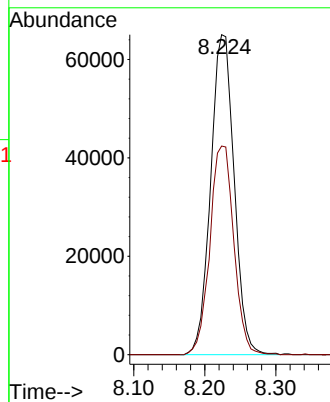
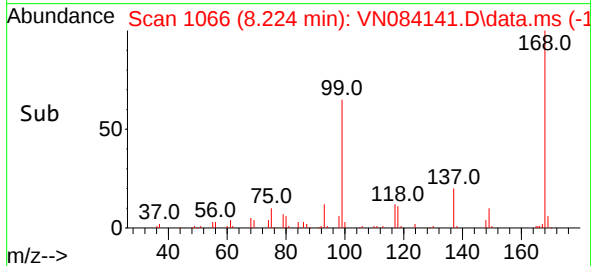


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

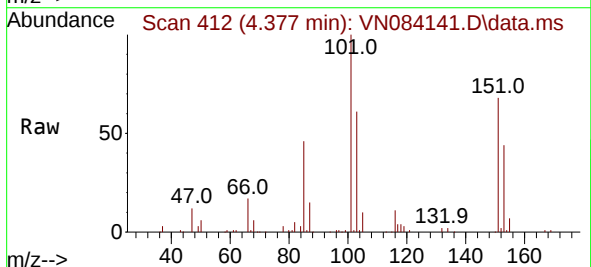
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917



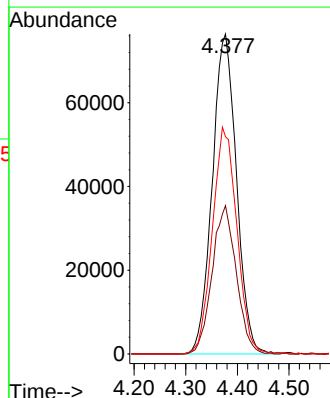
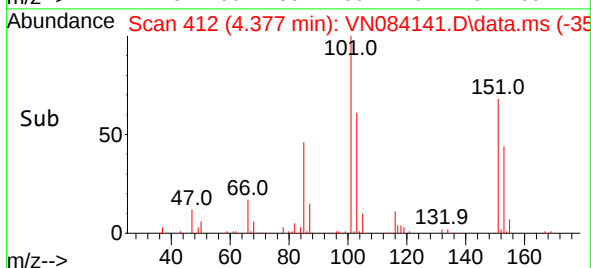
Tgt Ion:168 Resp: 149150
Ion Ratio Lower Upper
168 100
99 65.2 54.2 81.2

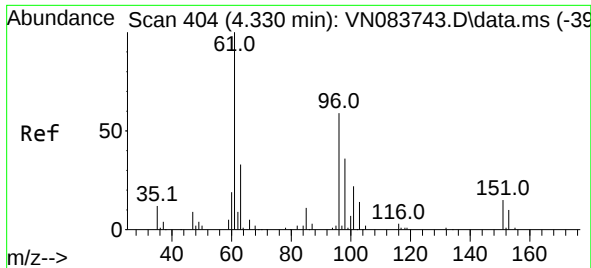


#9
1,1,2-Trichlorotrifluoroethane
Concen: 145.564 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.024 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55



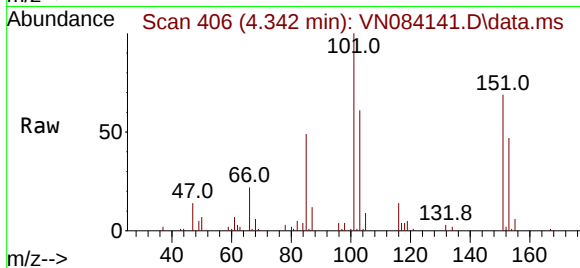
Tgt Ion:101 Resp: 248650
Ion Ratio Lower Upper
101 100
85 46.3 36.2 54.4
151 71.8 57.7 86.5



