

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084142.D
 Acq On : 24 Sep 2024 18:19
 Operator : JC\MD
 Sample : P4116-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D3-20240917

Quant Time: Sep 25 04:23:38 2024
 Quant Title :
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

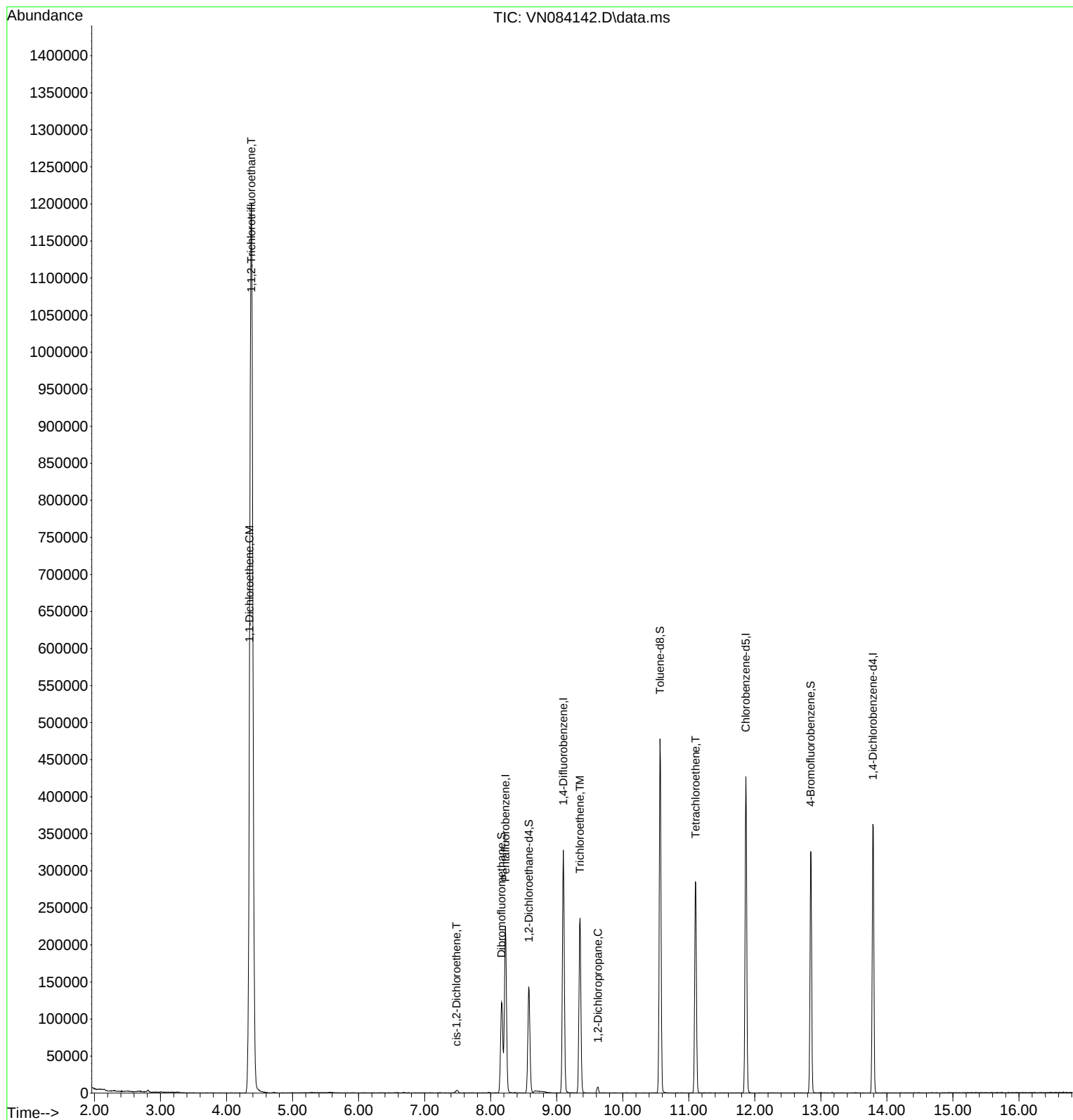
Internal Standards						
1) Pentafluorobenzene	8.224	168	149493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118447	52.546	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.100%
35) Dibromofluoromethane	8.165	113	88630	52.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.480%
50) Toluene-d8	10.565	98	319725	54.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.020%
62) 4-Bromofluorobenzene	12.847	95	114203	47.194	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.380%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.377	101	842566	492.120	ug/l	99
12) 1,1-Dichloroethene	4.347	96	5487m	3.393	ug/l	
27) cis-1,2-Dichloroethene	7.482	96	2394	1.164	ug/l	84
44) Trichloroethene	9.353	130	82187	46.175	ug/l	97
45) 1,2-Dichloropropane	9.624	63	3383	1.821	ug/l #	80
64) Tetrachloroethene	11.106	164	65125	42.893	ug/l	93

