

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084048.D
 Acq On : 19 Sep 2024 20:53
 Operator : JC\MD
 Sample : P4003-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D3-20240912

Quant Time: Sep 20 01:37:54 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)

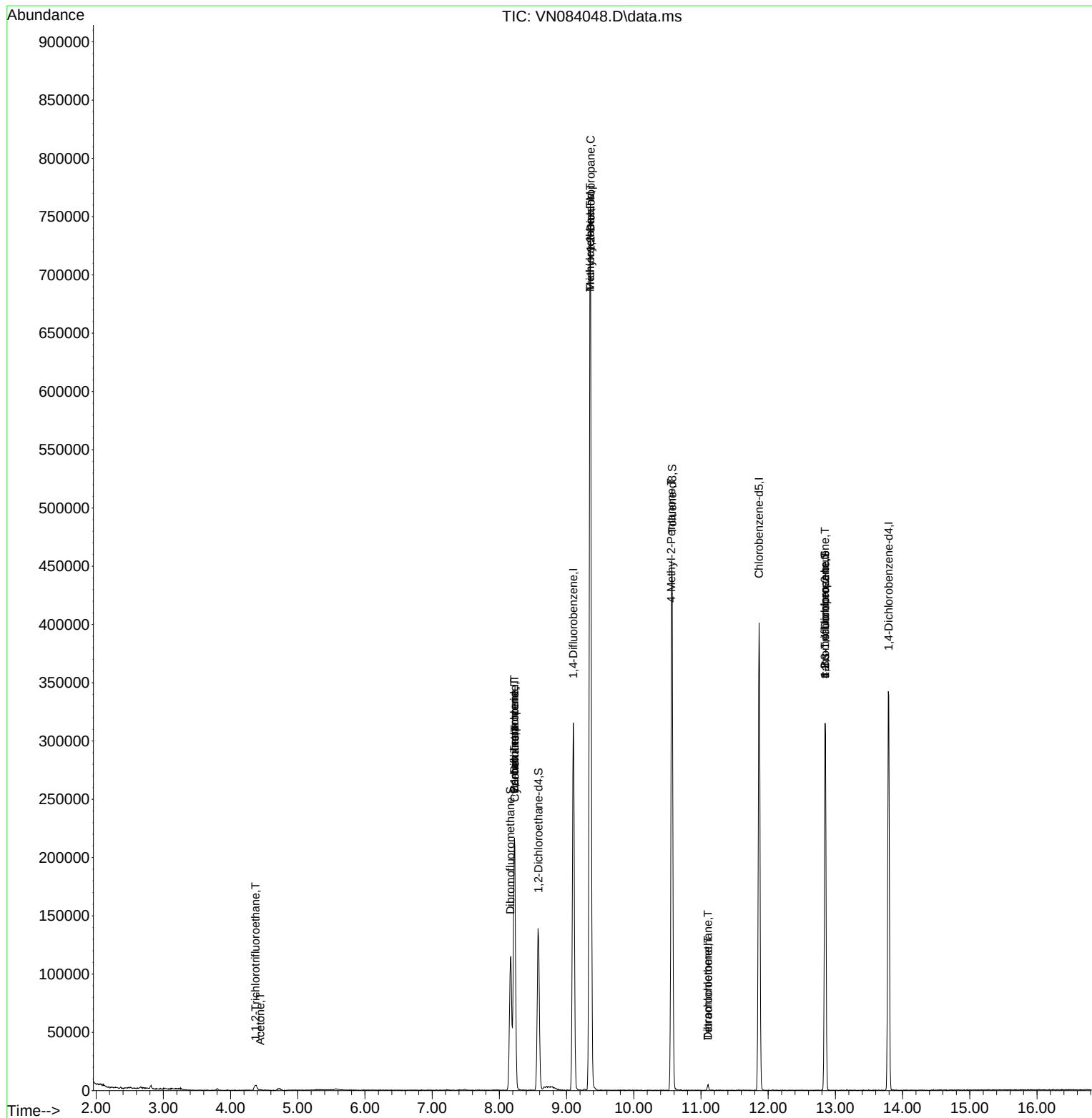
Internal Standards						
1) Pentafluorobenzene	8.224	168	146041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116216	52.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.560%			
35) Dibromofluoromethane	8.165	113	82125	50.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	10.571	98	310346	55.195	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.380%			
62) 4-Bromofluorobenzene	12.847	95	108200	46.642	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.280%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	767	Below Cal		92
9) 1,1,2-Trichlorotrifluo...	4.371	101	3392	2.028 ug/l #		89
16) Acetone	4.442	43	903	1.023 ug/l #		45
18) Methyl Acetate	4.759	43	71	Below Cal #		52
31) Cyclohexane	8.230	56	4135	1.299 ug/l #		27
36) 1,1-Dichloropropene	8.224	75	13745	5.615 ug/l #		50
38) Carbon Tetrachloride	8.224	117	16732	6.025 ug/l #		16
39) Methylcyclohexane	9.353	83	3744	1.344 ug/l #		1
44) Trichloroethene	9.353	130	258672	151.597 ug/l		93
45) 1,2-Dichloropropane	9.359	63	997	0.560 ug/l #		1
51) 4-Methyl-2-Pentanone	10.559	43	1402	0.640 ug/l #		1
60) Dibromochloromethane	11.106	129	1038	0.551 ug/l #		10
64) Tetrachloroethene	11.106	164	992	0.689 ug/l #		71
76) 1,2,3-Trichloropropane	12.847	75	61618	35.128 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.847	75	61618	92.002 ug/l #		9

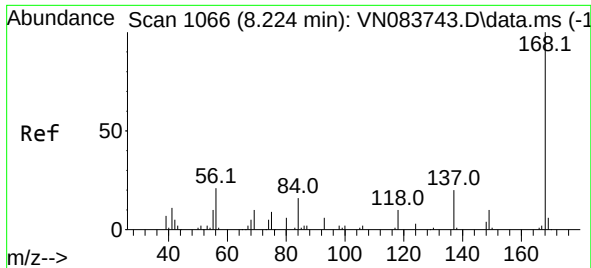
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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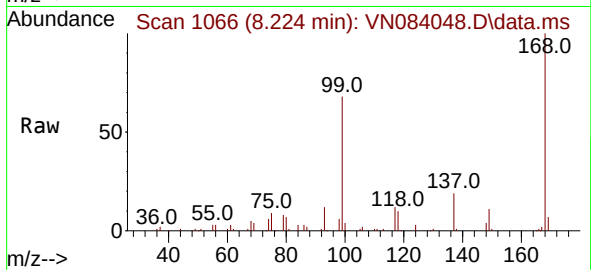
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



