

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084104.D
 Acq On : 23 Sep 2024 12:41
 Operator : JC\MD
 Sample : P4003-15RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D1-20240913

Quant Time: Sep 24 01:31:06 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)

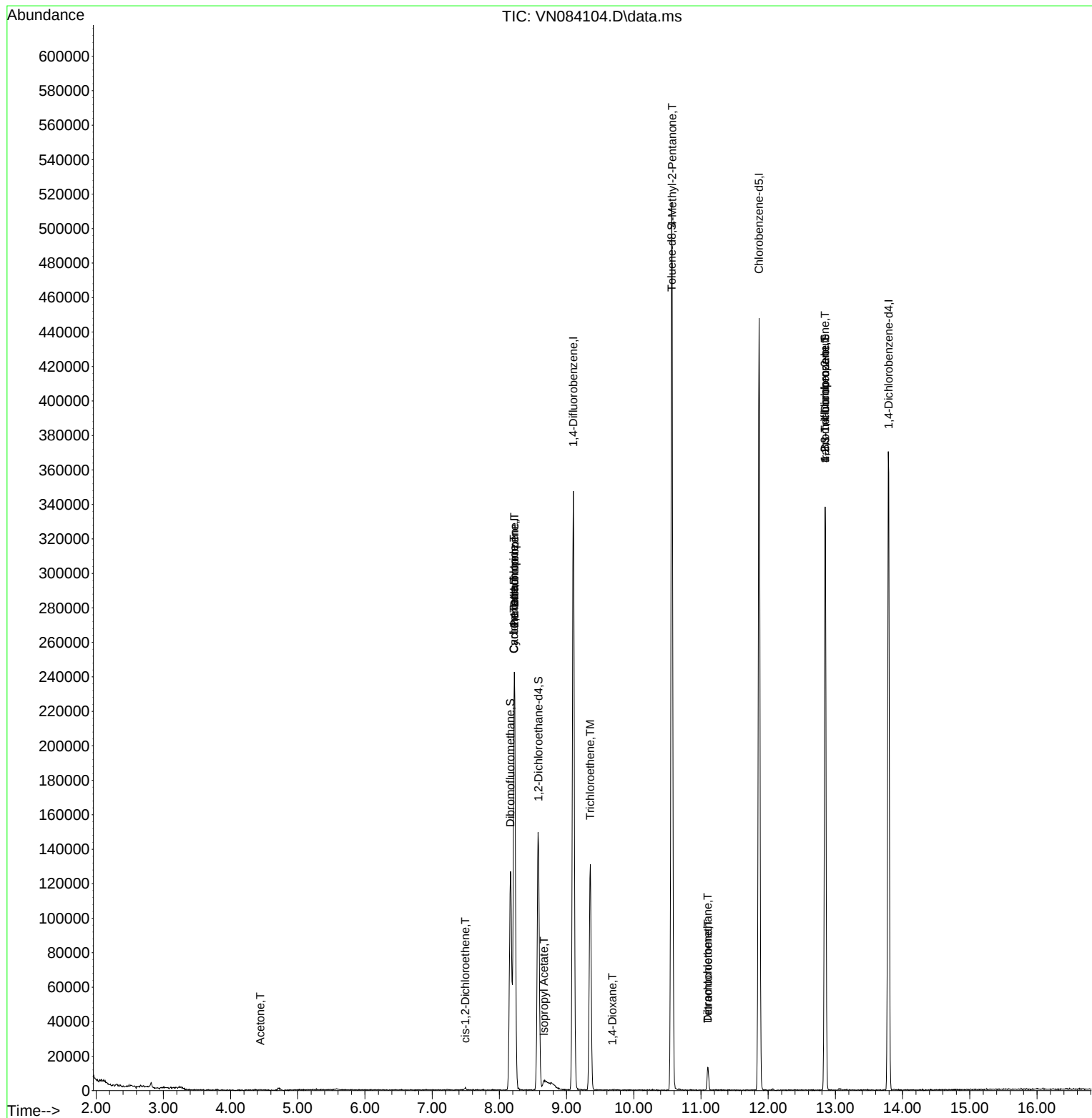
Internal Standards						
1) Pentafluorobenzene	8.224	168	163798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	124237	50.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.600%	
35) Dibromofluoromethane	8.165	113	92456	50.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	10.565	98	339211	53.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.847	95	116018	44.457	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	646	Below Cal		89
16) Acetone	4.441	43	575	0.581 ug/l #		45
18) Methyl Acetate	5.030	43	136	Below Cal #		52
27) cis-1,2-Dichloroethene	7.494	96	636	0.282 ug/l		82
31) Cyclohexane	8.218	56	4178	1.170 ug/l #		32
36) 1,1-Dichloropropene	8.224	75	14904	5.412 ug/l #		51
38) Carbon Tetrachloride	8.218	117	18373	5.881 ug/l #		16
43) Isopropyl Acetate	8.665	43	6044	1.334 ug/l #		57
44) Trichloroethene	9.353	130	43965	22.904 ug/l		97
49) 1,4-Dioxane	9.682	88	139	3.932 ug/l #		77
51) 4-Methyl-2-Pentanone	10.570	43	1513	0.614 ug/l #		1
60) Dibromochloromethane	11.100	129	2785	1.315 ug/l #		10
64) Tetrachloroethene	11.106	164	3077	1.934 ug/l #		89
76) 1,2,3-Trichloropropane	12.847	75	64905	34.228 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	64905	89.647 ug/l #		9

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

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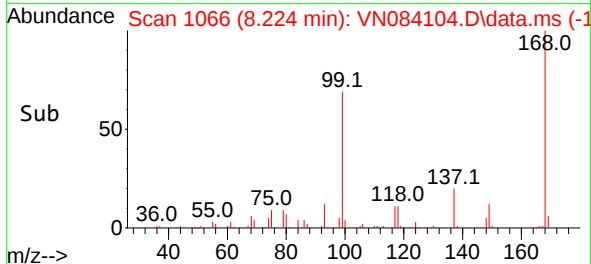
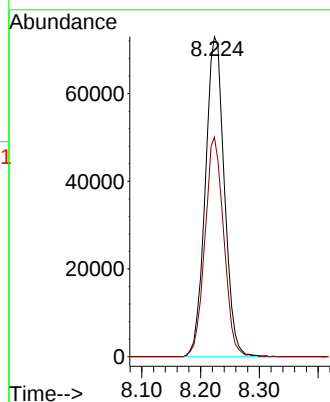
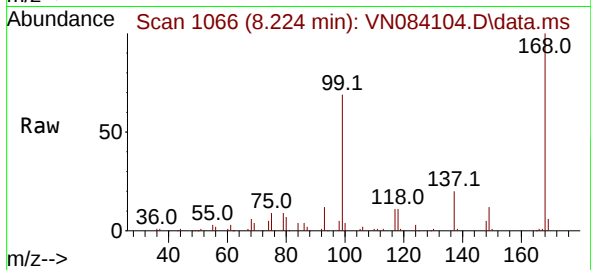




