

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084140.D
 Acq On : 24 Sep 2024 17:31
 Operator : JC\MD
 Sample : P4116-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20240917

Quant Time: Sep 25 01:37:46 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)

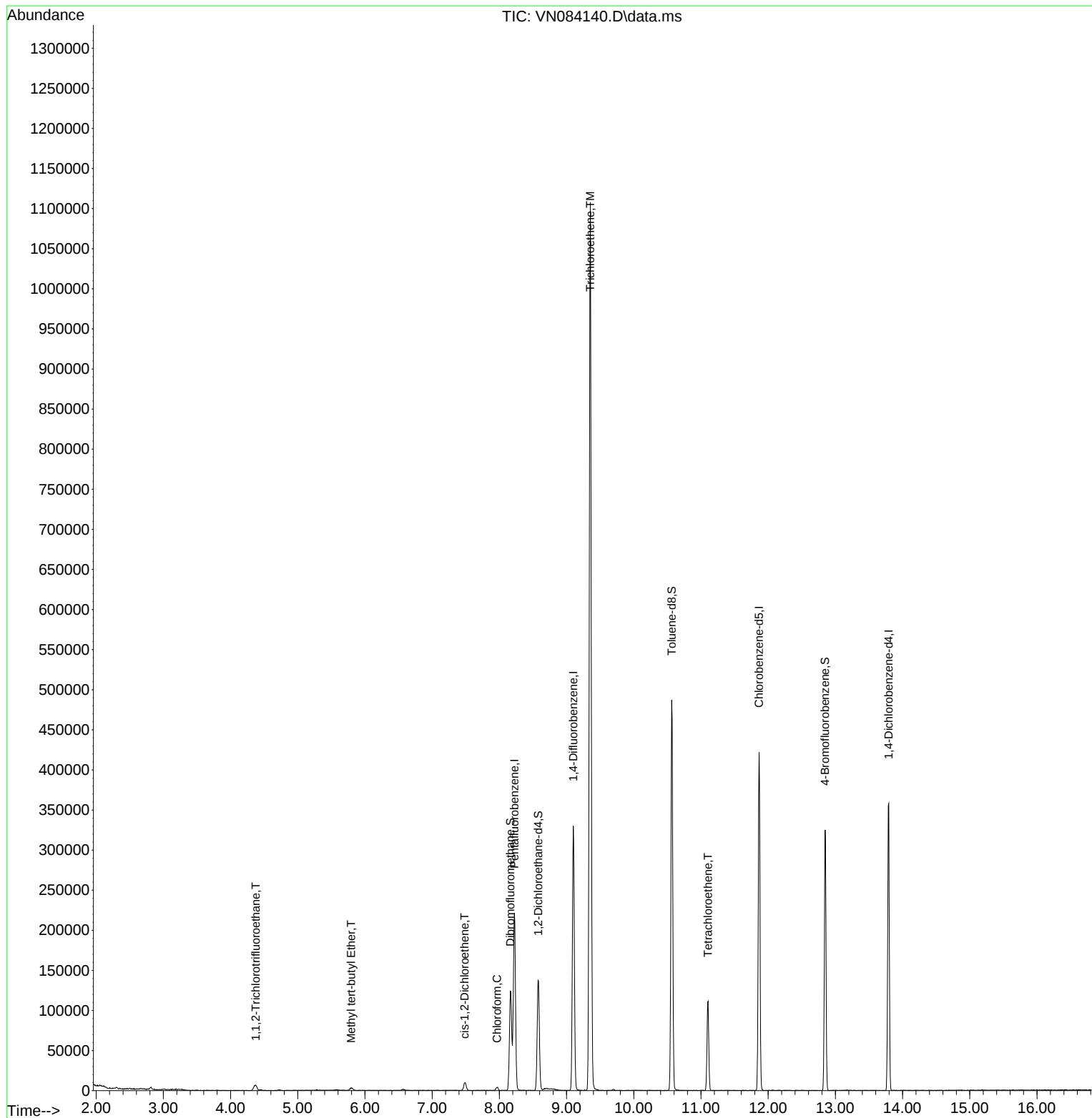
Internal Standards						
1) Pentafluorobenzene	8.224	168	150323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	117734	51.942	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.880%	
35) Dibromofluoromethane	8.165	113	89019	51.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.720%	
50) Toluene-d8	10.565	98	331871	55.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.760%	
62) 4-Bromofluorobenzene	12.847	95	110542	44.714	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.420%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	4822	2.801	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	4994	0.849	ug/l	95
27) cis-1,2-Dichloroethene	7.482	96	6127	2.962	ug/l	92
30) Chloroform	7.965	83	4440	1.217	ug/l	100
44) Trichloroethene	9.353	130	378167	207.968	ug/l	96
64) Tetrachloroethene	11.106	164	24890	16.135	ug/l	97

