

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084038.D
 Acq On : 19 Sep 2024 16:52
 Operator : JC\MD
 Sample : P4003-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW178S-20240911

Quant Time: Sep 20 01:33:36 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)

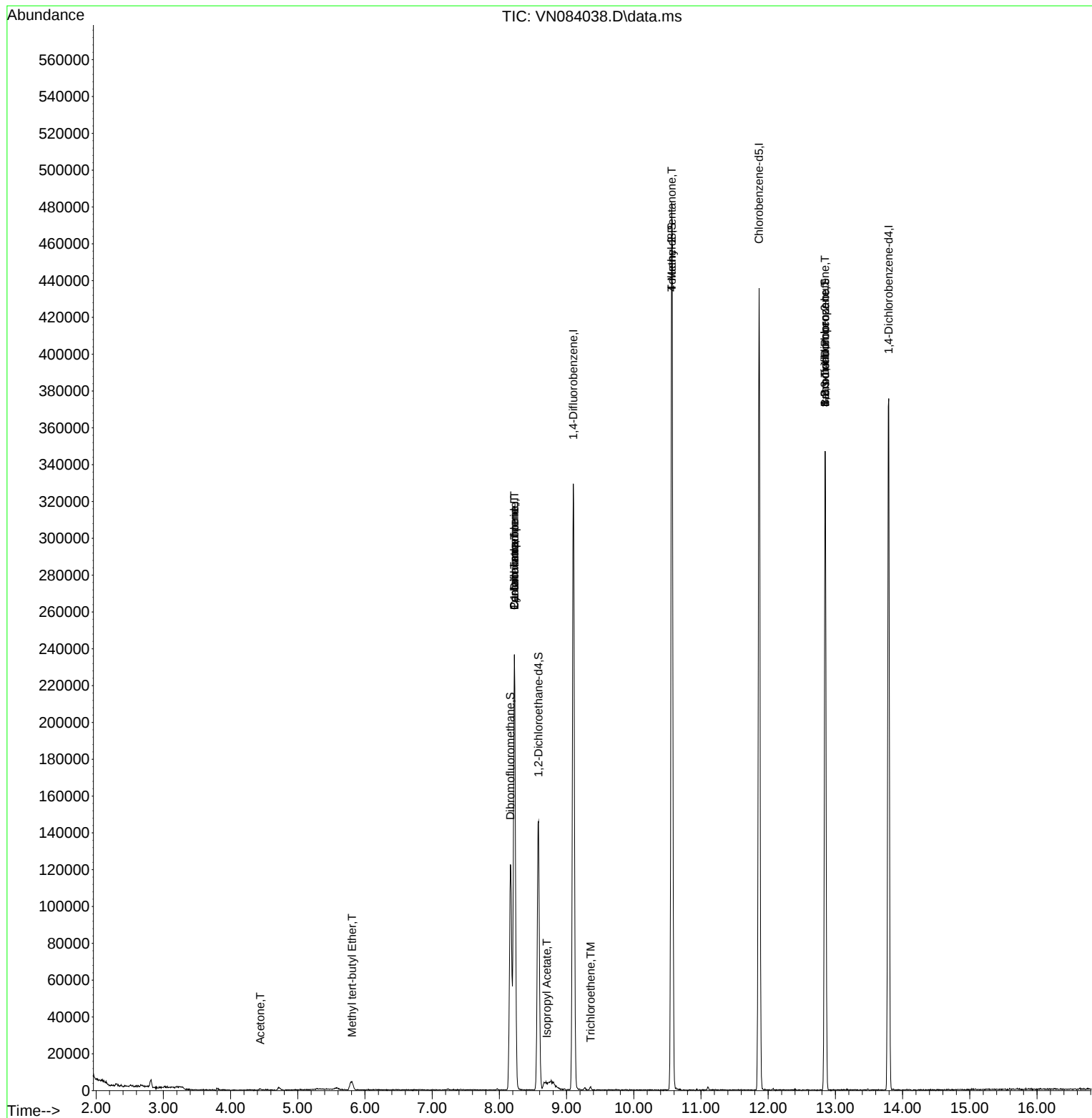
Internal Standards						
1) Pentafluorobenzene	8.224	168	155829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125299	53.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.660%			
35) Dibromofluoromethane	8.165	113	86654	49.606	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.220%			
50) Toluene-d8	10.565	98	322764	53.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.900%			
62) 4-Bromofluorobenzene	12.847	95	117878	47.312	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.620%			
Target Compounds						
3) Chloromethane	2.371	50	409	Below Cal	#	41
16) Acetone	4.442	43	947	1.005	ug/l #	45
18) Methyl Acetate	5.030	43	197	Below Cal	#	52
19) Methyl tert-butyl Ether	5.806	73	7617	1.249	ug/l	99
31) Cyclohexane	8.224	56	4333	1.276	ug/l #	40
36) 1,1-Dichloropropene	8.224	75	14336	5.453	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18329	6.145	ug/l #	16
43) Isopropyl Acetate	8.706	43	1180	0.273	ug/l #	57
44) Trichloroethene	9.359	130	525	0.286	ug/l	28
51) 4-Methyl-2-Pentanone	10.565	43	1690	0.718	ug/l #	1
71) Bromoform	12.847	173	503	0.422	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68071	34.742	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68071	90.993	ug/l #	9

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

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Quant Time: Sep 20 01:33:36 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