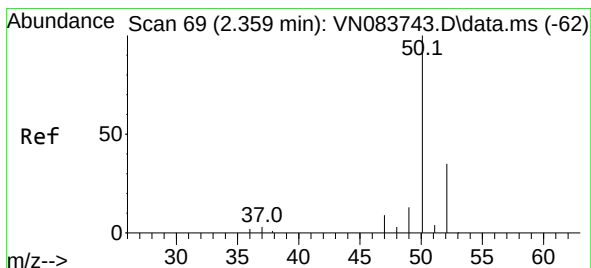
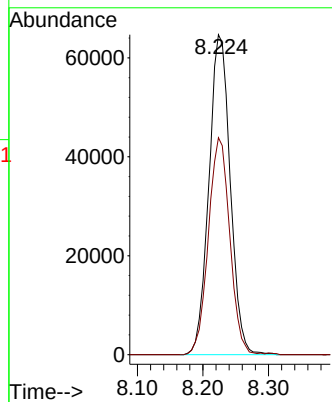
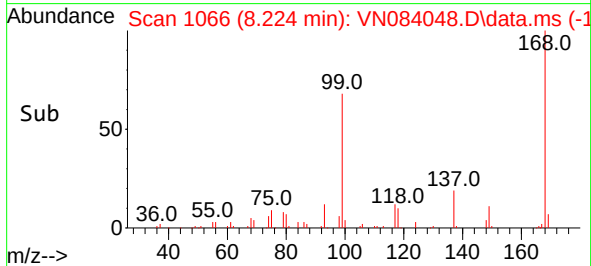


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20240912

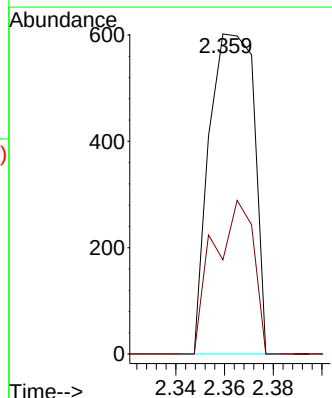
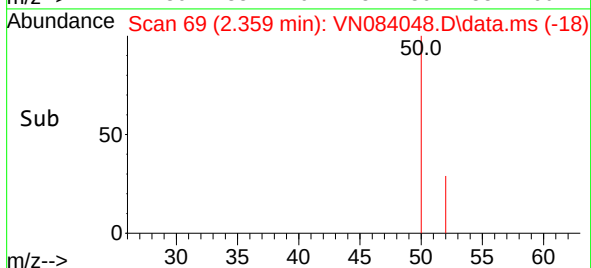
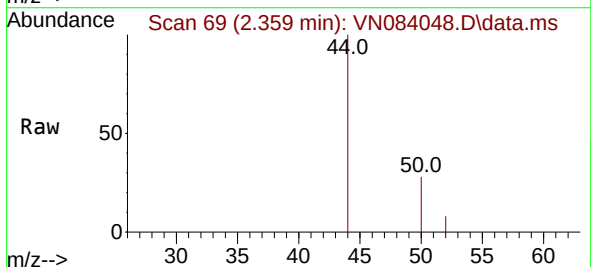


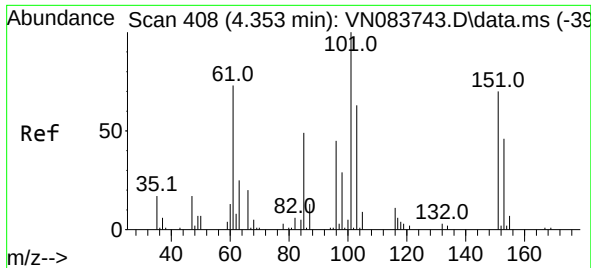
Tgt Ion:168 Resp: 146041
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 50 Resp: 767
Ion Ratio Lower Upper
50 100
52 29.4 27.2 40.8

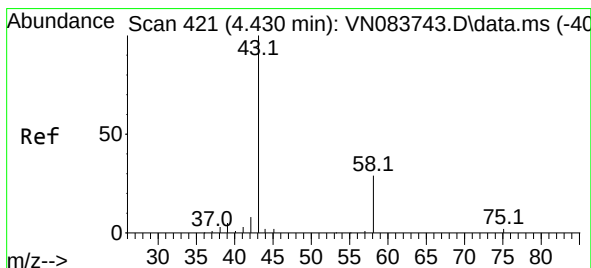
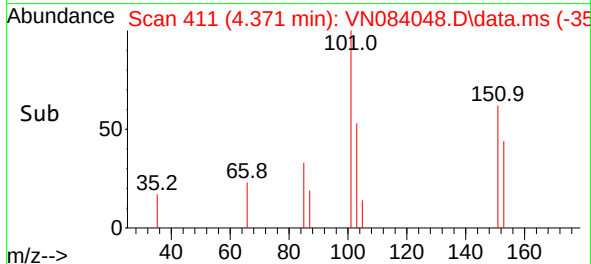
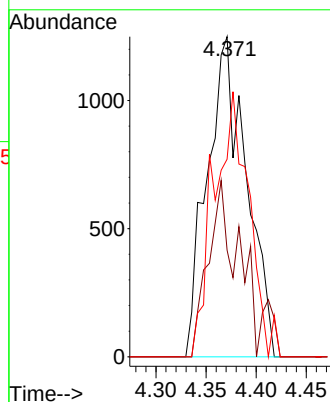
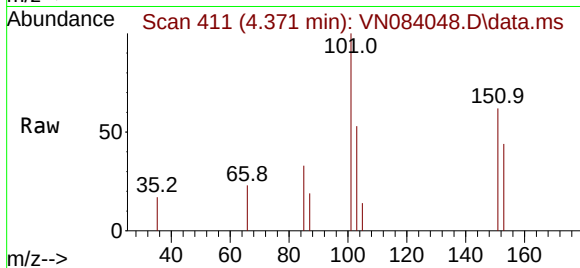




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.028 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

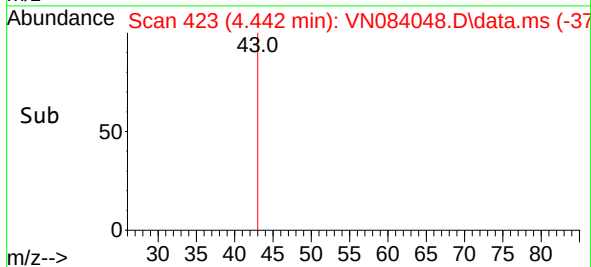
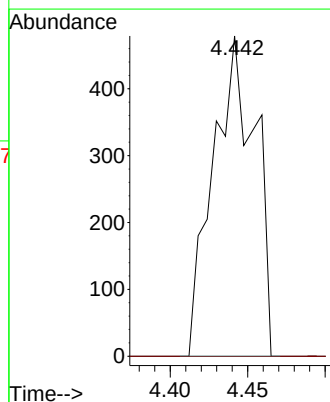
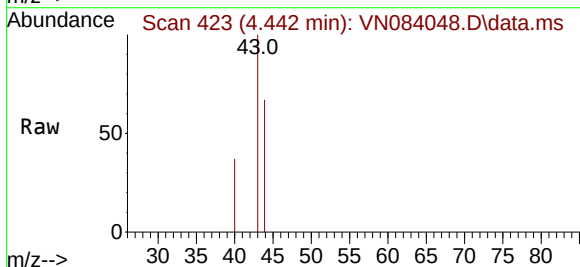
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20240912

