

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084109.D
 Acq On : 23 Sep 2024 14:41
 Operator : JC\MD
 Sample : P4003-04DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW17811-20240911DL

Quant Time: Sep 24 01:32:52 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)

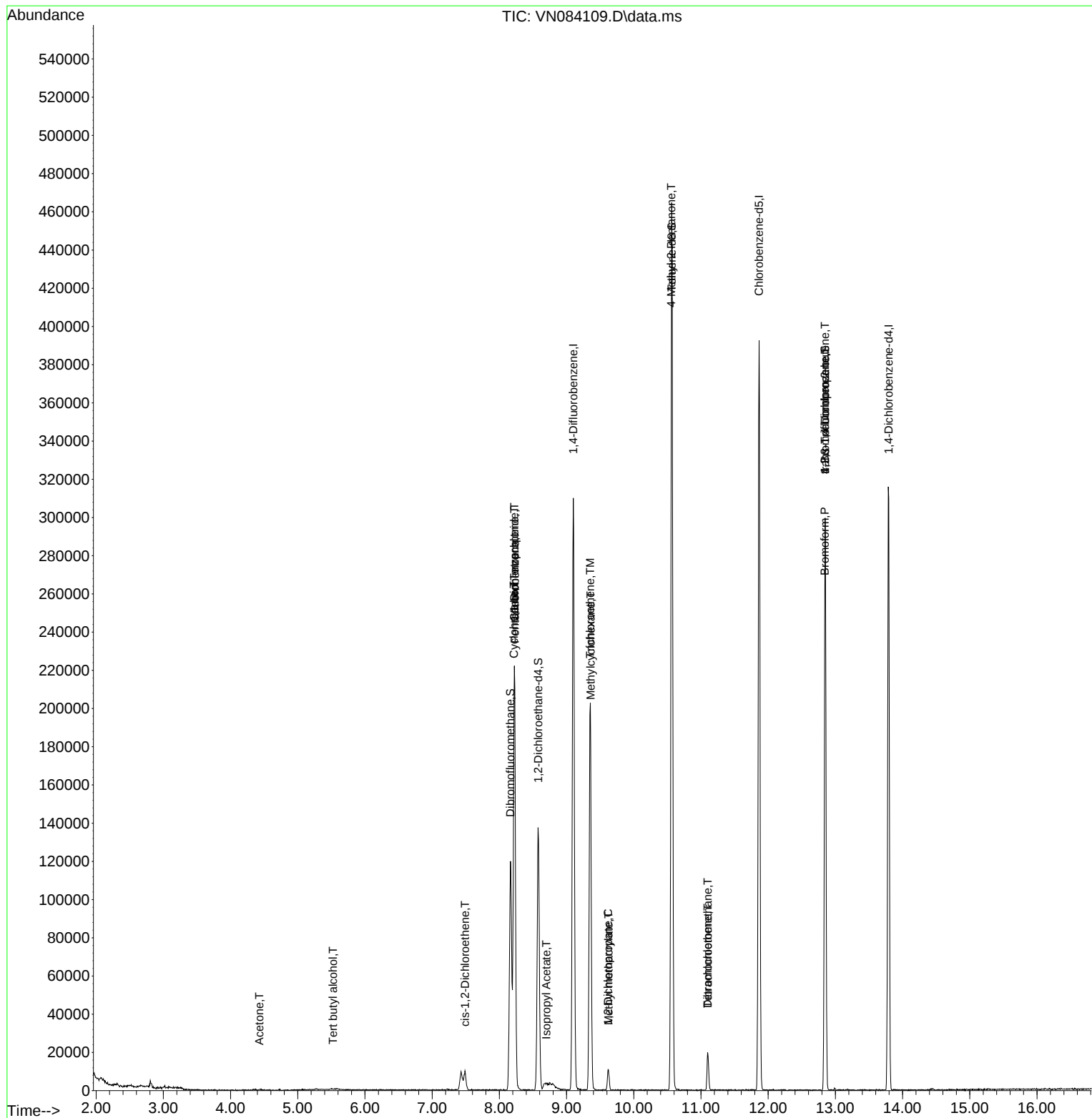
Internal Standards						
1) Pentafluorobenzene	8.229	168	148850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	114871	51.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.360%			
35) Dibromofluoromethane	8.165	113	84373	50.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	10.565	98	312830	54.442	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.847	95	104183	43.946	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.900%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	304	Below Cal	#	41
11) Tert butyl alcohol	5.524	59	145	0.482	ug/l #	71
16) Acetone	4.430	43	465	0.517	ug/l #	45
18) Methyl Acetate	5.047	43	67	Below Cal	#	52
27) cis-1,2-Dichloroethene	7.488	96	5613	2.740	ug/l	85
31) Cyclohexane	8.218	56	3665	1.130	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	14113	5.641	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17188	6.056	ug/l #	18
39) Methylcyclohexane	9.359	83	979	0.344	ug/l #	1
43) Isopropyl Acetate	8.700	43	4058	0.986	ug/l #	57
44) Trichloroethene	9.353	130	69354	39.773	ug/l	97
45) 1,2-Dichloropropane	9.618	63	4181	2.297	ug/l #	80
48) Methyl methacrylate	9.623	41	2719	1.393	ug/l #	35
51) 4-Methyl-2-Pentanone	10.559	43	1580	0.705	ug/l #	1
60) Dibromochloromethane	11.100	129	4415	2.294	ug/l #	10
64) Tetrachloroethene	11.100	164	4099	2.868	ug/l	95
71) Bromoform	12.841	173	481	0.431	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	56839	34.370	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56839	90.018	ug/l #	9

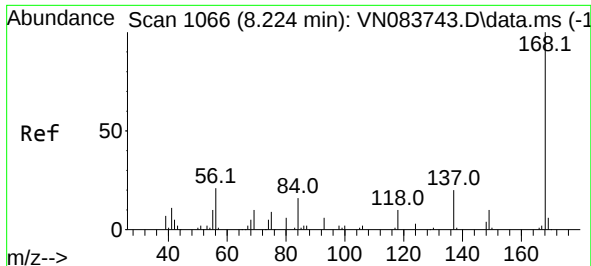
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

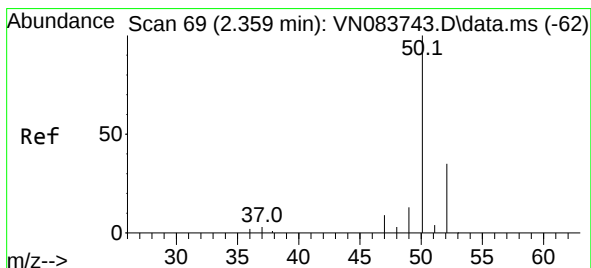
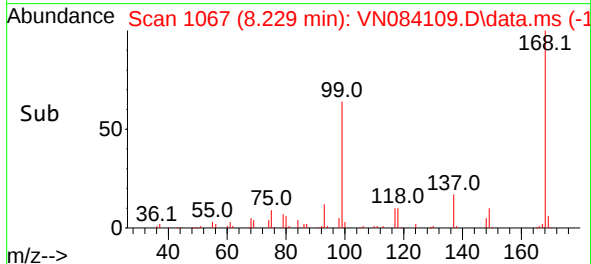
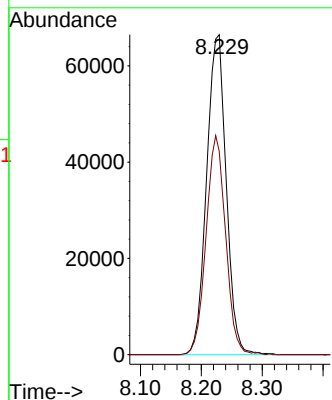
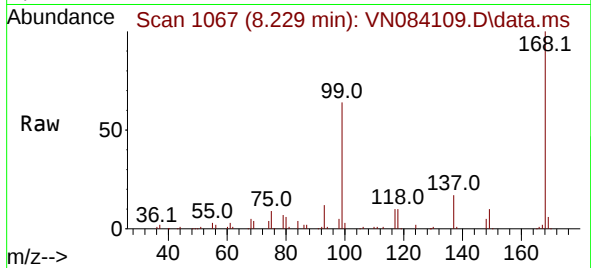