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

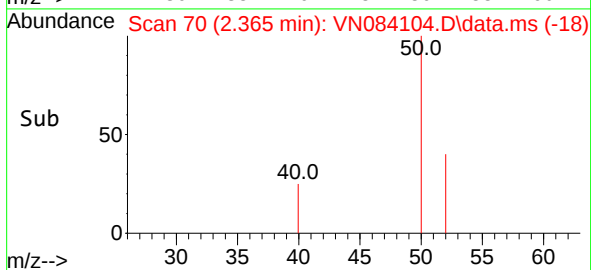
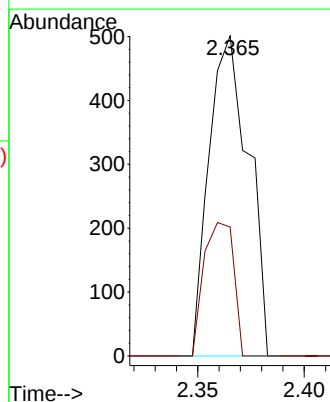
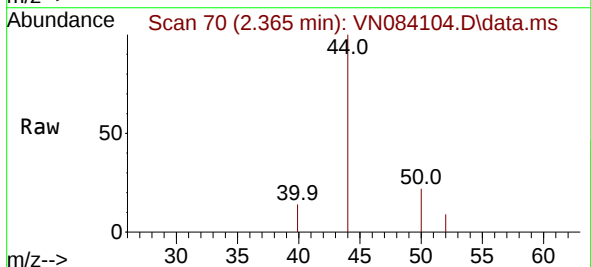
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

Tgt Ion:168 Resp: 163798
Ion Ratio Lower Upper
168 100
99 68.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 40.3 27.2 40.8

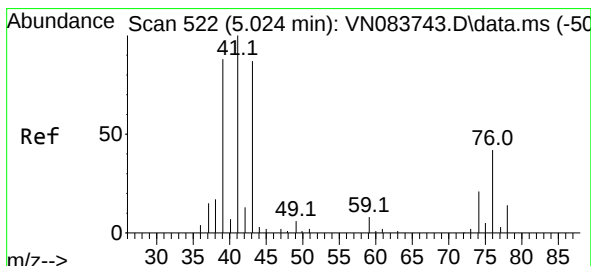
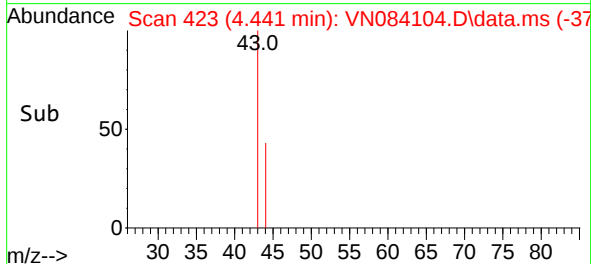
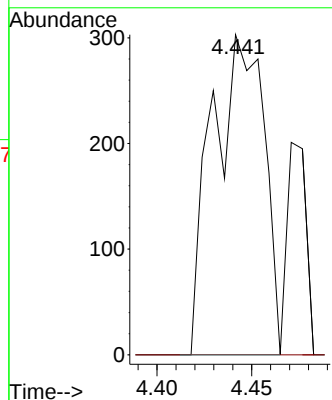
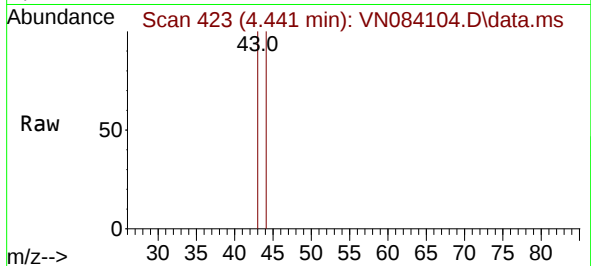




#16
Acetone
Concen: 0.581 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

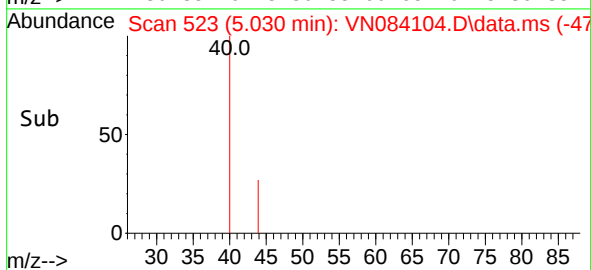
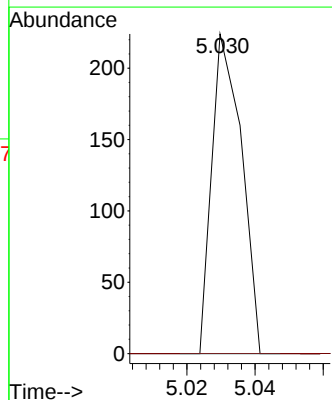
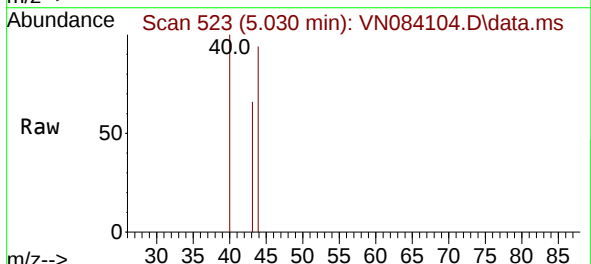
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

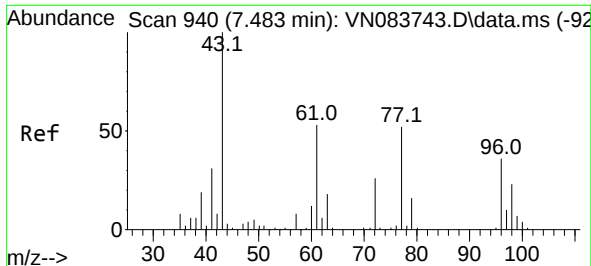
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