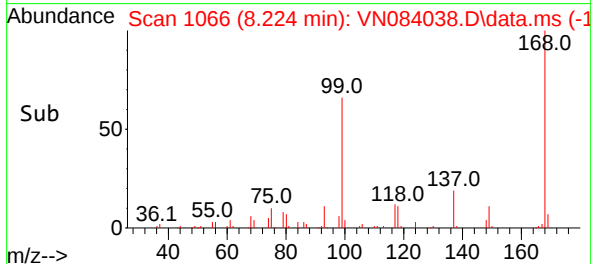
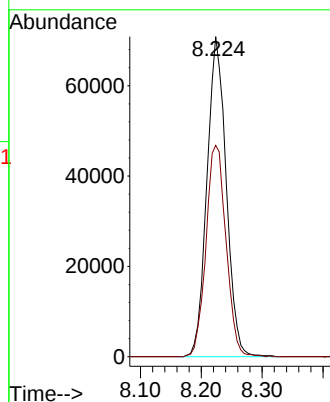
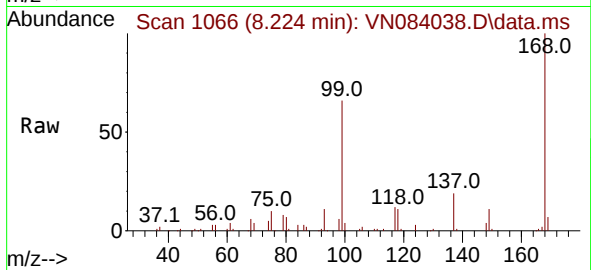




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

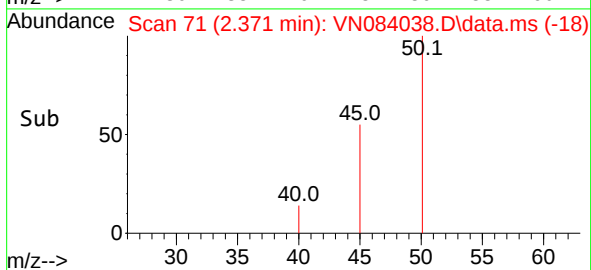
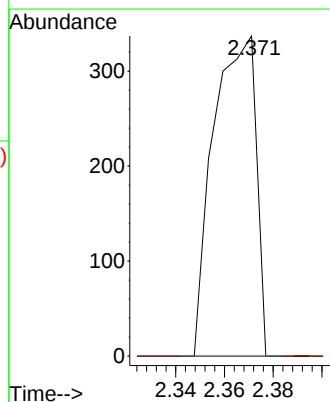
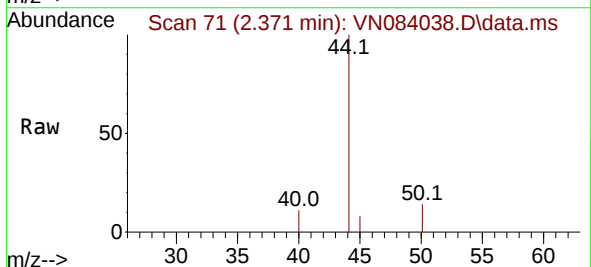
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20240911

Tgt Ion:168 Resp: 155829
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Tgt Ion: 50 Resp: 409
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

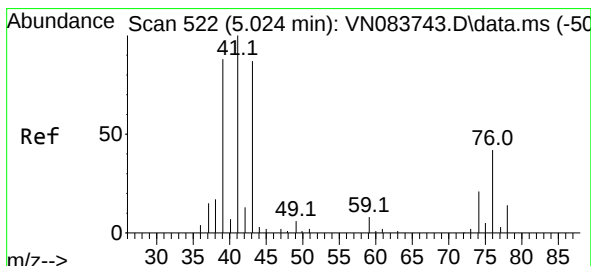
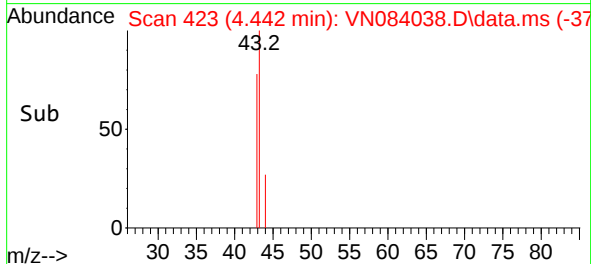
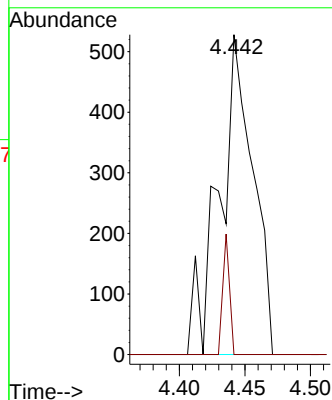
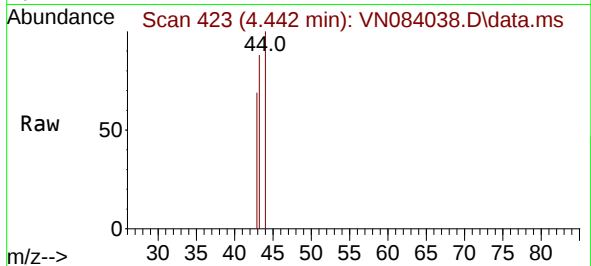




#16
Acetone
Concen: 1.005 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

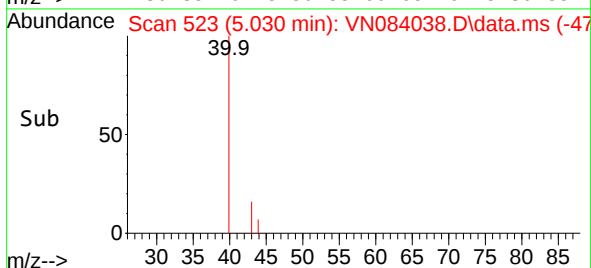
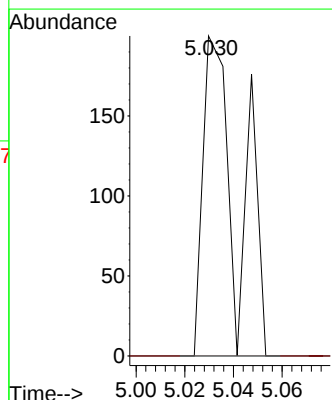
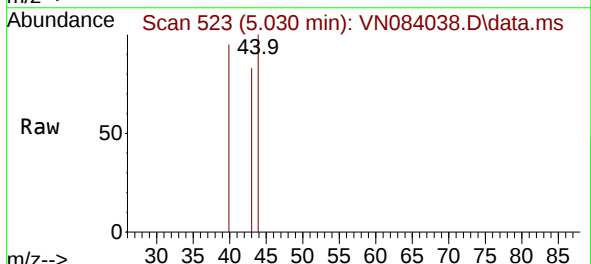
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20240911

