

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083921.D
 Acq On : 16 Sep 2024 16:39
 Operator : JC\MD
 Sample : P3886-01DL 400X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-6.5-090624DL

Quant Time: Sep 17 02:34:49 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)

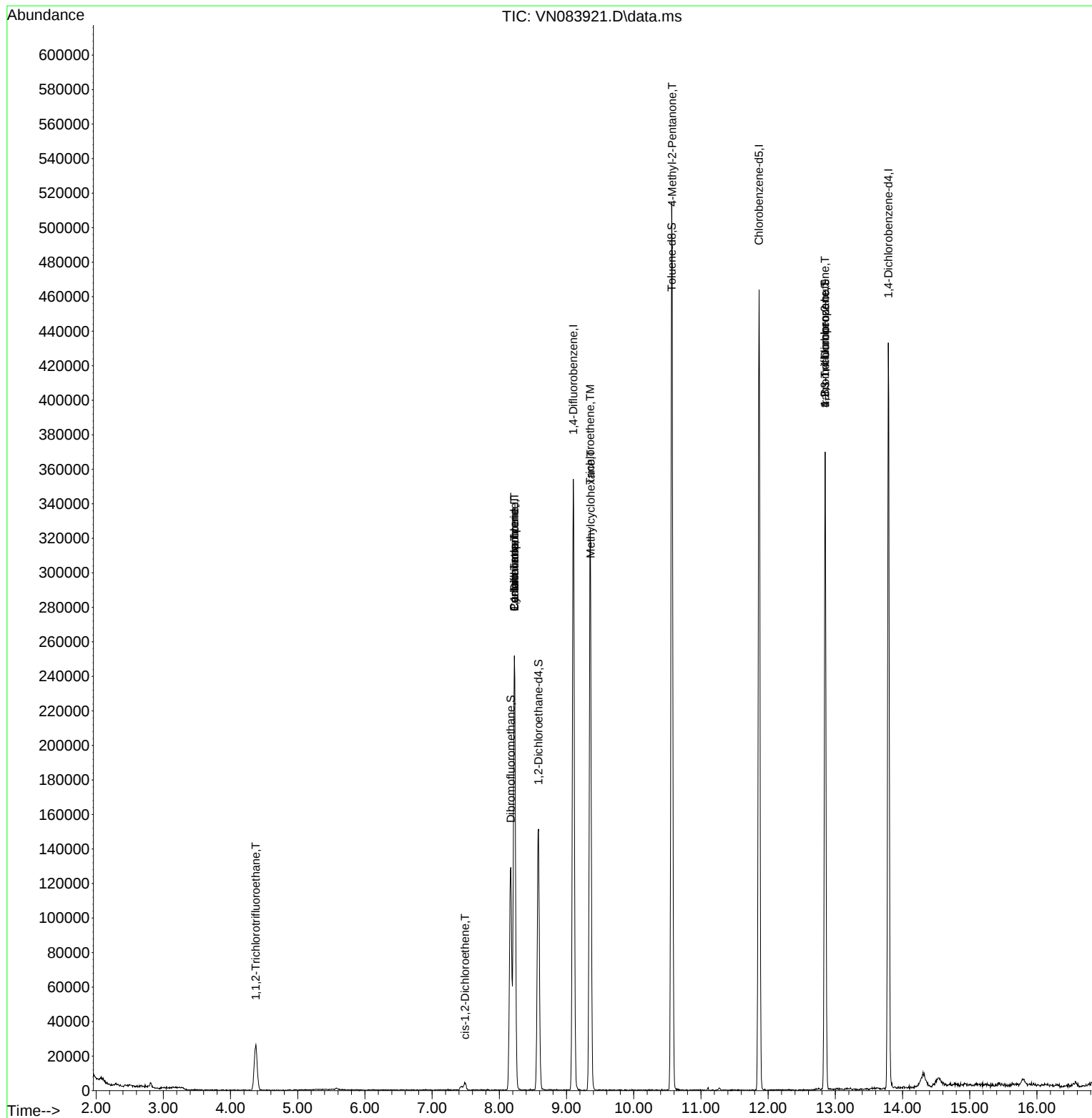
Internal Standards						
1) Pentafluorobenzene	8.224	168	170976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128990	50.033	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.060%	
35) Dibromofluoromethane	8.171	113	91748	49.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.740%	
50) Toluene-d8	10.565	98	343811	53.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.847	95	122855	46.354	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.700%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	255	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.377	101	17998	9.191	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	2651	1.127	ug/l	89
31) Cyclohexane	8.224	56	4392	1.179	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	16161	5.778	ug/l #	50
38) Carbon Tetrachloride	8.224	117	20621	6.499	ug/l #	16
39) Methylcyclohexane	9.359	83	1304	0.410	ug/l #	1
44) Trichloroethene	9.353	130	107840	55.318	ug/l	93
51) 4-Methyl-2-Pentanone	10.571	43	1743	0.696	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71695	33.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71695	88.638	ug/l #	9

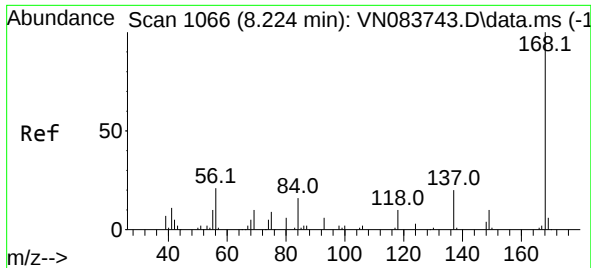
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