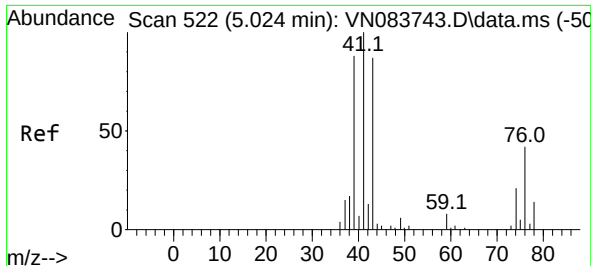
Tgt Ion:101 Resp: 3392
Ion Ratio Lower Upper
101 100
85 29.3 36.2 54.4#
151 74.1 57.7 86.5



#16
Acetone
Concen: 1.023 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

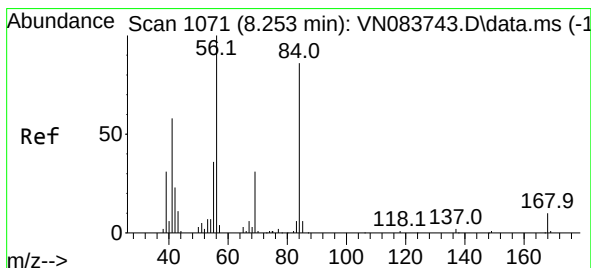
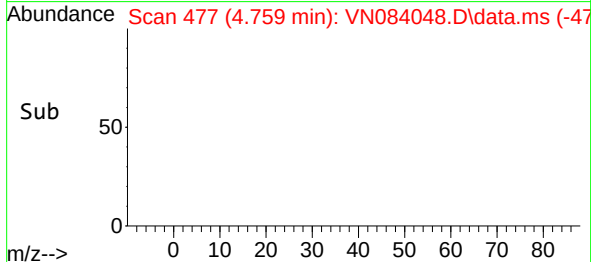
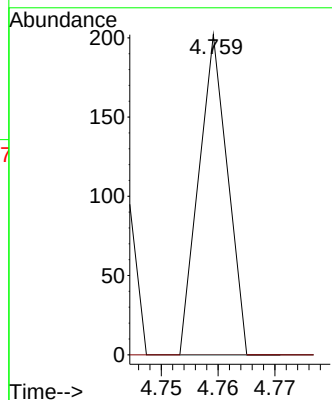
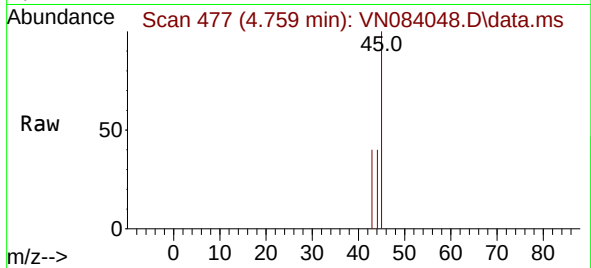




#18
Methyl Acetate
Concen: Below Cal
RT: 4.759 min Scan# 41
Delta R.T. -0.265 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

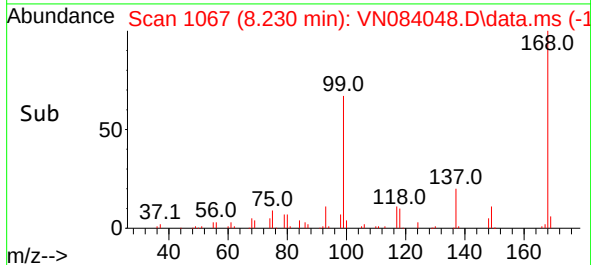
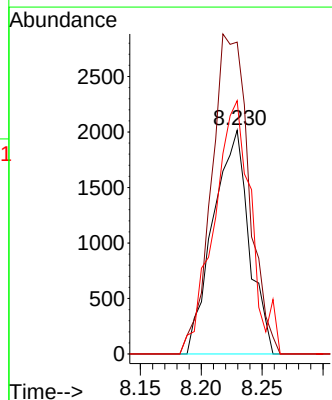
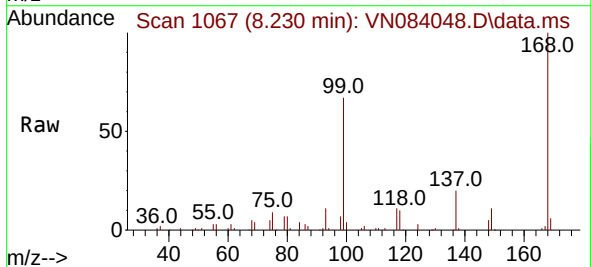
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20240912

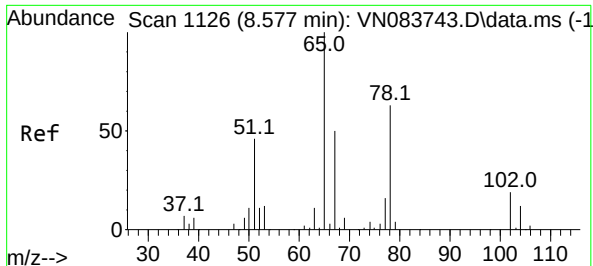
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 56 Resp: 4135
Ion Ratio Lower Upper
56 100
69 139.4 26.9 40.3#
84 113.2 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 52.775 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084048.D

Acq: 19 Sep 2024 20:53

Instrument :

MSVOA_N

ClientSampleId :

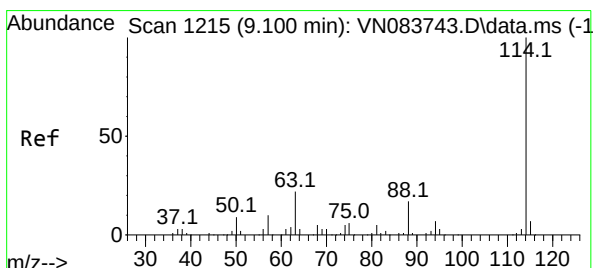
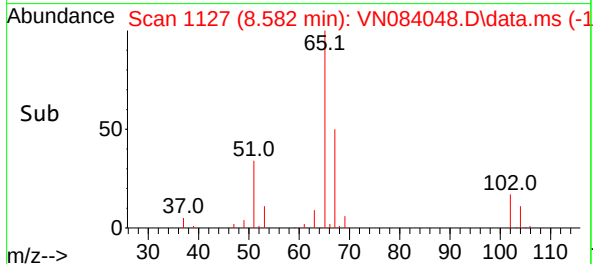
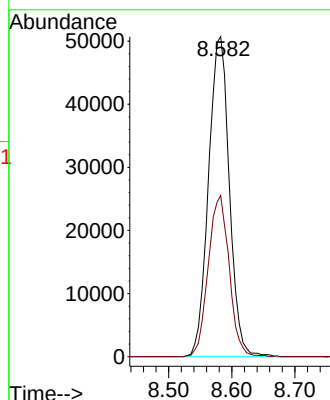
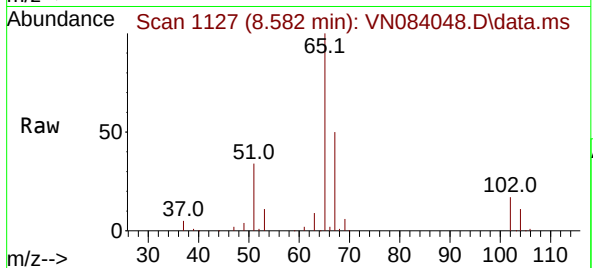
RE103D3-20240912