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

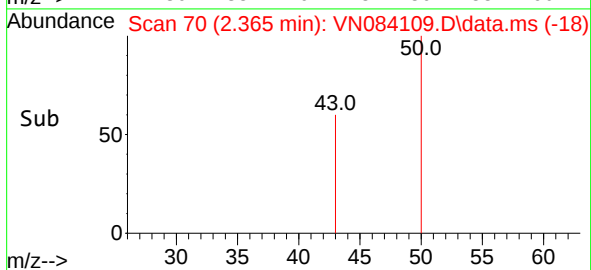
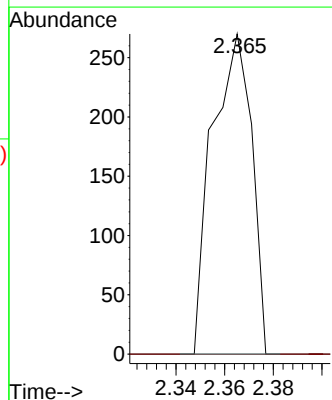
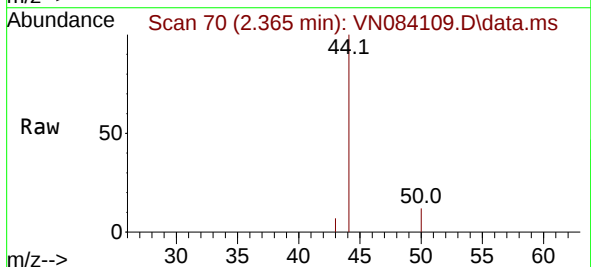
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20240911DL

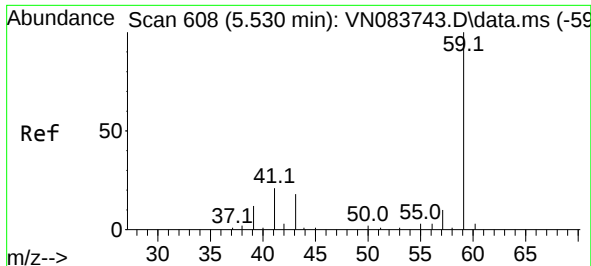
Tgt Ion:168 Resp: 148850
Ion Ratio Lower Upper
168 100
99 63.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#11

Tert butyl alcohol

Concen: 0.482 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

Lab File: VN084109.D

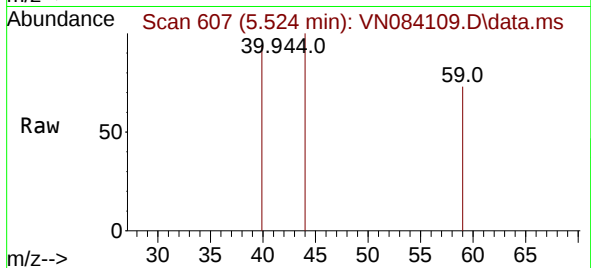
Acq: 23 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW17811-20240911DL

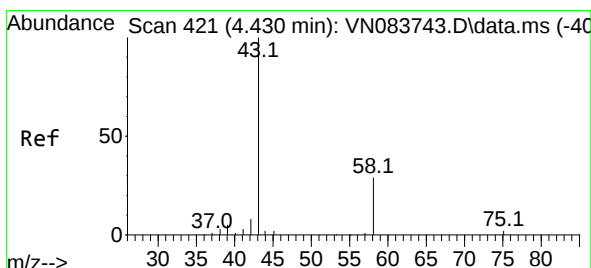
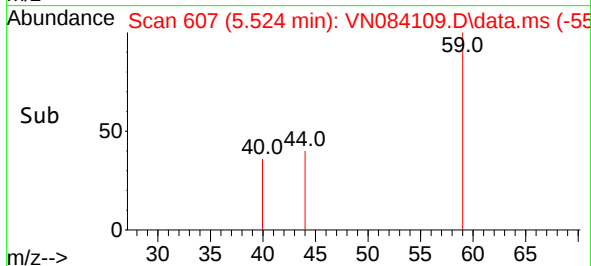
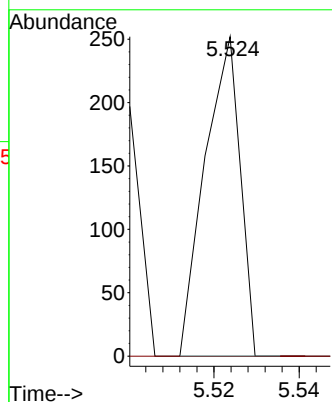


Tgt Ion: 59 Resp: 145

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 0.517 ug/l

RT: 4.430 min Scan# 421

Delta R.T. -0.000 min

Lab File: VN084109.D

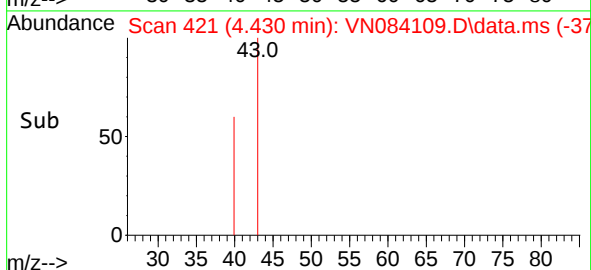
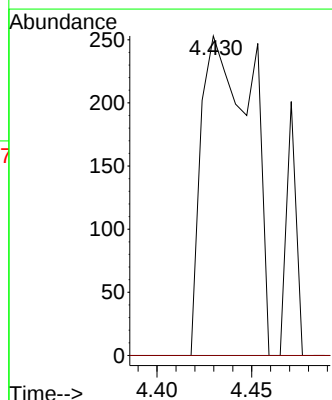
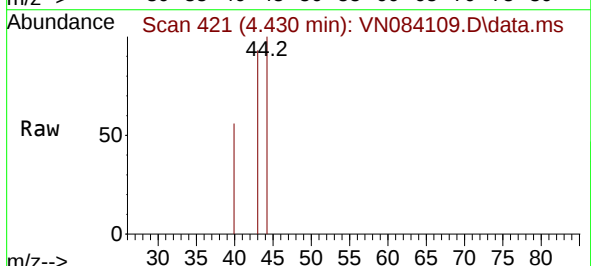
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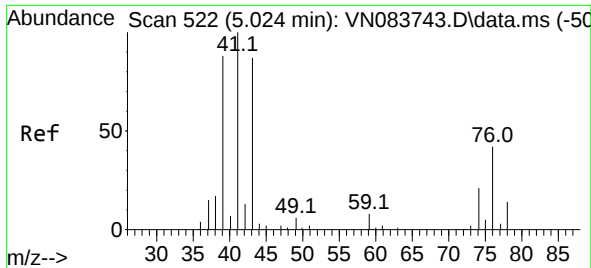
Tgt Ion: 43 Resp: 465

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#

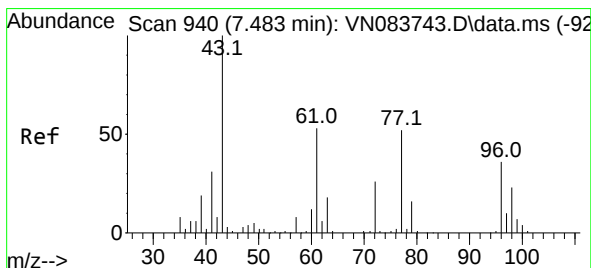
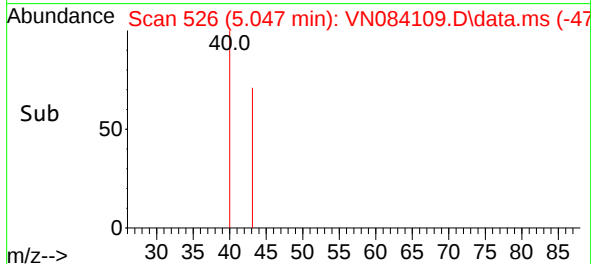
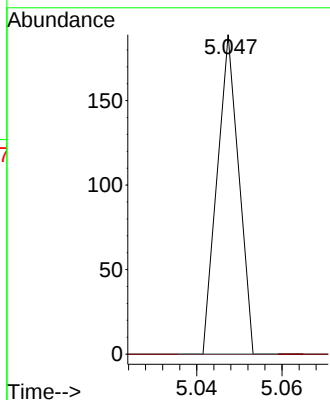
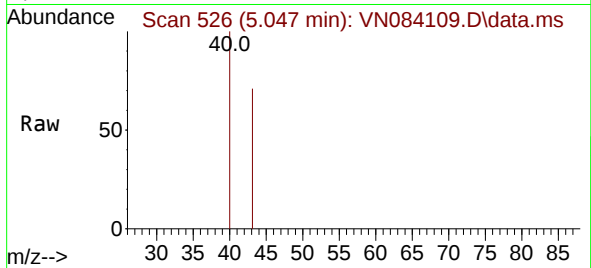