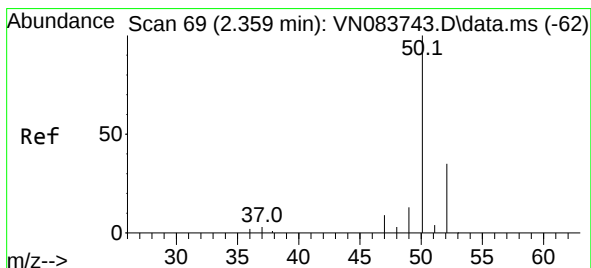
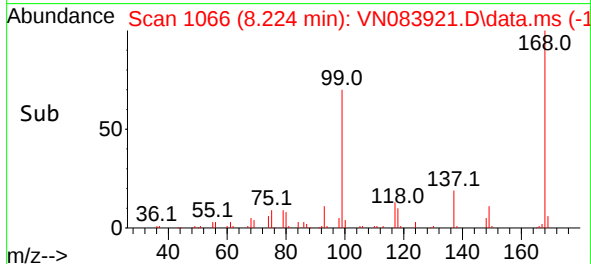
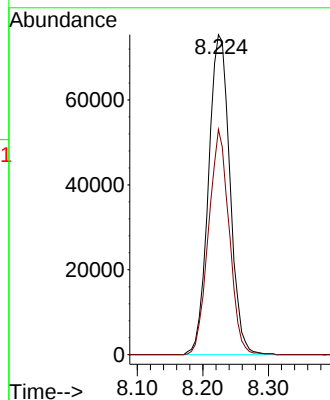
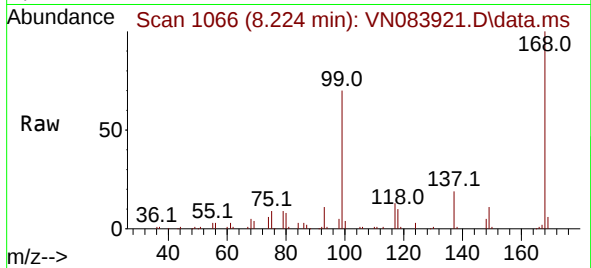




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

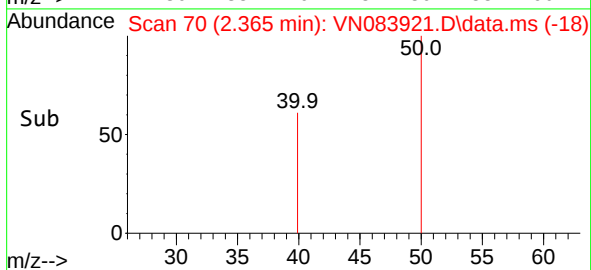
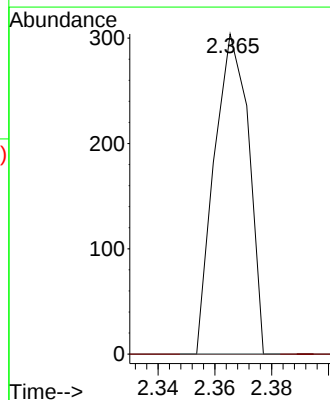
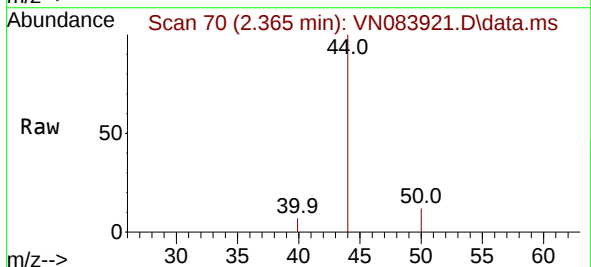
Instrument :
MSVOA_N
ClientSampleId :
MW-06-6.5-090624DL

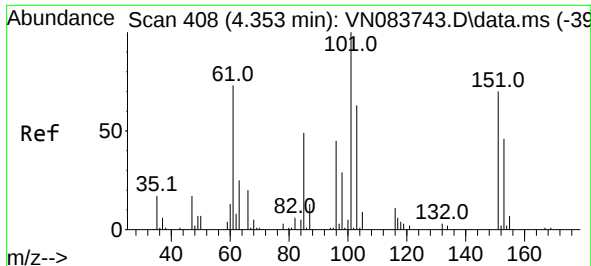
Tgt Ion:168 Resp: 170976
Ion Ratio Lower Upper
168 100
99 70.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

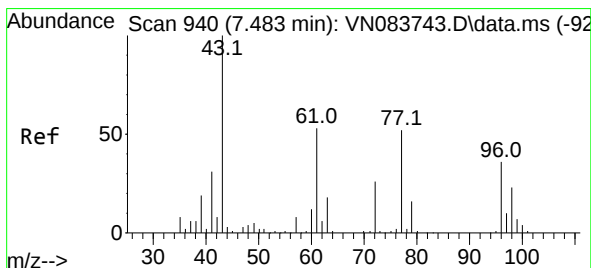
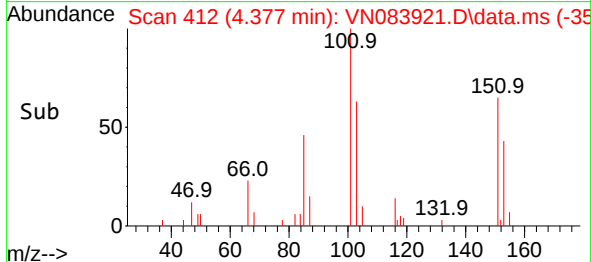
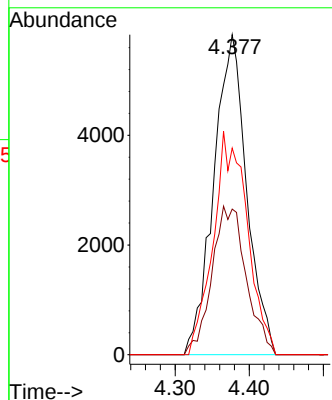
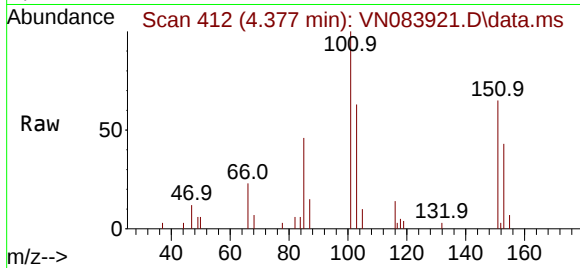