Tgt Ion: 65 Resp: 116216

Ion Ratio Lower Upper

65 100

67 50.6 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: VN084048.D

Acq: 19 Sep 2024 20:53

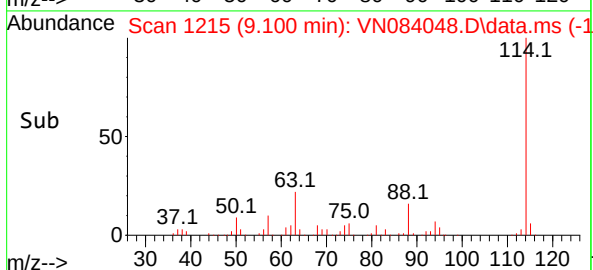
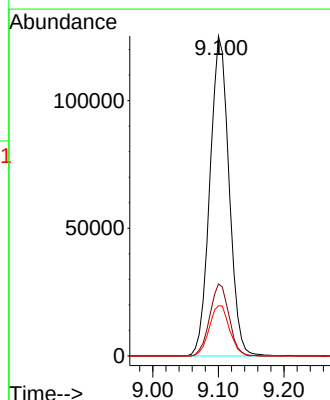
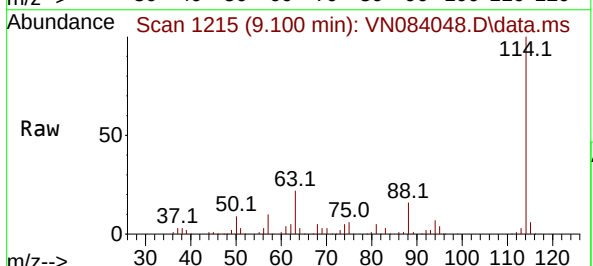
Tgt Ion: 114 Resp: 254060

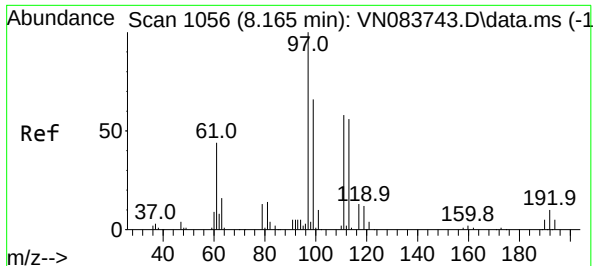
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 15.7 0.0 32.6

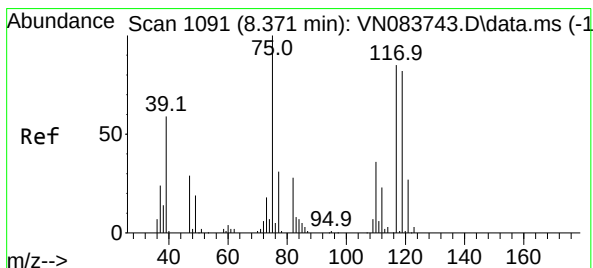
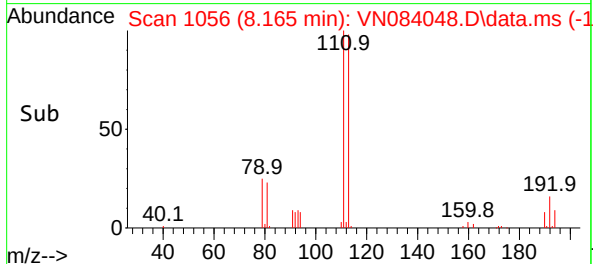
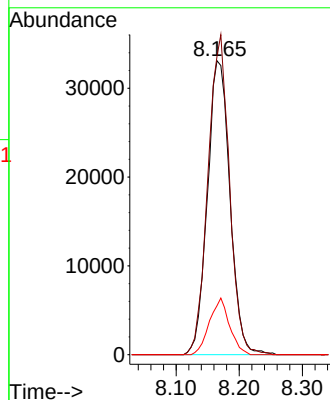
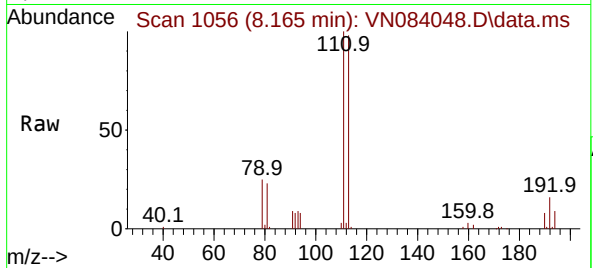




#35
Dibromofluoromethane
Concen: 50.493 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

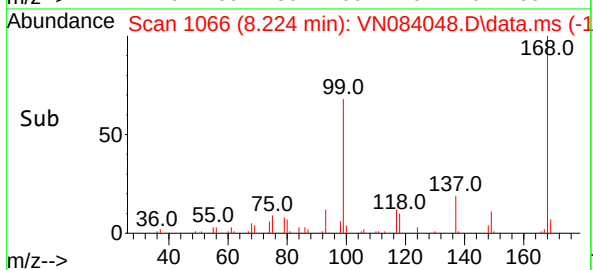
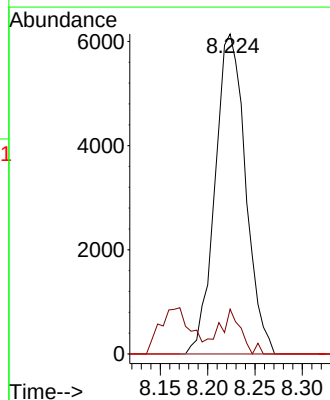
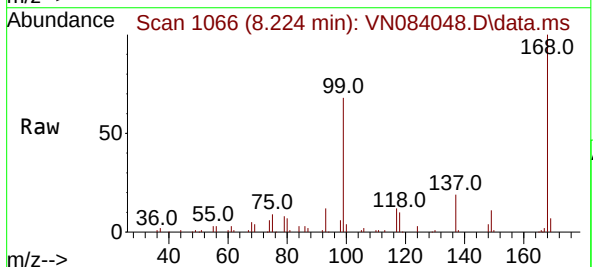
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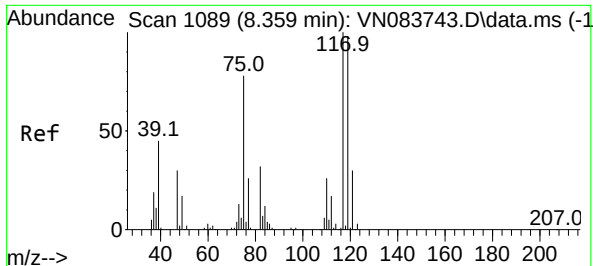
Tgt Ion:113 Resp: 82125
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.615 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 75 Resp: 13745
Ion Ratio Lower Upper
75 100
110 8.7 16.7 50.1#
77 0.0 25.2 37.8#

