

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083891.D
 Acq On : 14 Sep 2024 15:32
 Operator : JC\MD
 Sample : P3957-17RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20240911RE

Quant Time: Sep 16 01:36:27 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)

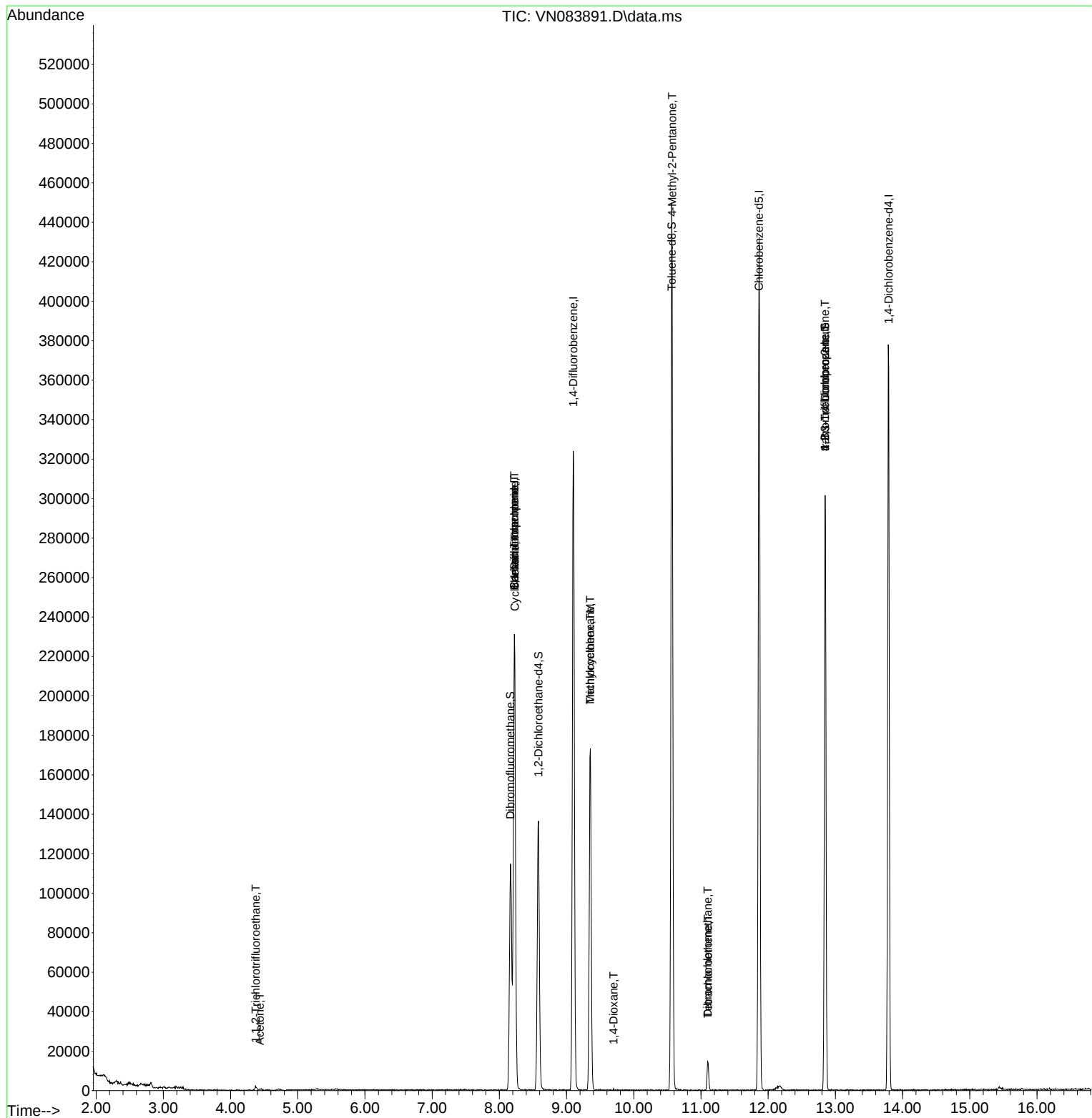
Internal Standards						
1) Pentafluorobenzene	8.224	168	153363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115773	50.064	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.120%	
35) Dibromofluoromethane	8.165	113	81608	47.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.440%	
50) Toluene-d8	10.565	98	297853	49.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.847	95	102665	41.648	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 83.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	838	Below Cal	#	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	1029	0.586	ug/l #	72
16) Acetone	4.436	43	296	0.319	ug/l #	45
18) Methyl Acetate	4.742	43	56	Below Cal	#	52
31) Cyclohexane	8.229	56	4506	1.348	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	14613	5.617	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18191	6.164	ug/l #	19
39) Methylcyclohexane	9.353	83	790	0.267	ug/l #	1
44) Trichloroethene	9.353	130	59006	32.543	ug/l	95
49) 1,4-Dioxane	9.700	88	77	2.306	ug/l #	84
51) 4-Methyl-2-Pentanone	10.571	43	1595	0.685	ug/l #	1
60) Dibromochloromethane	11.100	129	3299	1.649	ug/l #	10
64) Tetrachloroethene	11.106	164	3080	2.011	ug/l #	80
76) 1,2,3-Trichloropropane	12.847	75	59158	31.094	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59158	81.436	ug/l #	9

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

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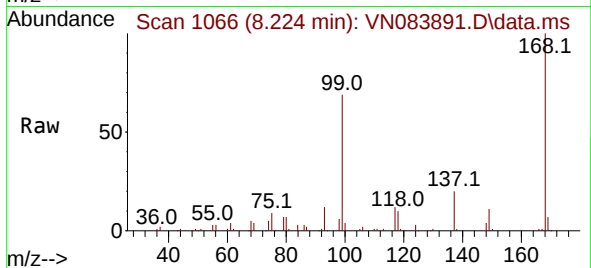
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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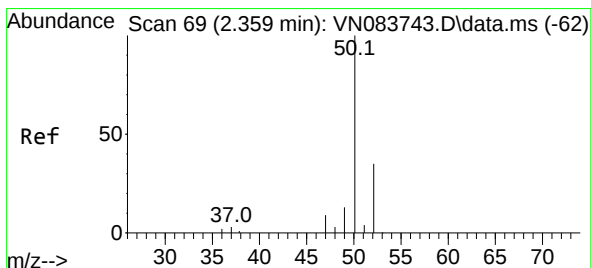
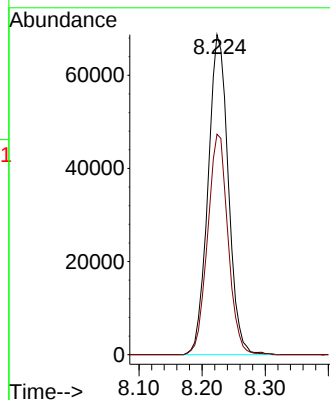
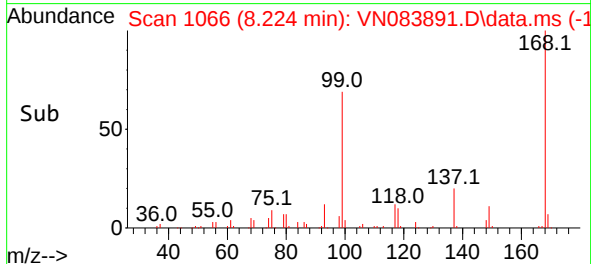