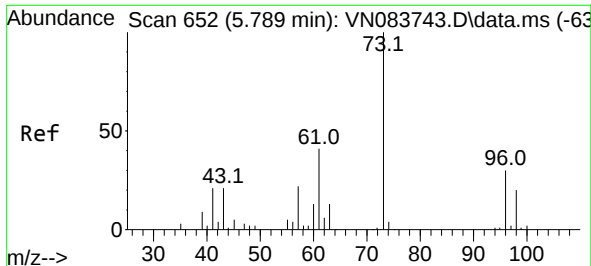
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Tgt Ion: 43 Resp: 197
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

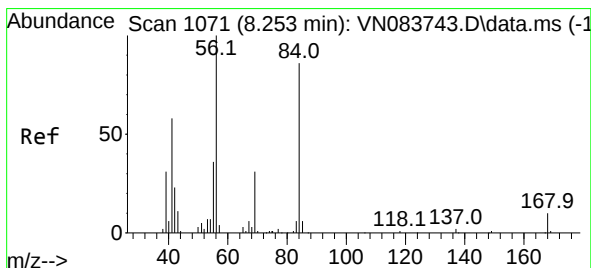
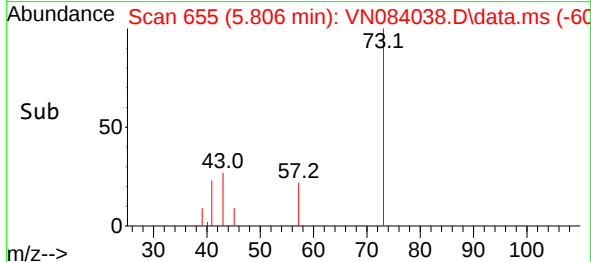
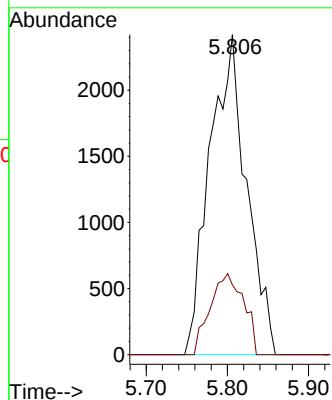
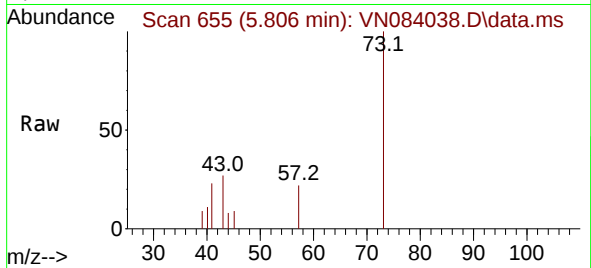




#19
Methyl tert-butyl Ether
Concen: 1.249 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

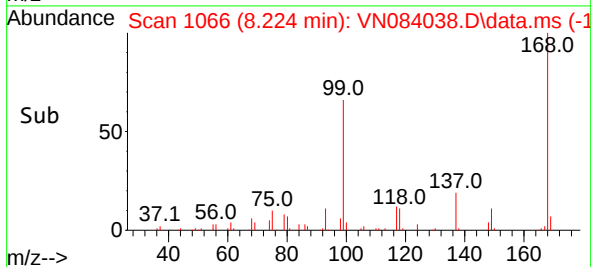
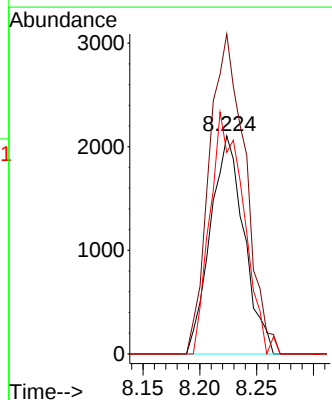
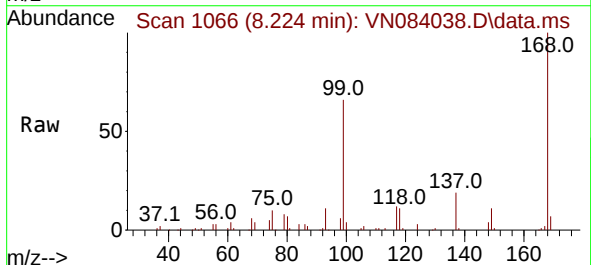
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20240911

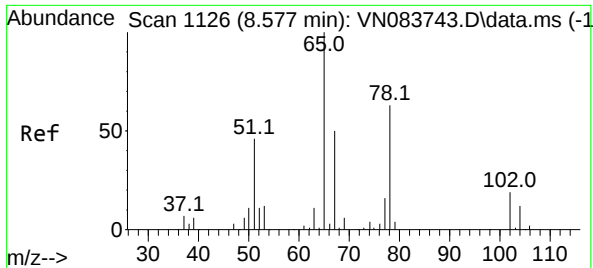
Tgt Ion: 73 Resp: 7617
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Tgt Ion: 56 Resp: 4333
Ion Ratio Lower Upper
56 100
69 146.8 26.9 40.3#
84 92.5 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 53.326 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084038.D