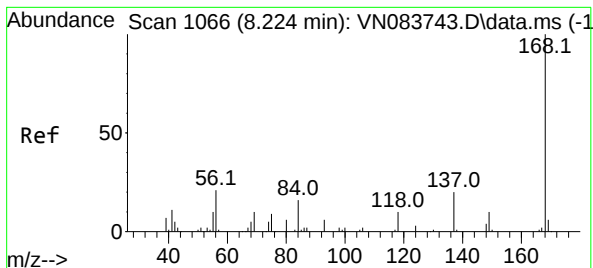
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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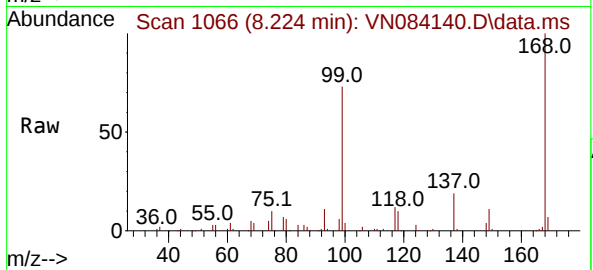
Quant Time: Sep 25 01:37:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
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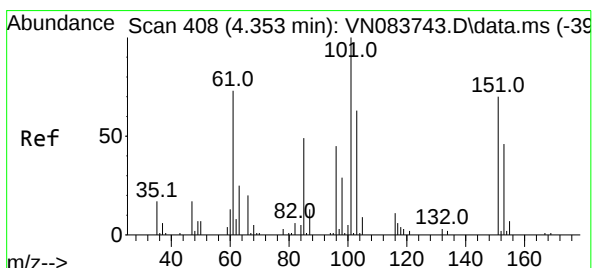
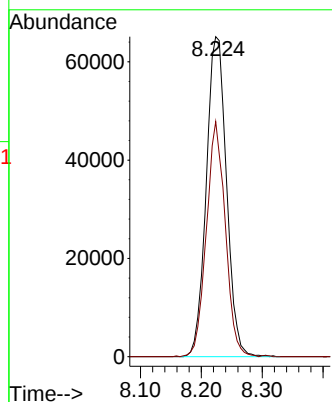
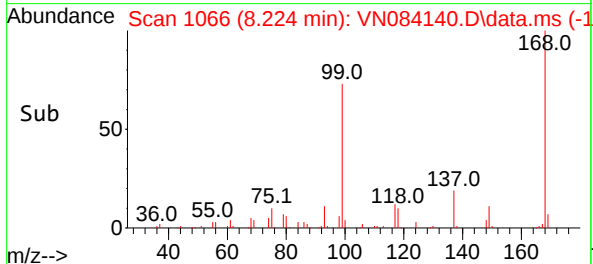


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084140.D
Acq: 24 Sep 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20240917

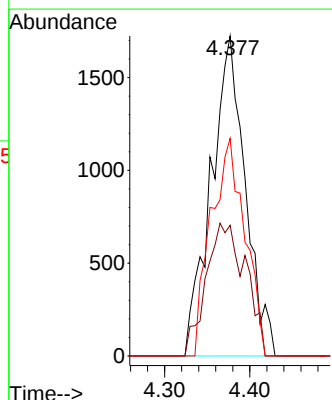
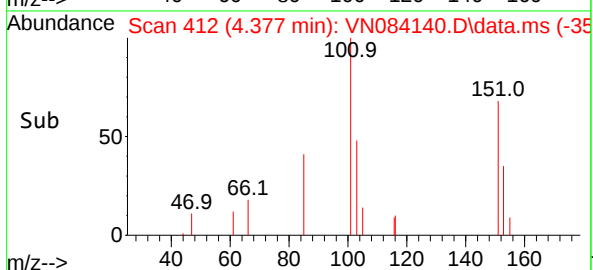
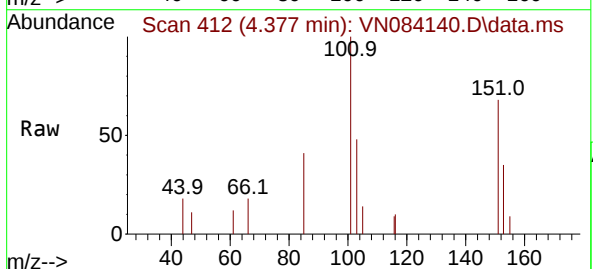