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE

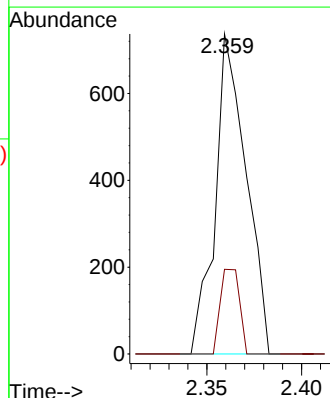
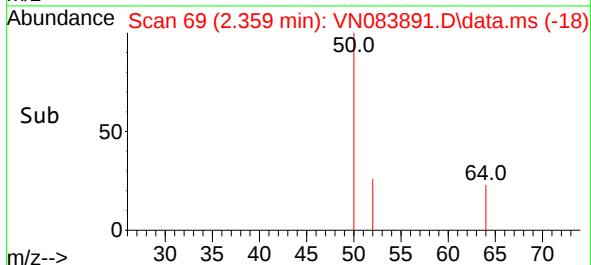
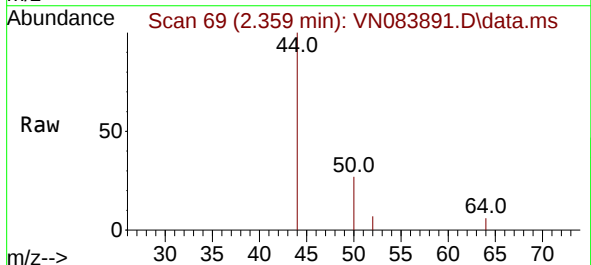


Tgt Ion:168 Resp: 153363
Ion Ratio Lower Upper
168 100
99 68.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 50 Resp: 838
Ion Ratio Lower Upper
50 100
52 26.5 27.2 40.8#

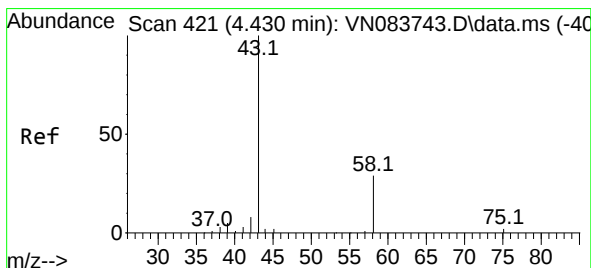
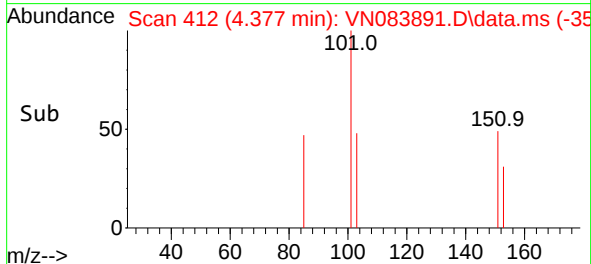
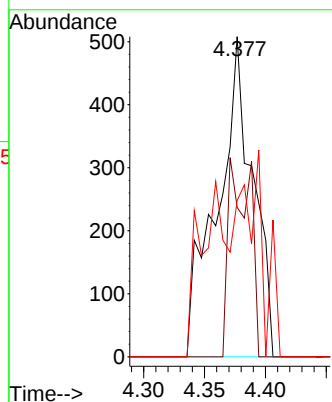
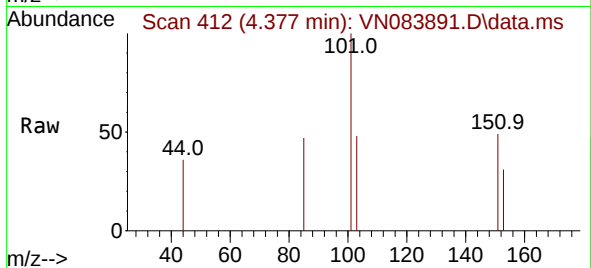




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.586 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.023 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

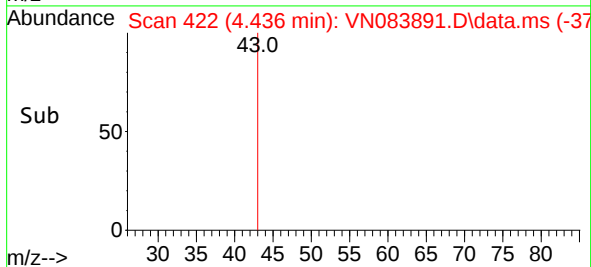
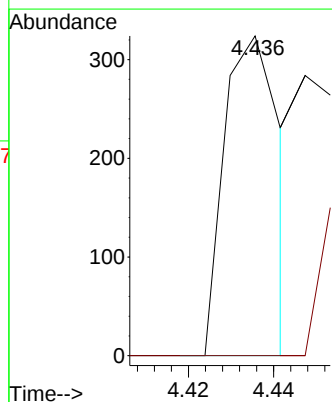
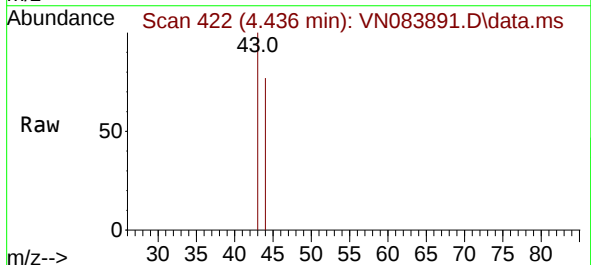
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE

Tgt Ion:101 Resp: 1029
Ion Ratio Lower Upper
101 100
85 37.1 36.2 54.4
151 41.0 57.7 86.5#