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

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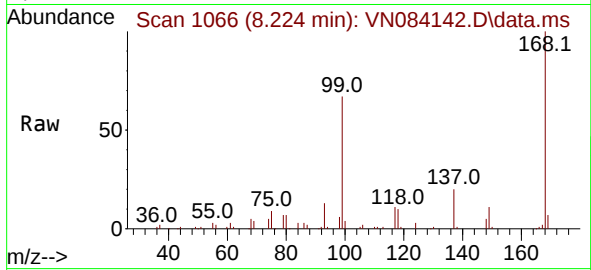
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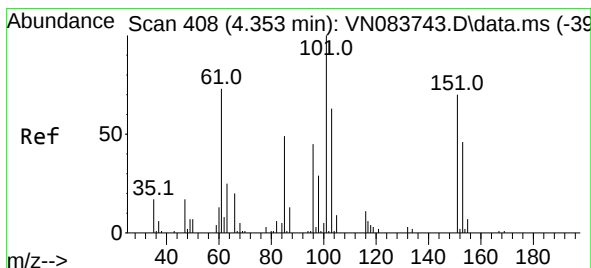
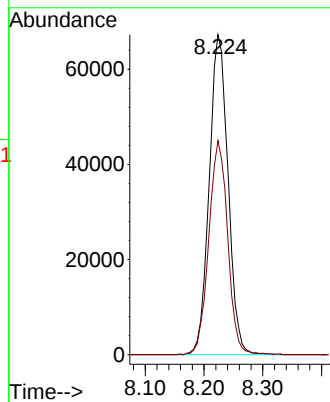
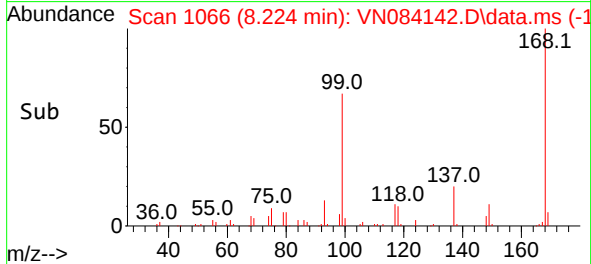


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084142.D
Acq: 24 Sep 2024 18:19

Instrument :
MSVOA_N
ClientSampleId :
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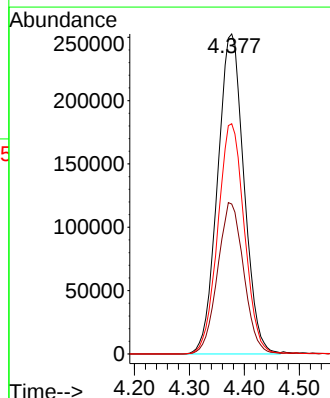
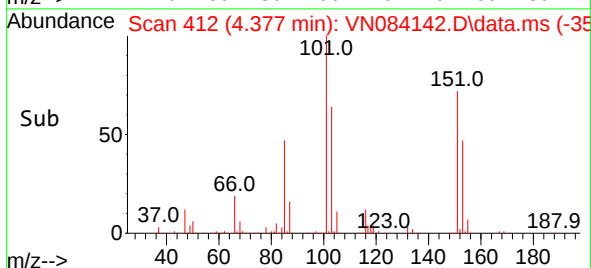
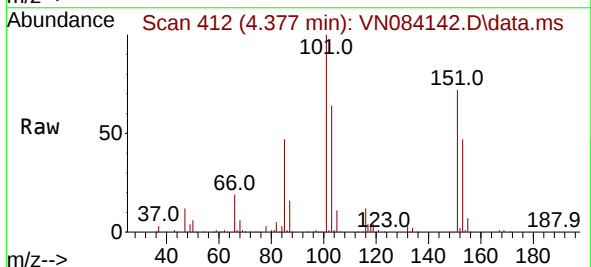


