

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084137.D
 Acq On : 24 Sep 2024 16:19
 Operator : JC\MD
 Sample : P4116-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20240917

Quant Time: Sep 25 01:36:12 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)

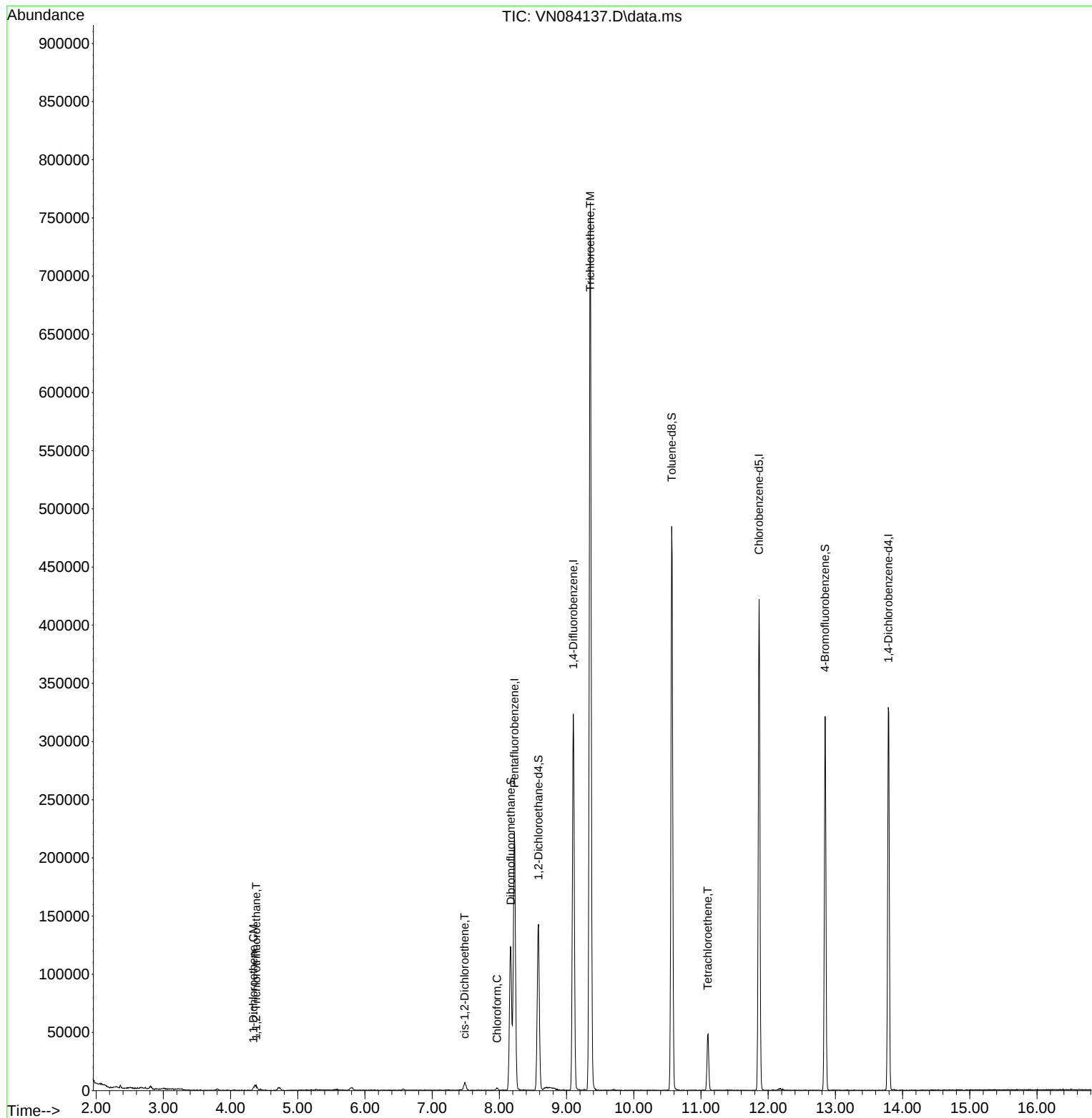
Internal Standards						
1) Pentafluorobenzene	8.224	168	150195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118312	52.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.480%	
35) Dibromofluoromethane	8.171	113	88011	52.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.740%	
50) Toluene-d8	10.565	98	328013	56.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.920%	
62) 4-Bromofluorobenzene	12.847	95	108429	45.236	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.480%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.383	101	3496	2.032	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	1009	0.621	ug/l #	57
27) cis-1,2-Dichloroethene	7.483	96	3911	1.892	ug/l	90
30) Chloroform	7.965	83	2000	0.549	ug/l	94
44) Trichloroethene	9.353	130	258405	146.566	ug/l	94
64) Tetrachloroethene	11.100	164	10731	7.179	ug/l	95