#16
Acetone
Concen: 0.319 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

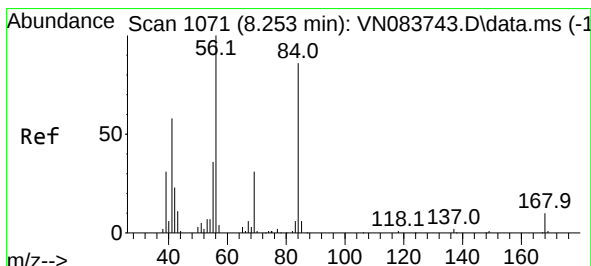
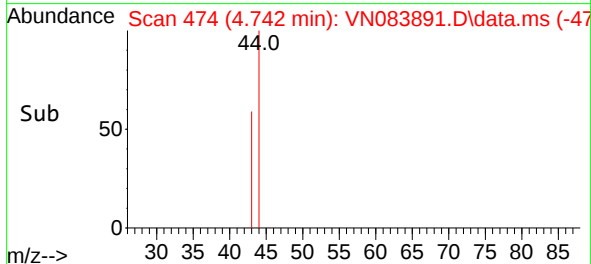
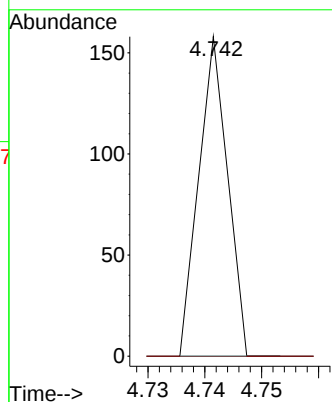
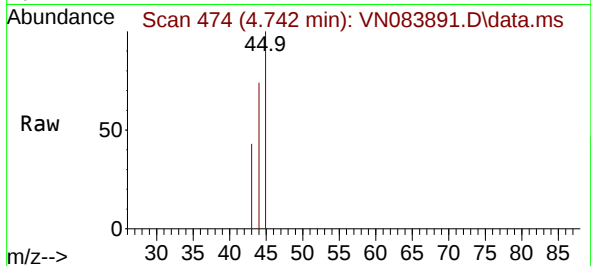




#18
Methyl Acetate
Concen: Below Cal
RT: 4.742 min Scan# 41
Delta R.T. -0.282 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

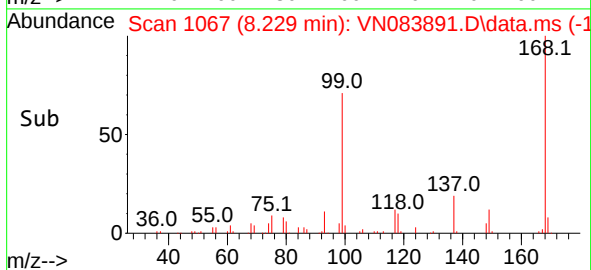
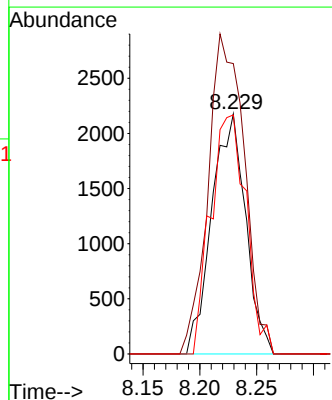
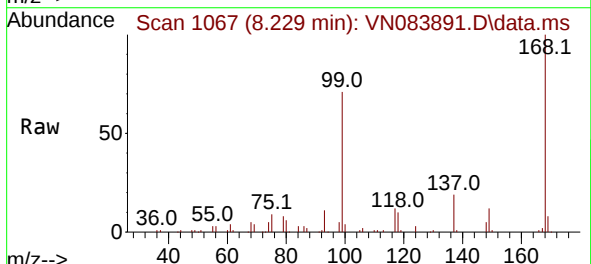
Instrument :
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ClientSampleId :
RE104D1-20240911RE

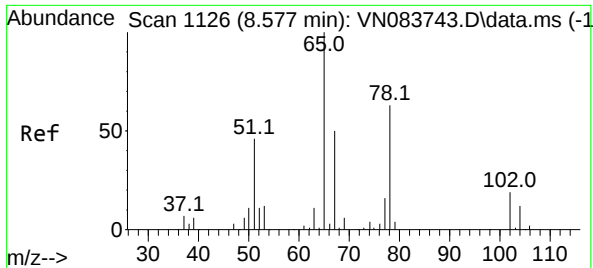
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.348 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 56 Resp: 4506
Ion Ratio Lower Upper
56 100
69 121.0 26.9 40.3#
84 99.6 69.2 103.8

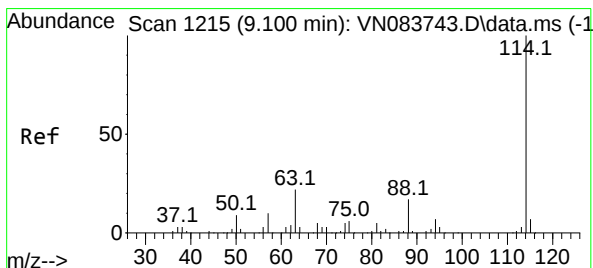
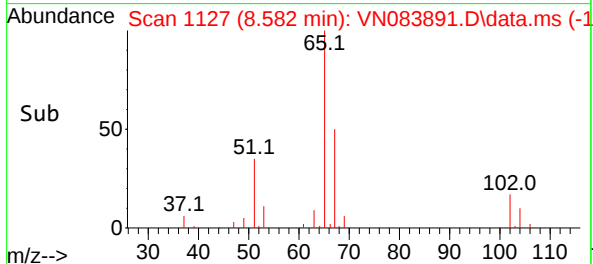
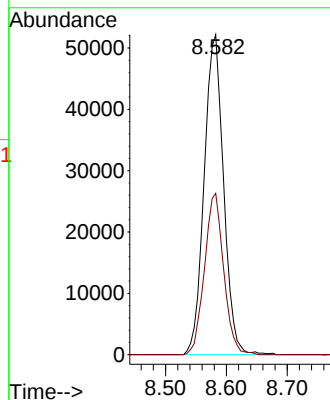
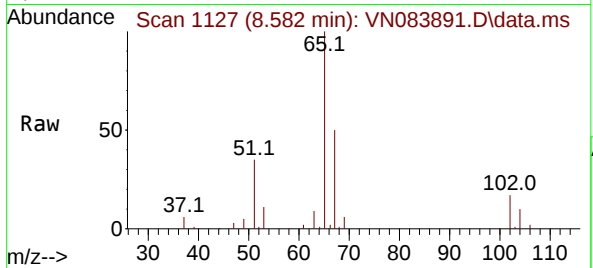




#33
 1,2-Dichloroethane-d4
 Concen: 50.064 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN083891.D
 Acq: 14 Sep 2024 15:32