#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

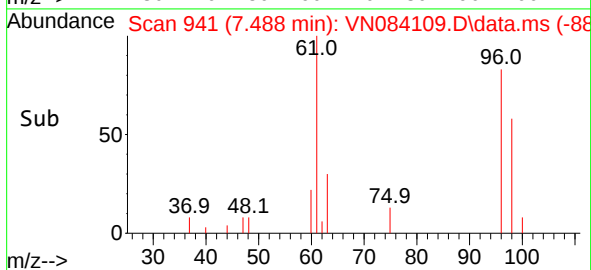
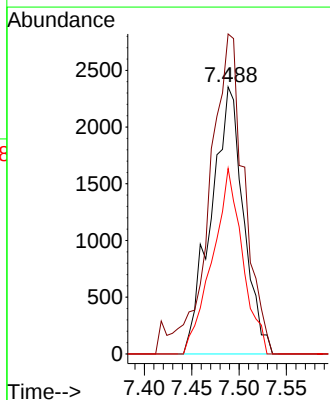
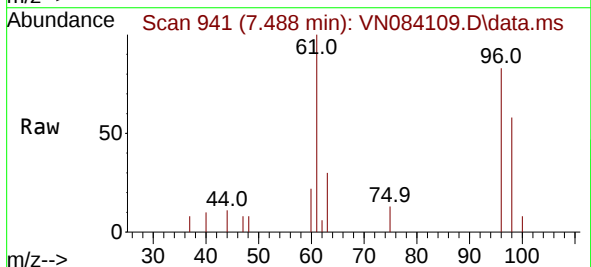
Instrument :
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MW17811-20240911DL

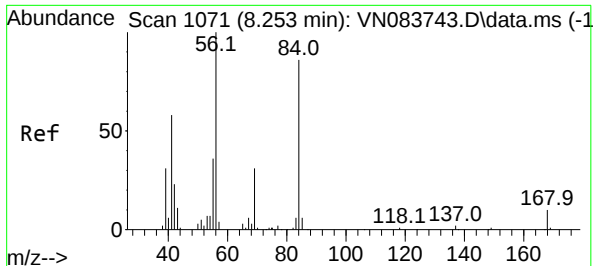
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#27
cis-1,2-Dichloroethene
Concen: 2.740 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

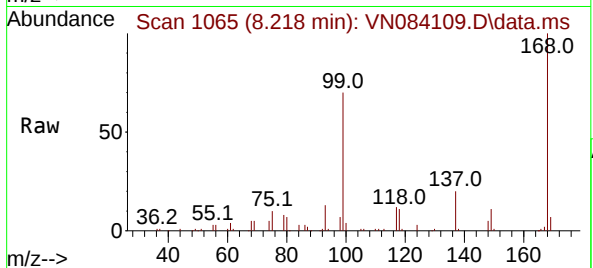
Tgt Ion: 96 Resp: 5613
Ion Ratio Lower Upper
96 100
61 125.5 0.0 306.2
98 64.7 0.0 128.6



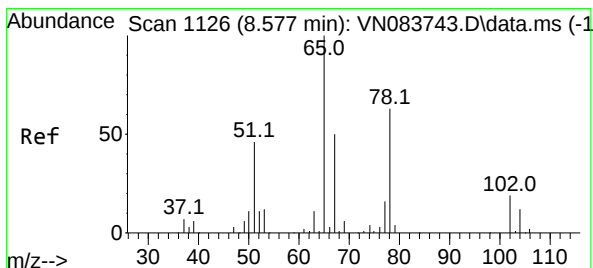
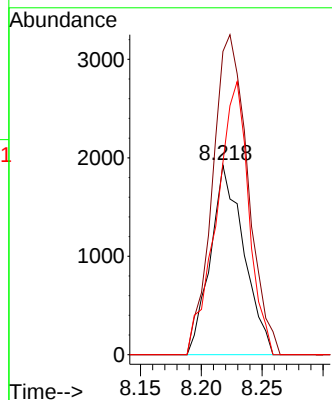
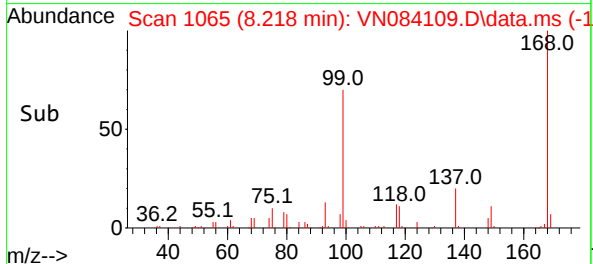


#31
Cyclohexane
Concen: 1.130 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW17811-20240911DL

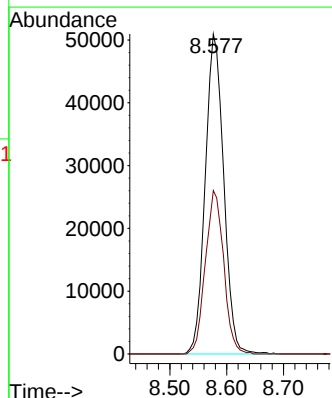
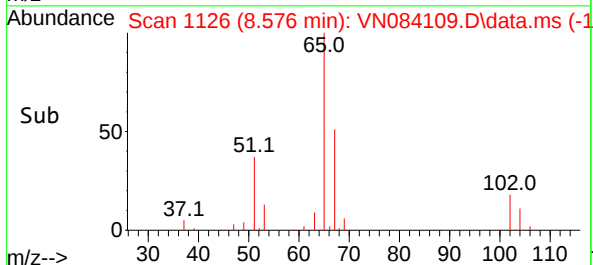
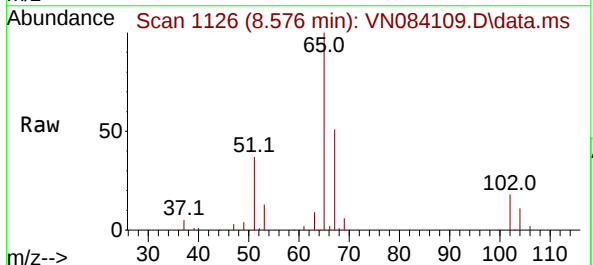


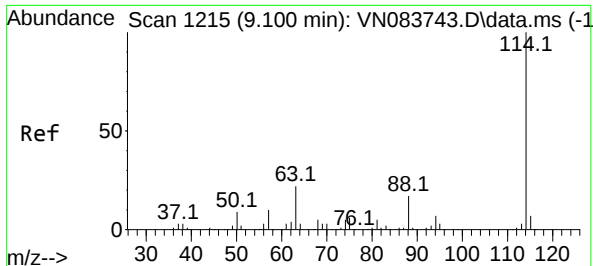
Tgt Ion: 56 Resp: 3665
Ion Ratio Lower Upper
56 100
69 160.1 26.9 40.3#
84 101.5 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 51.180 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