Acq: 19 Sep 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

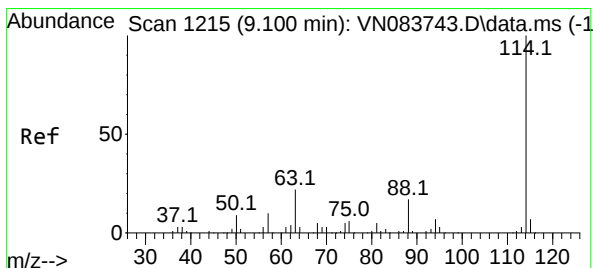
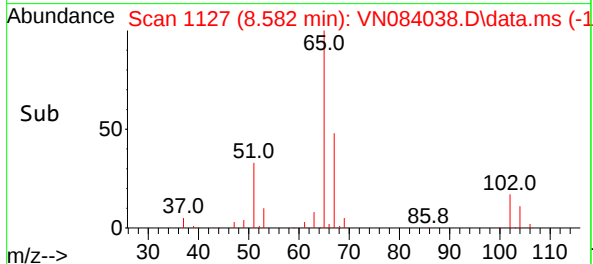
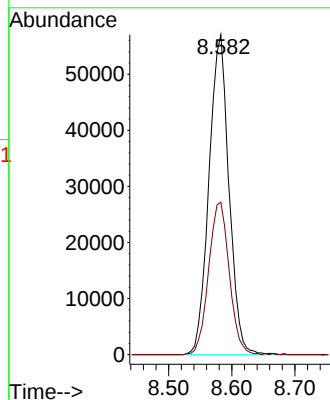
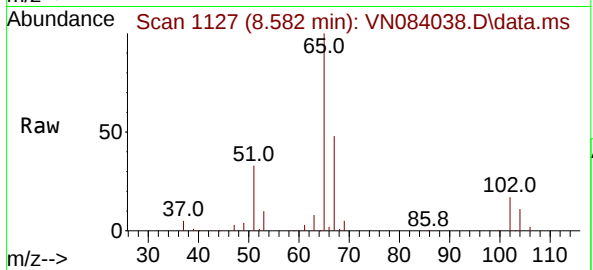
MW178S-20240911

Tgt Ion: 65 Resp: 125299

Ion Ratio Lower Upper

65 100

67 49.2 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: VN084038.D

Acq: 19 Sep 2024 16:52

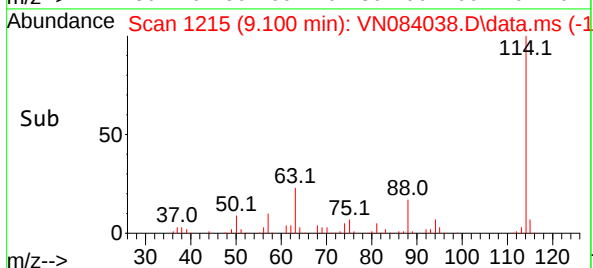
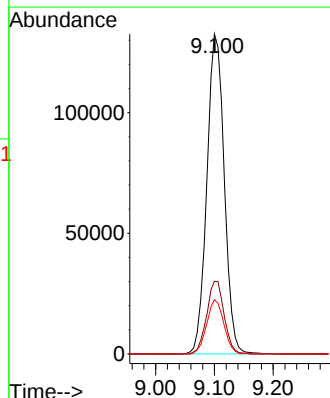
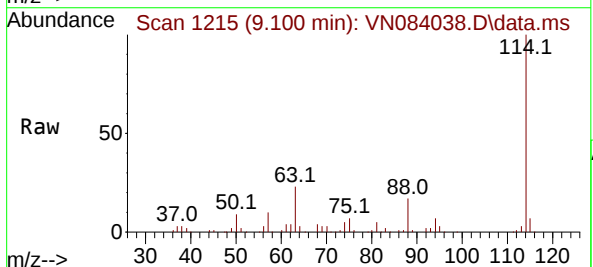
Tgt Ion: 114 Resp: 272864

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.606 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084038.D

Acq: 19 Sep 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

MW178S-20240911

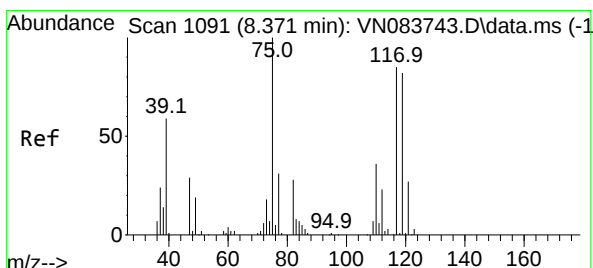
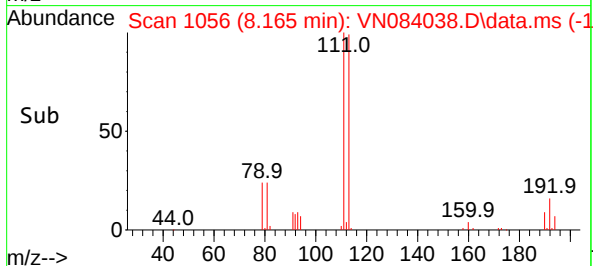
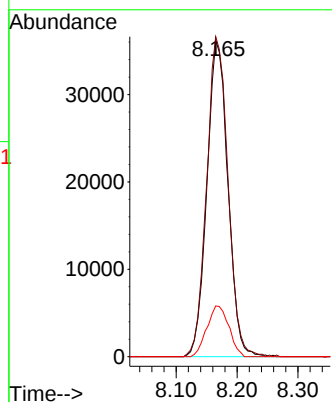
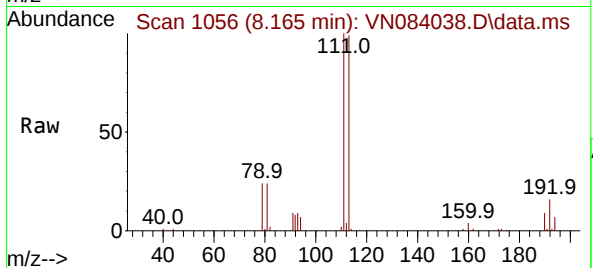
Tgt Ion:113 Resp: 86654

Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 16.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.453 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084038.D