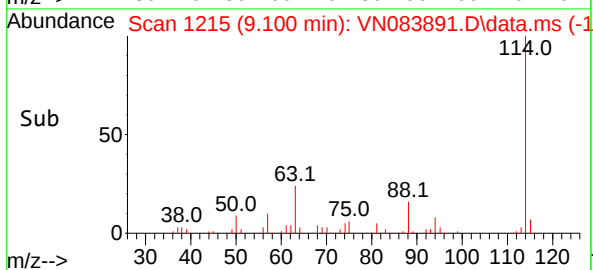
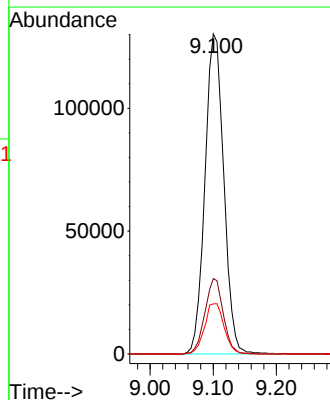
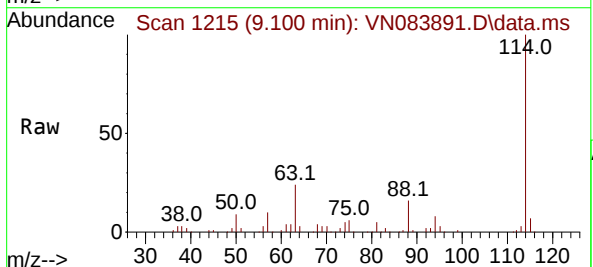
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20240911RE

Tgt Ion: 65 Resp: 115773
 Ion Ratio Lower Upper
 65 100
 67 49.8 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: VN083891.D
 Acq: 14 Sep 2024 15:32

Tgt Ion: 114 Resp: 269970
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 43.4
 88 15.7 0.0 32.6

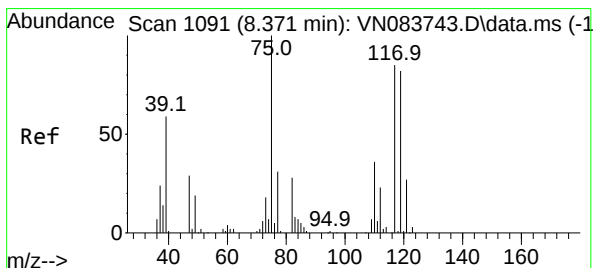
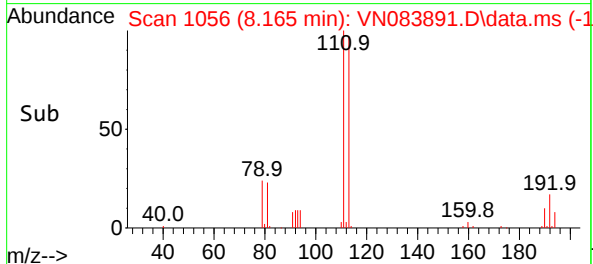
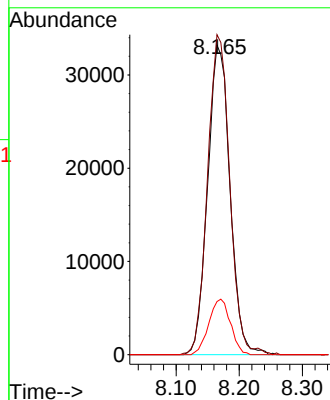
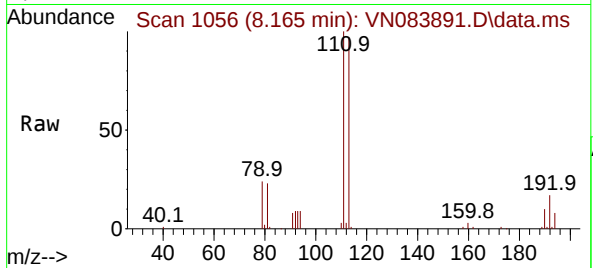




#35
Dibromofluoromethane
Concen: 47.218 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

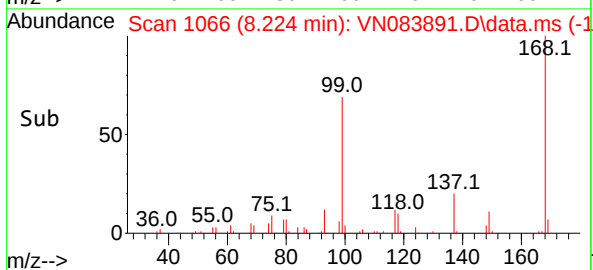
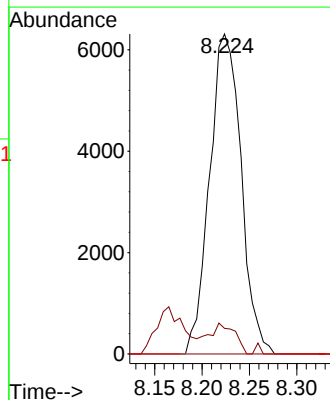
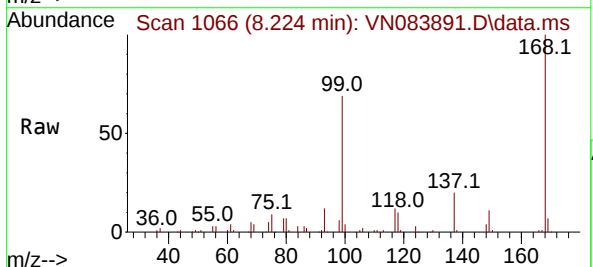
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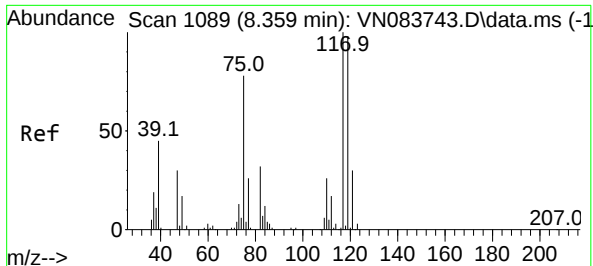
Tgt Ion:113 Resp: 81608
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 17.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.617 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 75 Resp: 14613
Ion Ratio Lower Upper
75 100
110 7.3 16.7 50.1#
77 0.0 25.2 37.8#