Tgt Ion: 65 Resp: 114871
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8

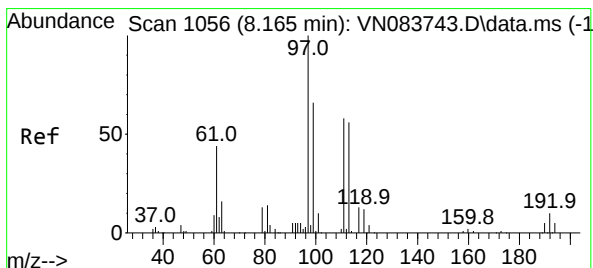
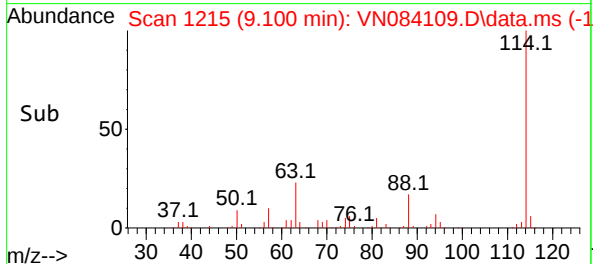
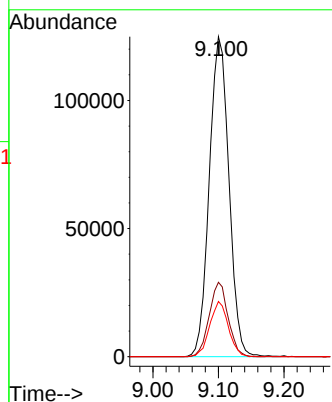
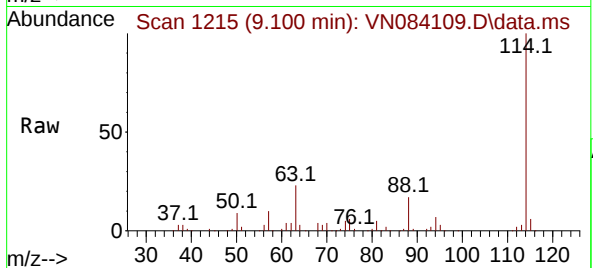




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

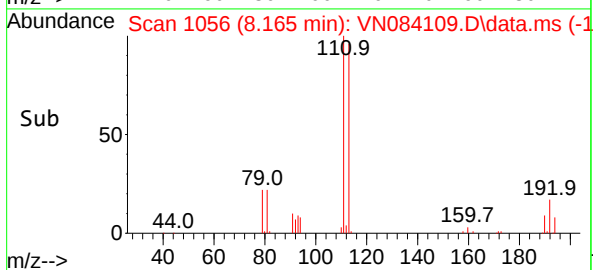
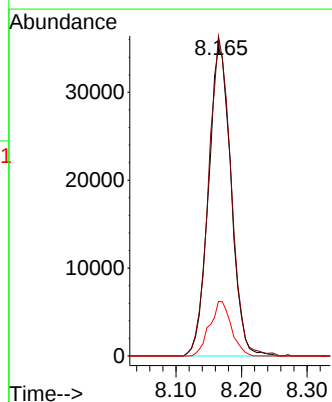
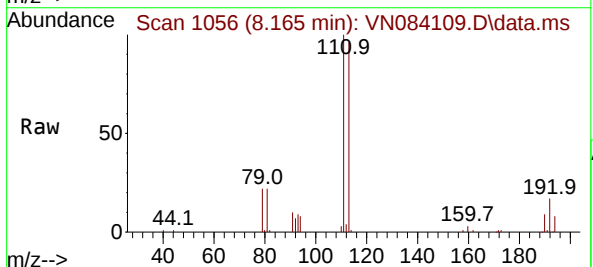
Instrument :
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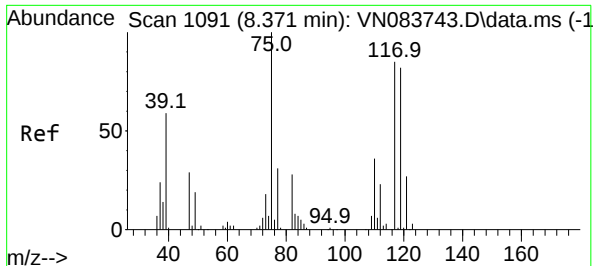
Tgt Ion:114 Resp: 259632
Ion Ratio Lower Upper
114 100
63 23.2 0.0 43.4
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.762 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

Tgt Ion:113 Resp: 84373
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 16.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.641 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084109.D

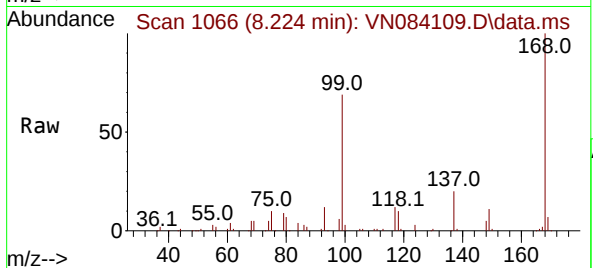
Acq: 23 Sep 2024 14:41

Instrument :

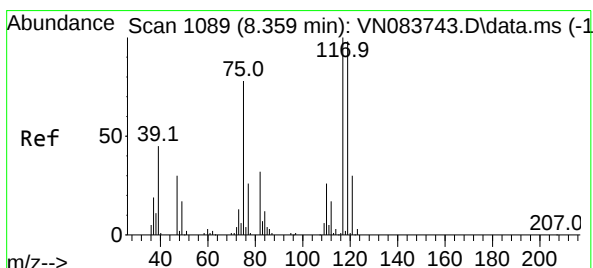
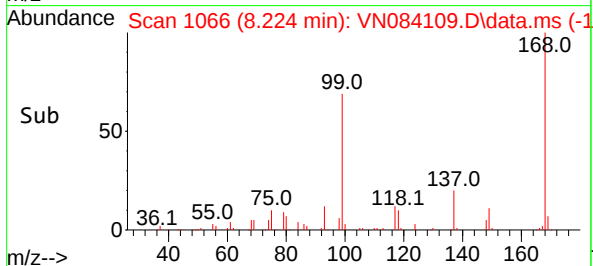
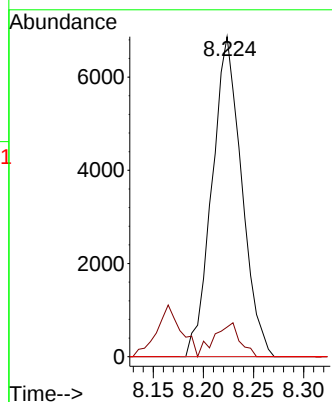
MSVOA_N

ClientSampleId :

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Tgt Ion:	75	Resp:	14113
Ion Ratio	Lower	Upper	
75	100		
110	9.1	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.056 ug/l

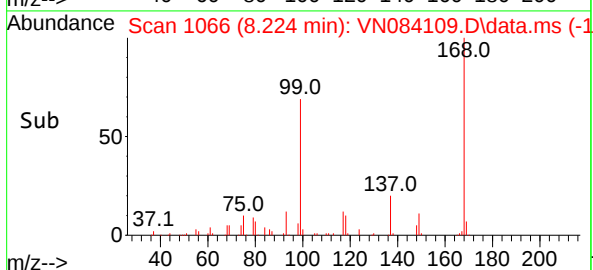
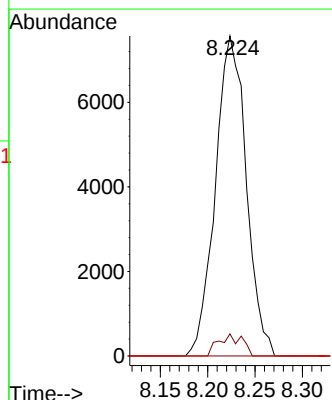
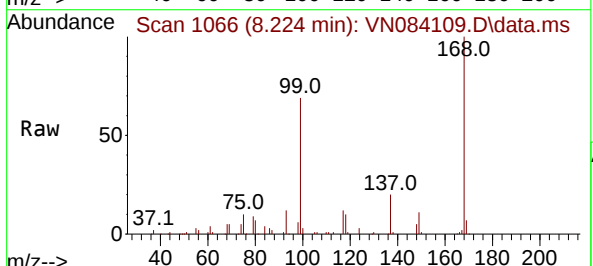
RT: 8.224 min Scan# 1066

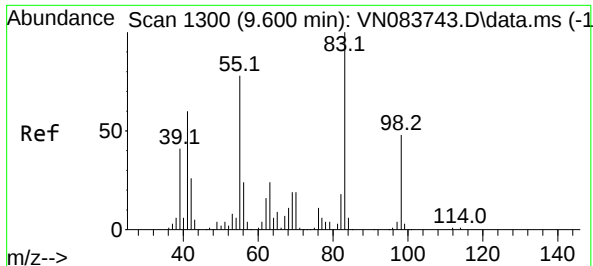
Delta R.T. -0.135 min

Lab File: VN084109.D

Acq: 23 Sep 2024 14:41

Tgt Ion:	117	Resp:	17188
Ion Ratio	Lower	Upper	
117	100		
119	6.9	76.1	114.1#
121	0.0	24.1	36.1#