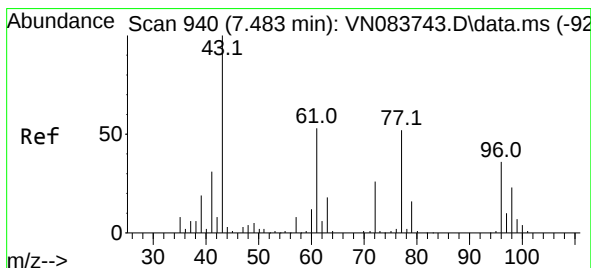
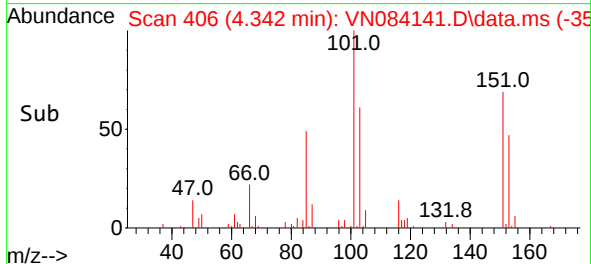
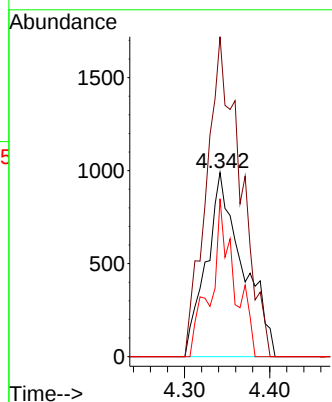


#12
1,1-Dichloroethene
Concen: 1.812 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917

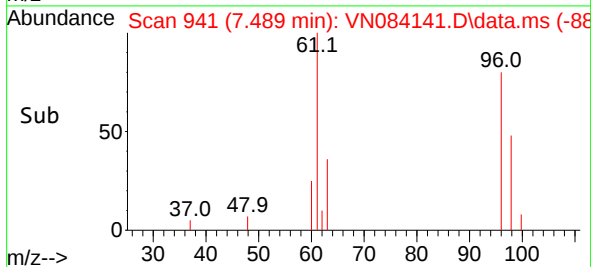
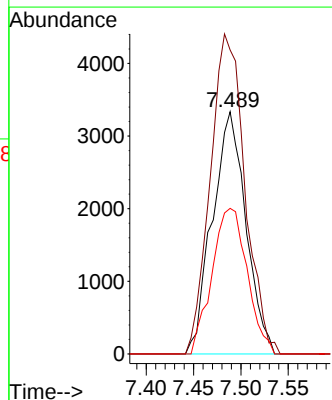
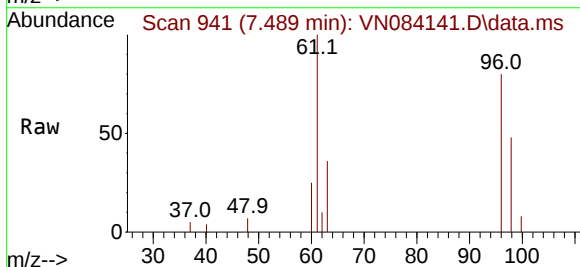


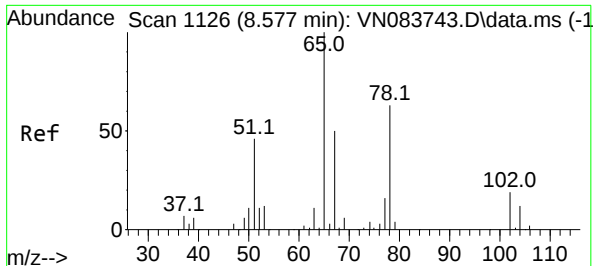
Tgt Ion: 96 Resp: 2923
Ion Ratio Lower Upper
96 100
61 173.7 143.4 215.0
98 85.8 52.7 79.1#