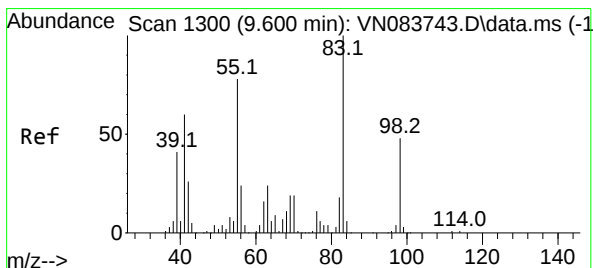
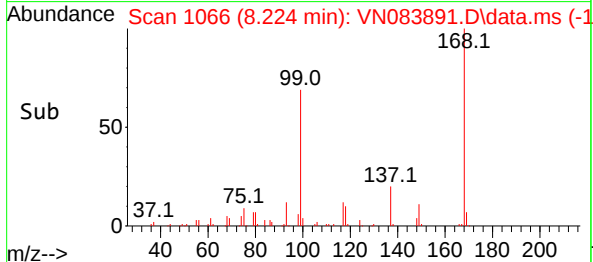
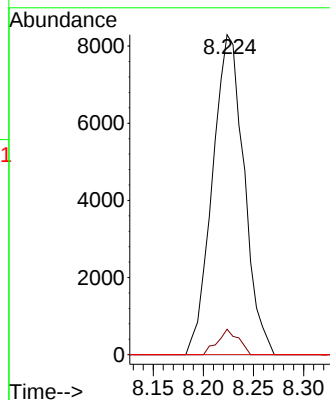
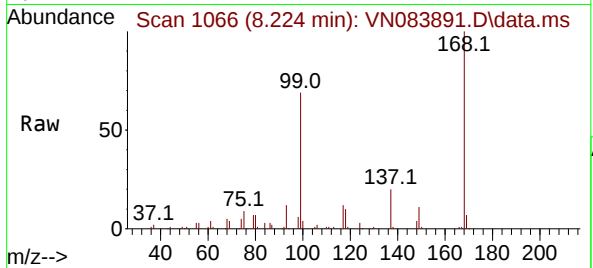




#38
Carbon Tetrachloride
Concen: 6.164 ug/l
RT: 8.224 min Scan# 117
Delta R.T. -0.135 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

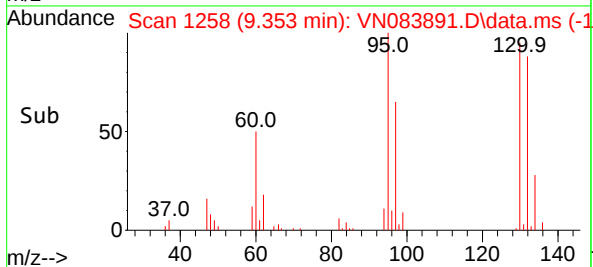
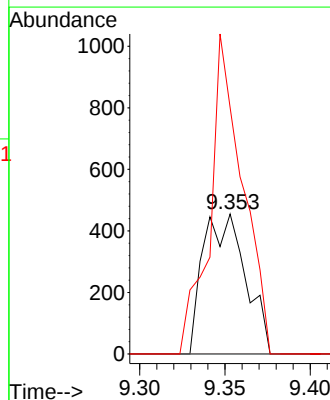
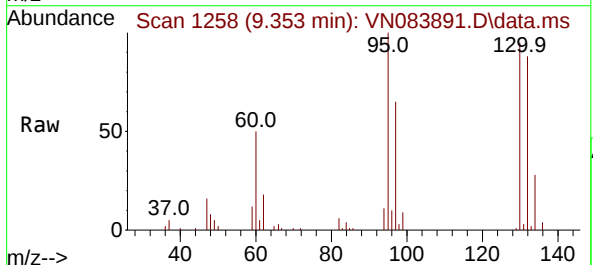
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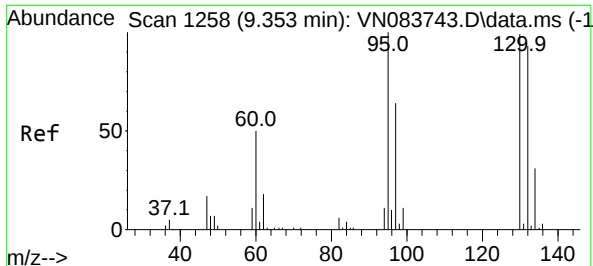
Tgt Ion:117 Resp: 18191
Ion Ratio Lower Upper
117 100
119 8.0 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.267 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.247 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 83 Resp: 790
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 176.0 37.6 56.4#

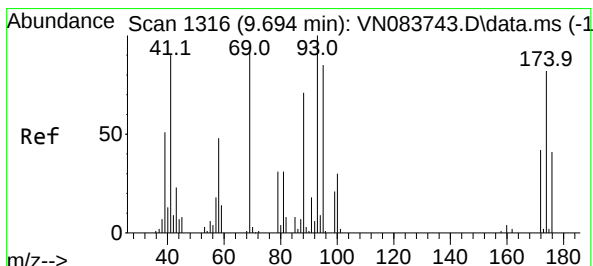
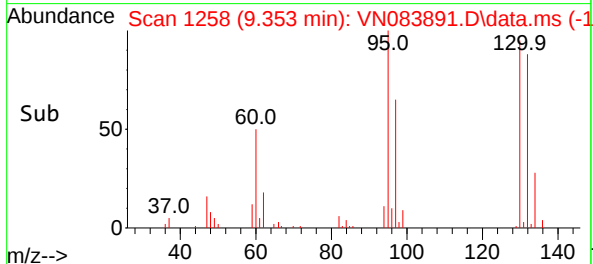
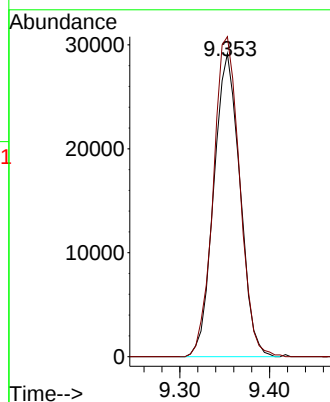
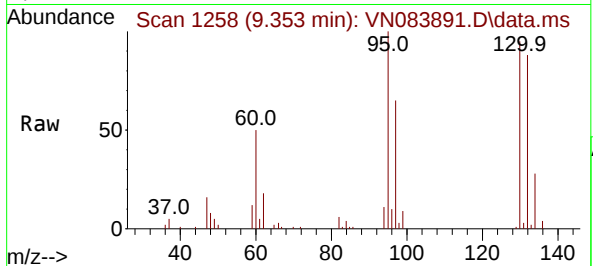




#44
Trichloroethene
Concen: 32.543 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