#39

Methylcyclohexane

Concen: 0.344 ug/l

RT: 9.359 min Scan# 1125

Delta R.T. -0.241 min

Lab File: VN084109.D

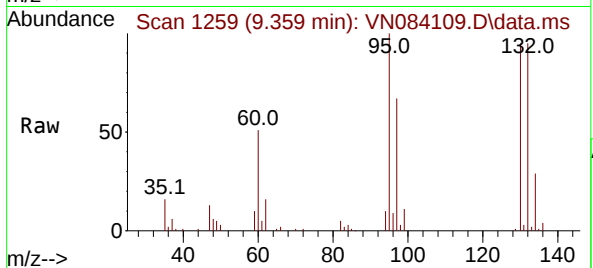
Acq: 23 Sep 2024 14:41

Instrument :

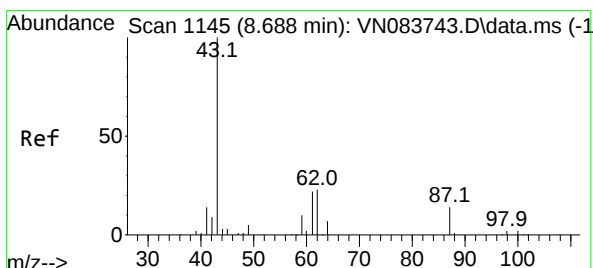
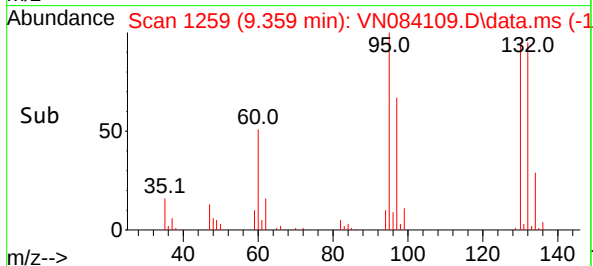
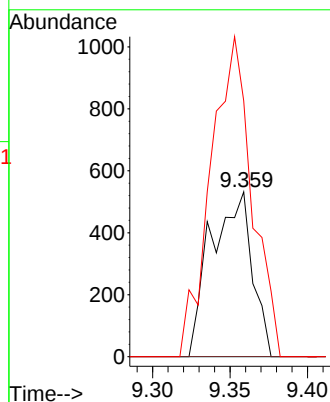
MSVOA_N

ClientSampleId :

MW17811-20240911DL



Tgt Ion:	83	Resp:	979
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.2	93.4#
98	155.3	37.6	56.4#



#43

Isopropyl Acetate

Concen: 0.986 ug/l

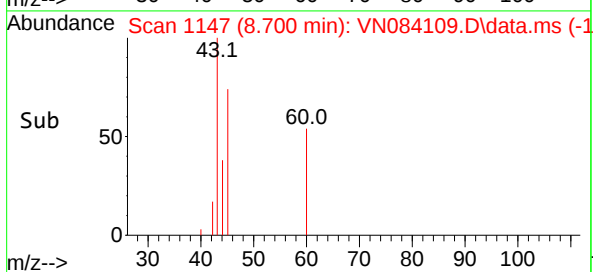
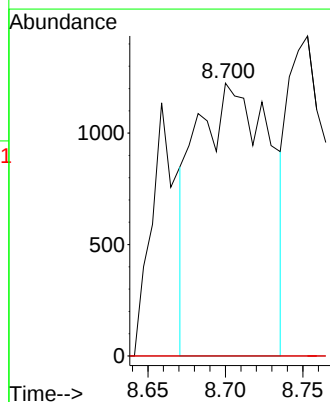
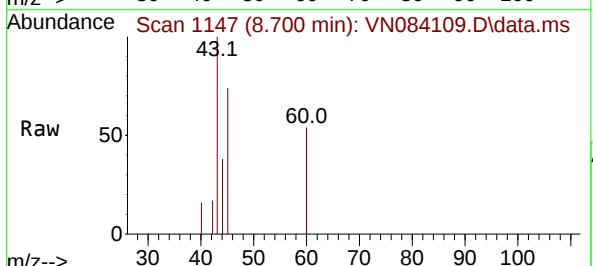
RT: 8.700 min Scan# 1147

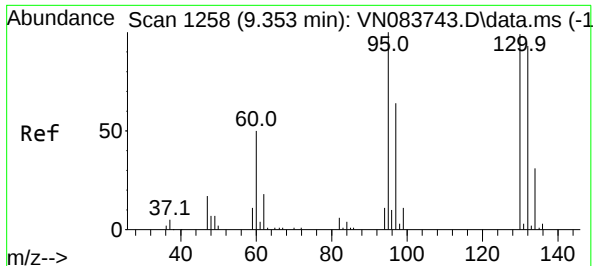
Delta R.T. 0.012 min

Lab File: VN084109.D

Acq: 23 Sep 2024 14:41

Tgt Ion:	43	Resp:	4058
Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.4	29.0#
87	0.0	9.8	14.6#

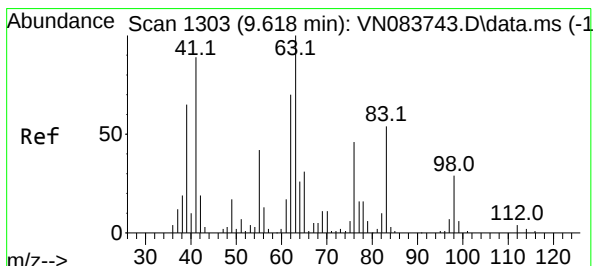
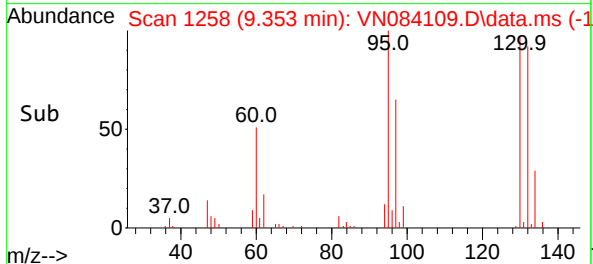
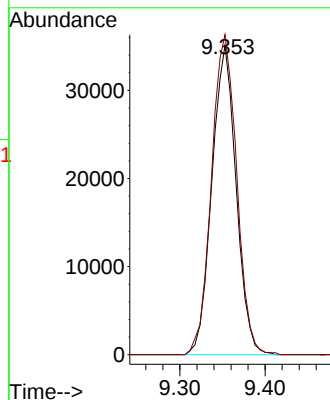
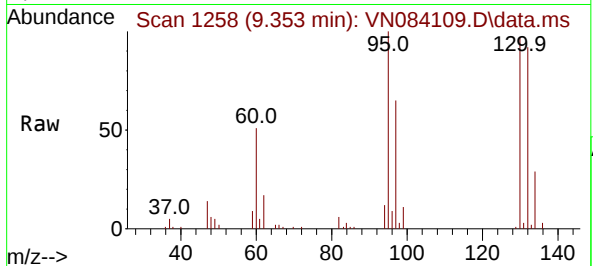




#44
Trichloroethene
Concen: 39.773 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

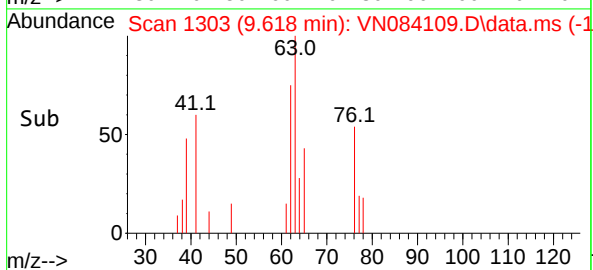
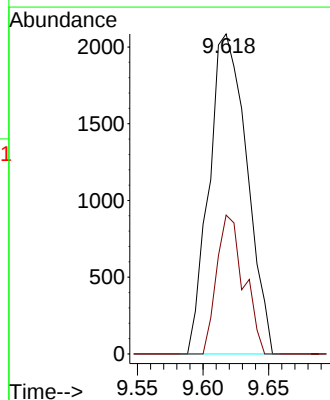
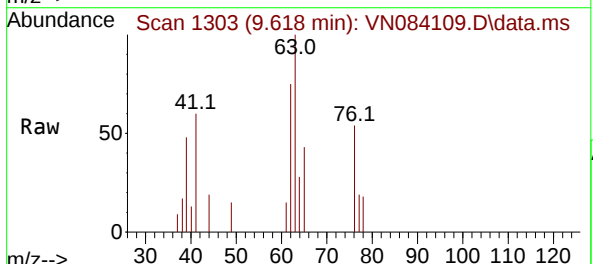
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20240911DL