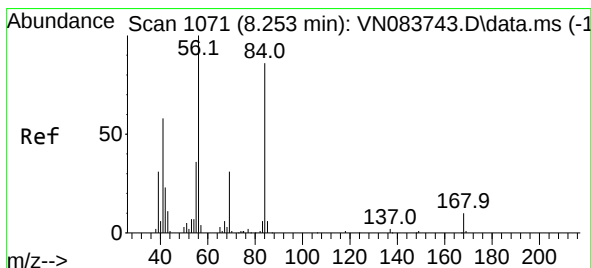
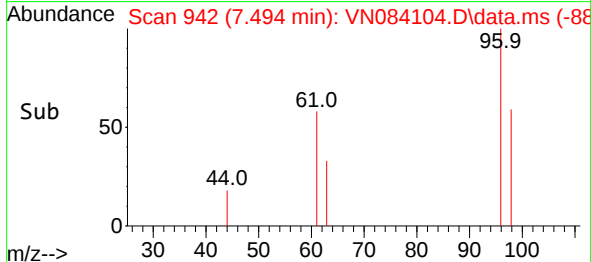
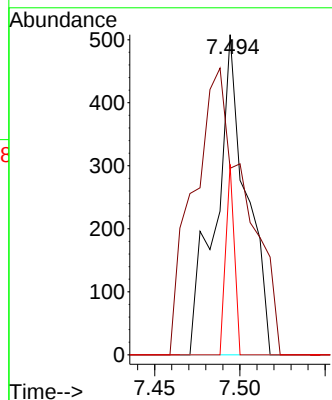
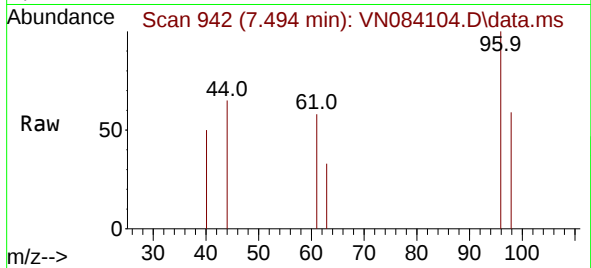




#27
 cis-1,2-Dichloroethene
 Concen: 0.282 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: VN084104.D
 Acq: 23 Sep 2024 12:41

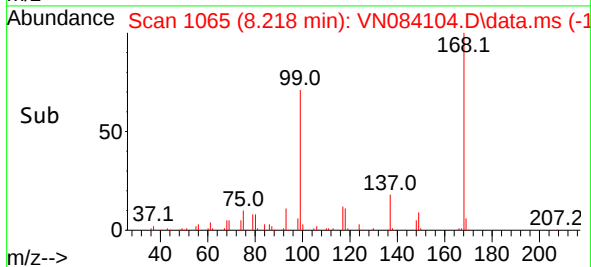
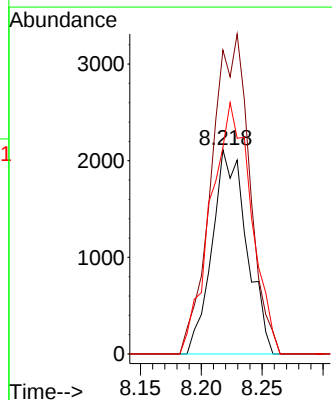
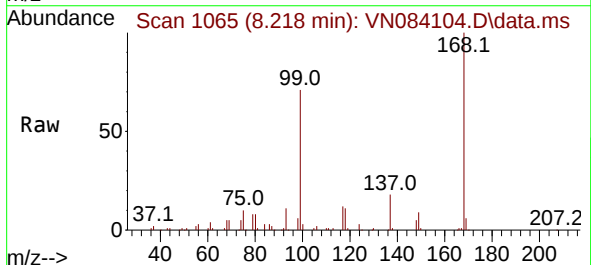
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D1-20240913

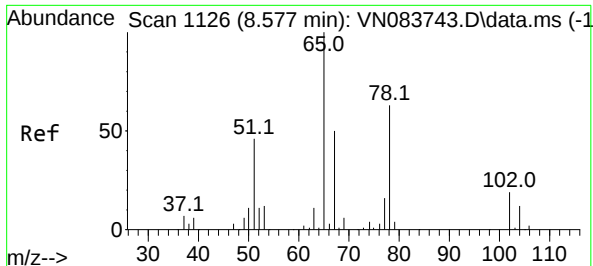
Tgt Ion: 96	Resp: 636
Ion Ratio	Lower Upper
96 100	
61 152.5	0.0 306.2
98 16.8	0.0 128.6



#31
 Cyclohexane
 Concen: 1.170 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.035 min
 Lab File: VN084104.D
 Acq: 23 Sep 2024 12:41

Tgt Ion: 56	Resp: 4178		
Ion Ratio	Lower	Upper	
56	100		
69	148.7	26.9	40.3#
84	101.0	69.2	103.8





#33

1,2-Dichloroethane-d4

Concen: 50.302 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084104.D

Acq: 23 Sep 2024 12:41

Instrument :

MSVOA_N

ClientSampleId :

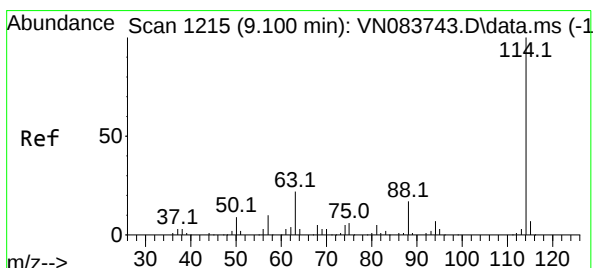
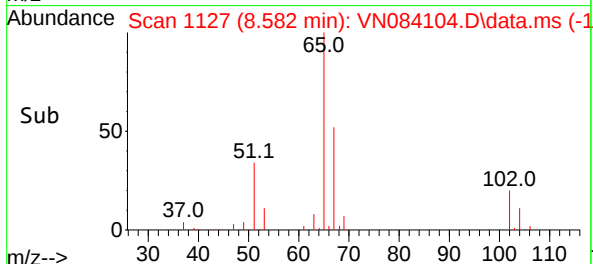
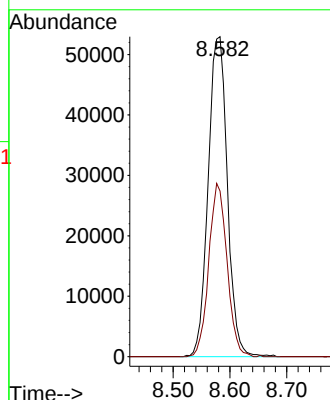
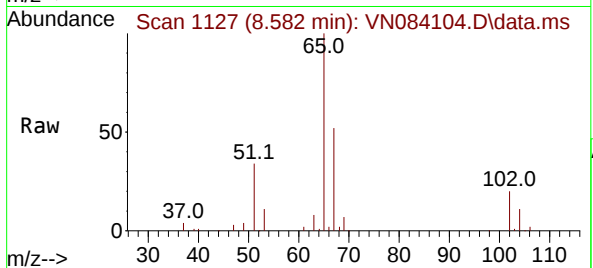
RE108D1-20240913