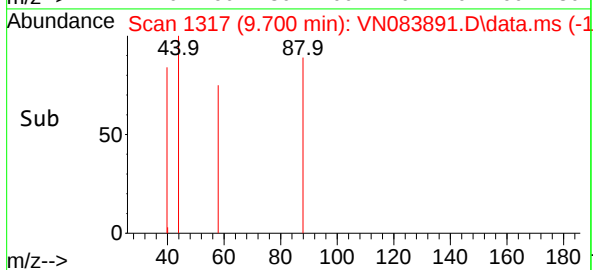
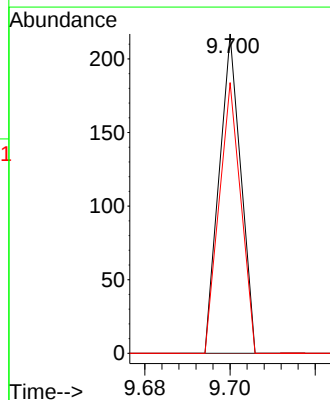
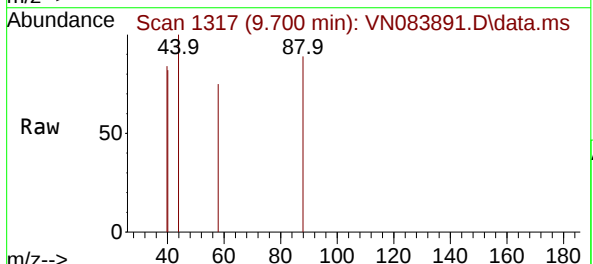
Instrument :
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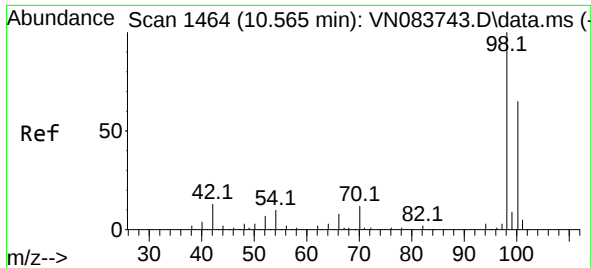
Tgt Ion:130 Resp: 59006
Ion Ratio Lower Upper
130 100
95 105.6 0.0 200.4



#49
1,4-Dioxane
Concen: 2.306 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
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43 0.0 0.0 0.0
58 84.4 57.1 85.7

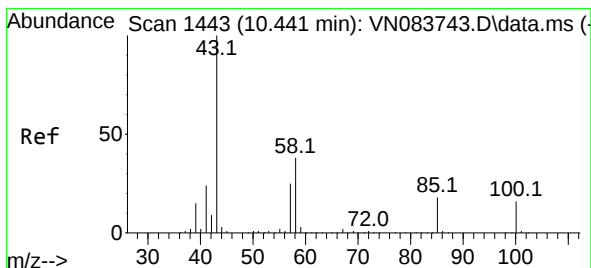
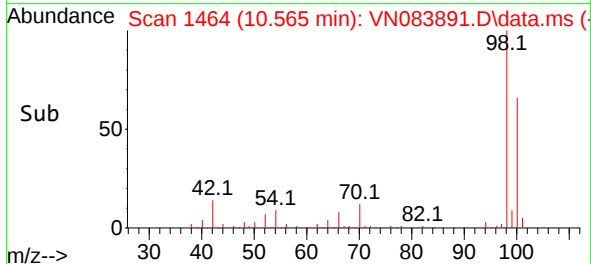
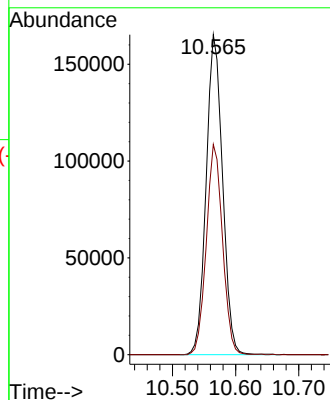
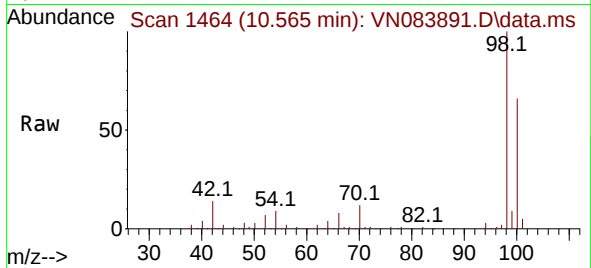




#50
Toluene-d8
Concen: 49.851 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

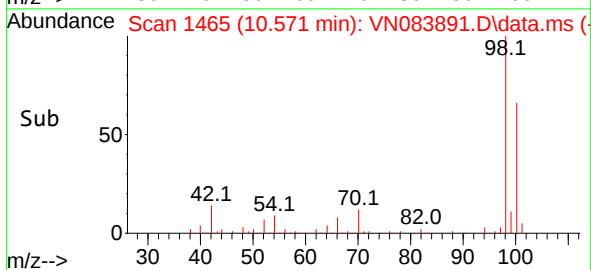
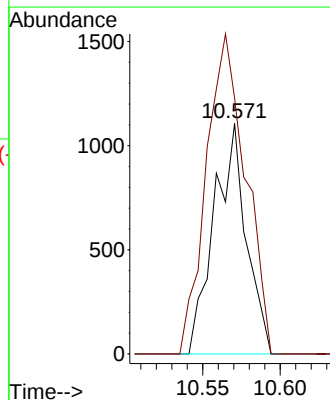
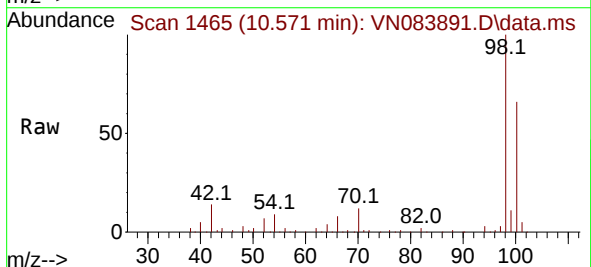
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE

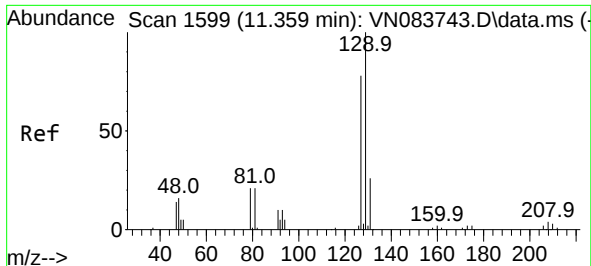
Tgt Ion: 98 Resp: 297853
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.685 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 43 Resp: 1595
Ion Ratio Lower Upper
43 100
58 169.8 31.6 47.4#