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.191 ug/l
 RT: 4.377 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VN083921.D
 Acq: 16 Sep 2024 16:39

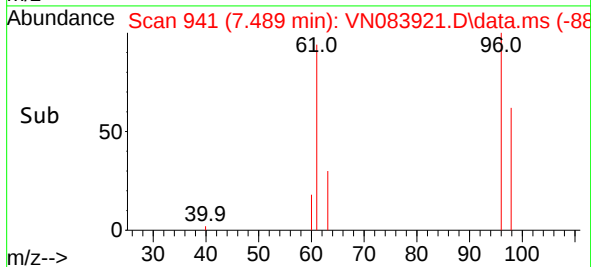
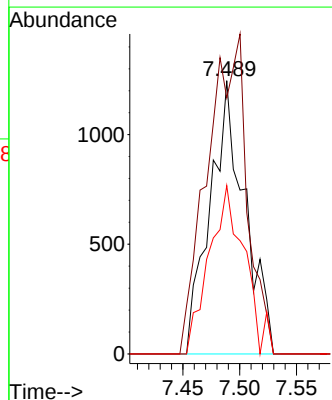
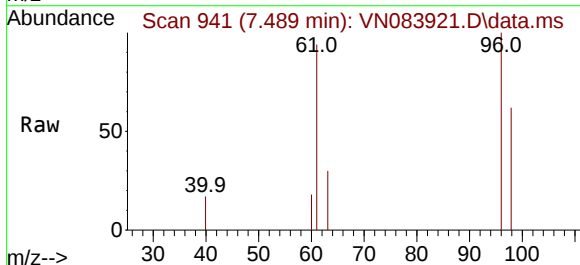
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-6.5-090624DL

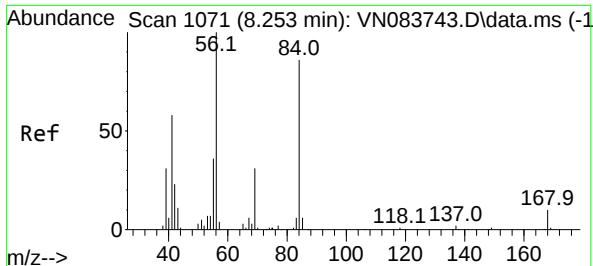
Tgt Ion:101 Resp: 17998
 Ion Ratio Lower Upper
 101 100
 85 48.4 36.2 54.4
 151 71.9 57.7 86.5



#27
 cis-1,2-Dichloroethene
 Concen: 1.127 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083921.D
 Acq: 16 Sep 2024 16:39

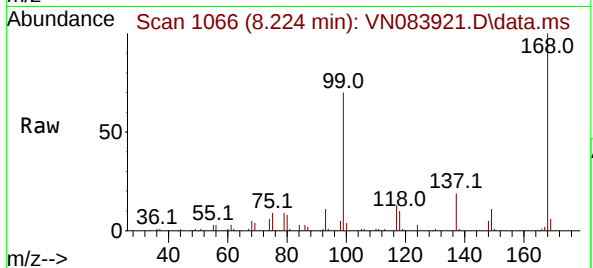
Tgt Ion: 96 Resp: 2651
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 306.2
 98 62.5 0.0 128.6



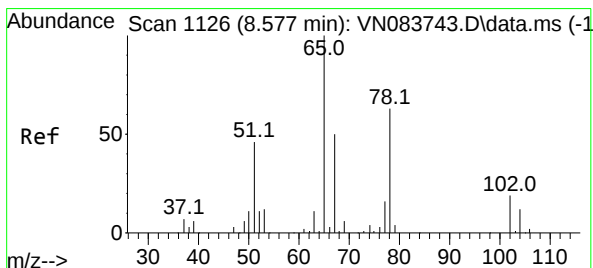
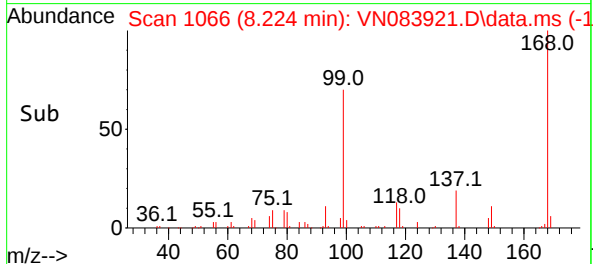
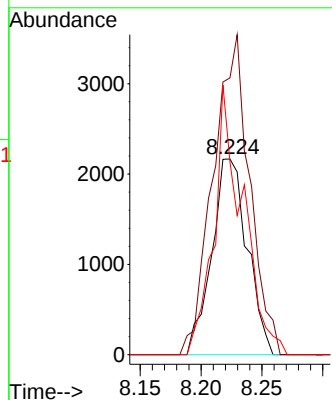