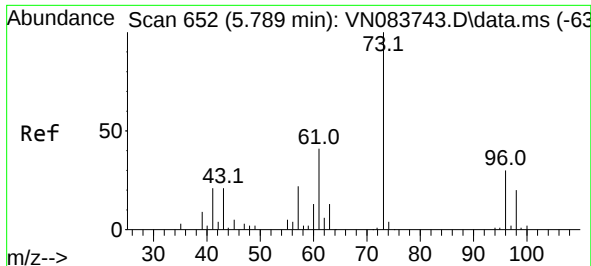
Tgt Ion:168 Resp: 150323
Ion Ratio Lower Upper
168 100
99 73.5 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.801 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN084140.D
Acq: 24 Sep 2024 17:31

Tgt Ion:101 Resp: 4822
Ion Ratio Lower Upper
101 100
85 47.8 36.2 54.4
151 67.2 57.7 86.5

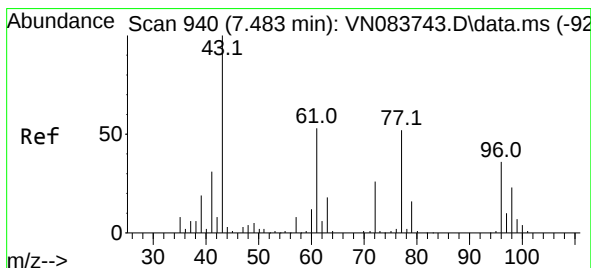
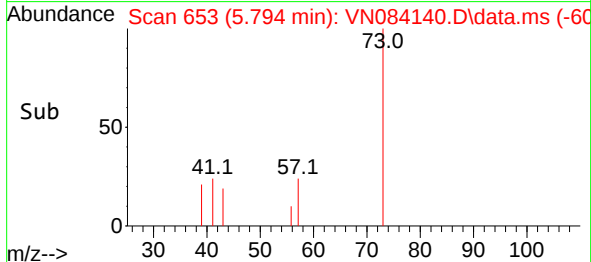
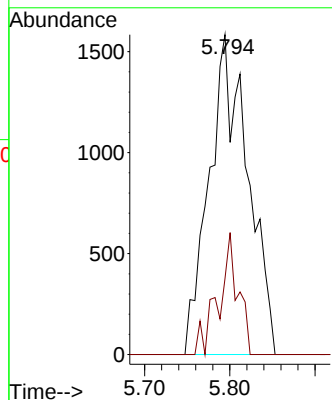
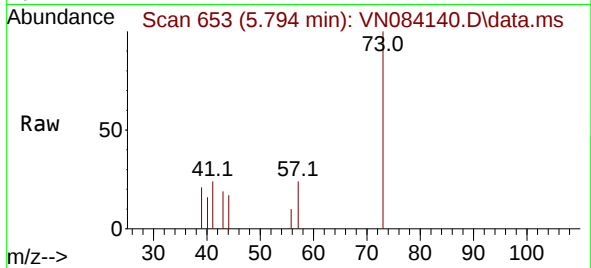




#19
Methyl tert-butyl Ether
Concen: 0.849 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084140.D
Acq: 24 Sep 2024 17:31

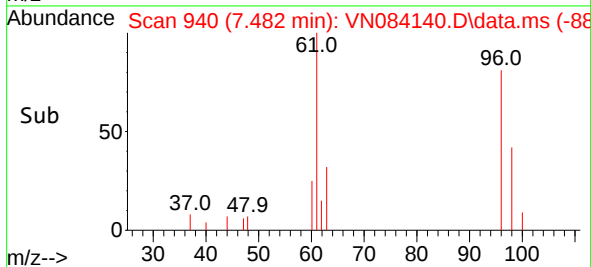
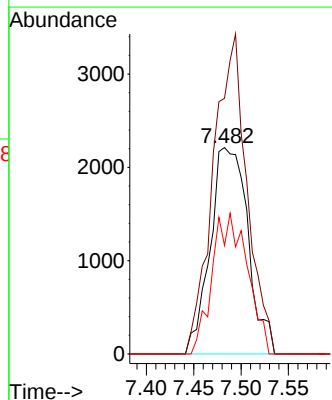
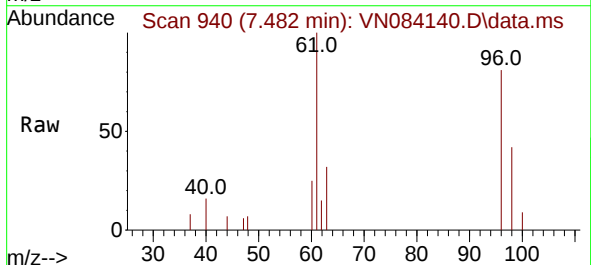
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20240917