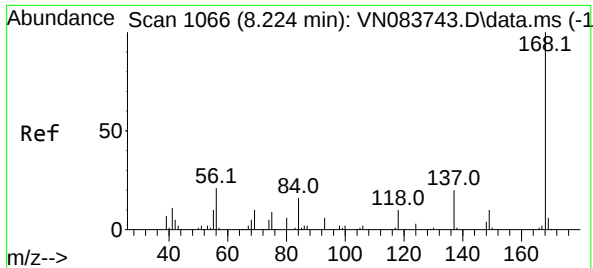
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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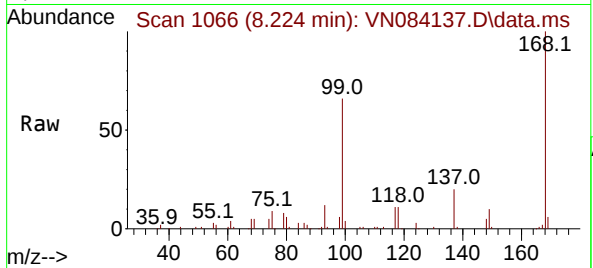
Quant Time: Sep 25 01:36:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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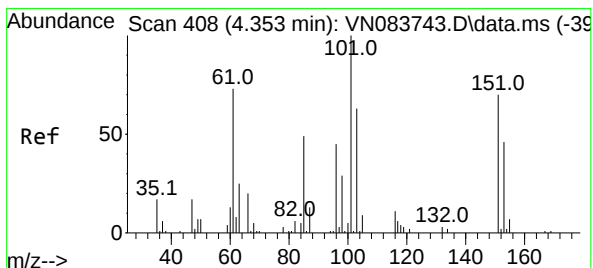
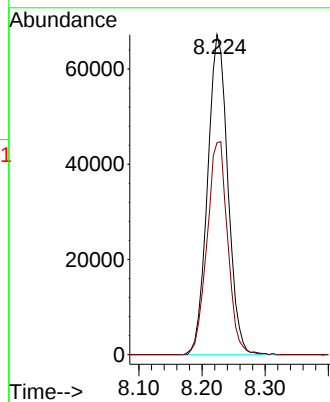
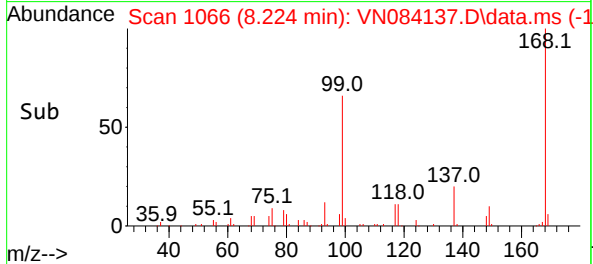


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20240917

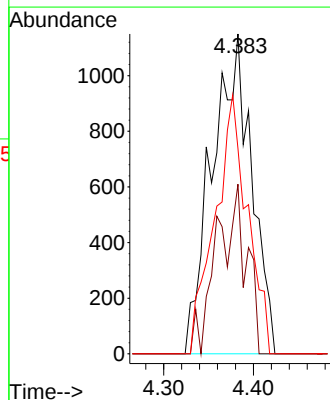
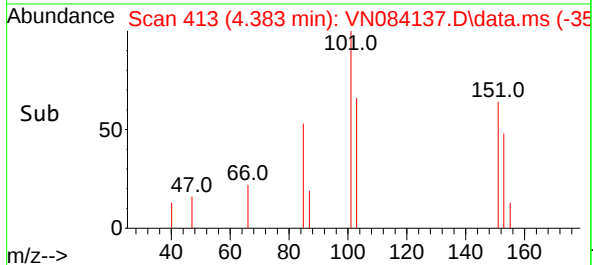
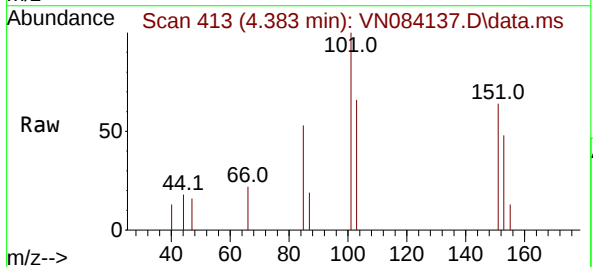