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :
MW-06-6.5-090624DL

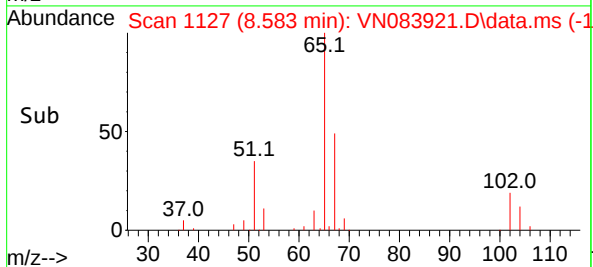
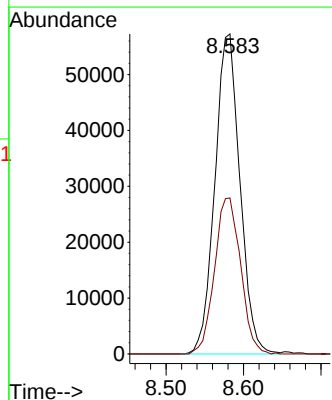
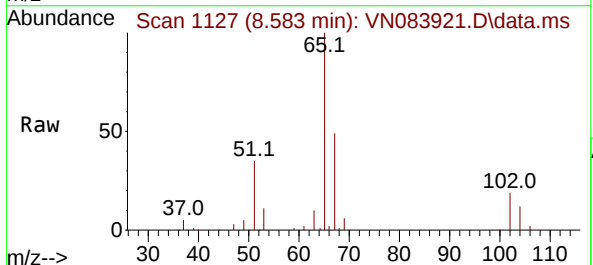


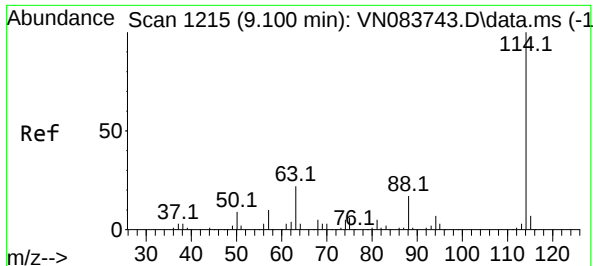
Tgt Ion: 56 Resp: 4392
Ion Ratio Lower Upper
56 100
69 141.4 26.9 40.3#
84 98.6 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 50.033 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 65 Resp: 128990
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# 1

Delta R.T. 0.000 min

Lab File: VN083921.D

Acq: 16 Sep 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

MW-06-6.5-090624DL

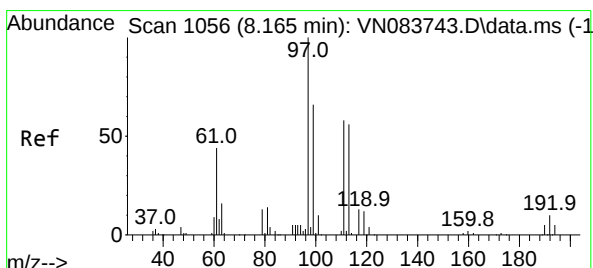
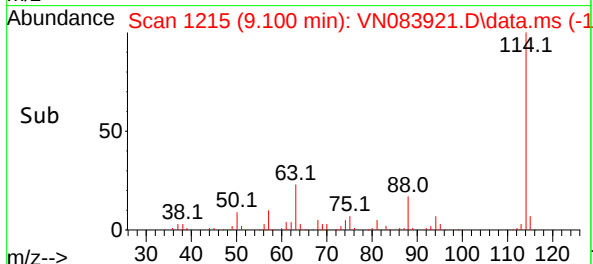
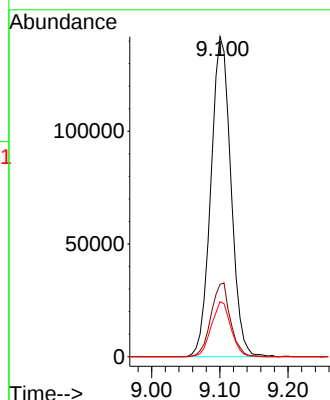
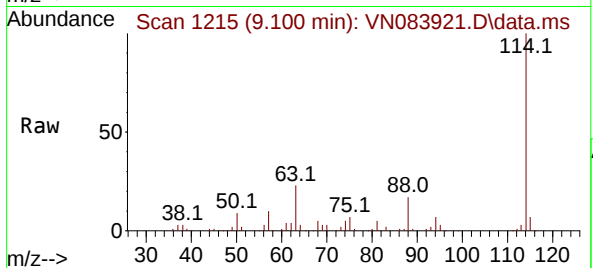
Tgt Ion:114 Resp: 290261

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 17.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.374 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083921.D

Acq: 16 Sep 2024 16:39

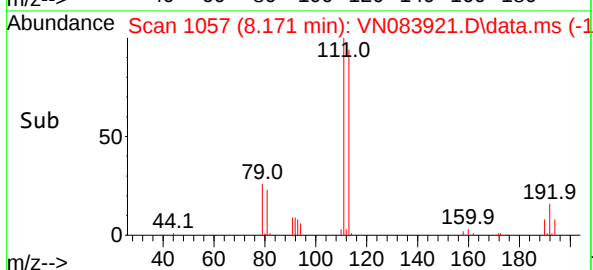
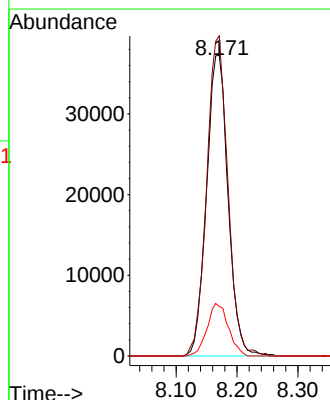
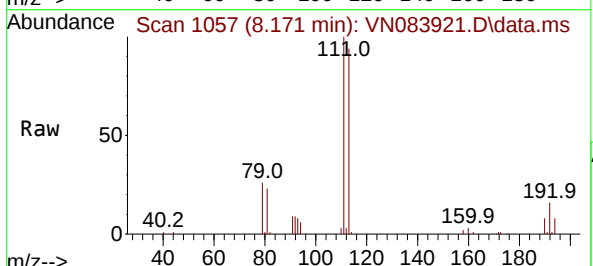
Tgt Ion:113 Resp: 91748