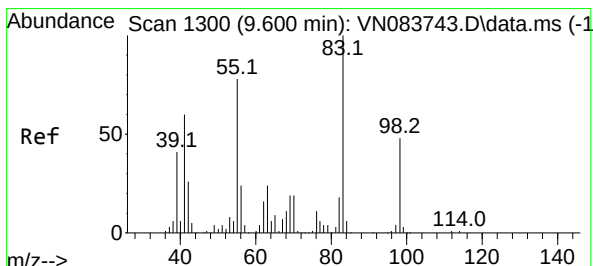
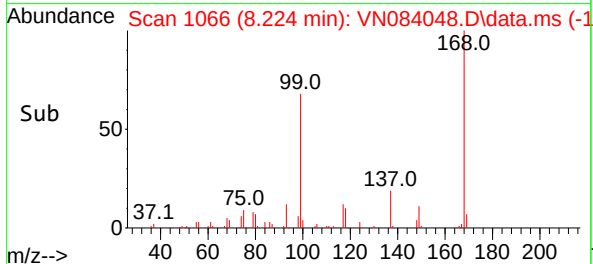
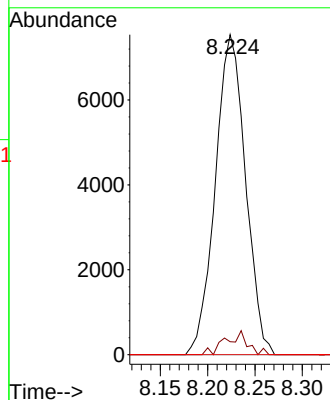
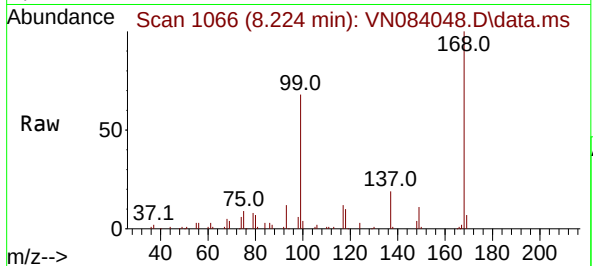




#38
Carbon Tetrachloride
Concen: 6.025 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

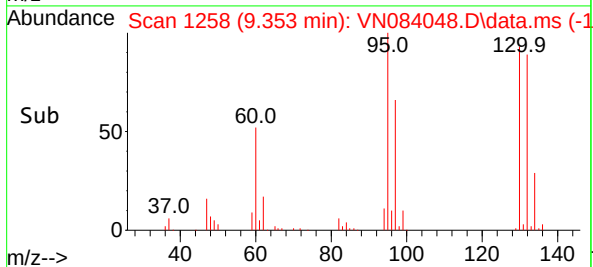
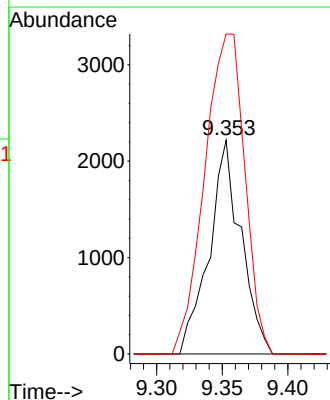
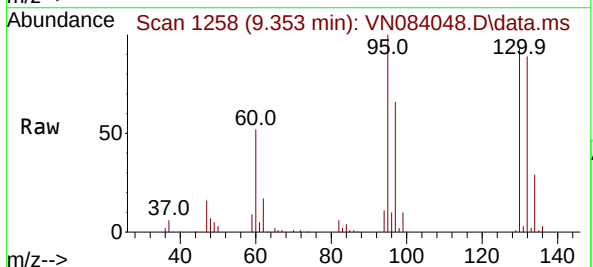
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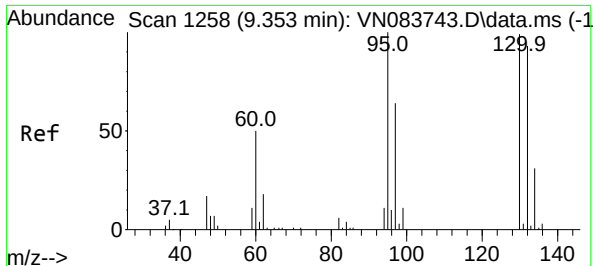
Tgt Ion: 117 Resp: 16732
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 1.344 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.247 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 83 Resp: 3744
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 149.7 37.6 56.4#

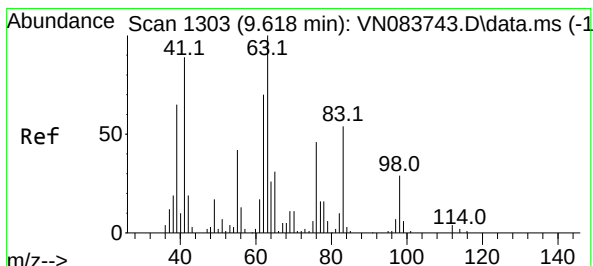
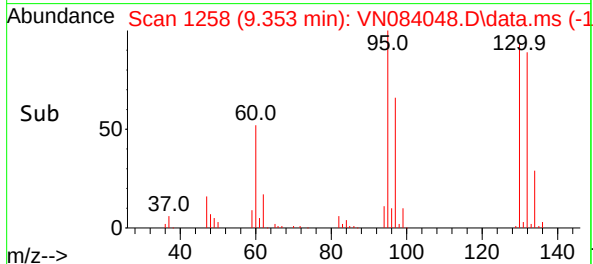
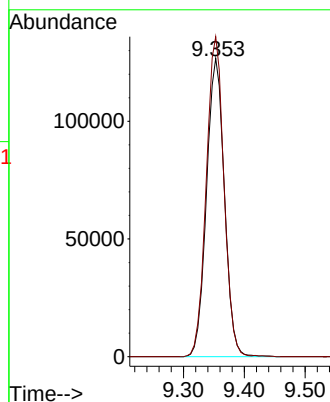
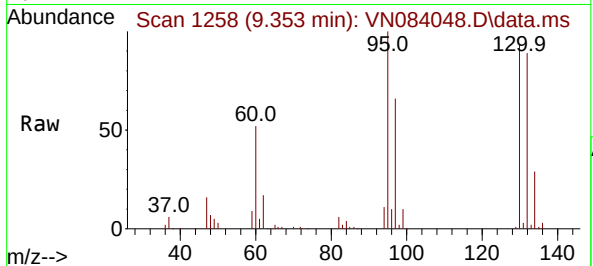