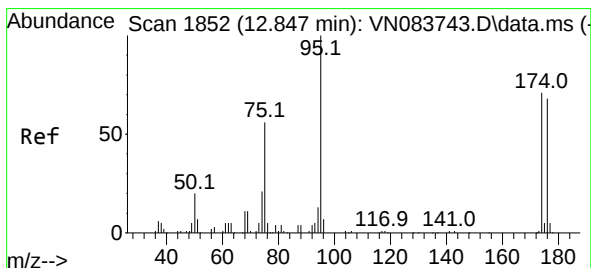
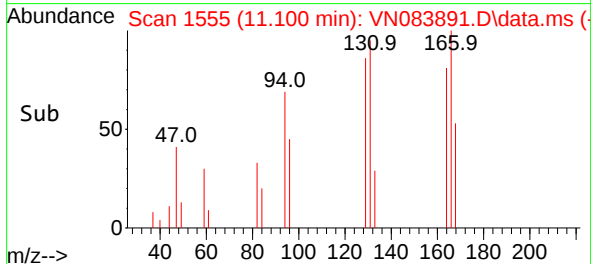
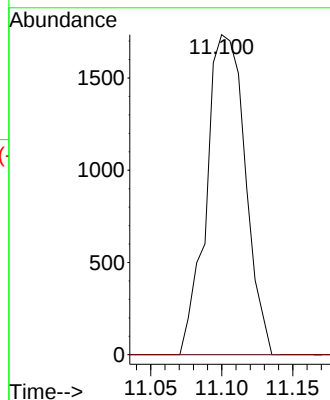
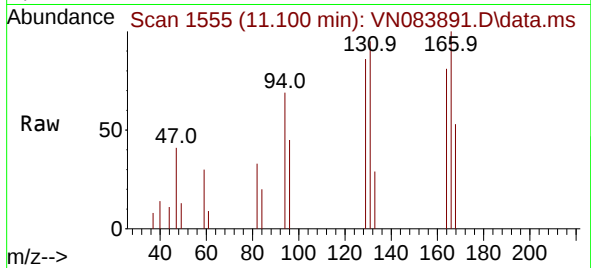




#60
Dibromochloromethane
Concen: 1.649 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

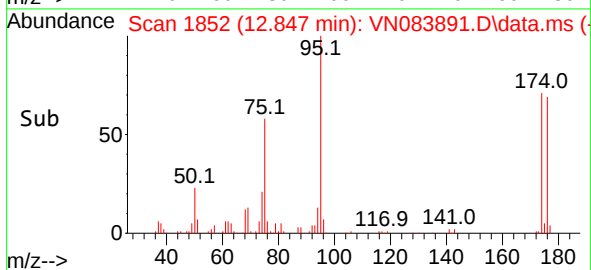
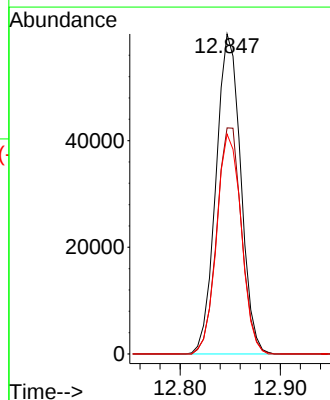
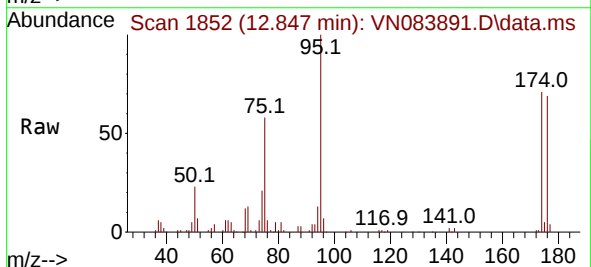
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE

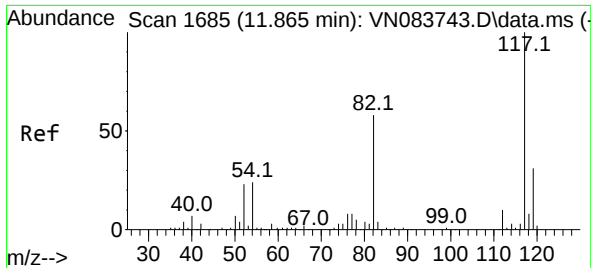
Tgt Ion:129 Resp: 3299
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 41.648 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion: 95 Resp: 102665
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 68.4 0.0 131.4

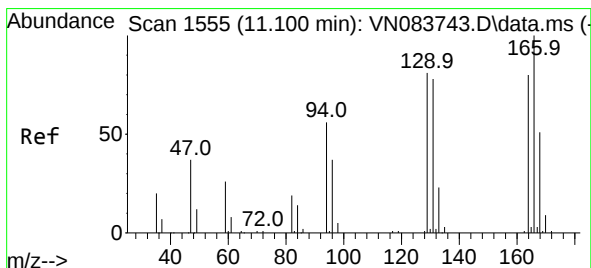
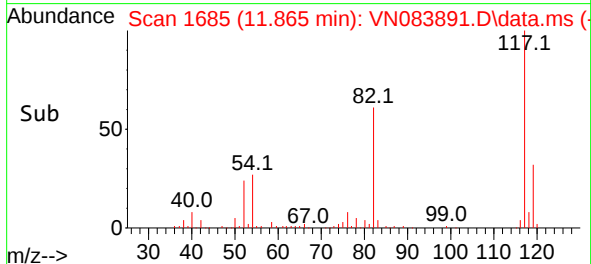
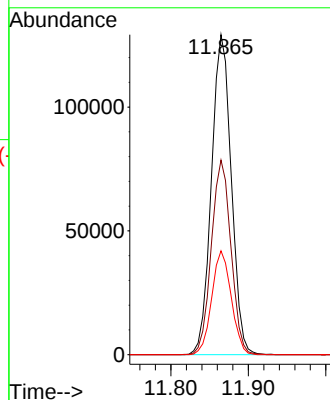
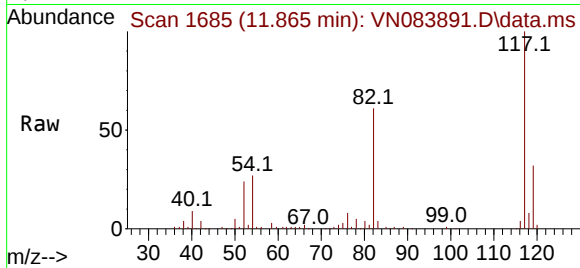