Tgt Ion: 65 Resp: 124237

Ion Ratio Lower Upper

65 100

67 51.4 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: VN084104.D

Acq: 23 Sep 2024 12:41

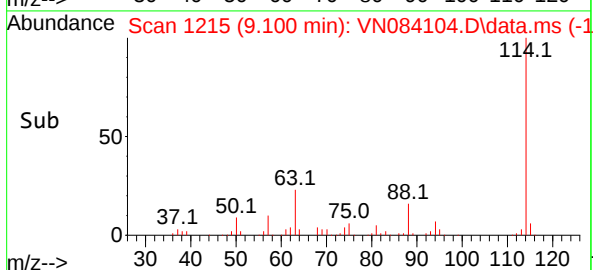
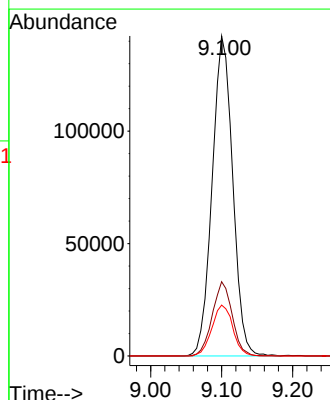
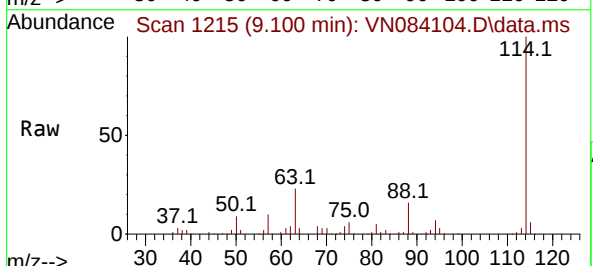
Tgt Ion: 114 Resp: 285807

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.4

88 15.9 0.0 32.6

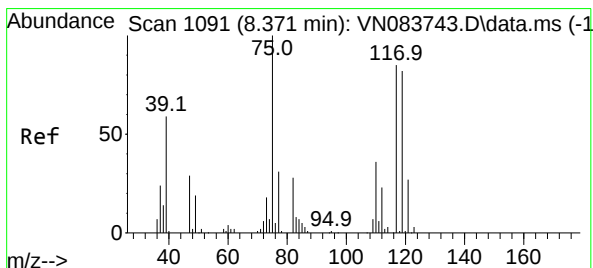
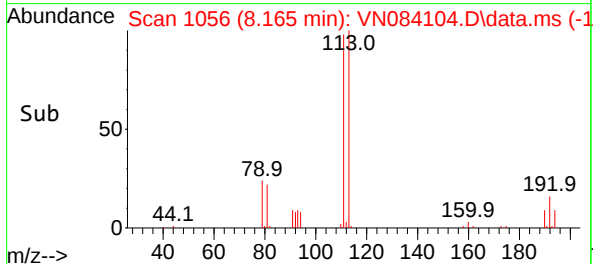
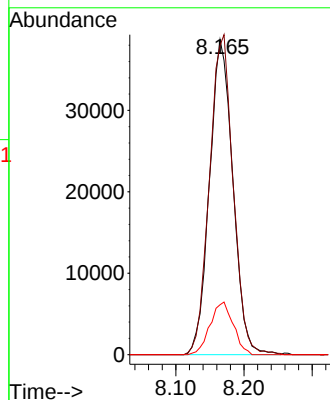
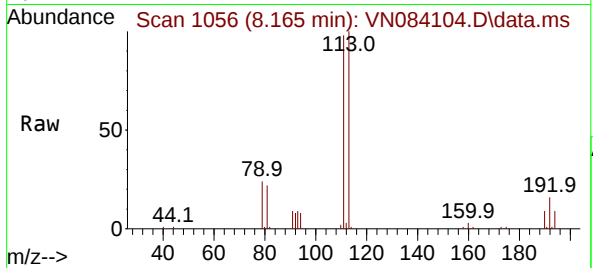




#35
Dibromofluoromethane
Concen: 50.531 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

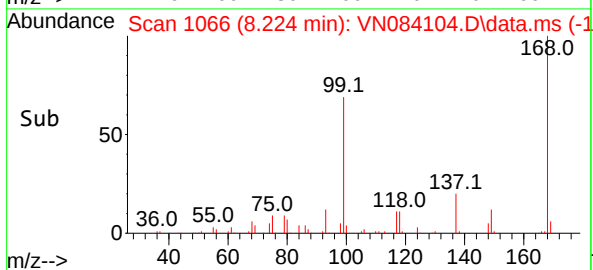
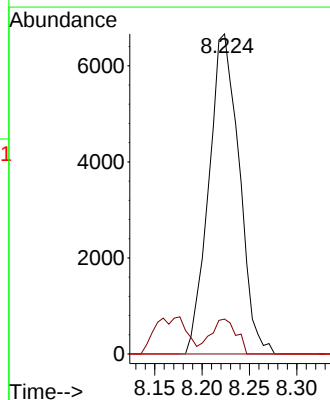
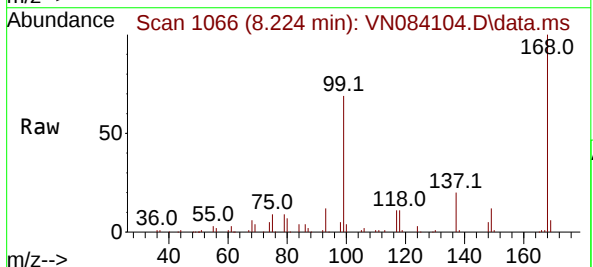
Instrument :
MSVOA_N
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RE108D1-20240913

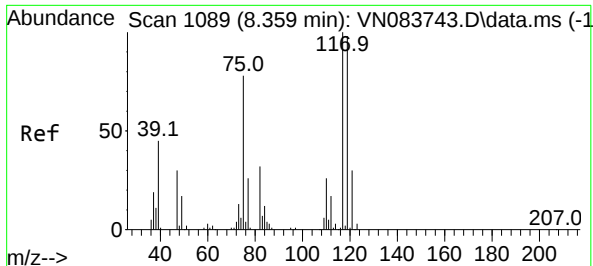
Tgt Ion:113 Resp: 92456
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 16.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.412 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

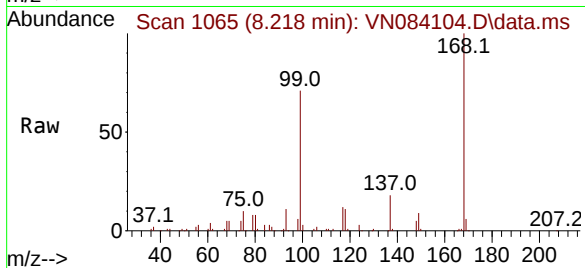
Tgt Ion: 75 Resp: 14904
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.1#
77 0.0 25.2 37.8#