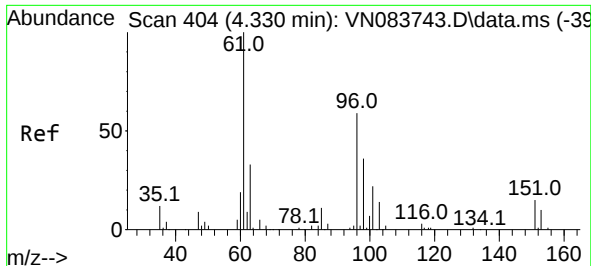
Tgt Ion:168 Resp: 150195
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.032 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.029 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

Tgt Ion:101 Resp: 3496
Ion Ratio Lower Upper
101 100
85 20.5 36.2 54.4#
151 67.0 57.7 86.5





#12

1,1-Dichloroethene

Concen: 0.621 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN084137.D

Acq: 24 Sep 2024 16:19

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20240917

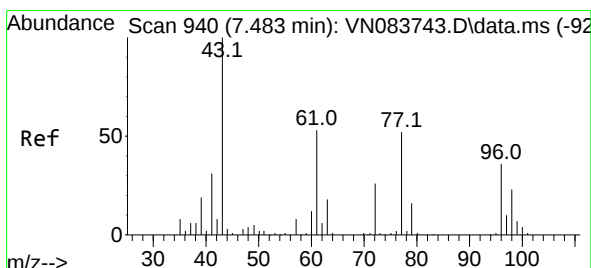
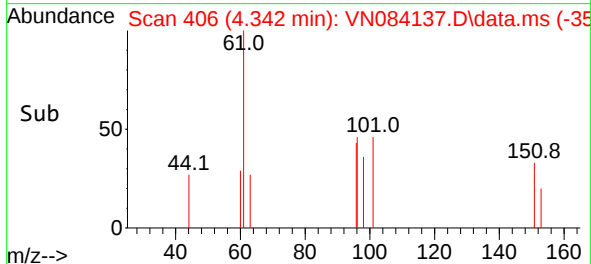
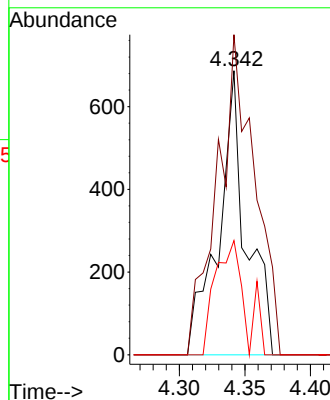
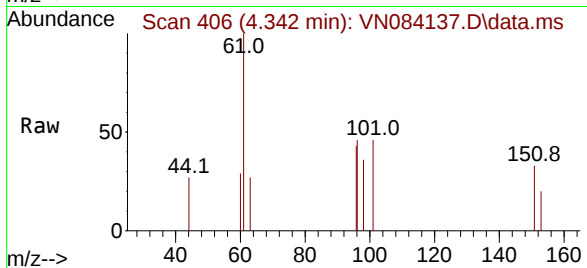
Tgt Ion: 96 Resp: 1009