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

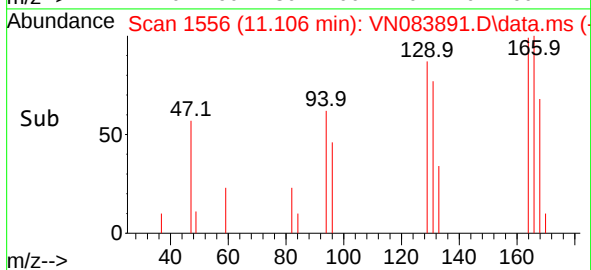
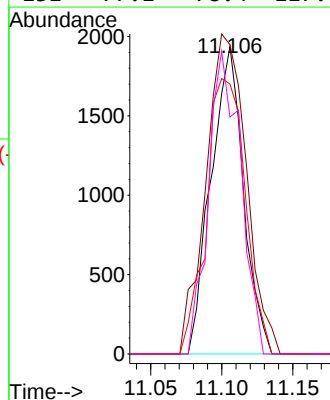
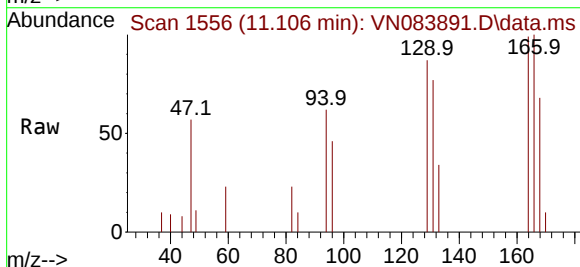
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20240911RE

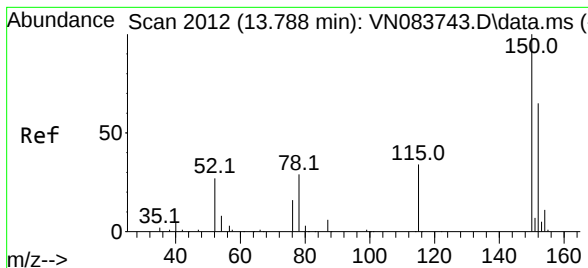
Tgt Ion:117 Resp: 230289
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.0
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 2.011 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083891.D
Acq: 14 Sep 2024 15:32

Tgt Ion:164 Resp: 3080
Ion Ratio Lower Upper
164 100
166 100.7 103.7 155.5#
129 87.9 79.9 119.9
131 77.1 78.4 117.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN083891.D

Acq: 14 Sep 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

RE104D1-20240911RE

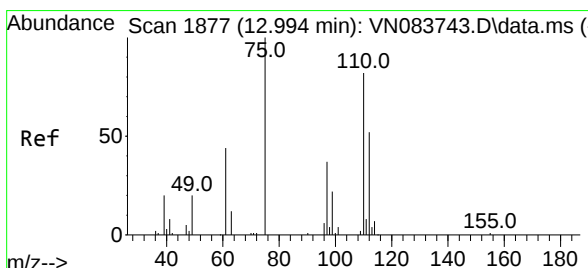
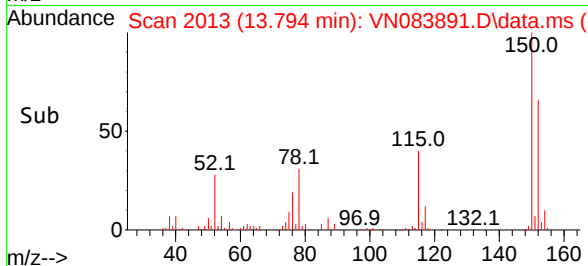
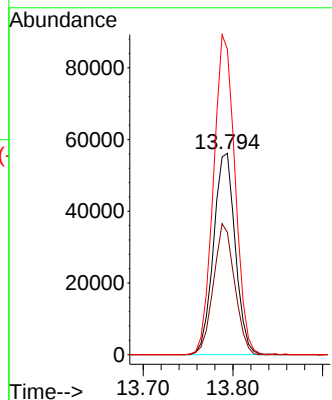
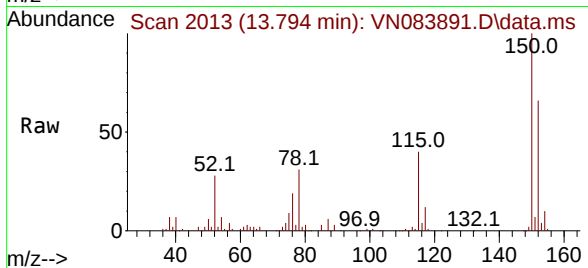
Tgt Ion:152 Resp: 94290

Ion Ratio Lower Upper

152 100

115 63.4 32.2 96.6

150 157.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 31.094 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083891.D

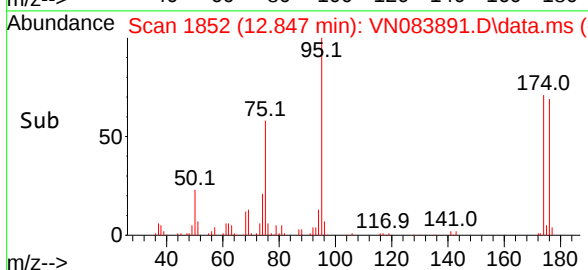
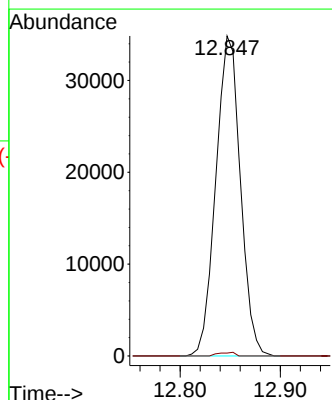
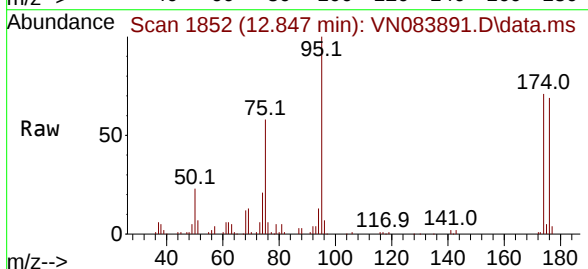
Acq: 14 Sep 2024 15:32

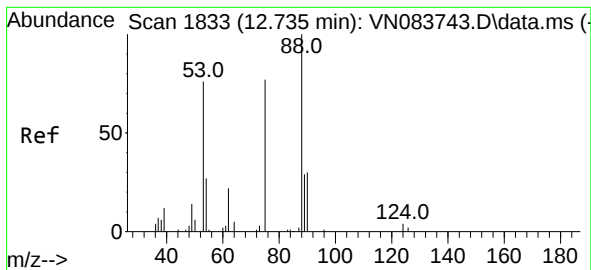
Tgt Ion: 75 Resp: 59158

Ion Ratio Lower Upper

75 100

77 0.7 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.436 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083891.D
 Acq: 14 Sep 2024 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20240911RE

Tgt Ion: 75 Resp: 59158
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