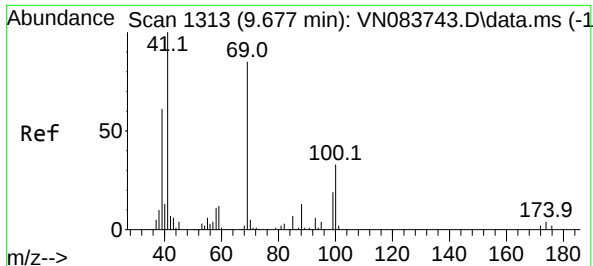
Tgt Ion:130 Resp: 69354
Ion Ratio Lower Upper
130 100
95 103.5 0.0 200.4



#45
1,2-Dichloropropane
Concen: 2.297 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

Tgt Ion: 63 Resp: 4181
Ion Ratio Lower Upper
63 100
65 43.4 25.9 38.9#





#48

Methyl methacrylate

Concen: 1.393 ug/l

RT: 9.623 min Scan# 1

Delta R.T. -0.053 min

Lab File: VN084109.D

Acq: 23 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW17811-20240911DL

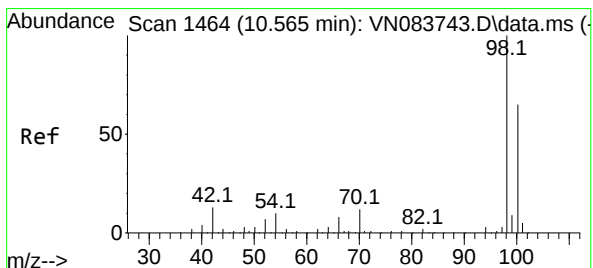
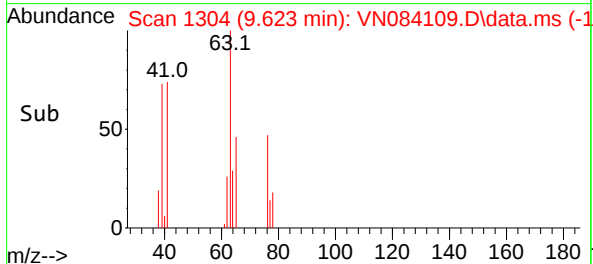
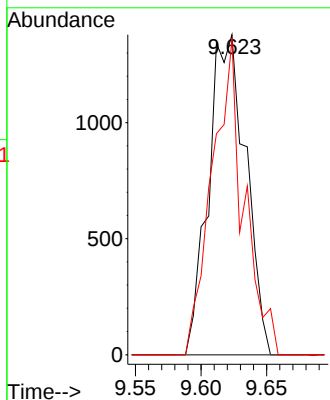
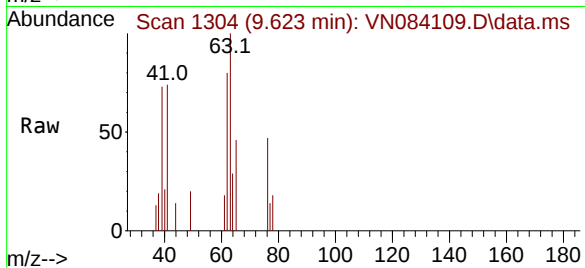
Tgt Ion: 41 Resp: 2719

Ion Ratio Lower Upper

41 100

69 0.0 64.3 96.5#

39 84.5 48.9 73.3#



#50

Toluene-d8

Concen: 54.442 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084109.D

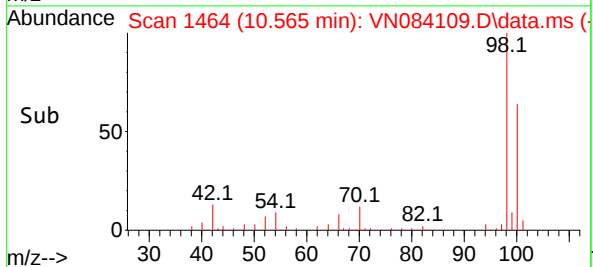
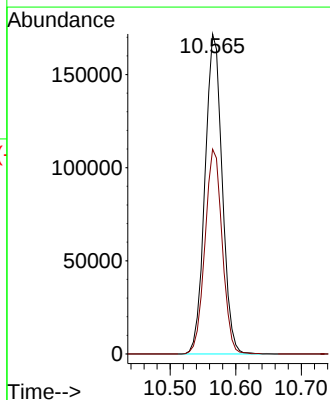
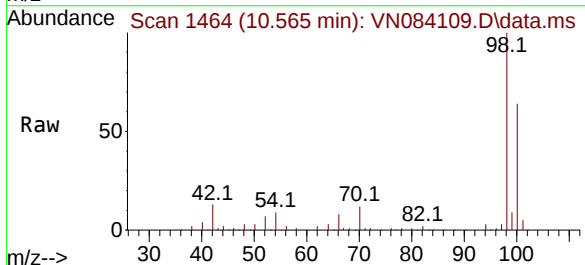
Acq: 23 Sep 2024 14:41

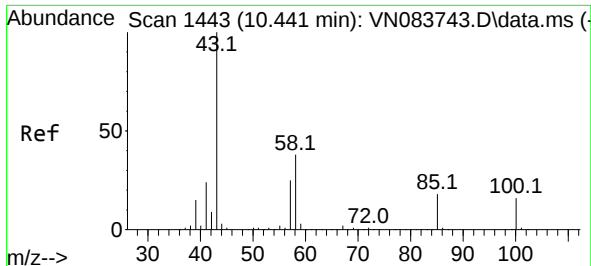
Tgt Ion: 98 Resp: 312830

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.705 ug/l

RT: 10.559 min Scan# 14

Delta R.T. 0.118 min

Lab File: VN084109.D

Acq: 23 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

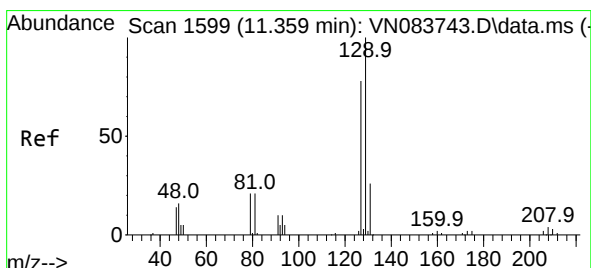
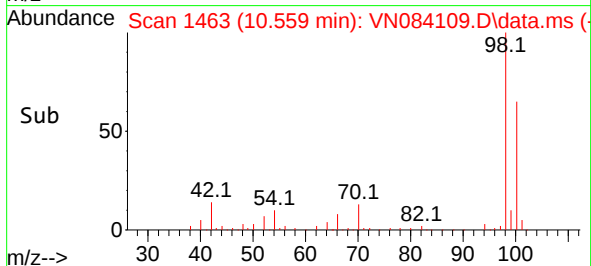
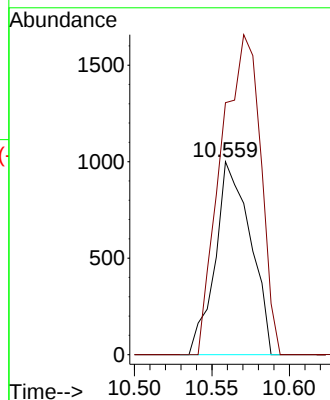
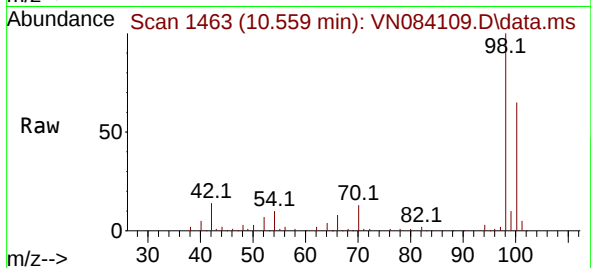
MW17811-20240911DL