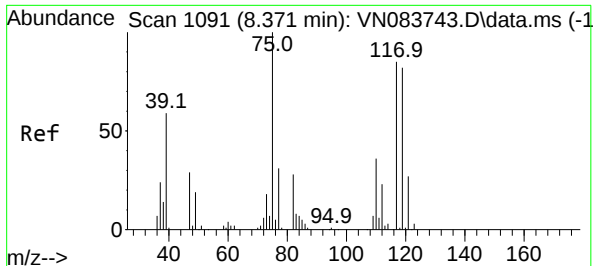
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 17.2 14.3 21.5

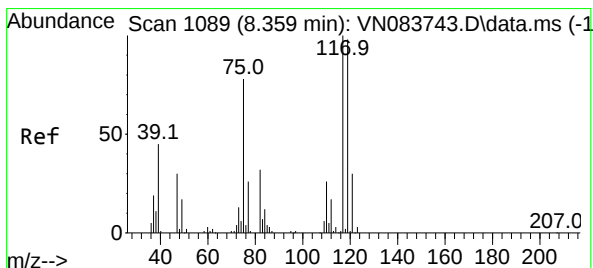
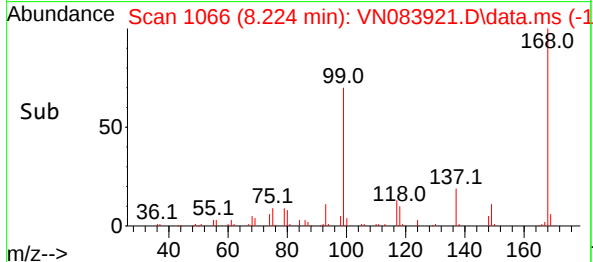
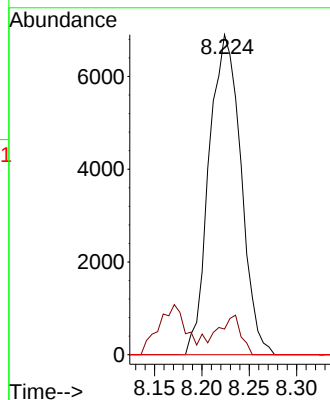
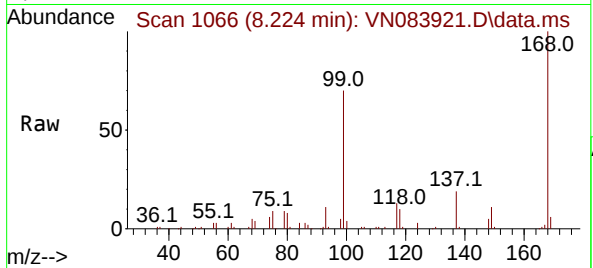




#36
1,1-Dichloropropene
Concen: 5.778 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

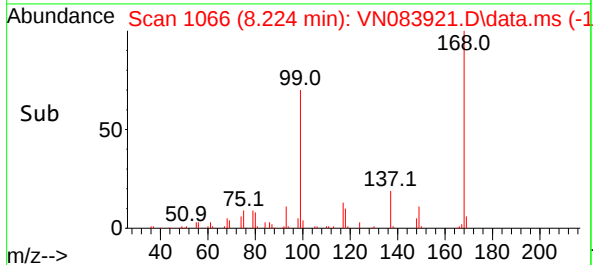
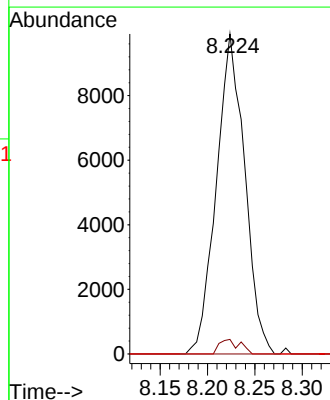
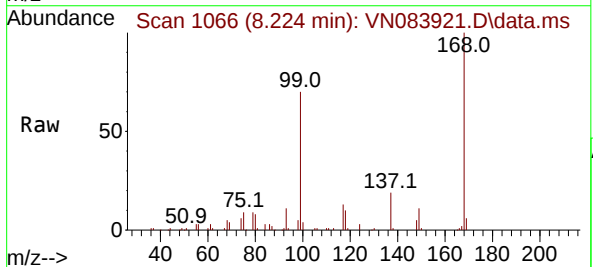
Instrument :
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MW-06-6.5-090624DL

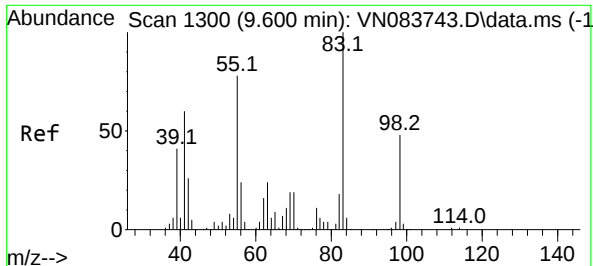
Tgt Ion: 75 Resp: 16161
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.1#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 6.499 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 117 Resp: 20621
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 0.410 ug/l