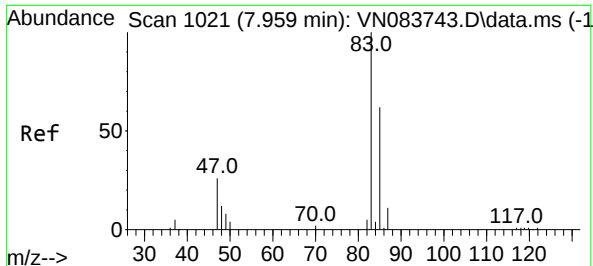
Tgt Ion: 73 Resp: 4994
Ion Ratio Lower Upper
73 100
57 23.8 17.0 25.6



#27
cis-1,2-Dichloroethene
Concen: 2.962 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084140.D
Acq: 24 Sep 2024 17:31

Tgt Ion: 96 Resp: 6127
Ion Ratio Lower Upper
96 100
61 138.3 0.0 306.2
98 63.3 0.0 128.6





#30

Chloroform

Concen: 1.217 ug/l

RT: 7.965 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VN084140.D

Acq: 24 Sep 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

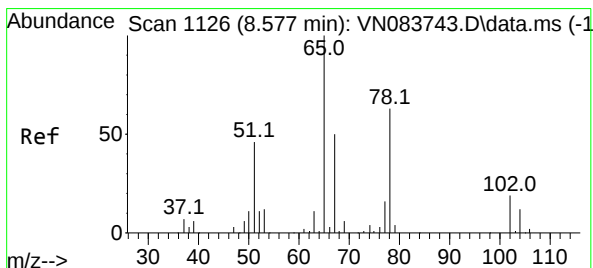
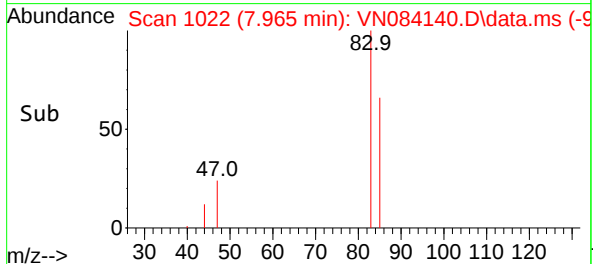
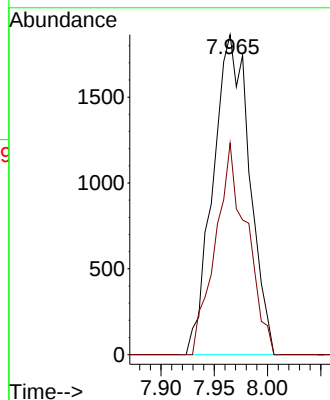
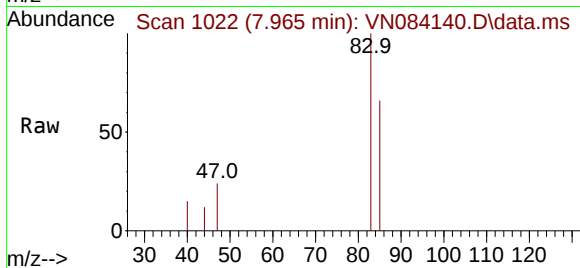
RE131D1-20240917