Tgt Ion: 43 Resp: 1580

Ion Ratio Lower Upper

43 100

58 186.0 31.6 47.4#



#60

Dibromochloromethane

Concen: 2.294 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.259 min

Lab File: VN084109.D

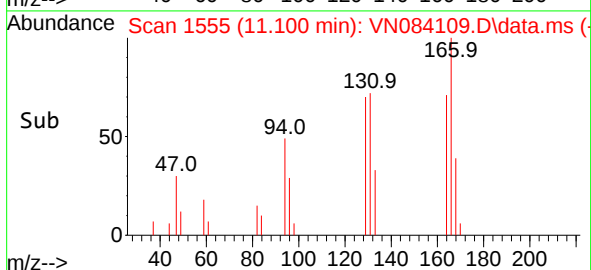
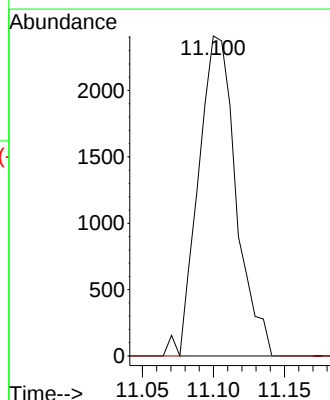
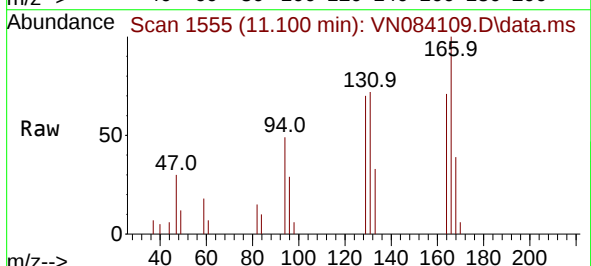
Acq: 23 Sep 2024 14:41

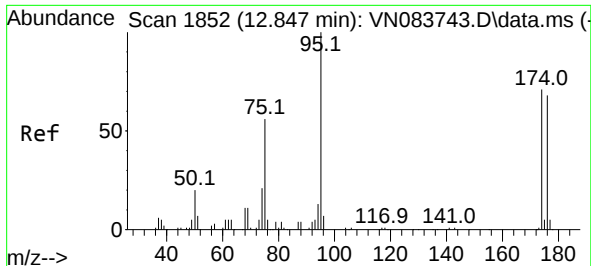
Tgt Ion: 129 Resp: 4415

Ion Ratio Lower Upper

129 100

127 0.0 39.0 116.9#





#62

4-Bromofluorobenzene

Concen: 43.946 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084109.D

Acq: 23 Sep 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW17811-20240911DL

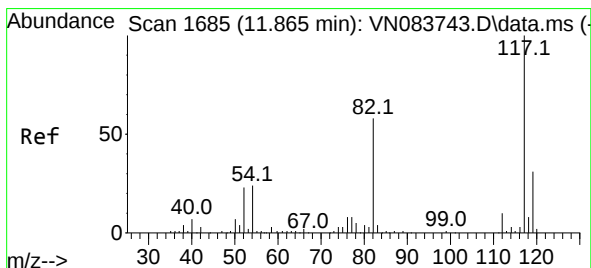
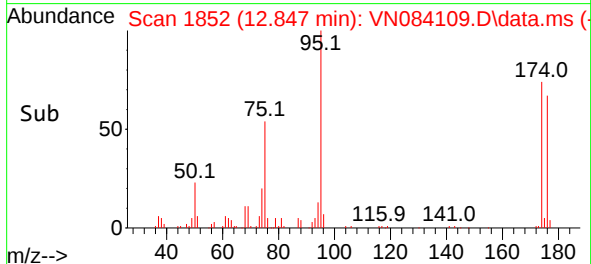
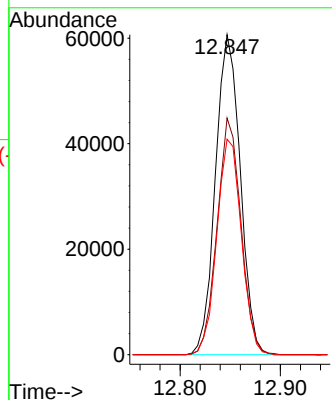
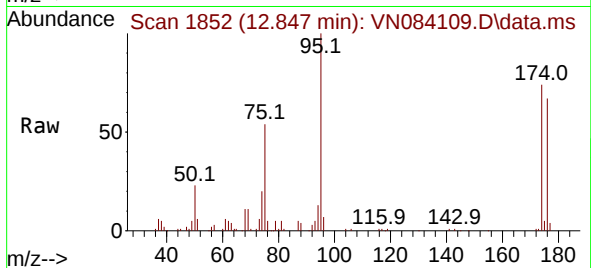
Tgt Ion: 95 Resp: 104183

Ion Ratio Lower Upper

95 100

174 71.2 0.0 139.8

176 66.7 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: VN084109.D

Acq: 23 Sep 2024 14:41

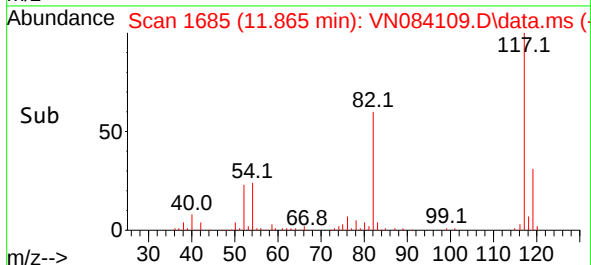
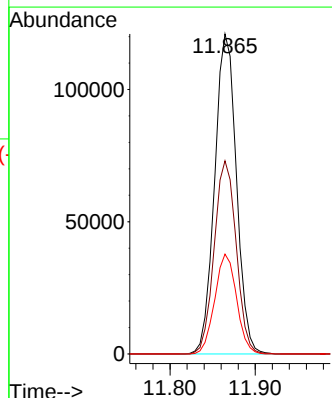
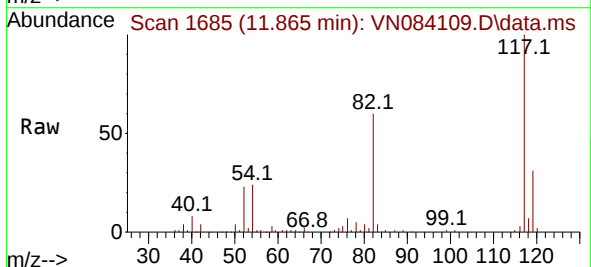
Tgt Ion: 117 Resp: 214930

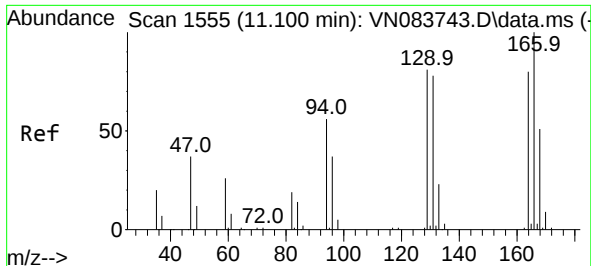
Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.0