#44
Trichloroethene
Concen: 151.597 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

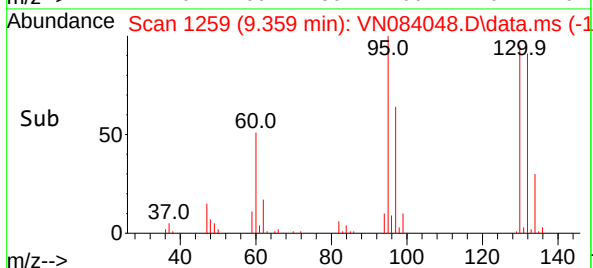
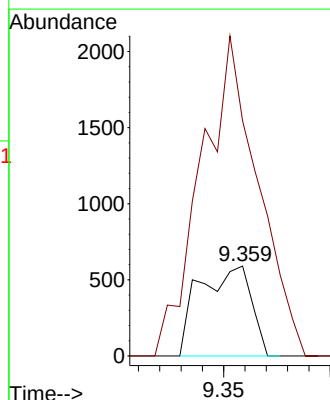
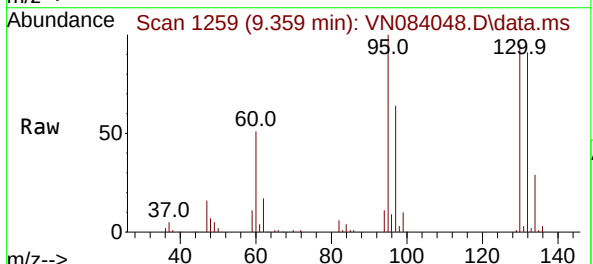
Instrument :
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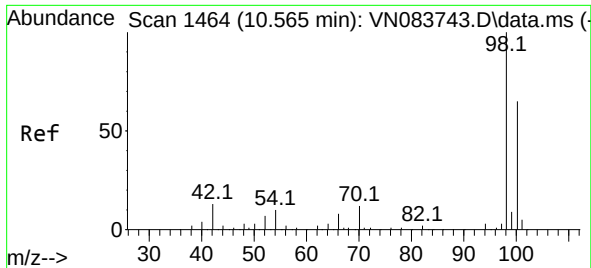
Tgt Ion:130 Resp: 258672
Ion Ratio Lower Upper
130 100
95 107.3 0.0 200.4



#45
1,2-Dichloropropane
Concen: 0.560 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.259 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 63 Resp: 997
Ion Ratio Lower Upper
63 100
65 206.3 25.9 38.9#

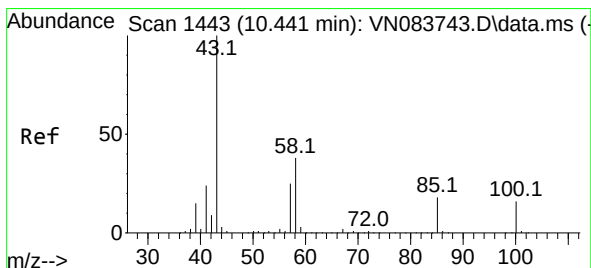
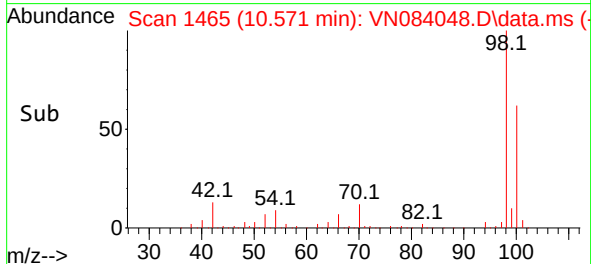
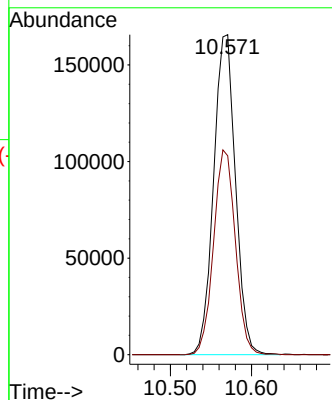
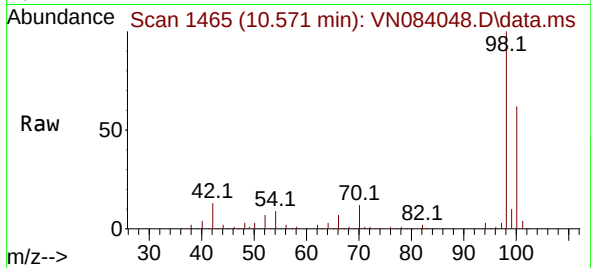




#50
Toluene-d8
Concen: 55.195 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

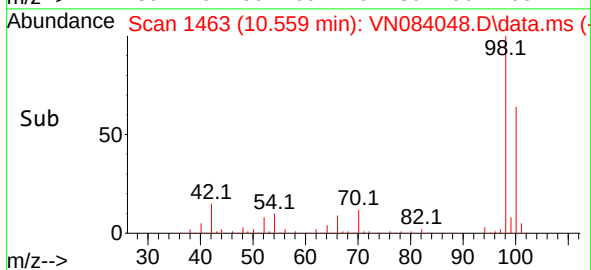
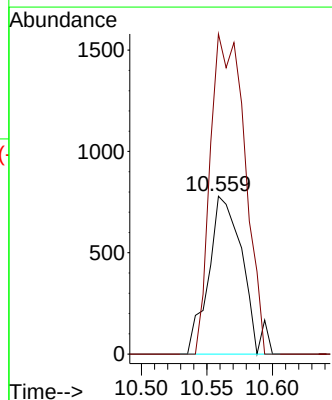
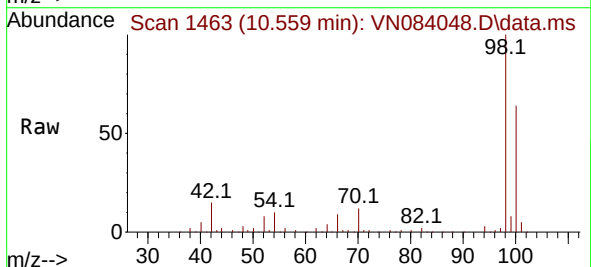
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20240912

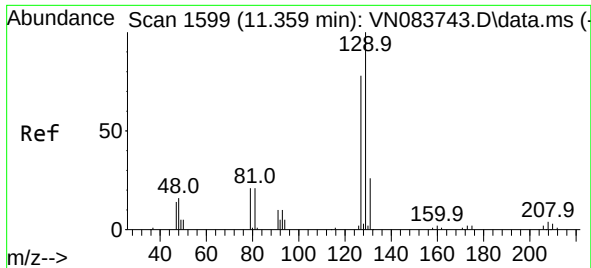
Tgt Ion: 98 Resp: 310346
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 205.6 31.6 47.4#