#27
cis-1,2-Dichloroethene
Concen: 4.007 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

Tgt Ion: 96 Resp: 8223
Ion Ratio Lower Upper
96 100
61 136.4 0.0 306.2
98 63.2 0.0 128.6

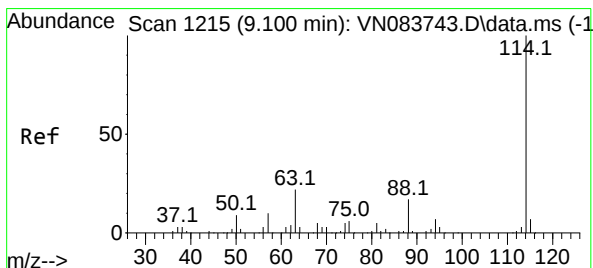
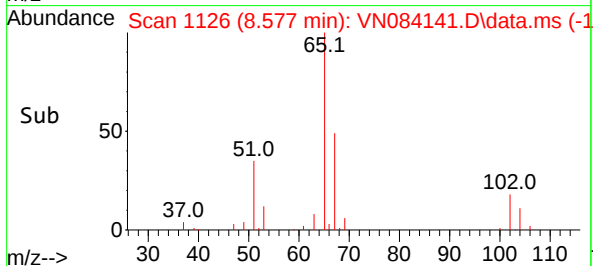
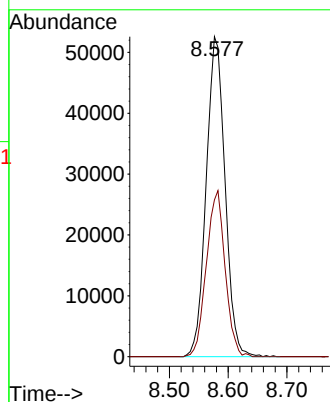
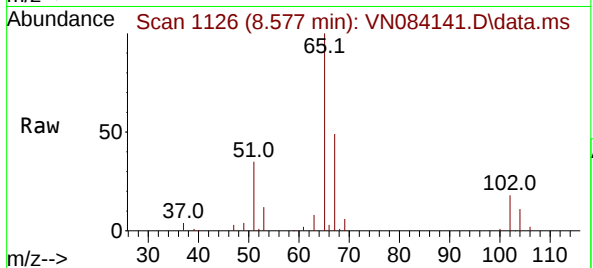




#33
1,2-Dichloroethane-d4
Concen: 52.134 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

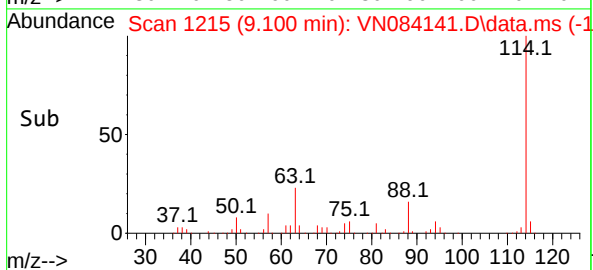
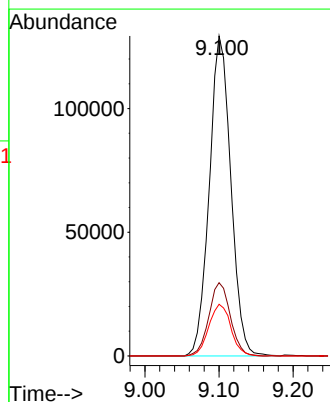
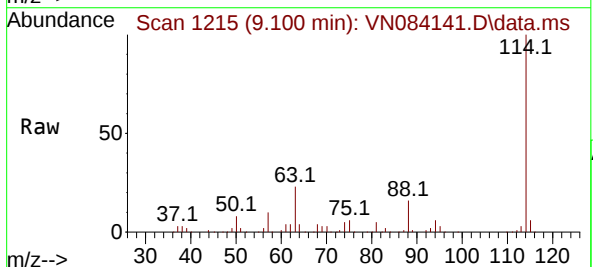
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20240917