Ion Ratio Lower Upper

96 100

61 112.7 143.4 215.0#

98 40.2 52.7 79.1#



#27

cis-1,2-Dichloroethene

Concen: 1.892 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN084137.D

Acq: 24 Sep 2024 16:19

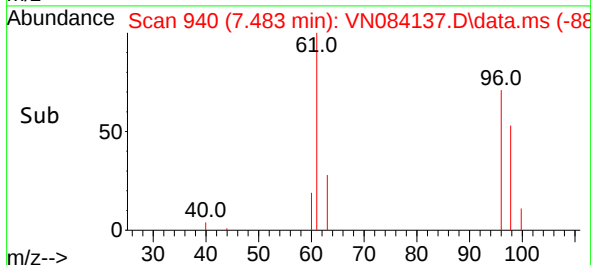
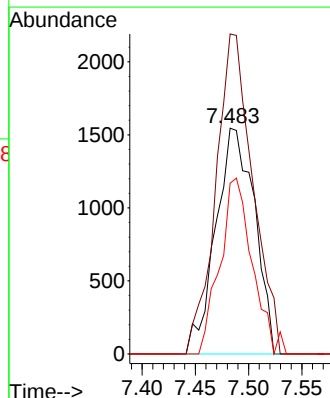
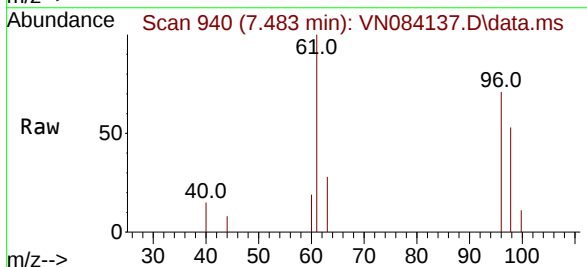
Tgt Ion: 96 Resp: 3911

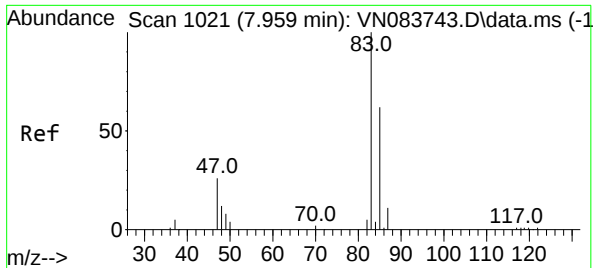
Ion Ratio Lower Upper

96 100

61 135.1 0.0 306.2

98 65.1 0.0 128.6

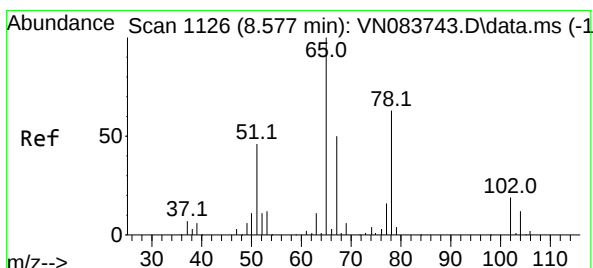
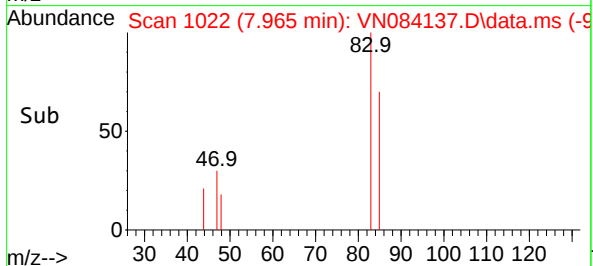
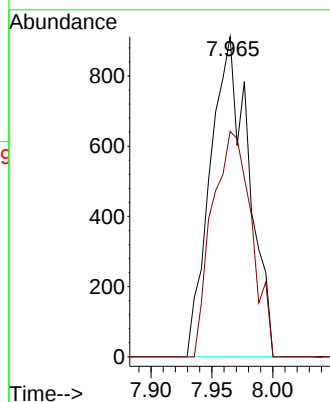
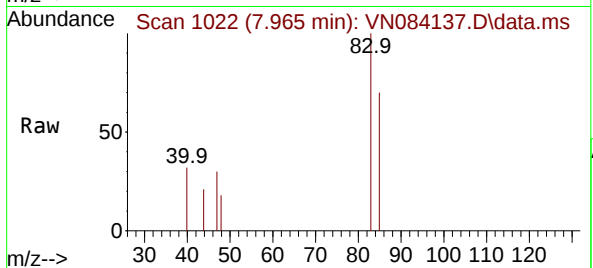




#30
Chloroform
Concen: 0.549 ug/l
RT: 7.965 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