119 31.2 26.3 39.5



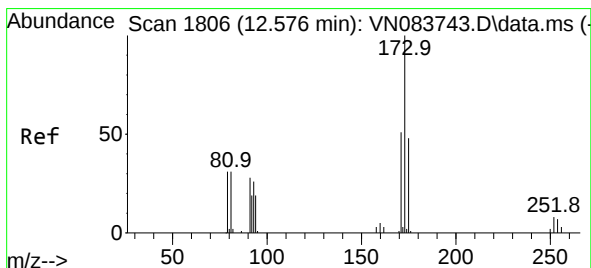
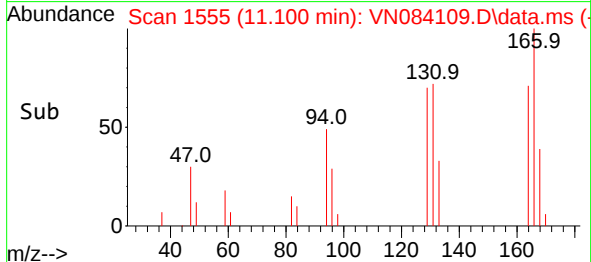
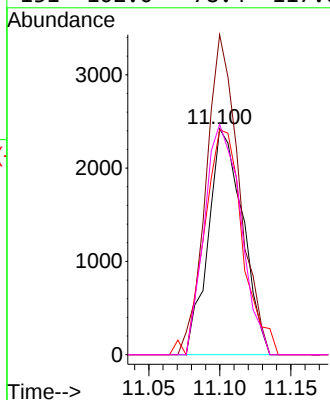
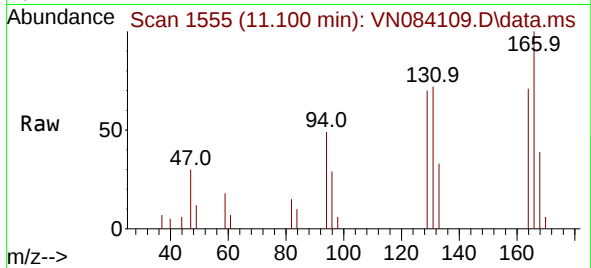


#64
Tetrachloroethene
Concen: 2.868 ug/l
RT: 11.100 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW178I1-20240911DL

Tgt Ion:164 Resp: 4099

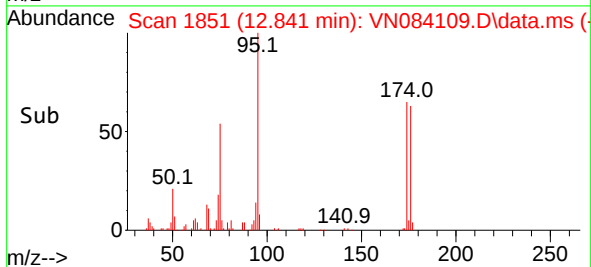
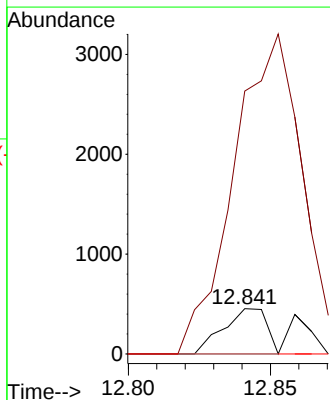
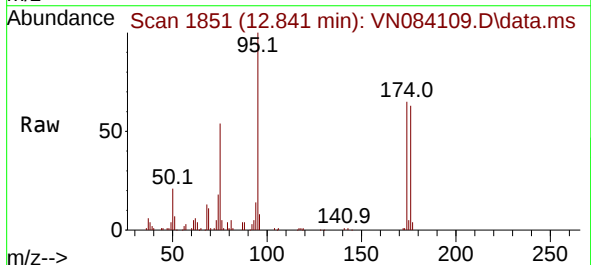
Ion	Ratio	Lower	Upper
164	100		
166	141.6	103.7	155.5
129	99.5	79.9	119.9
131	102.0	78.4	117.6

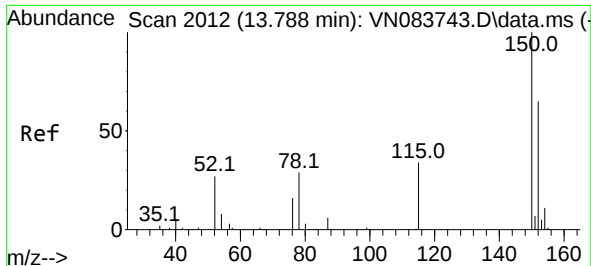


#71
Bromoform
Concen: 0.431 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

Tgt Ion:173 Resp: 481

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0

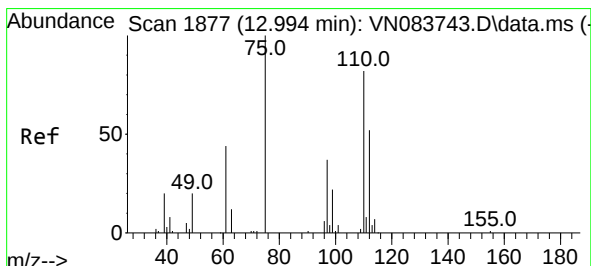
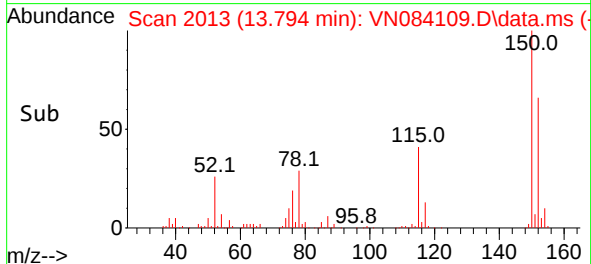
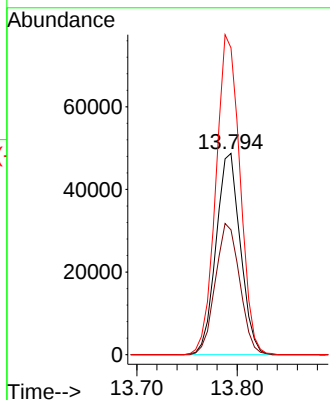
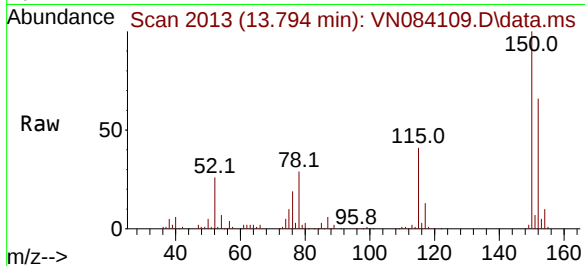




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

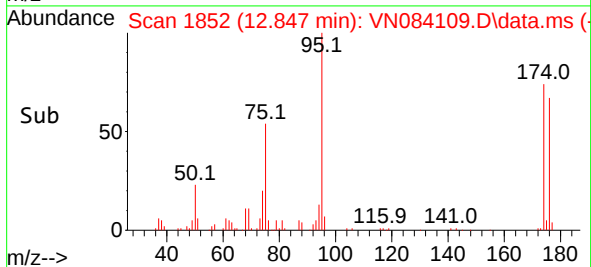
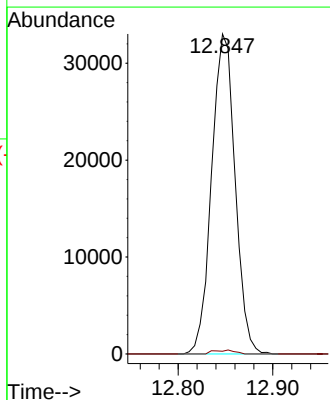
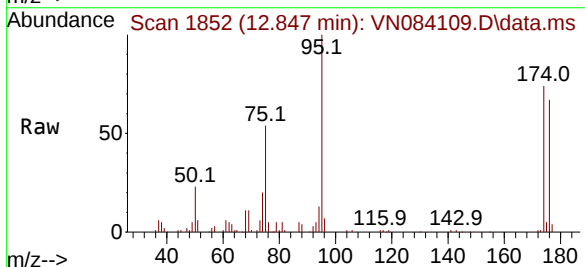
Instrument :
MSVOA_N
ClientSampleId :
MW17811-20240911DL

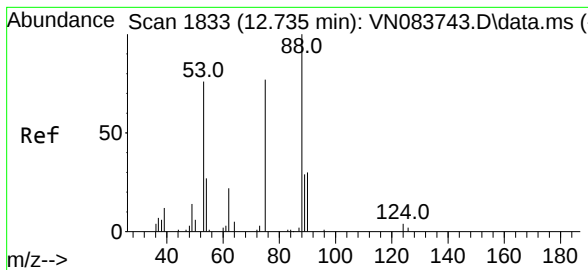
Tgt Ion:152 Resp: 81957
Ion Ratio Lower Upper
152 100
115 65.6 32.2 96.6
150 157.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 34.370 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084109.D
Acq: 23 Sep 2024 14:41

Tgt Ion: 75 Resp: 56839
Ion Ratio Lower Upper
75 100
77 1.1 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.018 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084109.D
 Acq: 23 Sep 2024 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178I1-20240911DL

Tgt Ion: 75 Resp: 56839
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