RT: 9.359 min Scan# 1

Delta R.T. -0.241 min

Lab File: VN083921.D

Acq: 16 Sep 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

MW-06-6.5-090624DL

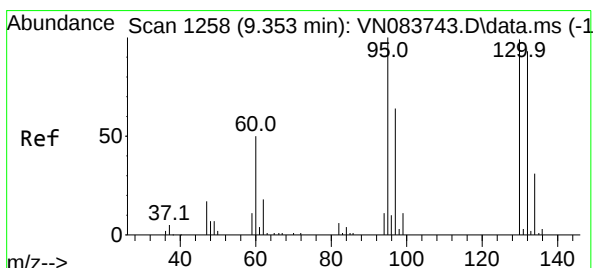
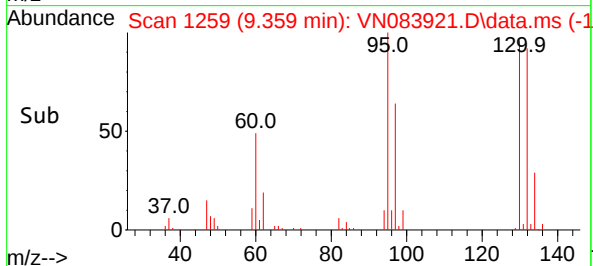
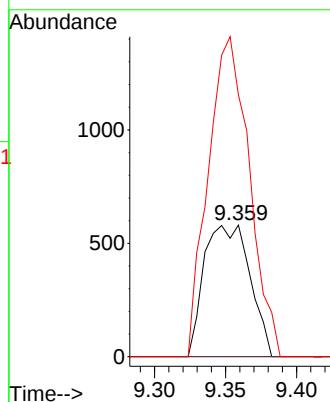
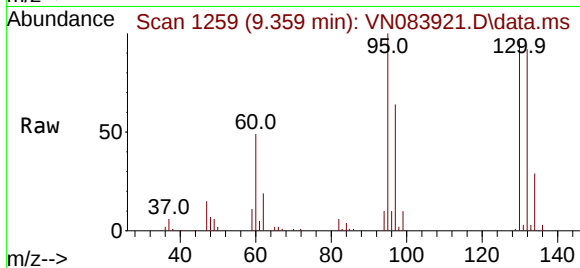
Tgt Ion: 83 Resp: 1304

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.4#

98 198.6 37.6 56.4#



#44

Trichloroethene

Concen: 55.318 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN083921.D

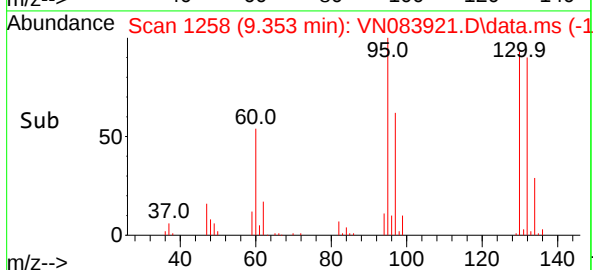
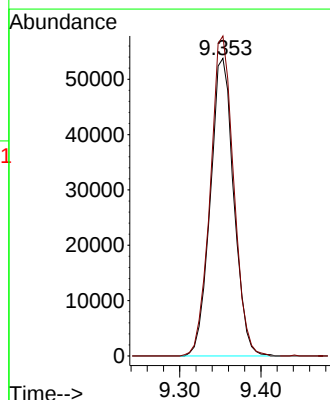
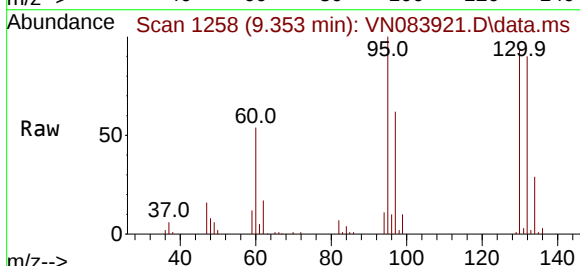
Acq: 16 Sep 2024 16:39

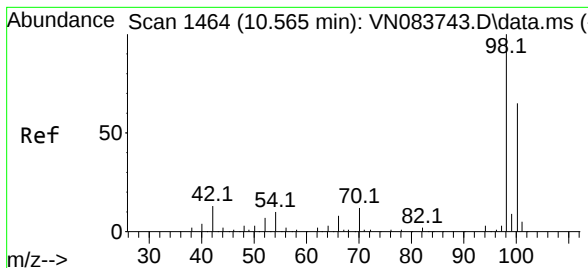
Tgt Ion:130 Resp: 107840

Ion Ratio Lower Upper

130 100

95 107.5 0.0 200.4





#50

Toluene-d8

Concen: 53.520 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083921.D

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ClientSampleId :

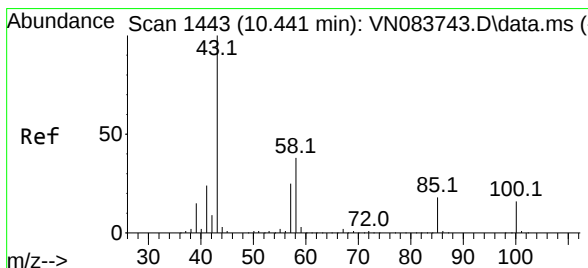
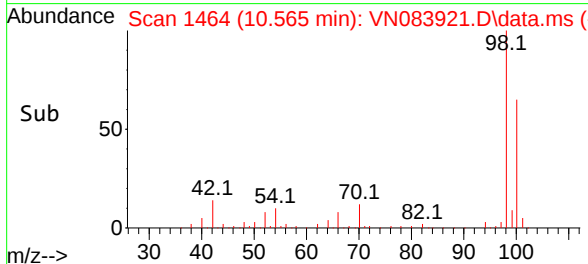
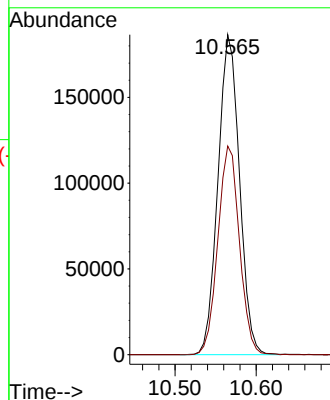
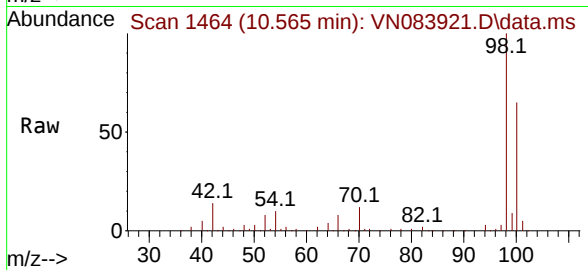
MW-06-6.5-090624DL