Acq: 19 Sep 2024 16:52

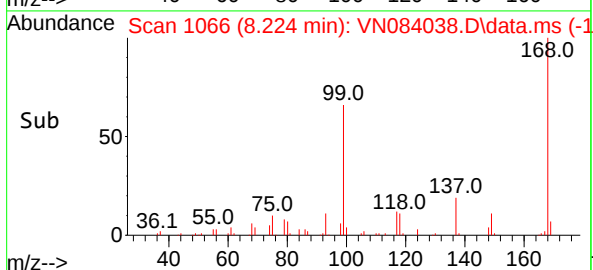
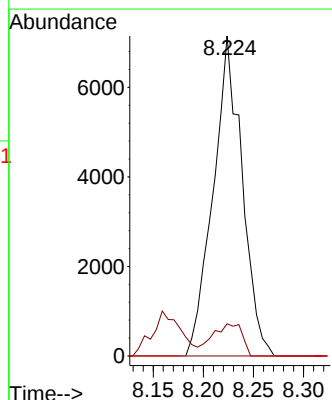
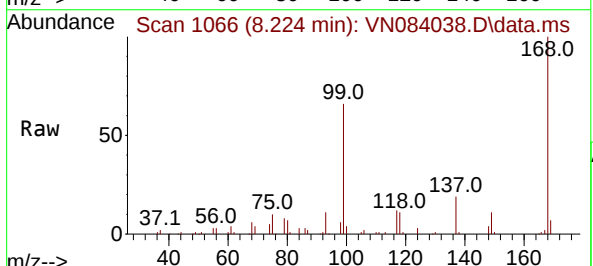
Tgt Ion: 75 Resp: 14336

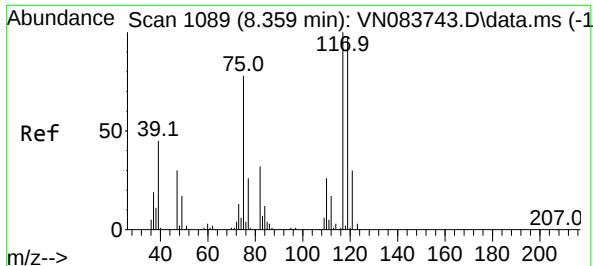
Ion Ratio Lower Upper

75 100

110 10.3 16.7 50.1#

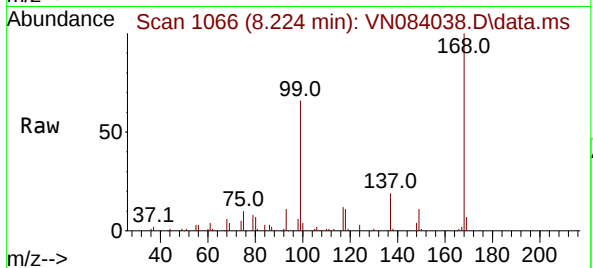
77 0.0 25.2 37.8#



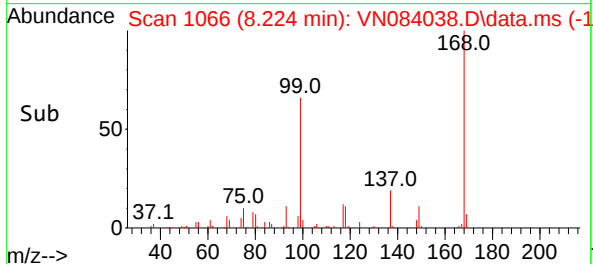
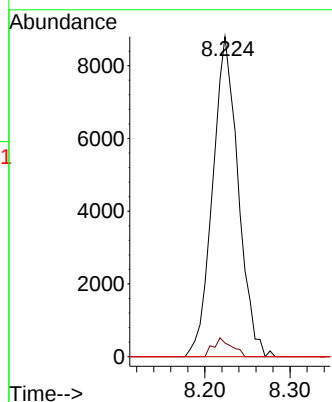


#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :
MW178S-20240911

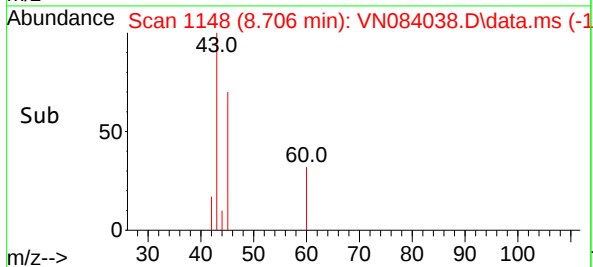
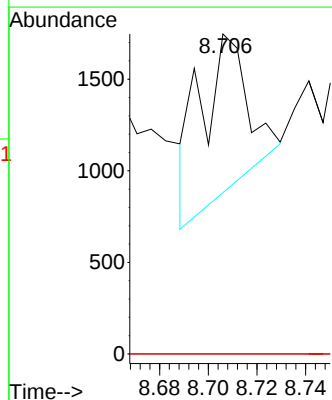
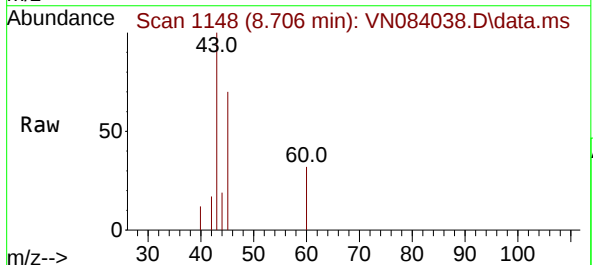


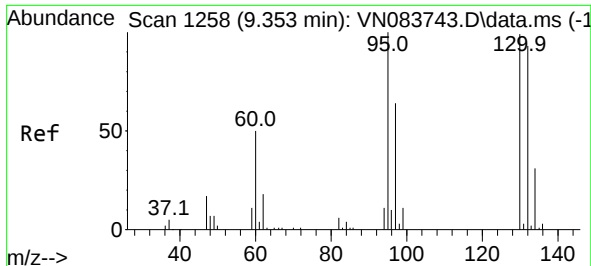
Tgt Ion:117 Resp: 18329
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.273 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