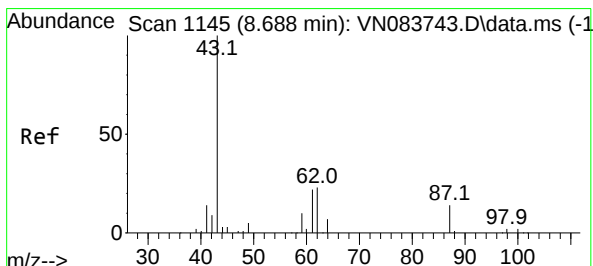
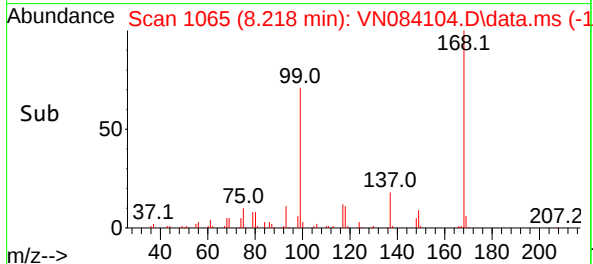
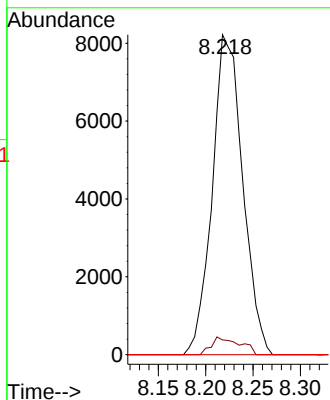


#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

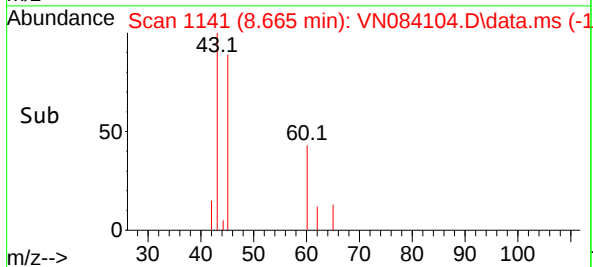
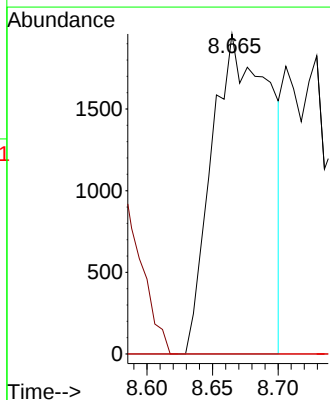
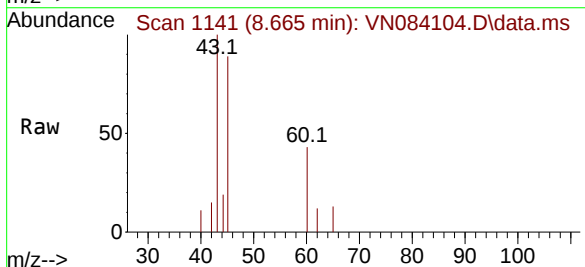


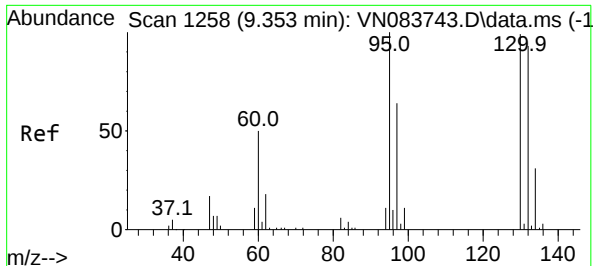
Tgt Ion:117 Resp: 18373
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 1.334 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

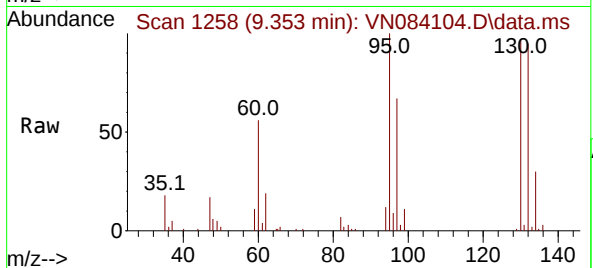
Tgt Ion: 43 Resp: 6044
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



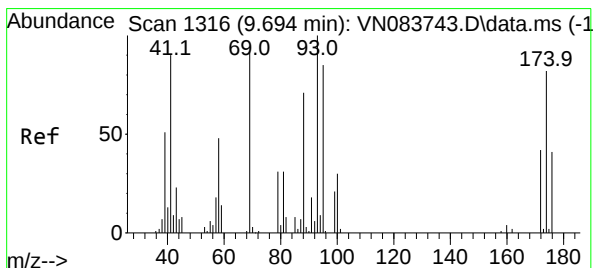
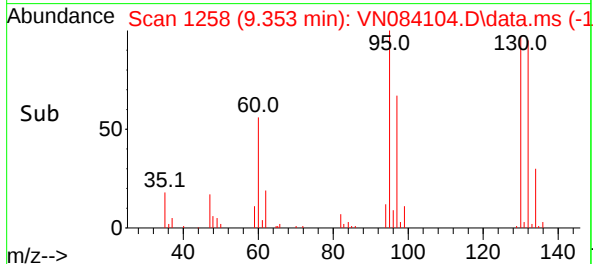
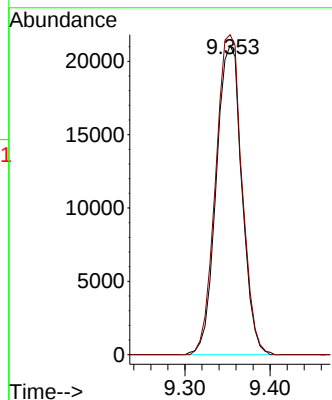


#44
Trichloroethene
Concen: 22.904 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