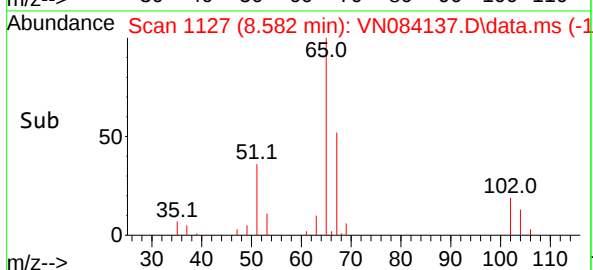
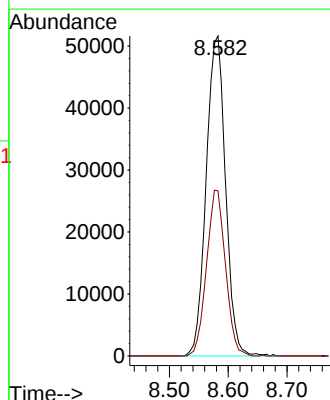
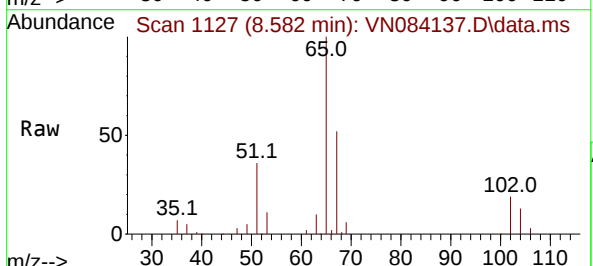
Instrument :
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RE125D1-20240917

Tgt Ion: 83 Resp: 2000
Ion Ratio Lower Upper
83 100
85 70.4 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 52.241 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

Tgt Ion: 65 Resp: 118312
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8

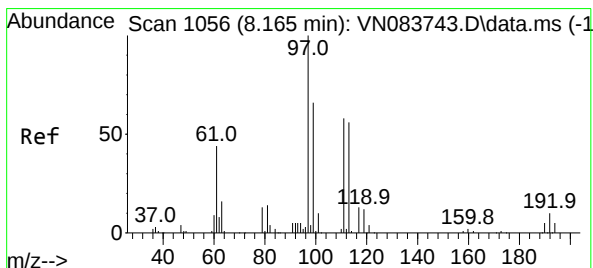
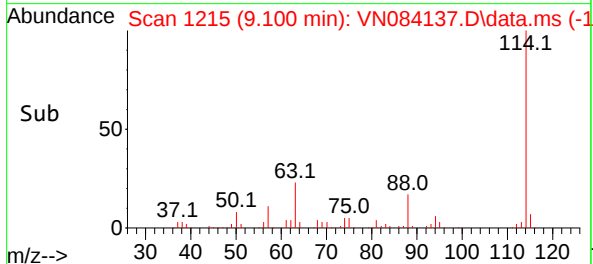
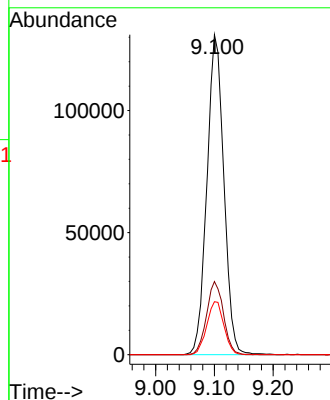
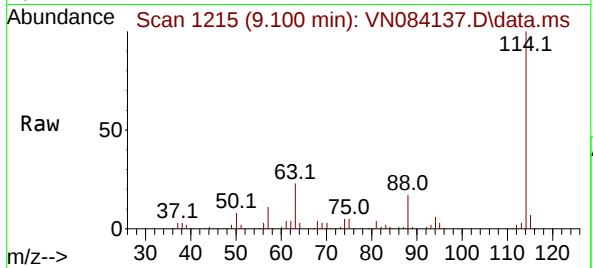




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

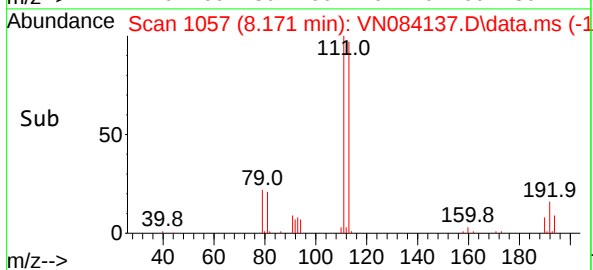
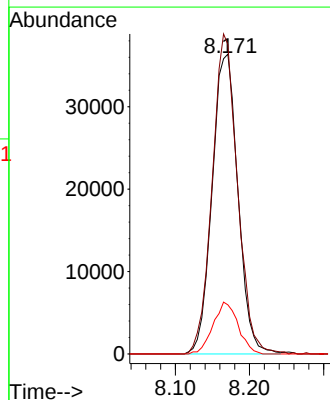
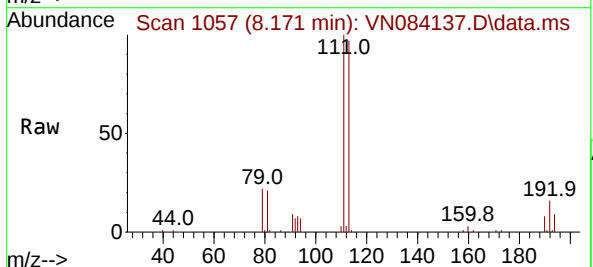
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20240917