Tgt Ion: 83 Resp: 4440

Ion Ratio Lower Upper

83 100

85 66.1 52.8 79.2



#33

1,2-Dichloroethane-d4

Concen: 51.942 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084140.D

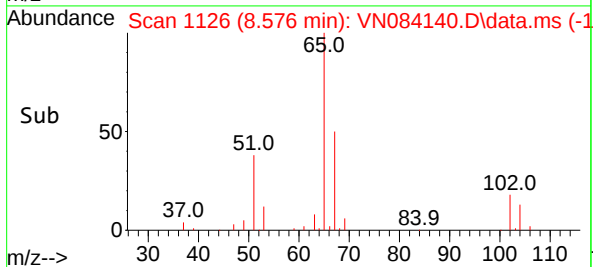
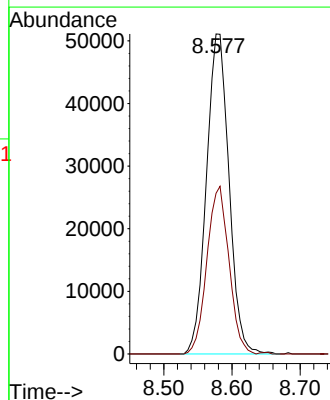
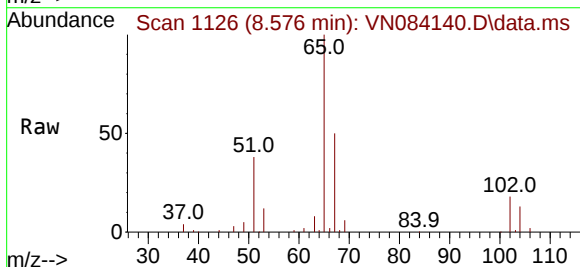
Acq: 24 Sep 2024 17:31

Tgt Ion: 65 Resp: 117734

Ion Ratio Lower Upper

65 100

67 51.1 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: VN084140.D

Acq: 24 Sep 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20240917

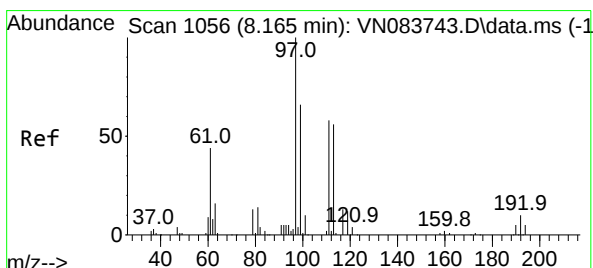
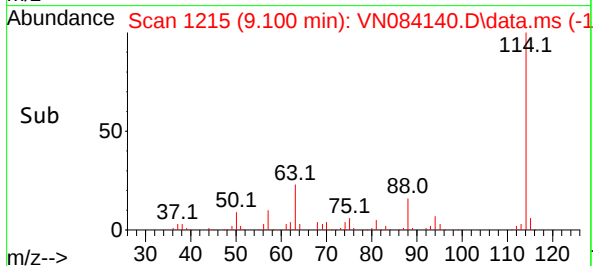
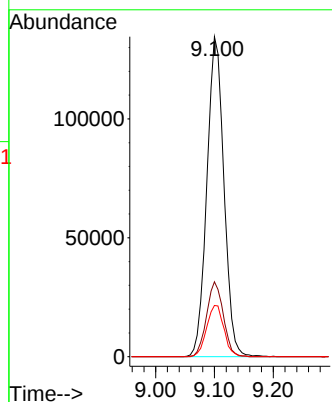
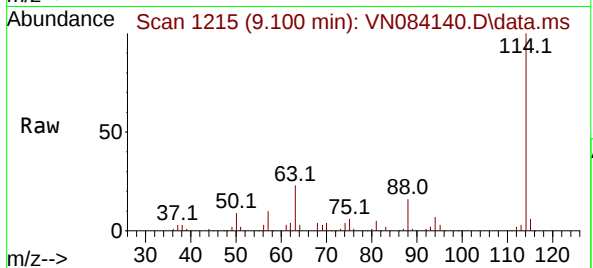
Tgt Ion:114 Resp: 270748

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.358 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084140.D

Acq: 24 Sep 2024 17:31

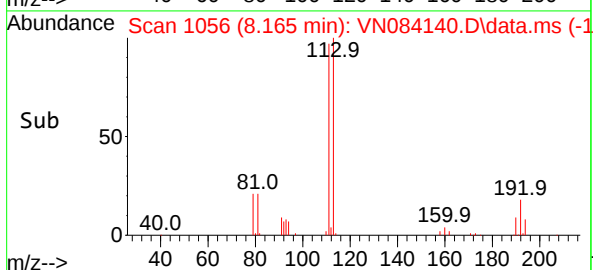
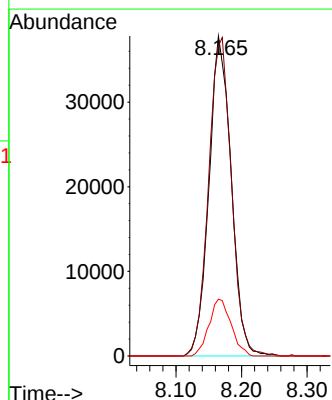
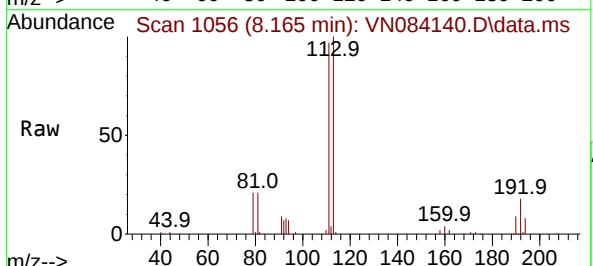
Tgt Ion:113 Resp: 89019