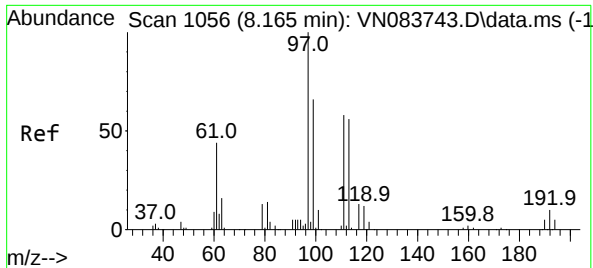
Tgt Ion: 65 Resp: 117247
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

Tgt Ion: 114 Resp: 261373
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.4
88 16.2 0.0 32.6

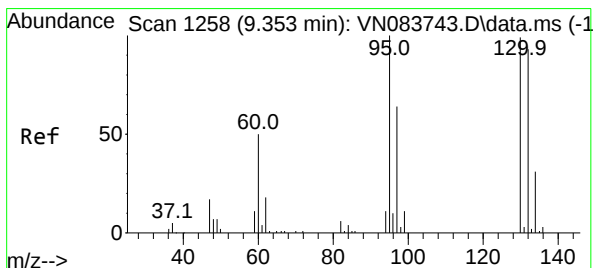
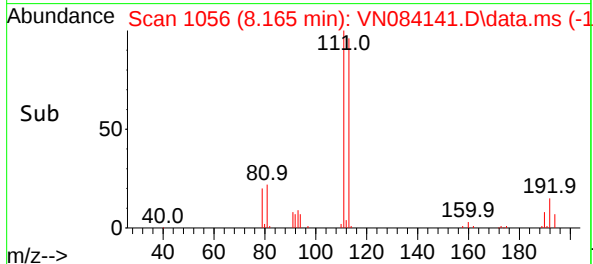
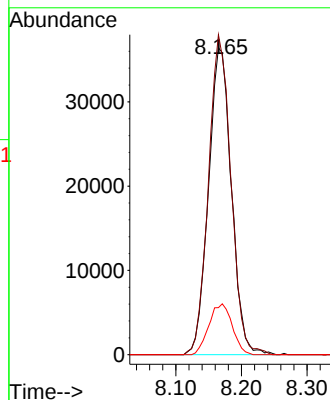
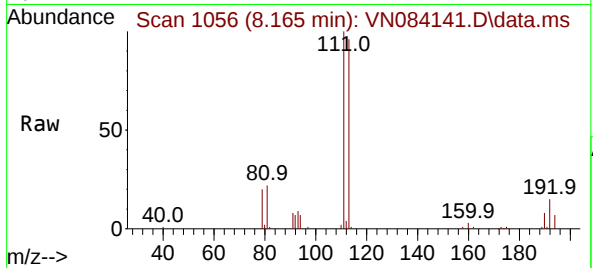




#35
Dibromofluoromethane
Concen: 52.795 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