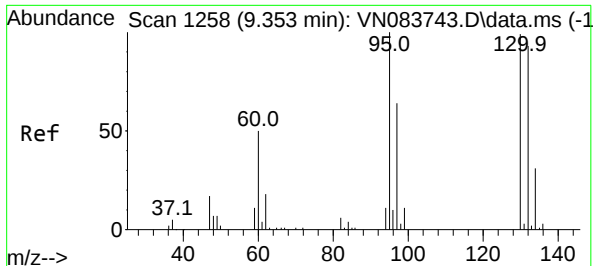
Tgt Ion:114 Resp: 262510
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.4
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.370 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

Tgt Ion:113 Resp: 88011
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 16.8 14.3 21.5

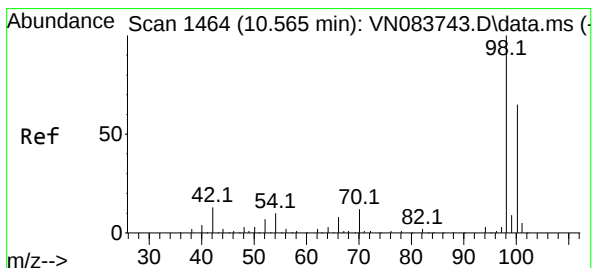
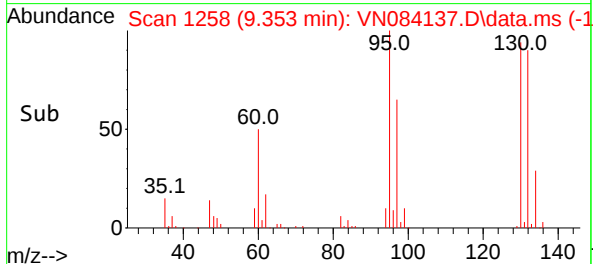
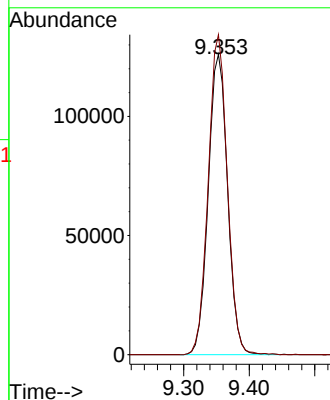
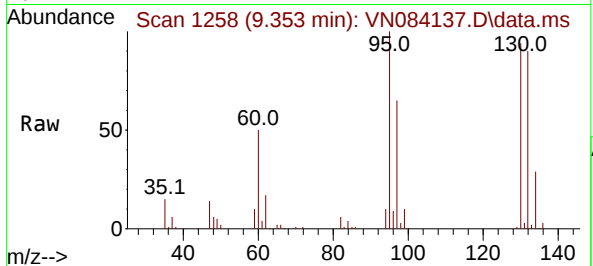




#44
Trichloroethene
Concen: 146.566 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