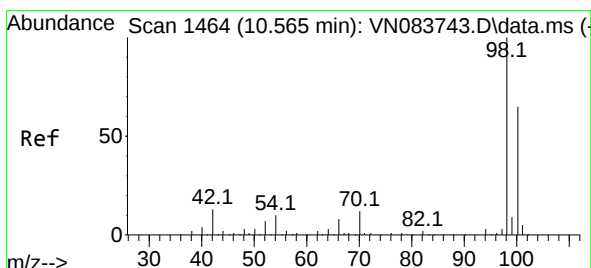
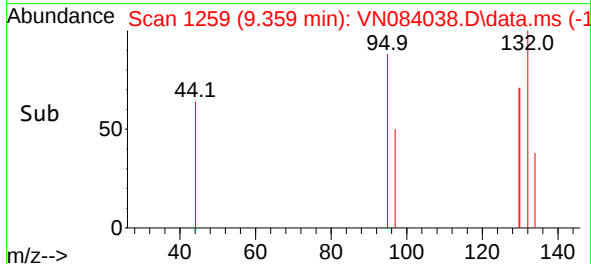
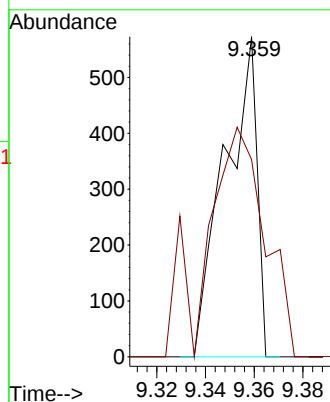
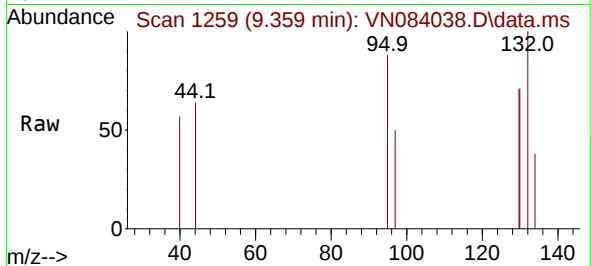




#44
Trichloroethene
Concen: 0.286 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

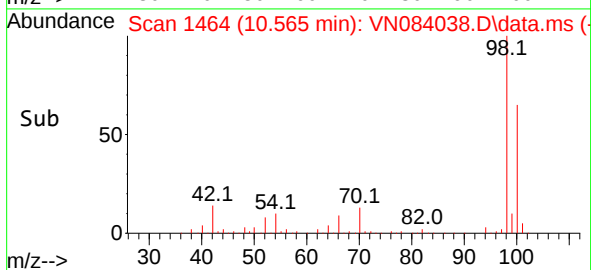
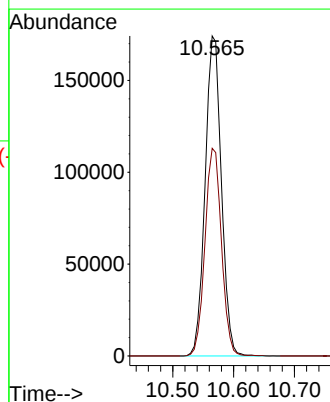
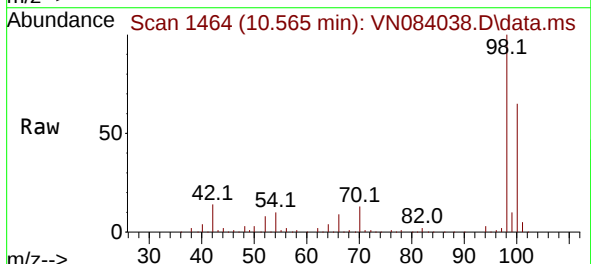
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20240911

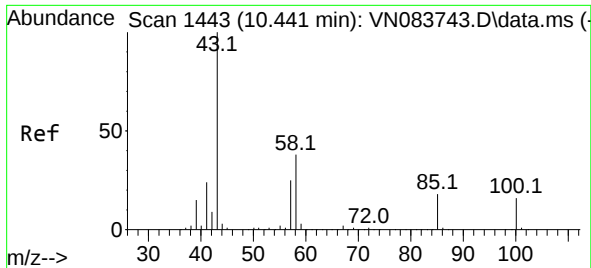
Tgt Ion:130 Resp: 525
Ion Ratio Lower Upper
130 100
95 28.1 0.0 200.4



#50
Toluene-d8
Concen: 53.447 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Tgt Ion: 98 Resp: 322764
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

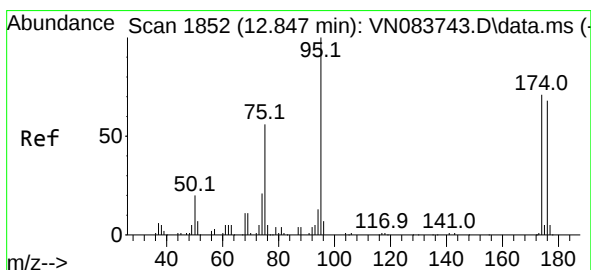
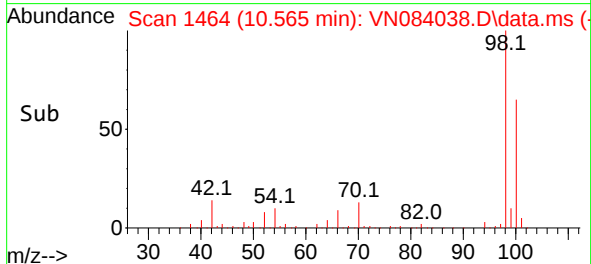
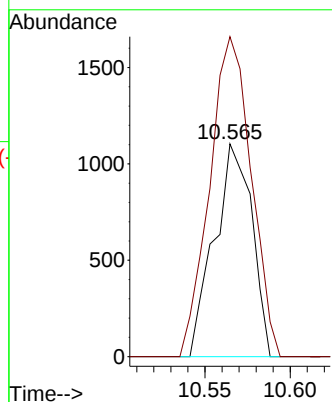
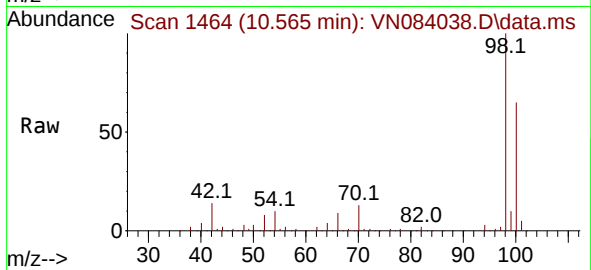