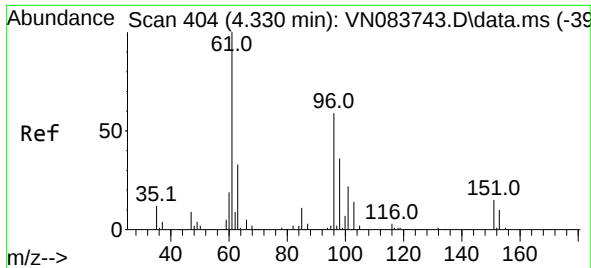
Tgt Ion:168 Resp: 149493
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 492.120 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN084142.D
Acq: 24 Sep 2024 18:19

Tgt Ion:101 Resp: 842566
Ion Ratio Lower Upper
101 100
85 46.8 36.2 54.4
151 72.4 57.7 86.5

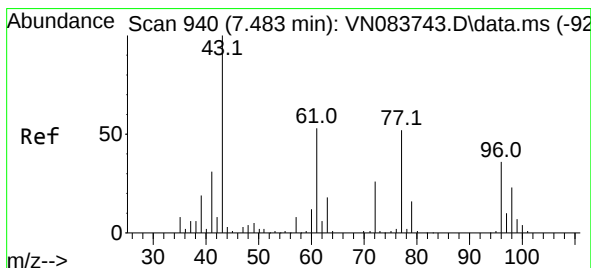
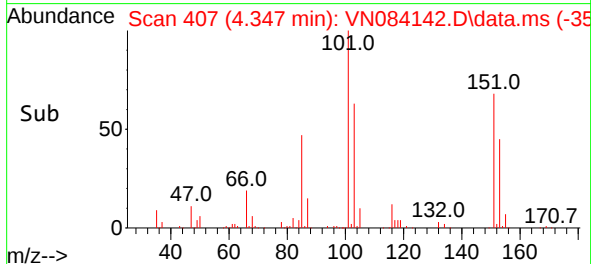
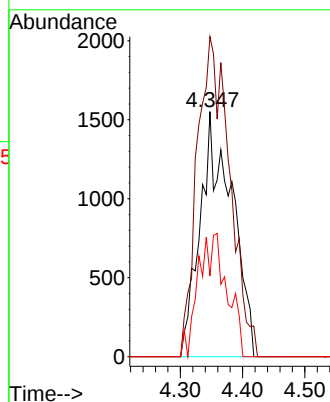
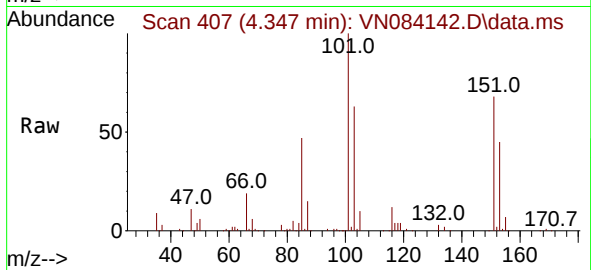




#12
 1,1-Dichloroethene
 Concen: 3.393 ug/l m
 RT: 4.347 min Scan# 404
 Delta R.T. 0.018 min
 Lab File: VN084142.D
 Acq: 24 Sep 2024 18:19

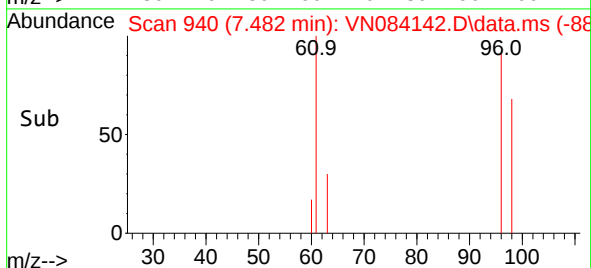
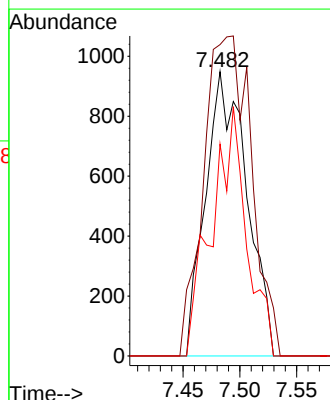
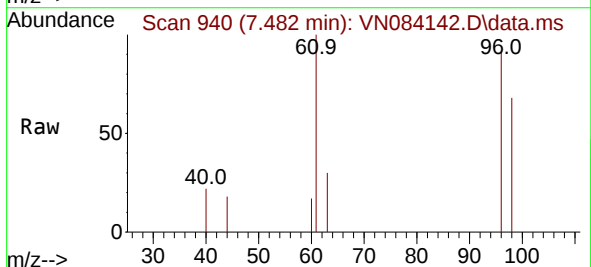
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D3-20240917