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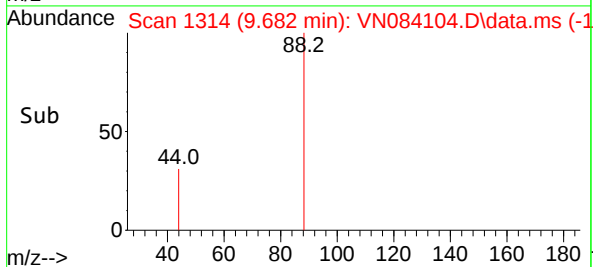
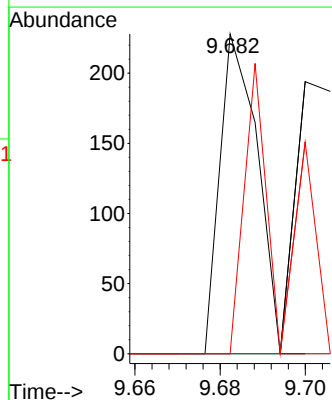
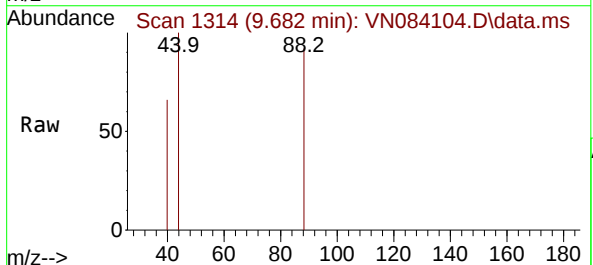


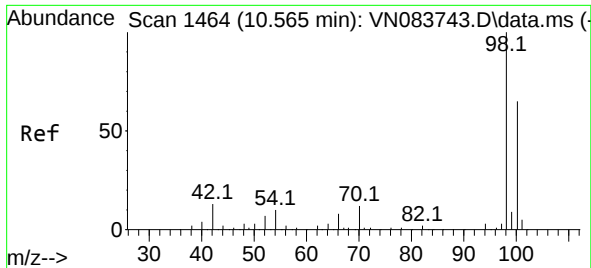
Tgt Ion:130 Resp: 43965
Ion Ratio Lower Upper
130 100
95 103.5 0.0 200.4



#49
1,4-Dioxane
Concen: 3.932 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.012 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

Tgt Ion: 88 Resp: 139
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 52.5 57.1 85.7#

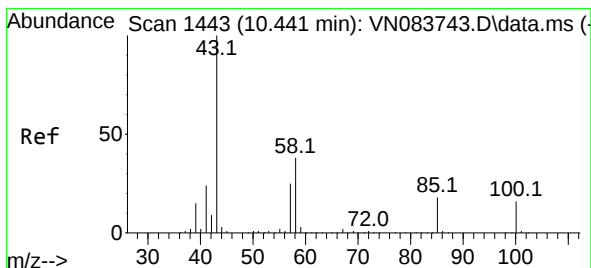
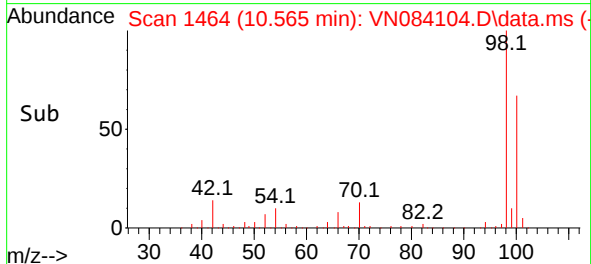
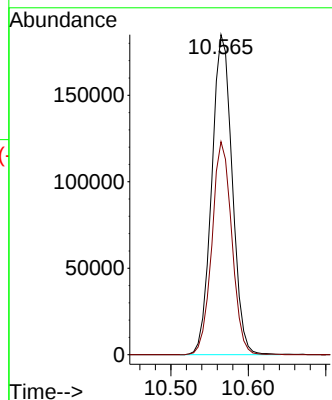
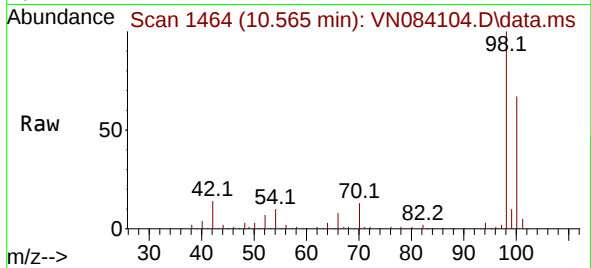




#50
Toluene-d8
Concen: 53.627 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

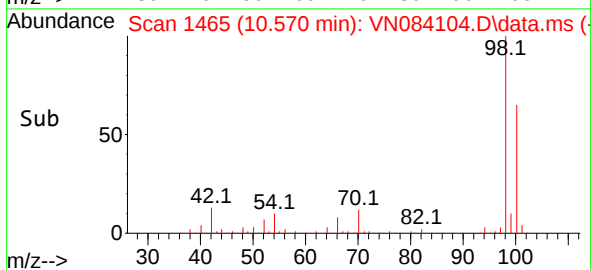
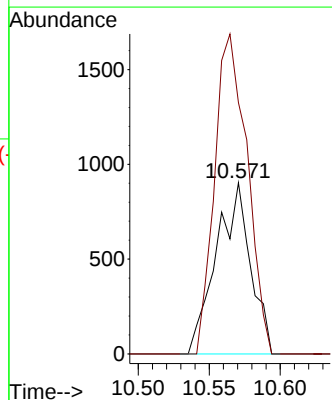
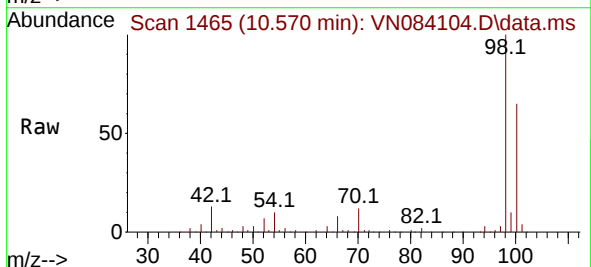
Instrument :
MSVOA_N
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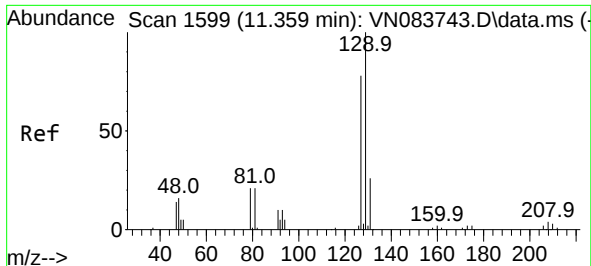
Tgt Ion: 98 Resp: 339211
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 178.1 31.6 47.4#