Tgt Ion: 98 Resp: 343811

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.696 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.129 min

Lab File: VN083921.D

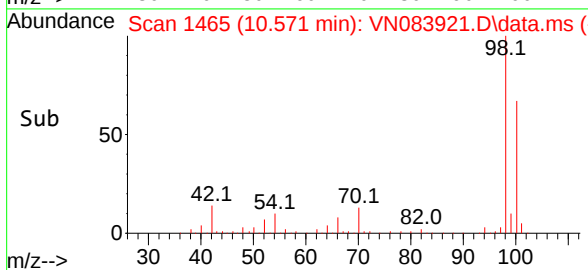
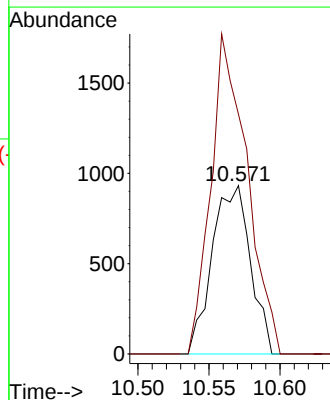
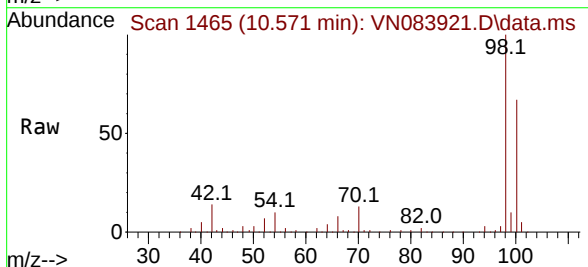
Acq: 16 Sep 2024 16:39

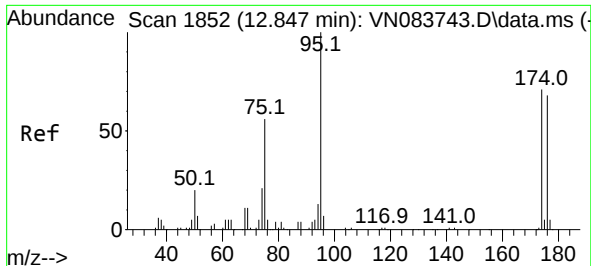
Tgt Ion: 43 Resp: 1743

Ion Ratio Lower Upper

43 100

58 180.3 31.6 47.4#

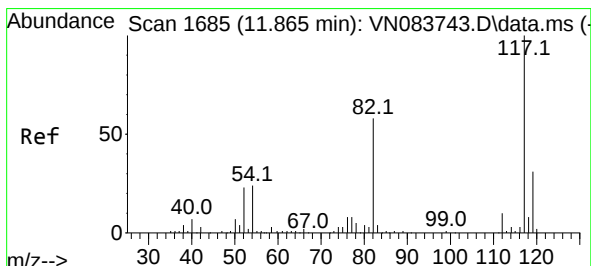
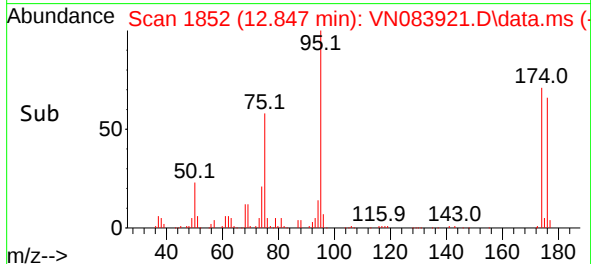
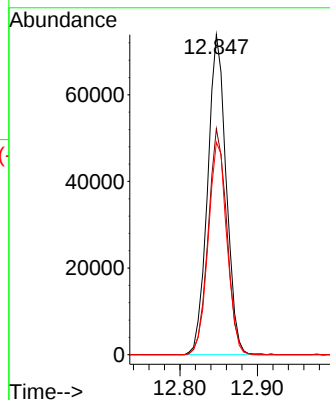
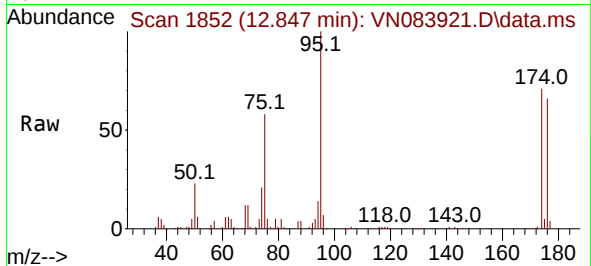




#62
4-Bromofluorobenzene
Concen: 46.354 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

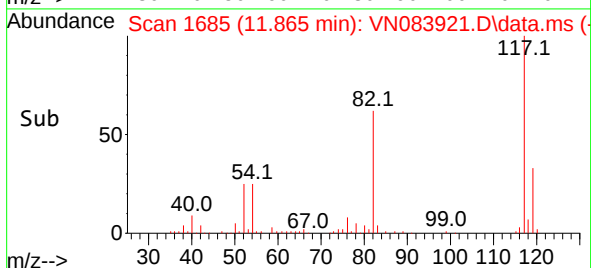
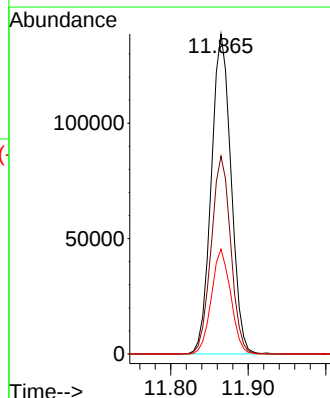
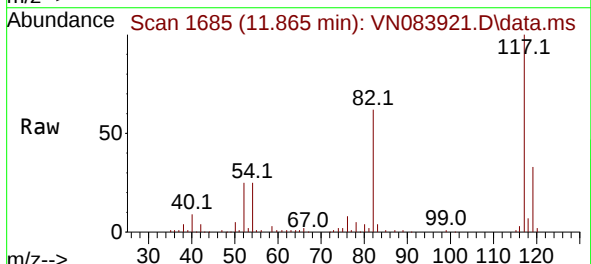
Instrument :
MSVOA_N
ClientSampleId :
MW-06-6.5-090624DL