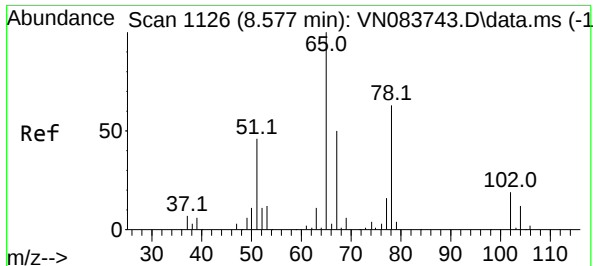
Tgt Ion: 96 Resp: 5487
 Ion Ratio Lower Upper
 96 100
 61 130.5 143.4 215.0#
 98 32.9 52.7 79.1#



#27
 cis-1,2-Dichloroethene
 Concen: 1.164 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN084142.D
 Acq: 24 Sep 2024 18:19

Tgt Ion: 96 Resp: 2394
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 306.2
 98 73.9 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 52.546 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084142.D

Acq: 24 Sep 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

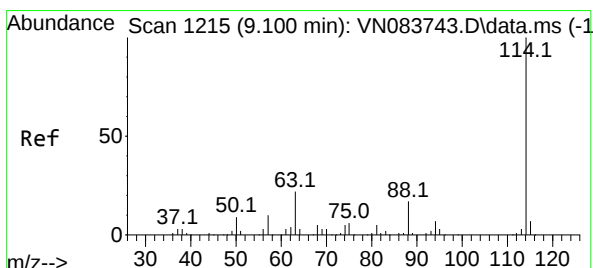
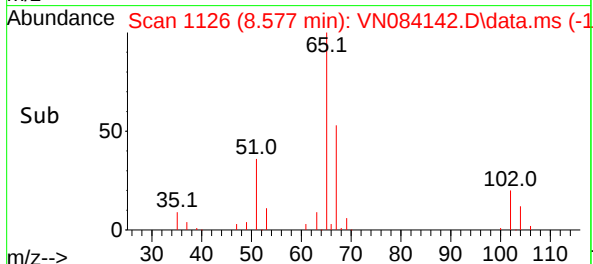
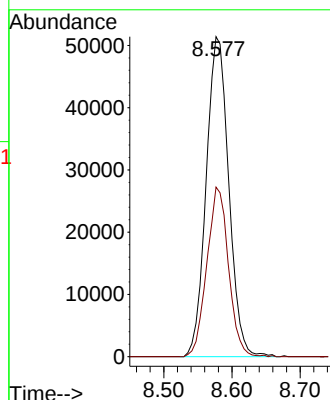
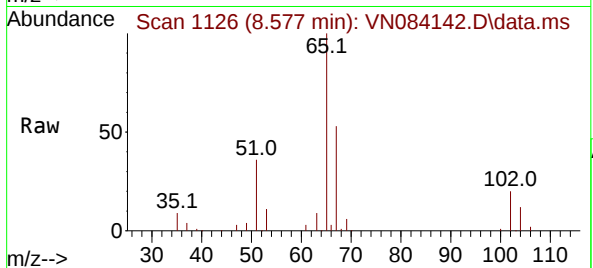
RE131D3-20240917