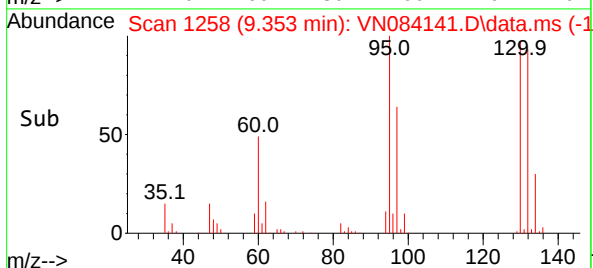
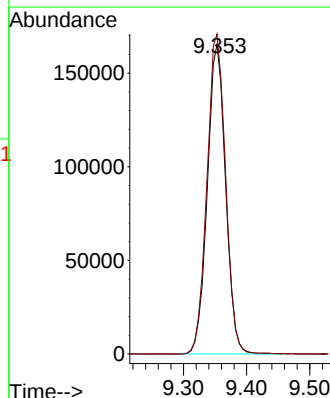
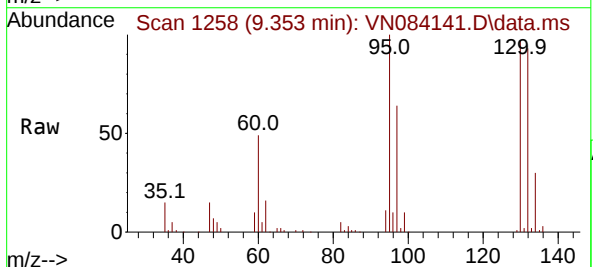
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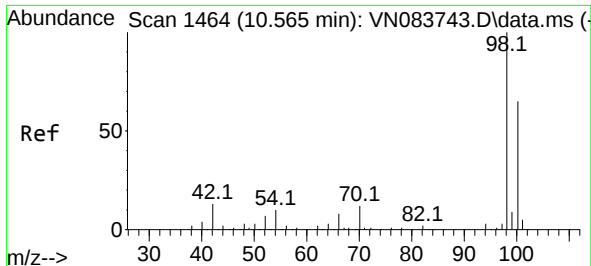
Tgt Ion:113 Resp: 88341
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 16.9 14.3 21.5



#44
Trichloroethene
Concen: 189.017 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

Tgt Ion:130 Resp: 331806
Ion Ratio Lower Upper
130 100
95 103.4 0.0 200.4

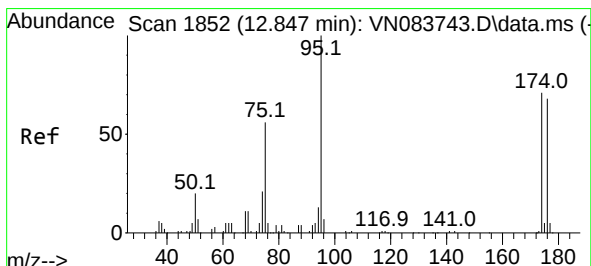
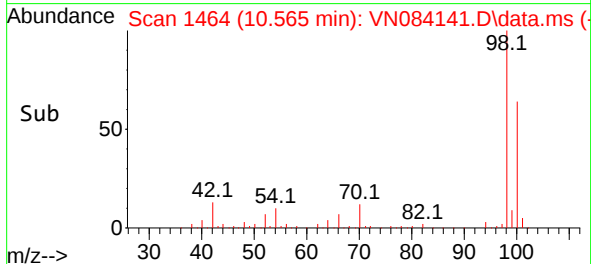
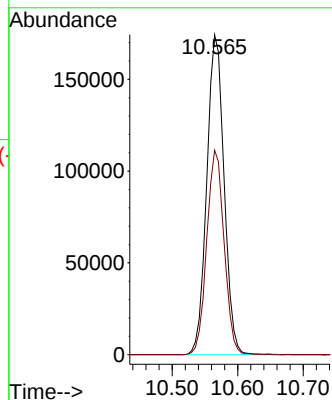
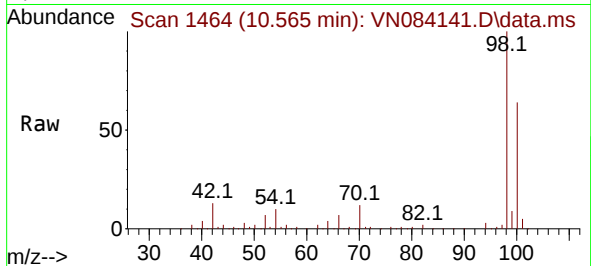