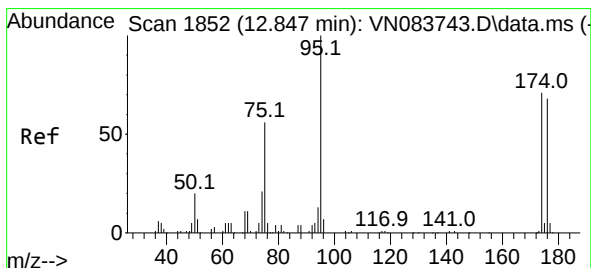
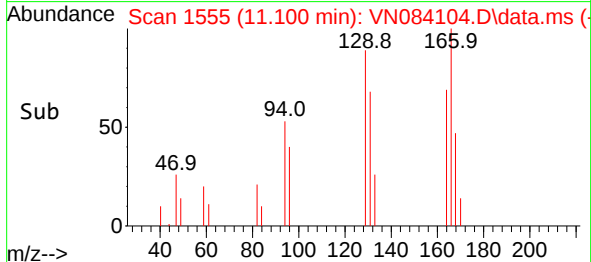
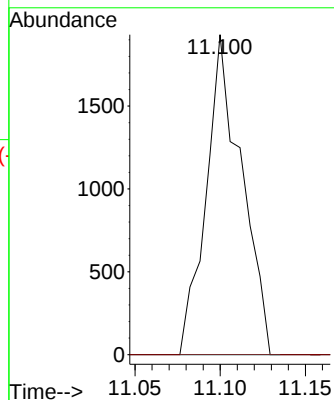
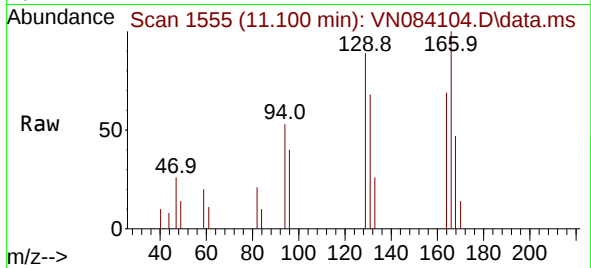




#60
Dibromochloromethane
Concen: 1.315 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

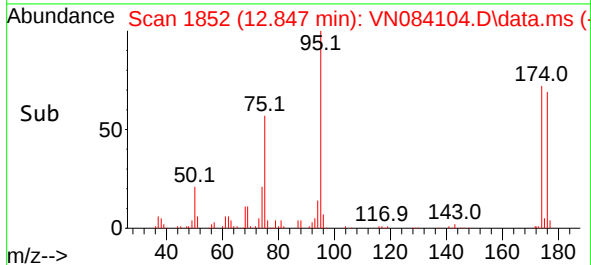
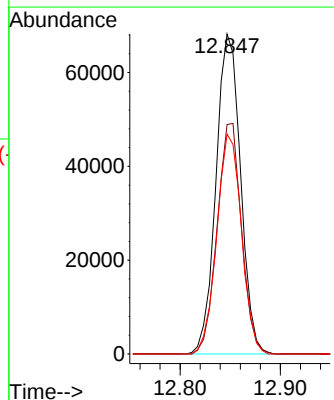
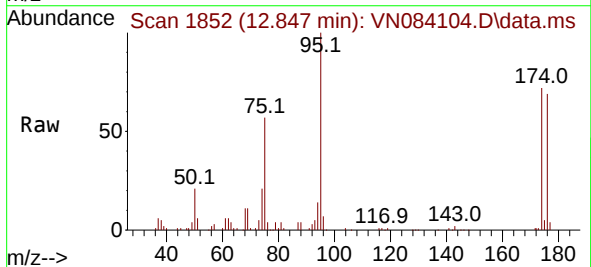
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

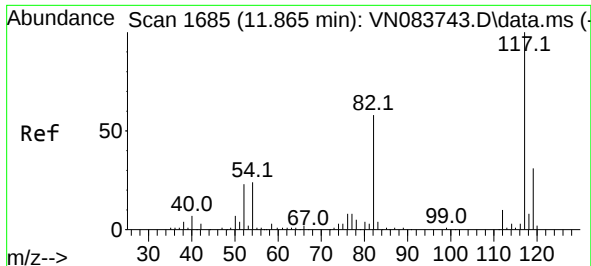
Tgt Ion:129 Resp: 2785
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 44.457 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

Tgt Ion: 95 Resp: 116018
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 68.9 0.0 131.4

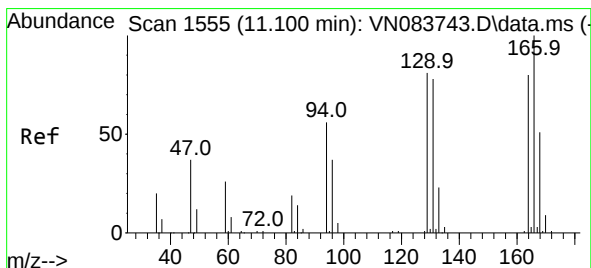
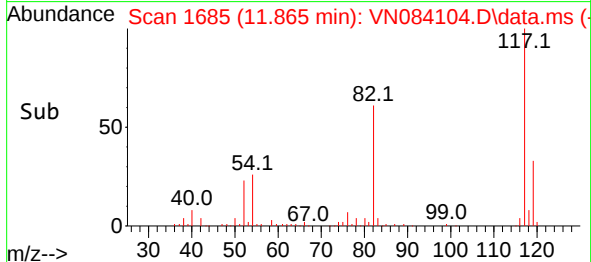
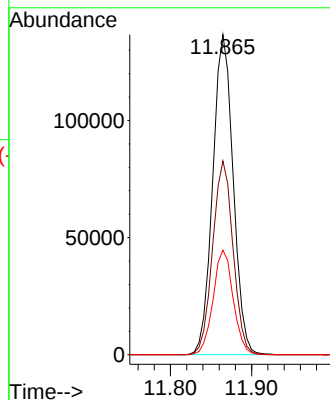
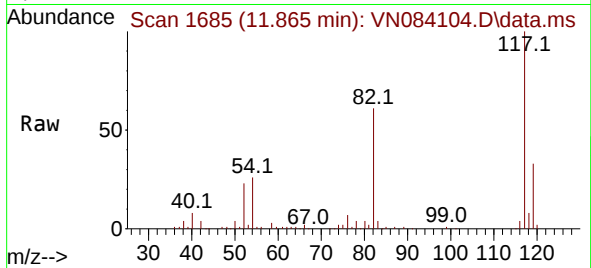




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

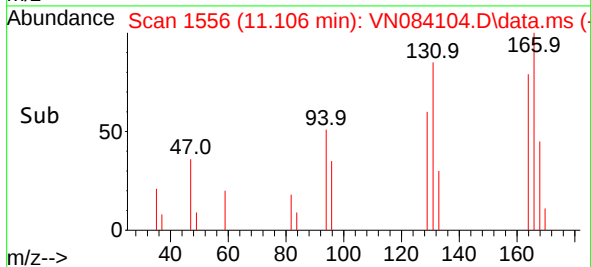
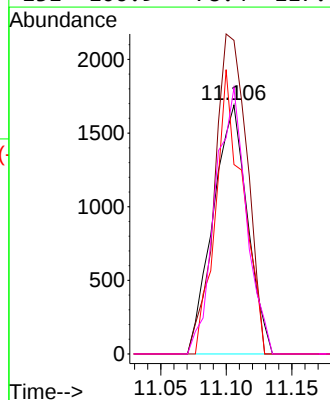
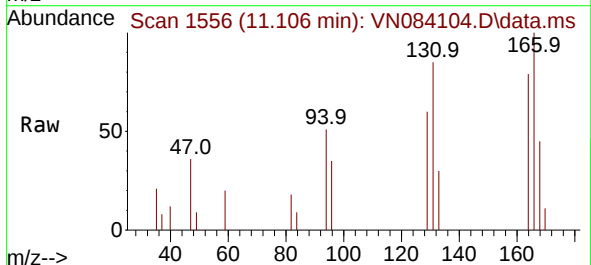
Instrument :
MSVOA_N
ClientSampleId :
RE108D1-20240913