Tgt Ion: 65 Resp: 118447

Ion Ratio Lower Upper

65 100

67 50.8 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: VN084142.D

Acq: 24 Sep 2024 18:19

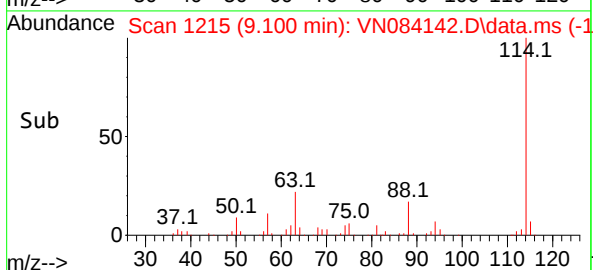
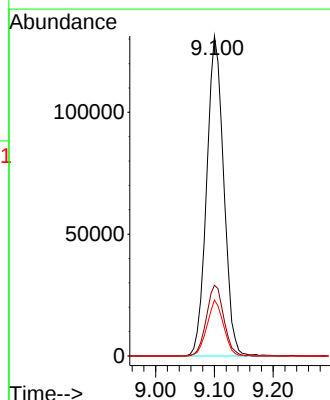
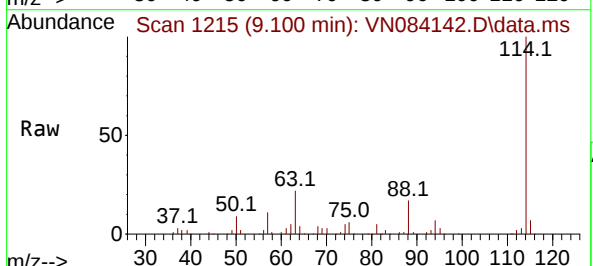
Tgt Ion: 114 Resp: 265018

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 17.5 0.0 32.6

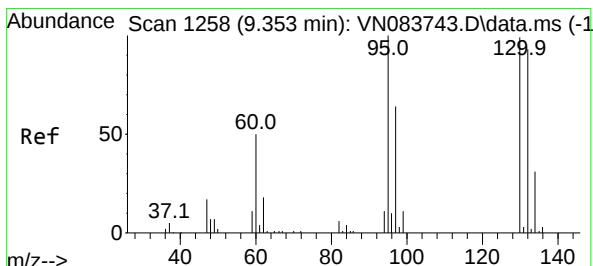
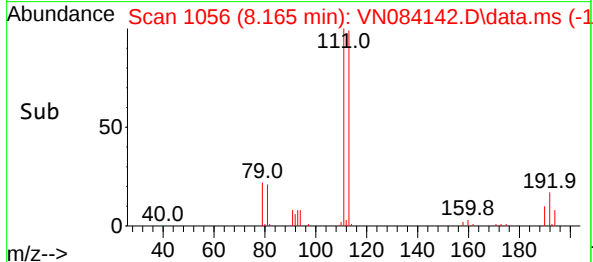
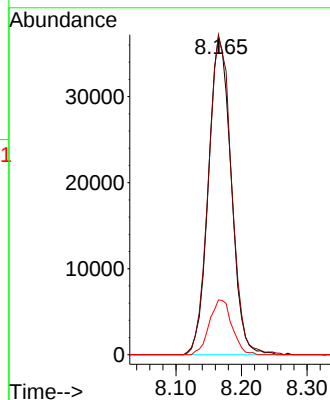
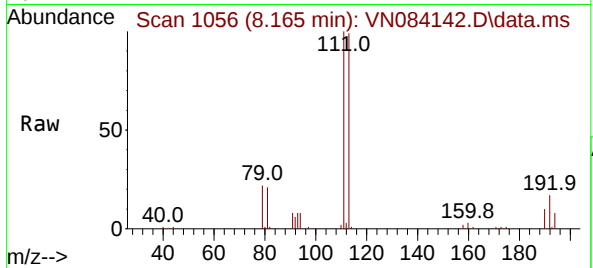




#35
Dibromofluoromethane
Concen: 52.239 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084142.D
Acq: 24 Sep 2024 18:19

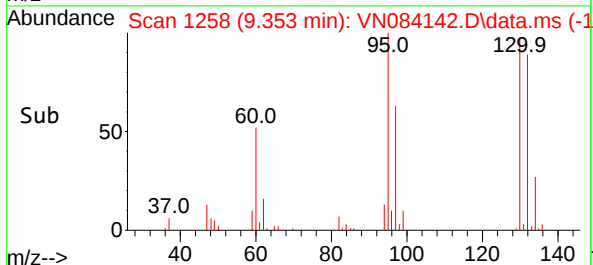
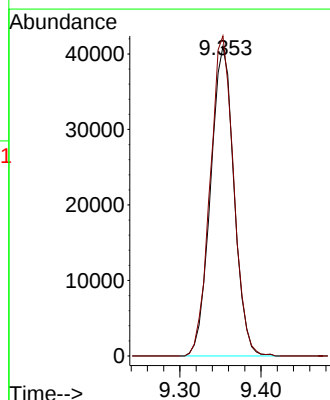
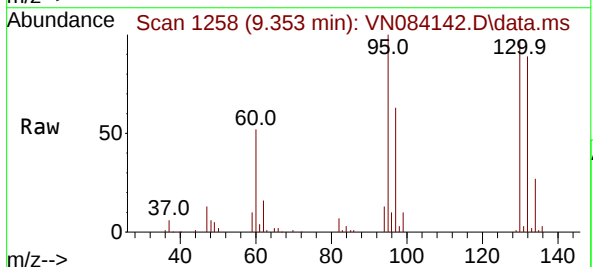
Instrument :
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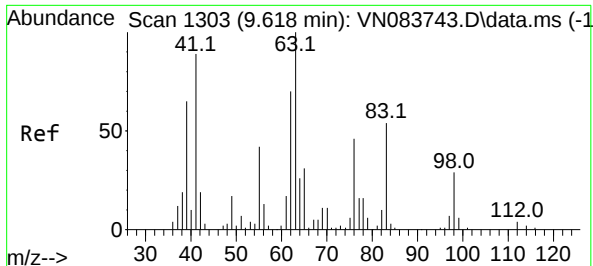
Tgt Ion:113 Resp: 88630
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.2 14.3 21.5