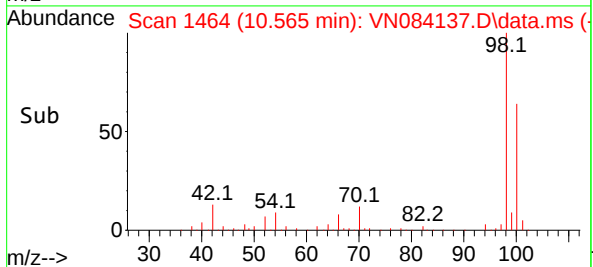
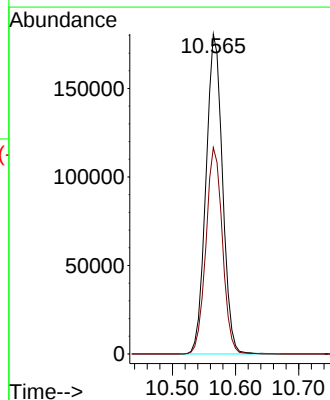
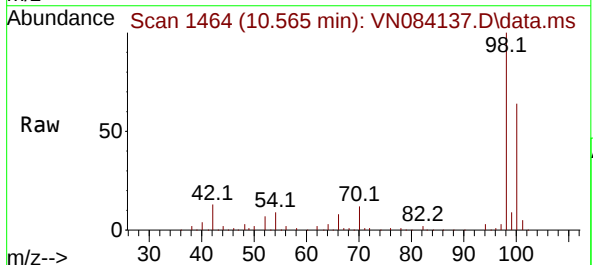
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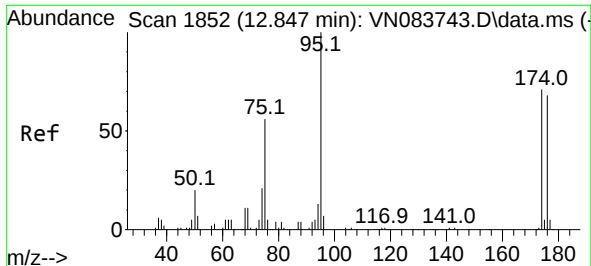
Tgt Ion:130 Resp: 258405
Ion Ratio Lower Upper
130 100
95 106.6 0.0 200.4



#50
Toluene-d8
Concen: 56.459 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

Tgt Ion: 98 Resp: 328013
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

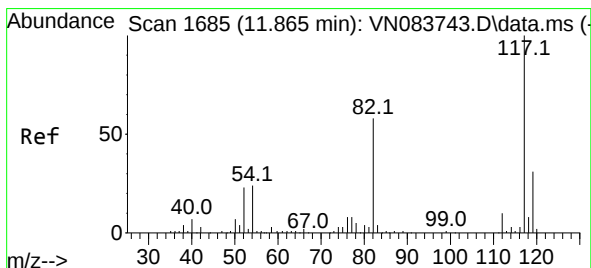
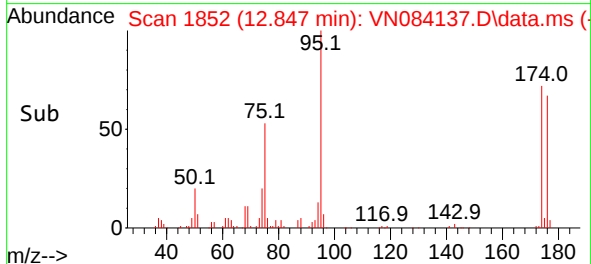
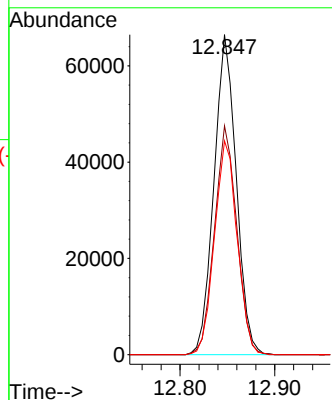
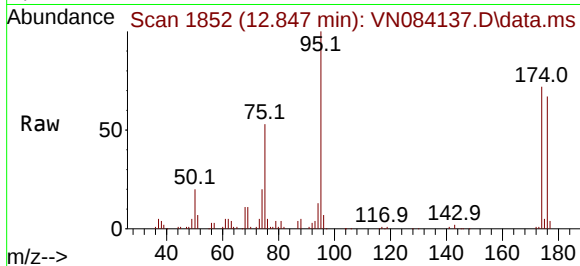




#62
4-Bromofluorobenzene
Concen: 45.236 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