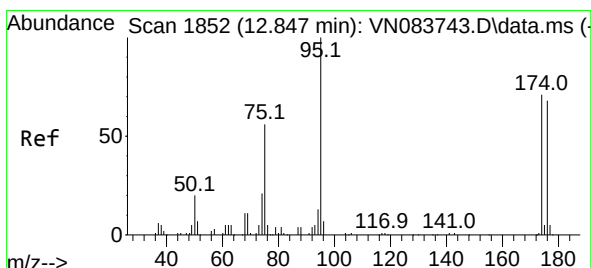
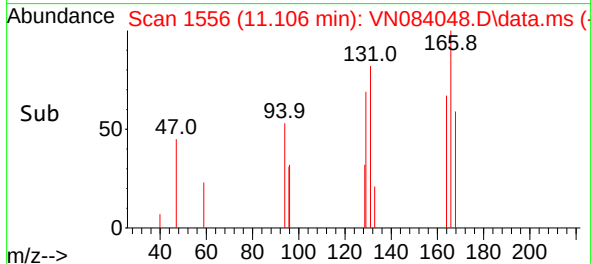
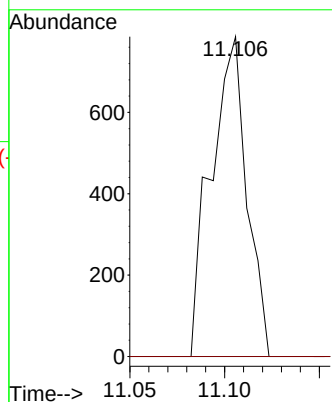
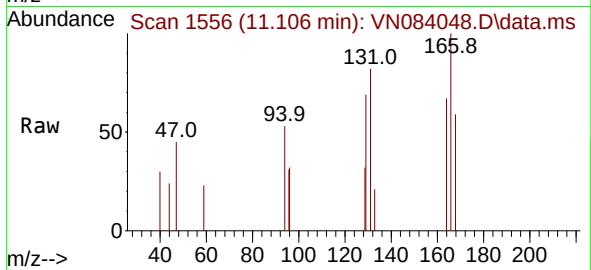




#60
Dibromochloromethane
Concen: 0.551 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

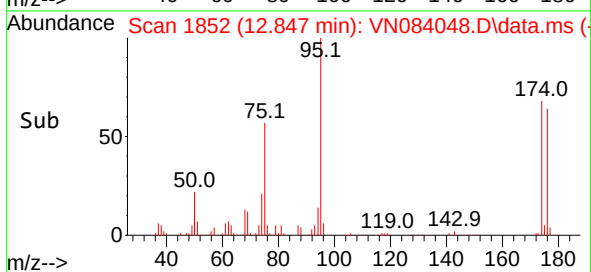
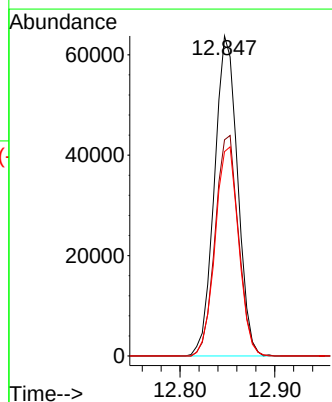
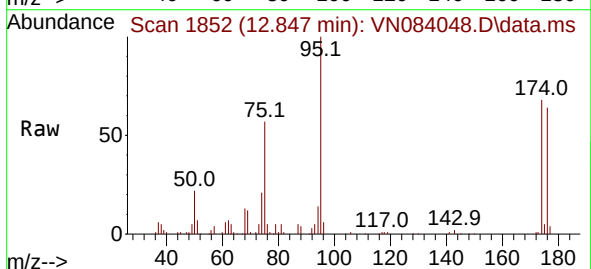
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20240912

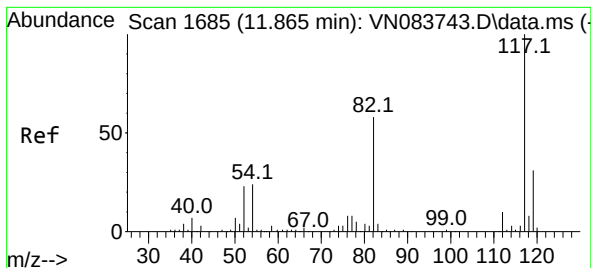
Tgt Ion:129 Resp: 1038
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 46.642 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 95 Resp: 108200
Ion Ratio Lower Upper
95 100
174 69.7 0.0 139.8
176 66.4 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084048.D

Acq: 19 Sep 2024 20:53

Instrument :

MSVOA_N

ClientSampleId :

RE103D3-20240912

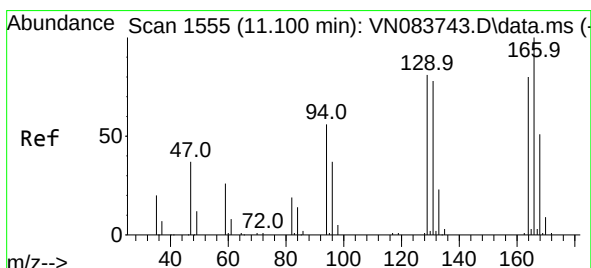
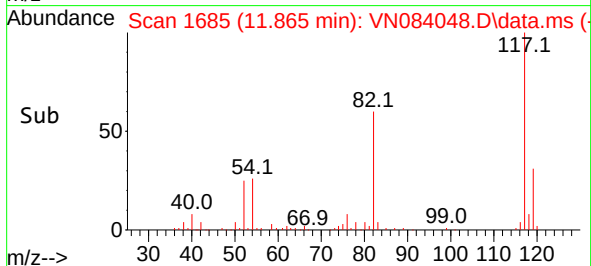
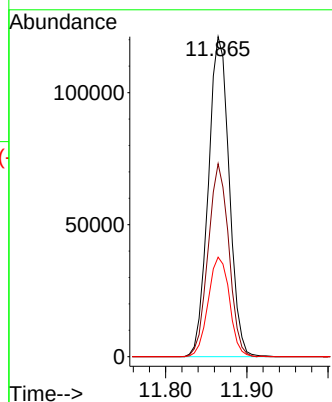
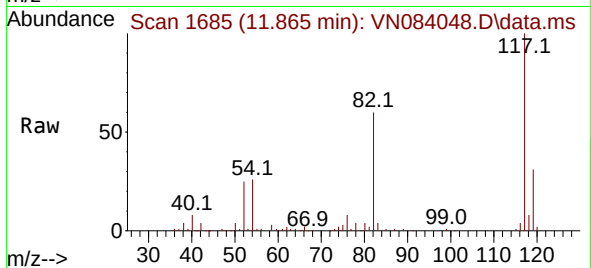
Tgt Ion:117 Resp: 216651