#44
Trichloroethene
Concen: 46.175 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084142.D
Acq: 24 Sep 2024 18:19

Tgt Ion:130 Resp: 82187
Ion Ratio Lower Upper
130 100
95 103.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 1.821 ug/l

RT: 9.624 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084142.D

Acq: 24 Sep 2024 18:19

Instrument :

MSVOA_N

ClientSampleId :

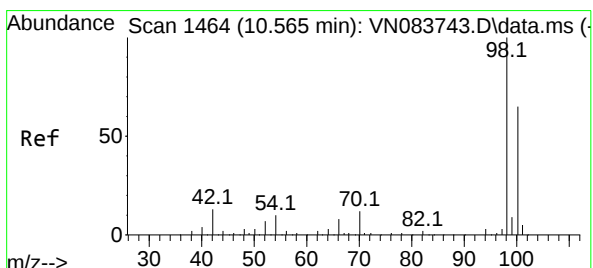
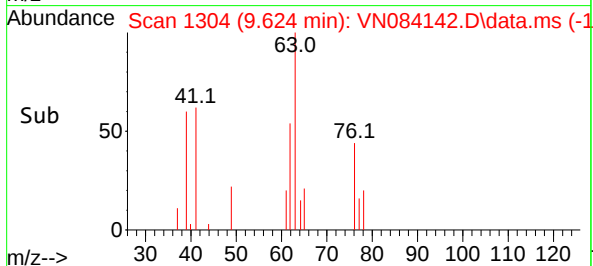
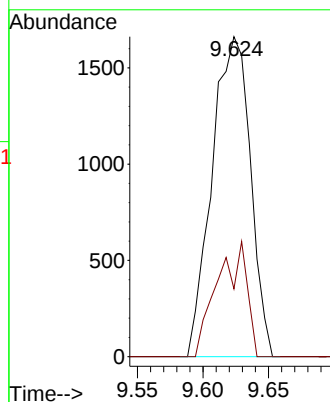
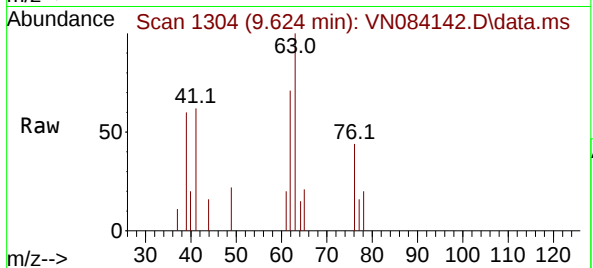
RE131D3-20240917