#51
4-Methyl-2-Pentanone
Concen: 0.718 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

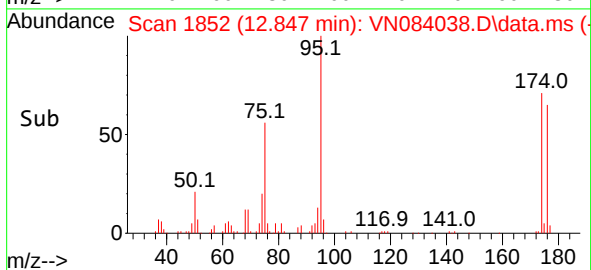
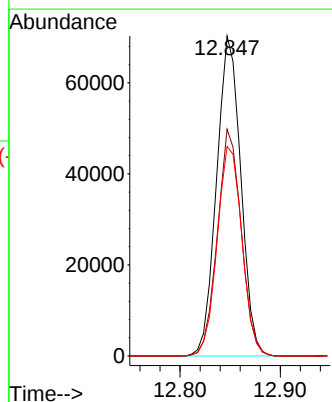
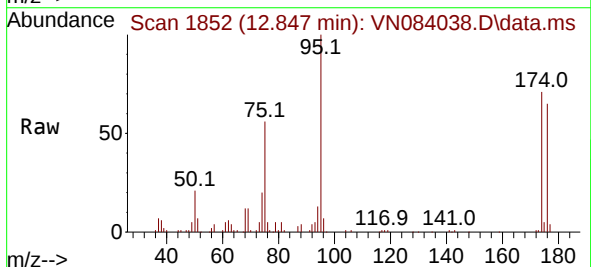
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20240911

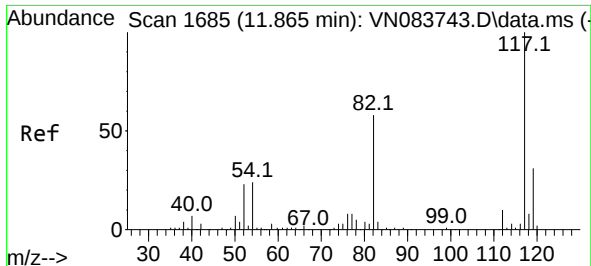
Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
58 166.7 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 47.312 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Tgt Ion: 95 Resp: 117878
Ion Ratio Lower Upper
95 100
174 69.8 0.0 139.8
176 67.0 0.0 131.4

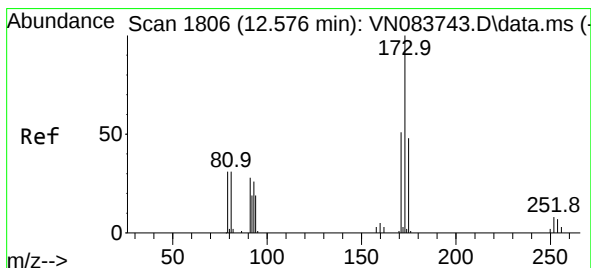
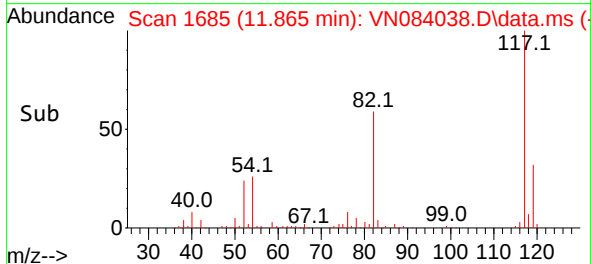
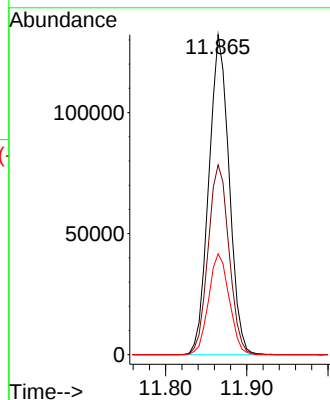
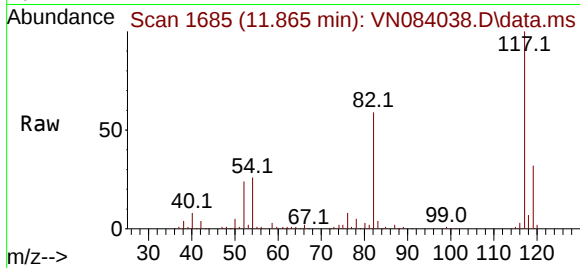




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

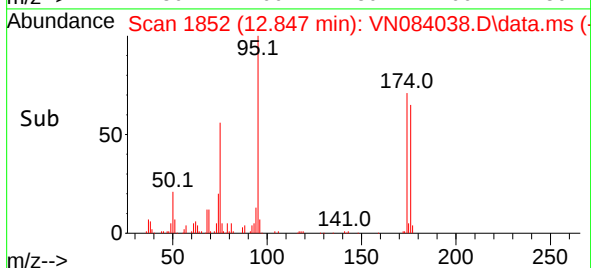
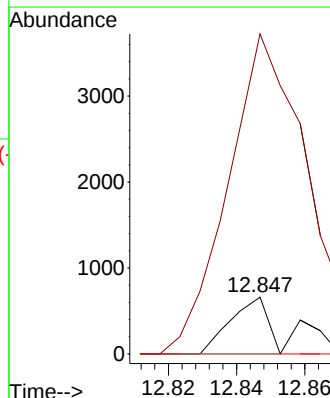
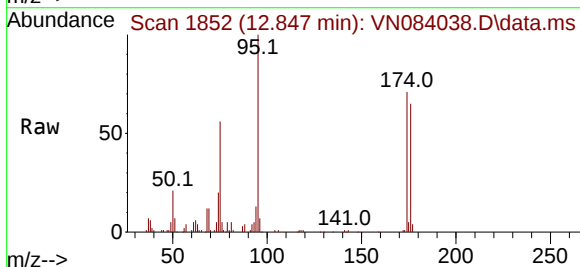
Instrument :
MSVOA_N
ClientSampleId :
MW178S-20240911