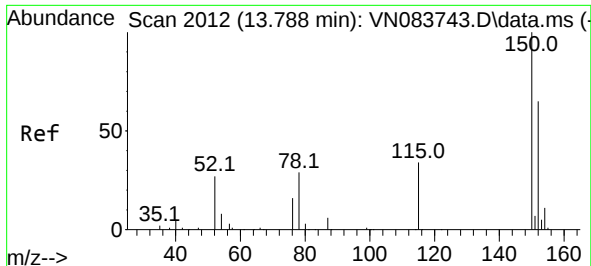
Tgt Ion:117 Resp: 239252
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 1.934 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084104.D
Acq: 23 Sep 2024 12:41

Tgt Ion:164 Resp: 3077
Ion Ratio Lower Upper
164 100
166 126.0 103.7 155.5
129 76.1 79.9 119.9#
131 106.9 78.4 117.6

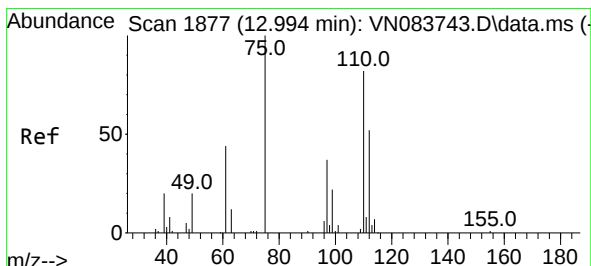
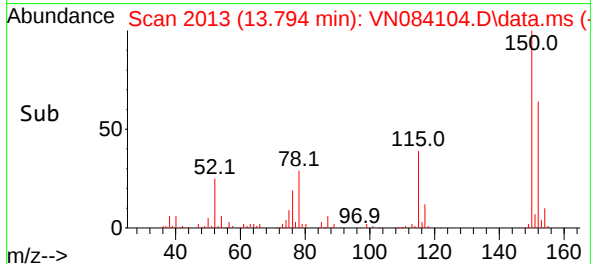
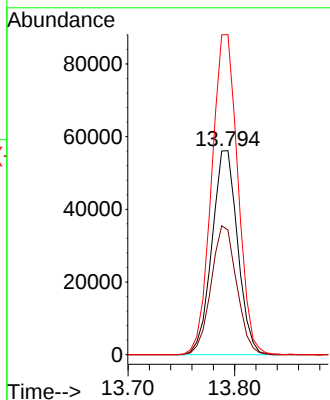
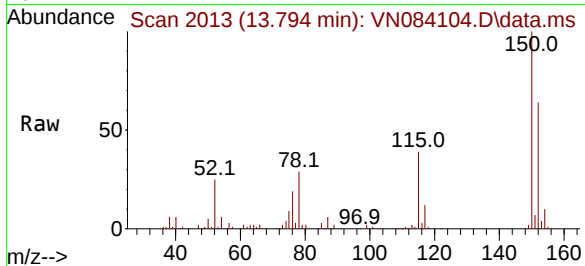




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084104.D
 Acq: 23 Sep 2024 12:41

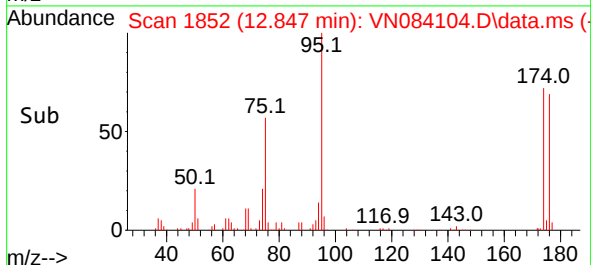
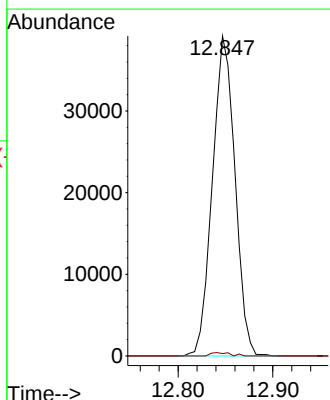
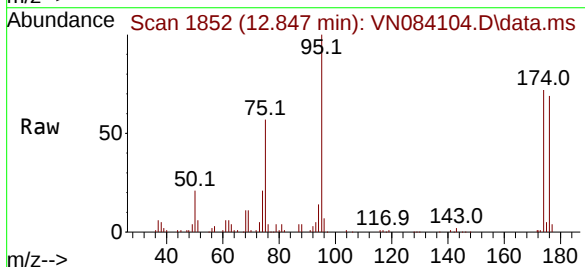
Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D1-20240913

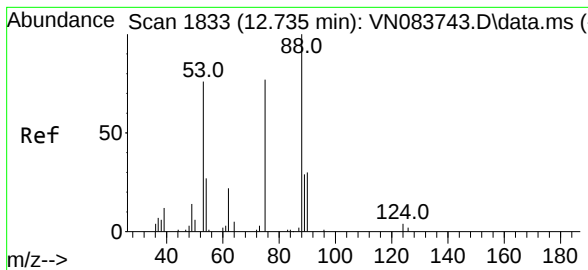
Tgt Ion:152 Resp: 93975
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.2 96.6
 150 160.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.228 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084104.D
 Acq: 23 Sep 2024 12:41

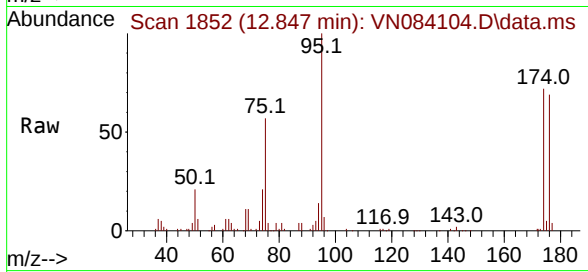
Tgt Ion: 75 Resp: 64905
 Ion Ratio Lower Upper
 75 100
 77 0.9 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.647 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084104.D
 Acq: 23 Sep 2024 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D1-20240913



Tgt Ion: 75 Resp: 64905
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