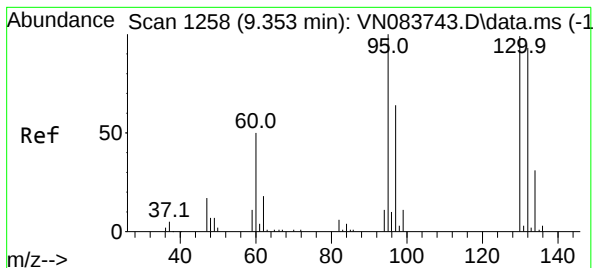
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 17.6 14.3 21.5





#44

Trichloroethene

Concen: 207.968 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084140.D

Acq: 24 Sep 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

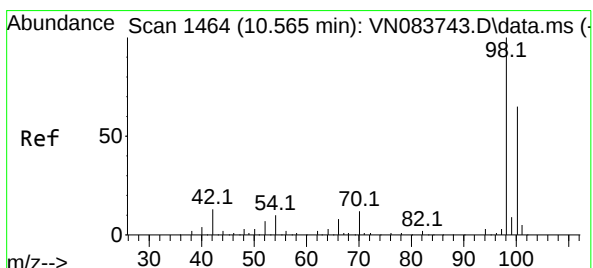
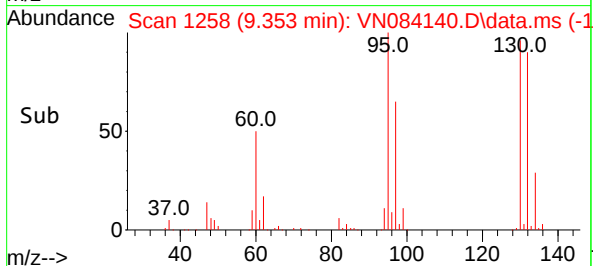
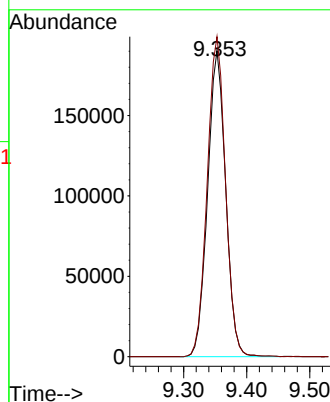
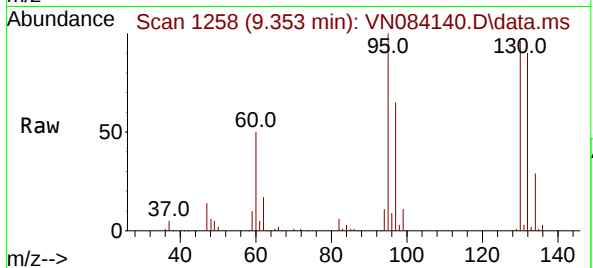
RE131D1-20240917