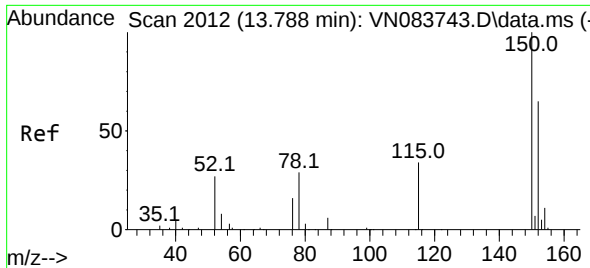
Tgt Ion:117 Resp: 229497
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 31.5 26.3 39.5



#71
Bromoform
Concen: 0.422 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Tgt Ion:173 Resp: 503
Ion Ratio Lower Upper
173 100
175 838.4 24.1 72.2#
254 0.0 0.0 0.0

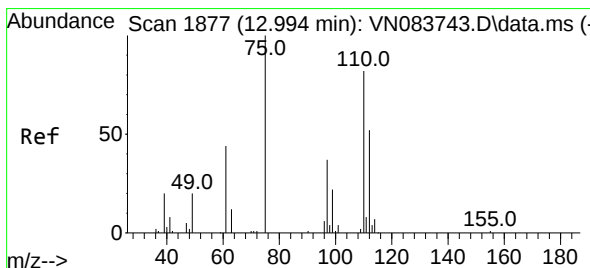
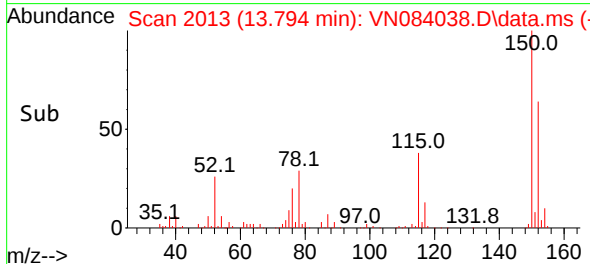
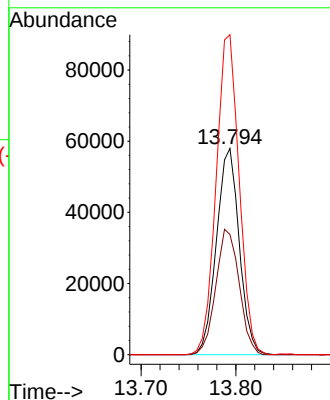
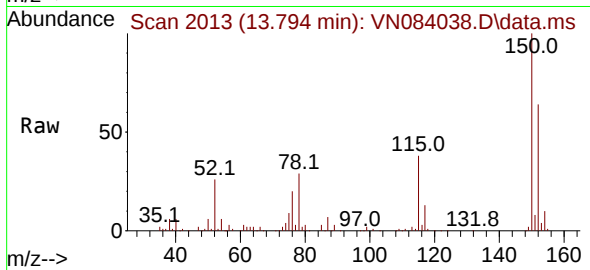




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084038.D
 Acq: 19 Sep 2024 16:52

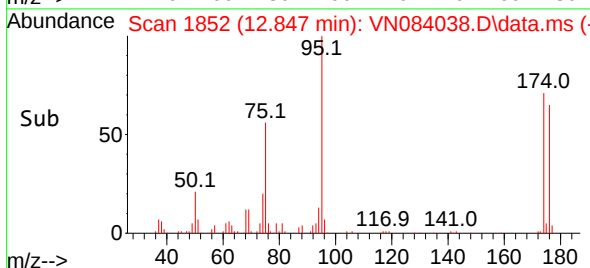
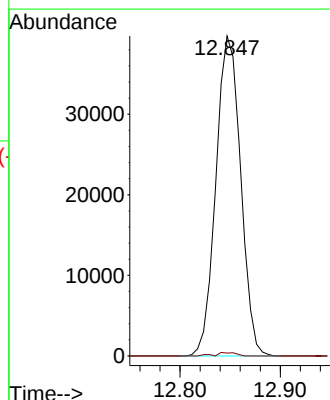
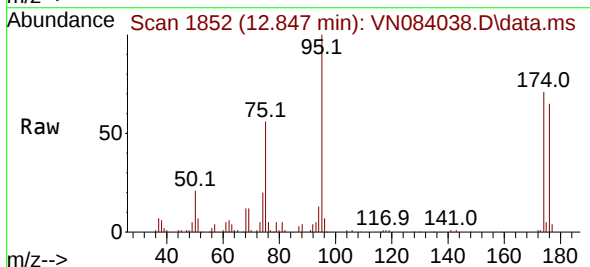
Instrument :
 MSVOA_N
 ClientSampleId :
 MW178S-20240911

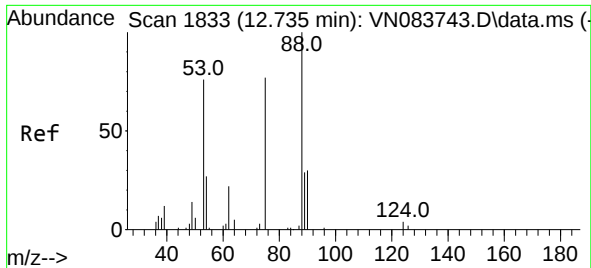
Tgt Ion:152 Resp: 97101
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.2 96.6
 150 156.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.742 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084038.D
 Acq: 19 Sep 2024 16:52

Tgt Ion: 75 Resp: 68071
 Ion Ratio Lower Upper
 75 100
 77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.993 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084038.D
Acq: 19 Sep 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :
MW178S-20240911

Tgt Ion: 75 Resp: 68071
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