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.0

119 31.1 26.3 39.5



#64

Tetrachloroethene

Concen: 0.689 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084048.D

Acq: 19 Sep 2024 20:53

Tgt Ion:164 Resp: 992

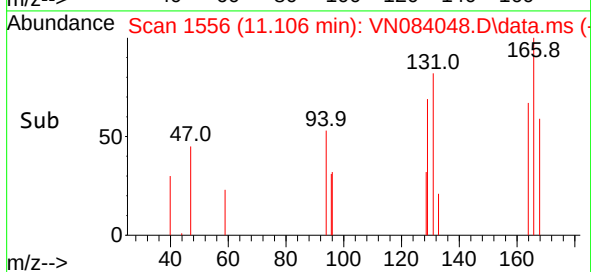
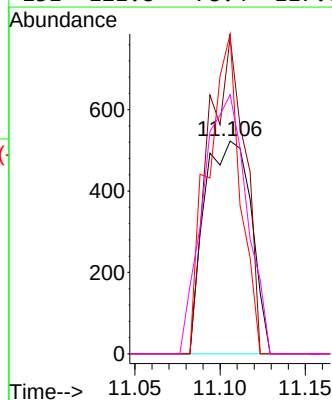
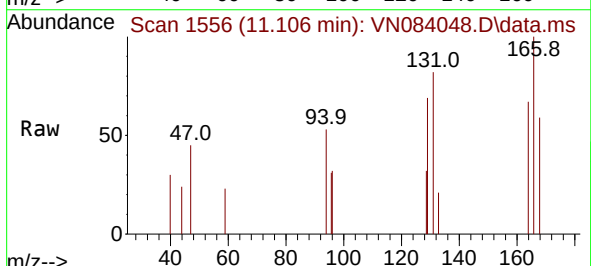
Ion Ratio Lower Upper

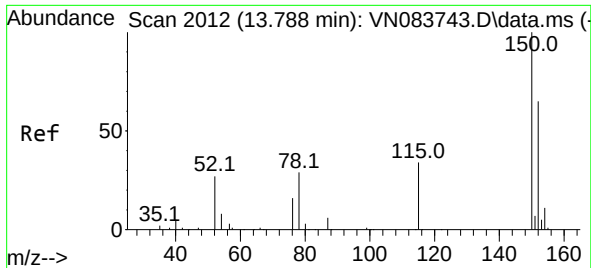
164 100

166 148.8 103.7 155.5

129 150.3 79.9 119.9#

131 121.8 78.4 117.6#

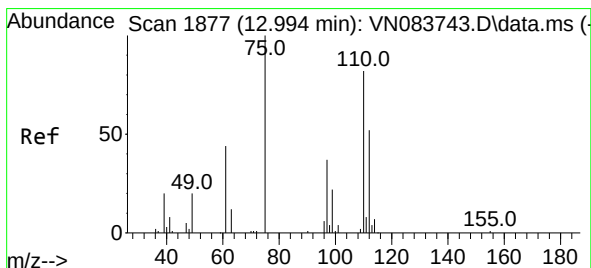
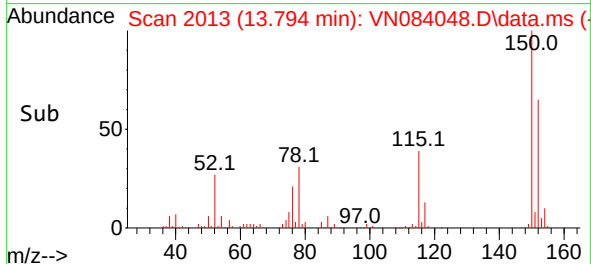
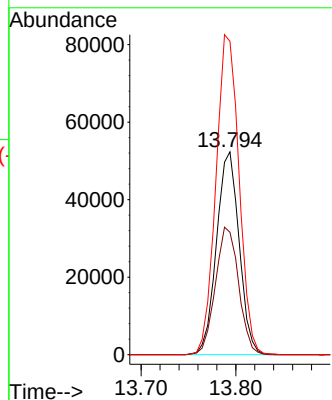
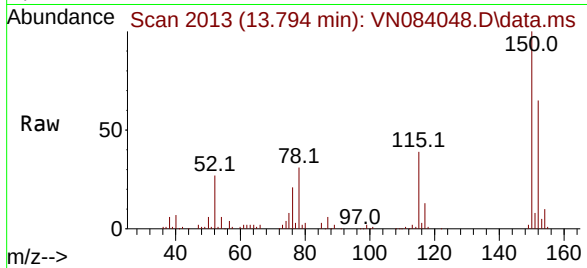




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

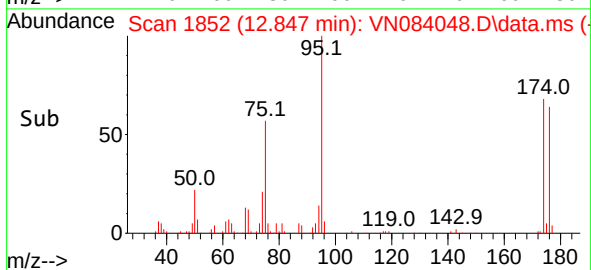
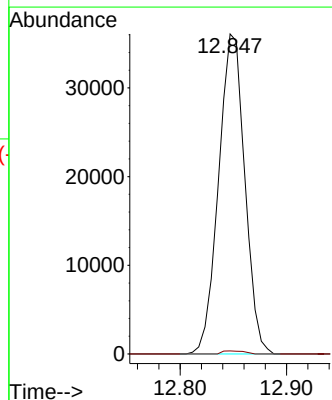
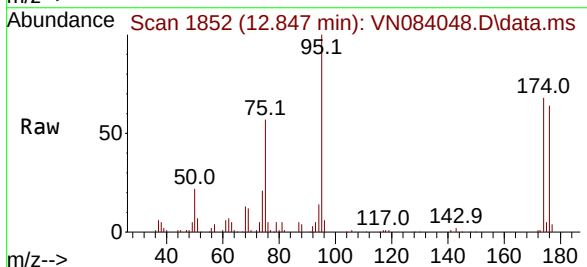
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20240912

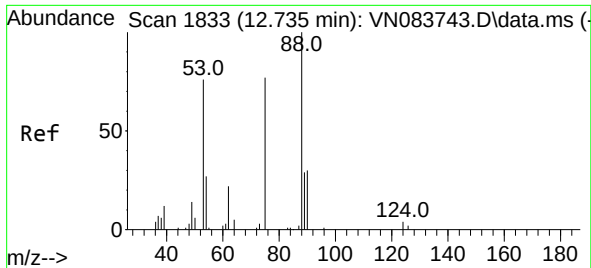
Tgt Ion:152 Resp: 86932
Ion Ratio Lower Upper
152 100
115 64.6 32.2 96.6
150 161.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 35.128 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Tgt Ion: 75 Resp: 61618
Ion Ratio Lower Upper
75 100
77 0.8 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.002 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084048.D
Acq: 19 Sep 2024 20:53

Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20240912

Tgt Ion: 75 Resp: 61618
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