Tgt Ion: 63 Resp: 3383

Ion Ratio Lower Upper

63 100

65 21.2 25.9 38.9#



#50

Toluene-d8

Concen: 54.511 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084142.D

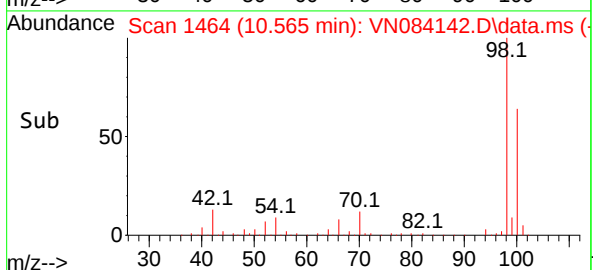
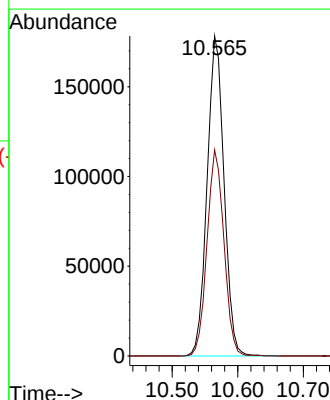
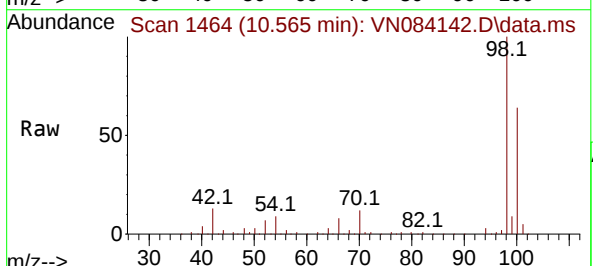
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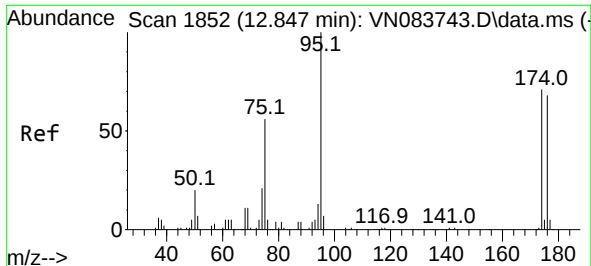
Tgt Ion: 98 Resp: 319725

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

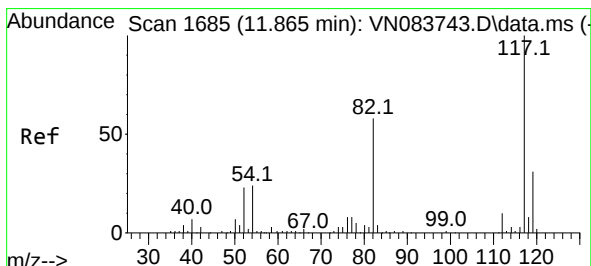
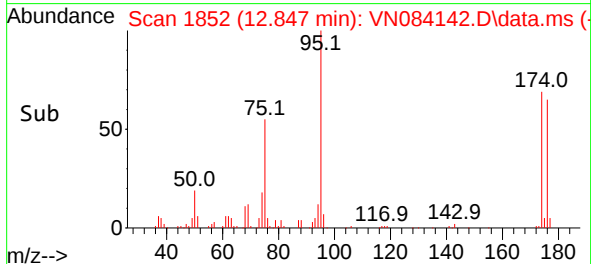
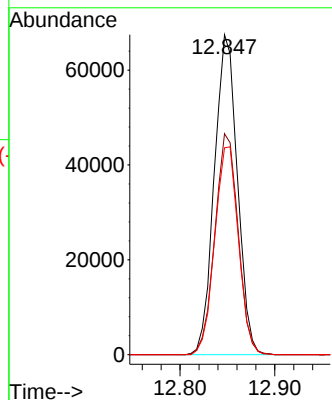
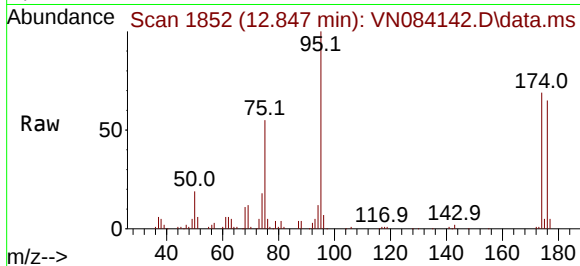




#62
4-Bromofluorobenzene
Concen: 47.194 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084142.D
Acq: 24 Sep 2024 18:19