#50
Toluene-d8
Concen: 55.297 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

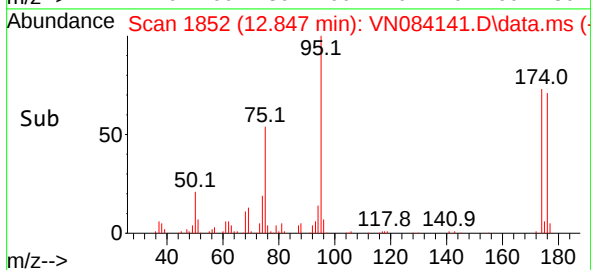
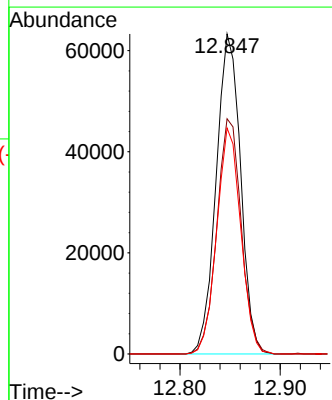
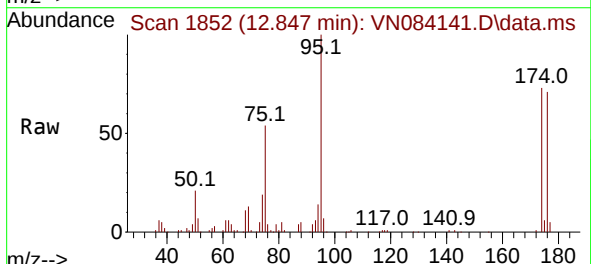
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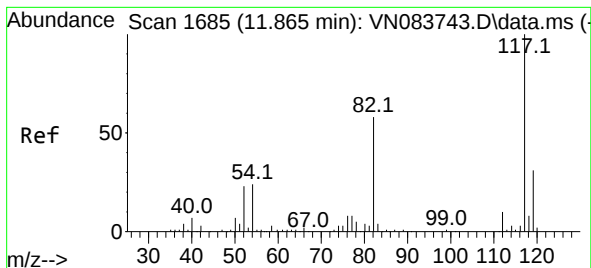
Tgt Ion: 98 Resp: 319871
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.794 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084141.D
Acq: 24 Sep 2024 17:55

Tgt Ion: 95 Resp: 106905
Ion Ratio Lower Upper
95 100
174 73.5 0.0 139.8
176 69.6 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: VN084141.D

Acq: 24 Sep 2024 17:55

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20240917

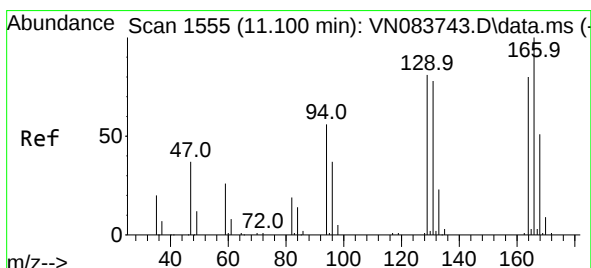
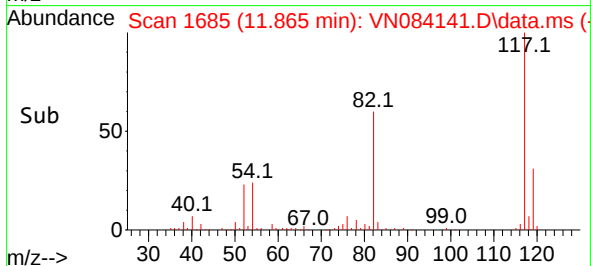
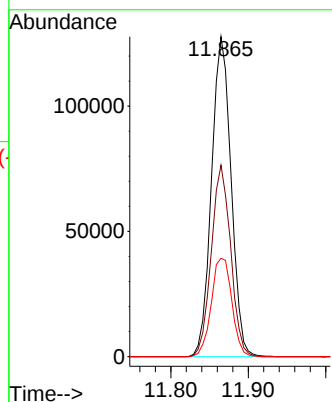
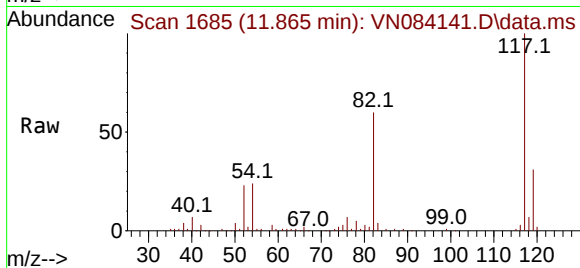
Tgt Ion:117 Resp: 224323