Tgt Ion:130 Resp: 378167

Ion Ratio Lower Upper

130 100

95 104.6 0.0 200.4



#50

Toluene-d8

Concen: 55.385 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084140.D

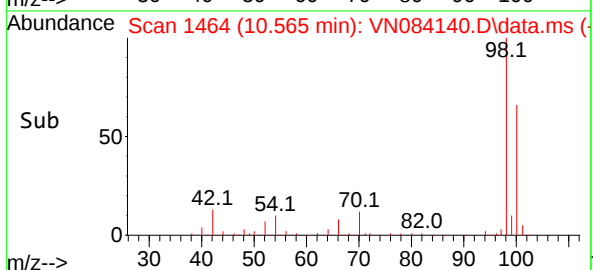
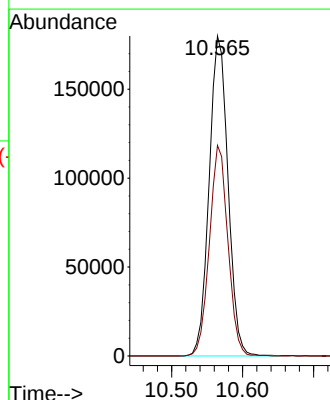
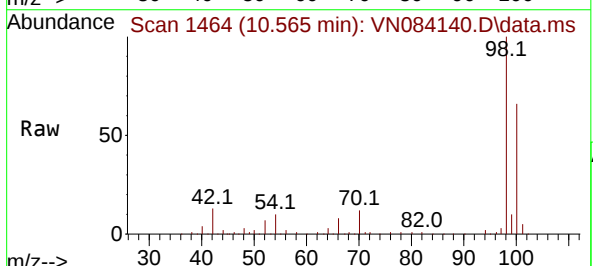
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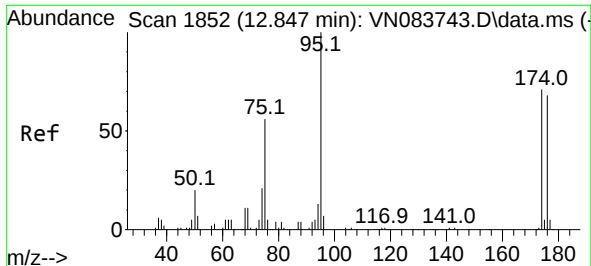
Tgt Ion: 98 Resp: 331871

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

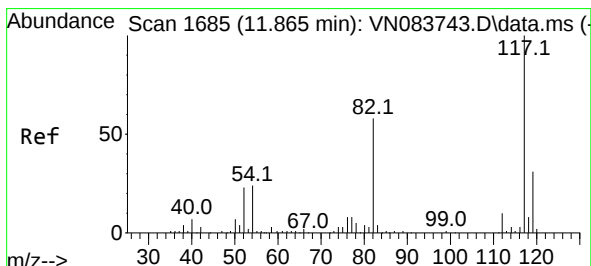
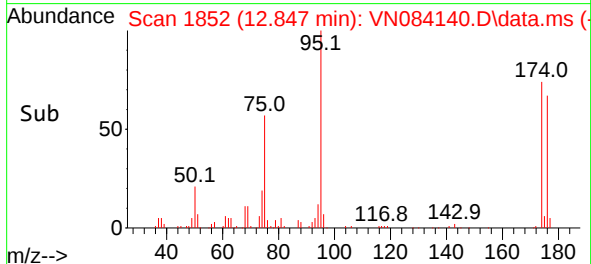
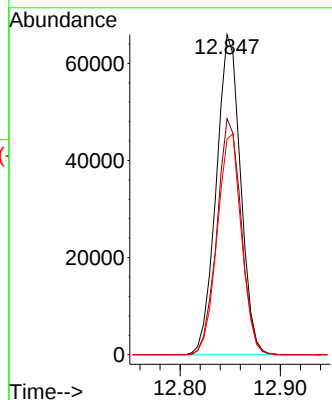
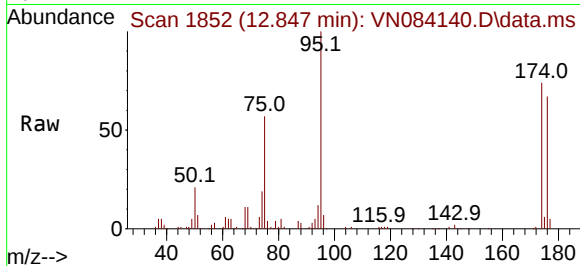




#62
4-Bromofluorobenzene
Concen: 44.714 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084140.D
Acq: 24 Sep 2024 17:31