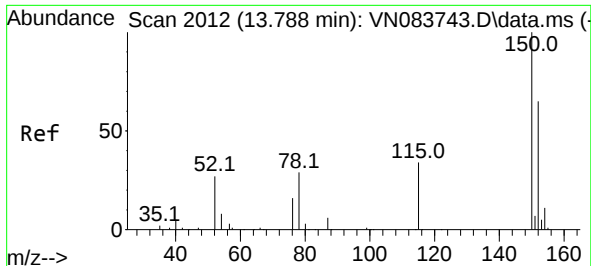
Tgt Ion: 95 Resp: 122855
Ion Ratio Lower Upper
95 100
174 70.7 0.0 139.8
176 66.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 117 Resp: 245572
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.0
119 32.8 26.3 39.5

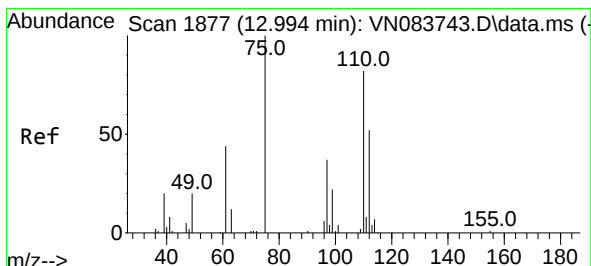
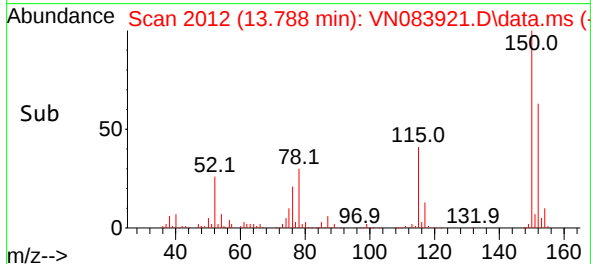
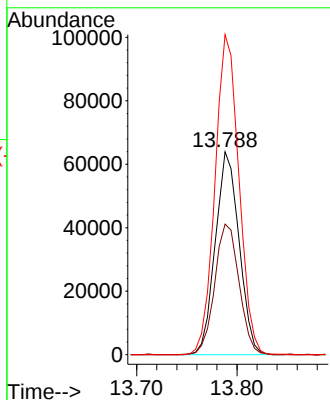
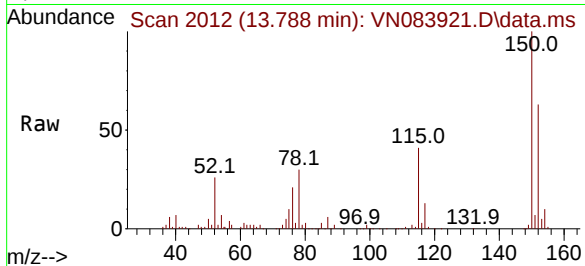




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN083921.D
 Acq: 16 Sep 2024 16:39

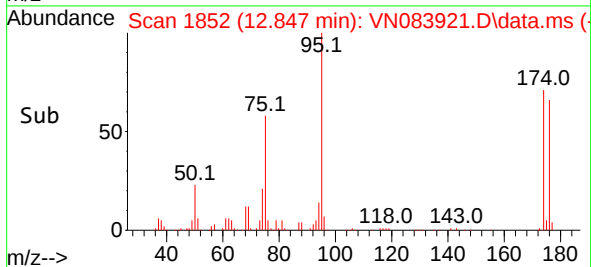
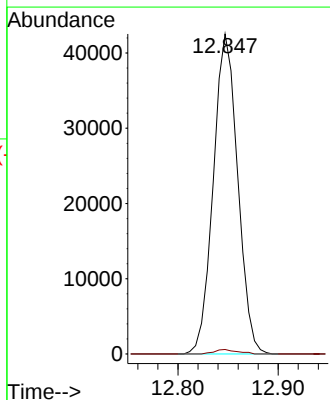
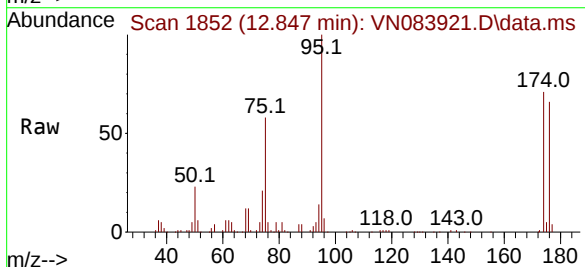
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06-6.5-090624DL

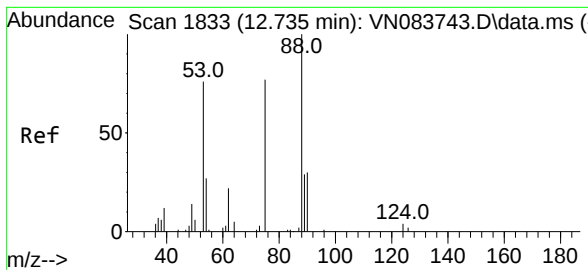
Tgt Ion:152 Resp: 104988
 Ion Ratio Lower Upper
 152 100
 115 66.2 32.2 96.6
 150 158.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 33.843 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083921.D
 Acq: 16 Sep 2024 16:39

Tgt Ion: 75 Resp: 71695
 Ion Ratio Lower Upper
 75 100
 77 1.3 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.638 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083921.D
Acq: 16 Sep 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :
MW-06-6.5-090624DL

Tgt Ion: 75 Resp: 71695
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