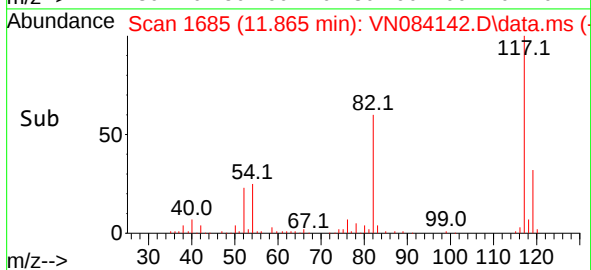
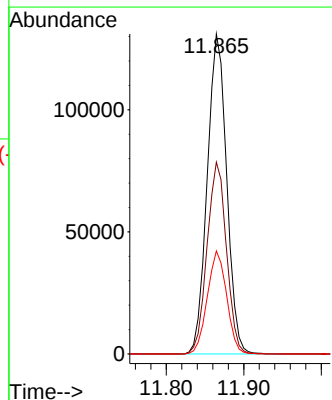
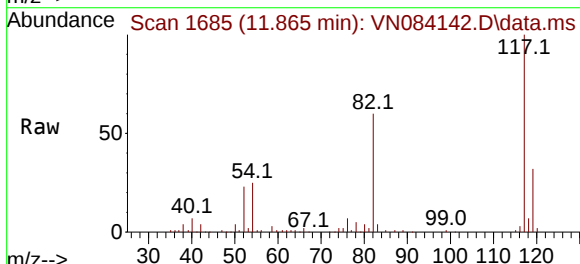
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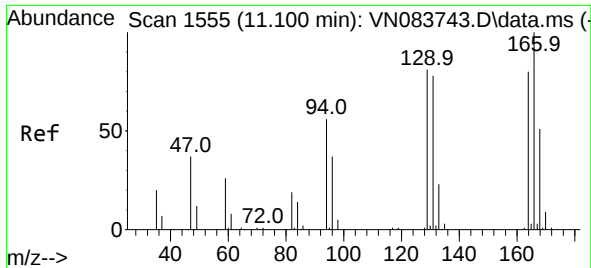
Tgt Ion: 95 Resp: 114203
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.8
176 66.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084142.D
Acq: 24 Sep 2024 18:19

Tgt Ion: 117 Resp: 228309
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 32.2 26.3 39.5

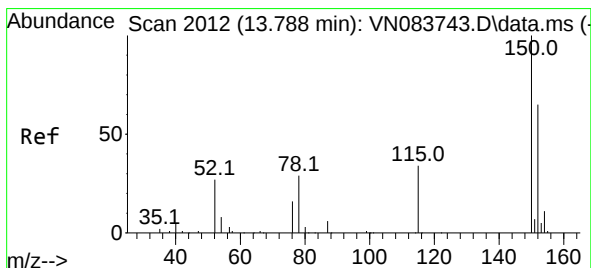
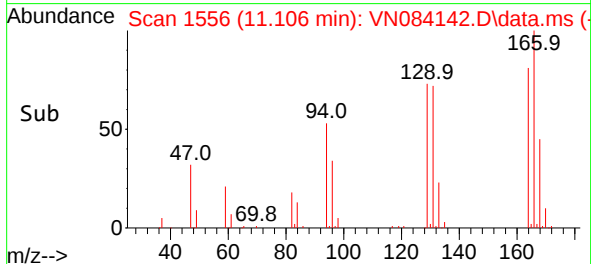
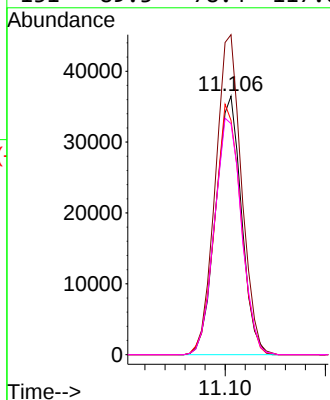
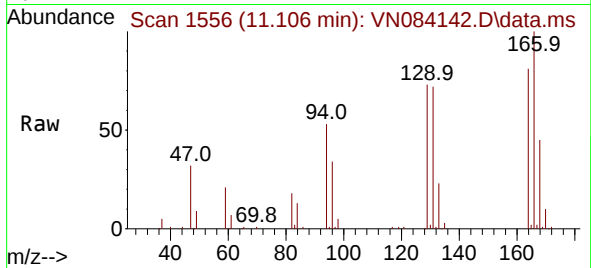




#64
Tetrachloroethene
Concen: 42.893 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084142.D
Acq: 24 Sep 2024 18:19

Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20240917

Tgt Ion:164 Resp: 65125
Ion Ratio Lower Upper
164 100
166 123.7 103.7 155.5
129 90.6 79.9 119.9
131 89.3 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: VN084142.D
Acq: 24 Sep 2024 18:19

Tgt Ion:152 Resp: 94877
Ion Ratio Lower Upper
152 100
115 62.3 32.2 96.6
150 158.2 0.0 348.6