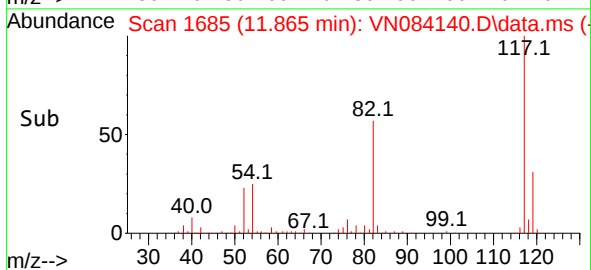
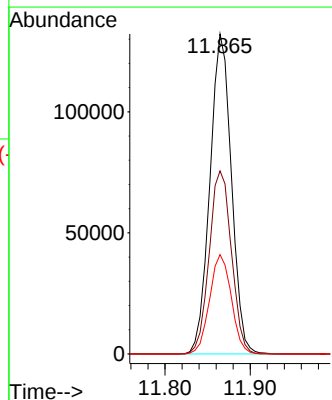
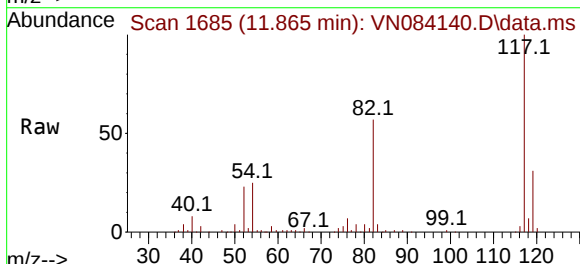
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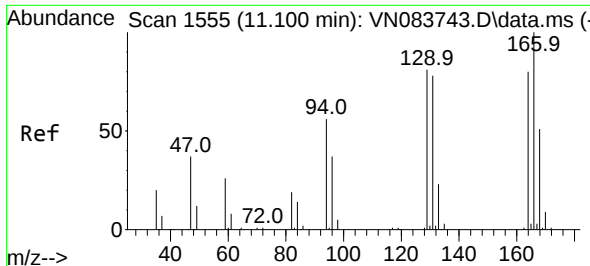
Tgt Ion: 95 Resp: 110542
Ion Ratio Lower Upper
95 100
174 73.9 0.0 139.8
176 69.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084140.D
Acq: 24 Sep 2024 17:31

Tgt Ion: 117 Resp: 231964
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.0
119 31.1 26.3 39.5

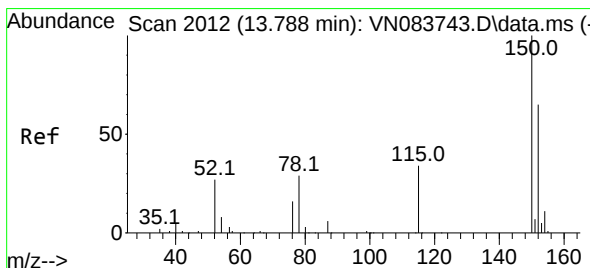
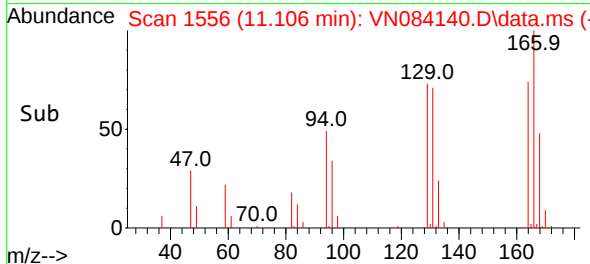
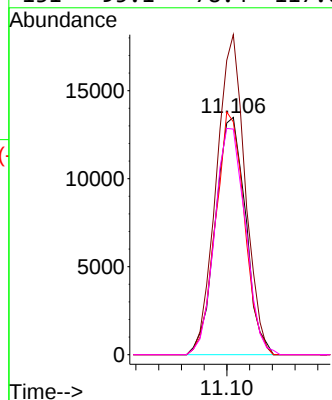
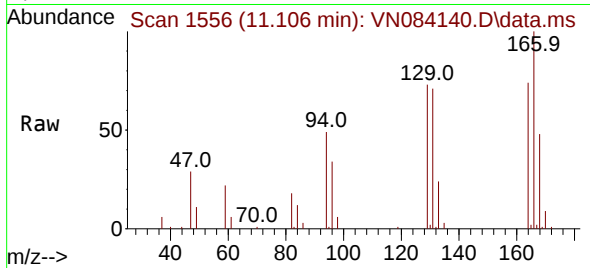




#64
Tetrachloroethene
Concen: 16.135 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084140.D
Acq: 24 Sep 2024 17:31

Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20240917

Tgt Ion:164 Resp: 24890
Ion Ratio Lower Upper
164 100
166 134.9 103.7 155.5
129 98.1 79.9 119.9
131 95.1 78.4 117.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084140.D
Acq: 24 Sep 2024 17:31

Tgt Ion:152 Resp: 91085
Ion Ratio Lower Upper
152 100
115 64.4 32.2 96.6
150 161.1 0.0 348.6