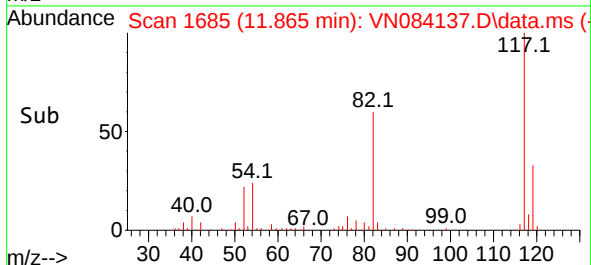
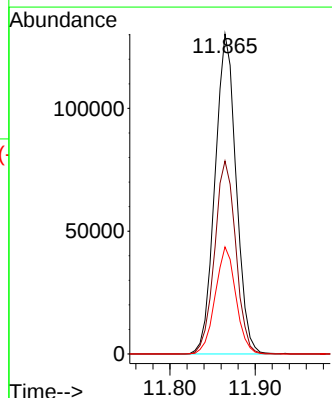
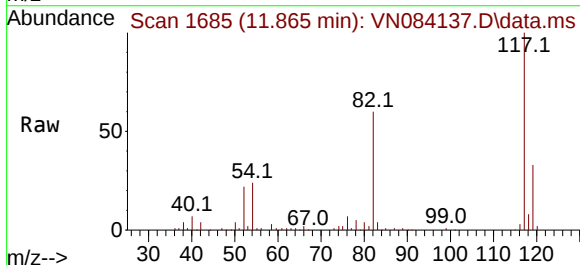
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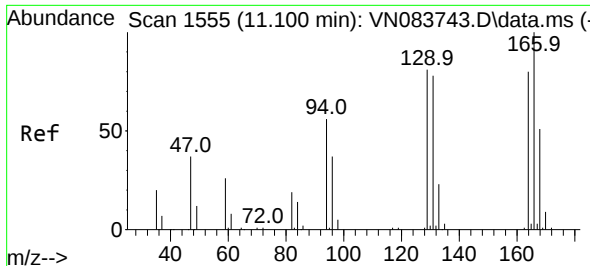
Tgt Ion: 95 Resp: 108429
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

Tgt Ion: 117 Resp: 224764
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.0
119 33.4 26.3 39.5

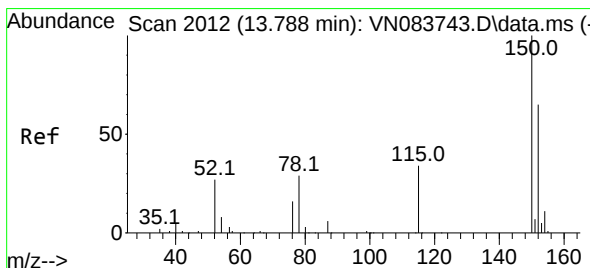
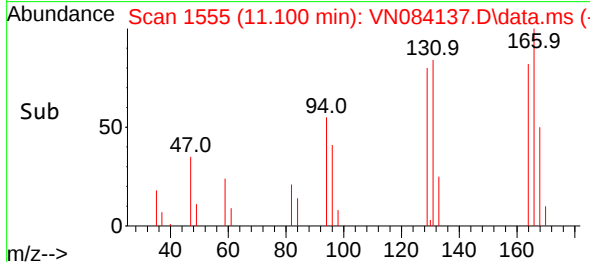
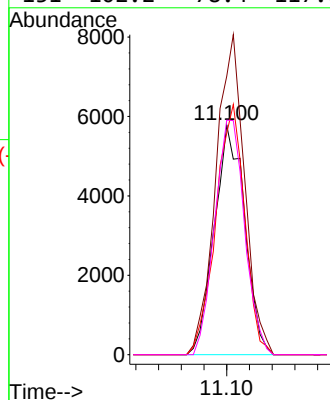
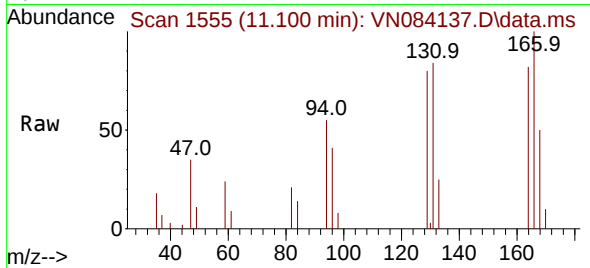




#64
Tetrachloroethene
Concen: 7.179 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

Instrument :
MSVOA_N
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Tgt Ion:164	Resp:	10731
Ion	Ratio	Lower Upper
164	100	
166	121.4	103.7 155.5
129	96.6	79.9 119.9
131	102.2	78.4 117.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084137.D
Acq: 24 Sep 2024 16:19

Tgt Ion:152	Resp:	86841
Ion	Ratio	Lower Upper
152	100	
115	63.5	32.2 96.6
150	159.1	0.0 348.6