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.0

119 30.8 26.3 39.5



#64

Tetrachloroethene

Concen: 19.155 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084141.D

Acq: 24 Sep 2024 17:55

Tgt Ion:164 Resp: 28576

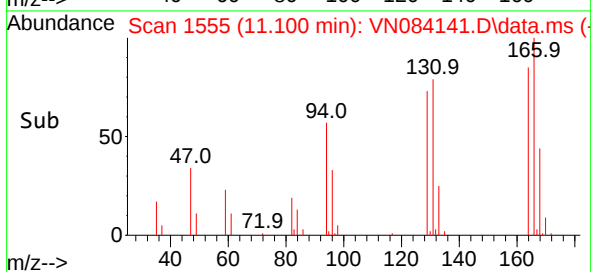
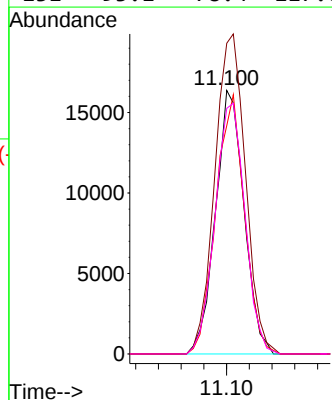
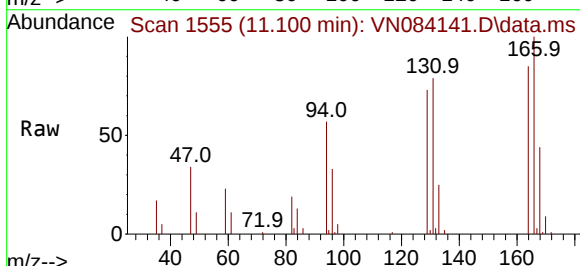
Ion Ratio Lower Upper

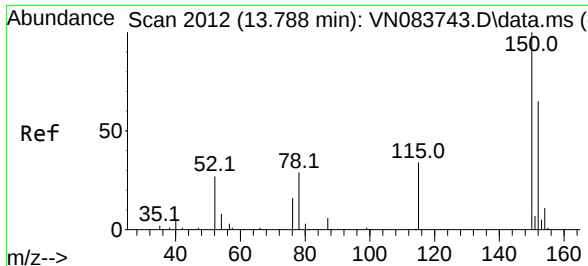
164 100

166 117.9 103.7 155.5

129 86.6 79.9 119.9

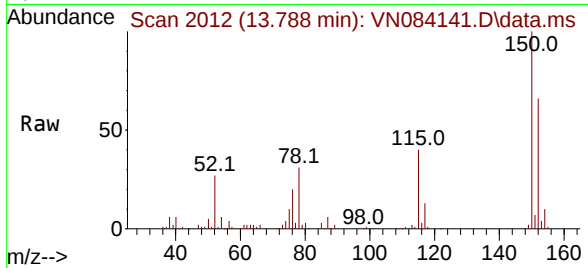
131 93.1 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084141.D
 Acq: 24 Sep 2024 17:55

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 89116
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.2 96.6
 150 156.9 0.0 348.6

