

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085821.D
 Acq On : 21 Feb 2025 22:37
 Operator : JC\MD
 Sample : Q1405-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01-021325

Quant Time: Feb 22 02:44:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

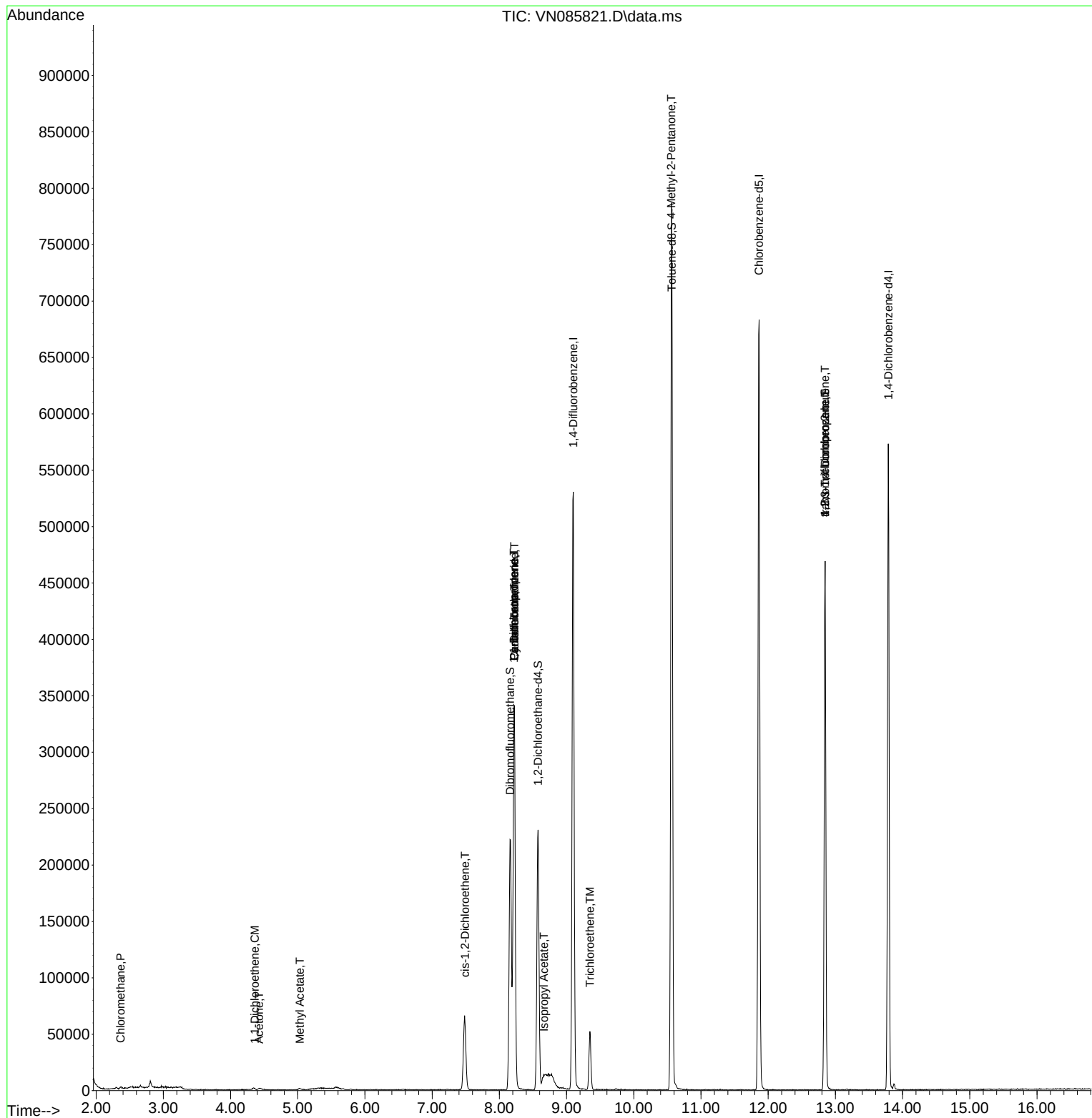
Internal Standards						
1) Pentafluorobenzene	8.224	168	248264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	471394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	409575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	188212	58.475	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.960%	
35) Dibromofluoromethane	8.159	113	165059	53.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.020%	
50) Toluene-d8	10.565	98	560000	49.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.847	95	164316	44.439	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1302	0.384	ug/l	88
12) 1,1-Dichloroethene	4.359	96	1226	0.450	ug/l #	45
16) Acetone	4.424	43	1301	1.277	ug/l	95
18) Methyl Acetate	5.030	43	2613	0.746	ug/l	91
27) cis-1,2-Dichloroethene	7.488	96	39934	11.748	ug/l	90
31) Cyclohexane	8.224	56	5398	1.174	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	20948	4.799	ug/l #	49
38) Carbon Tetrachloride	8.224	117	25727	4.960	ug/l #	18
43) Isopropyl Acetate	8.665	43	8826	0.863	ug/l #	53
44) Trichloroethene	9.347	130	19444	5.660	ug/l	98
51) 4-Methyl-2-Pentanone	10.559	43	2232	0.644	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	80300	22.599	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80300	65.938	ug/l #	13

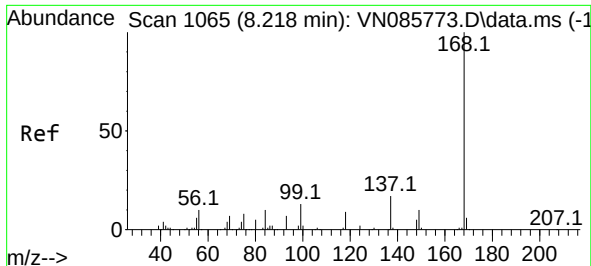
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 22 02:44:32 2025
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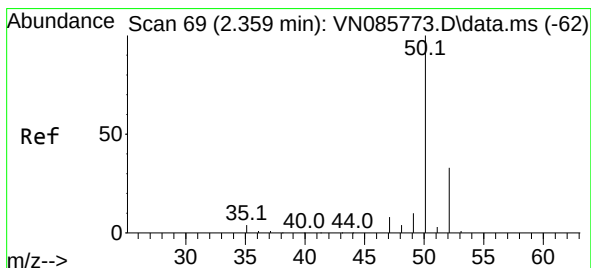
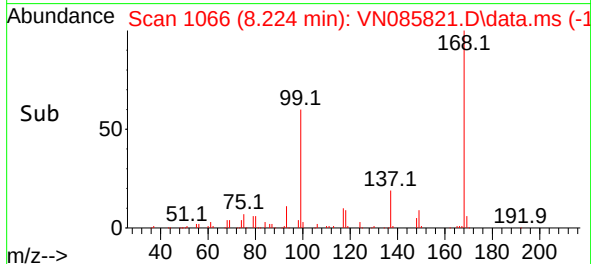
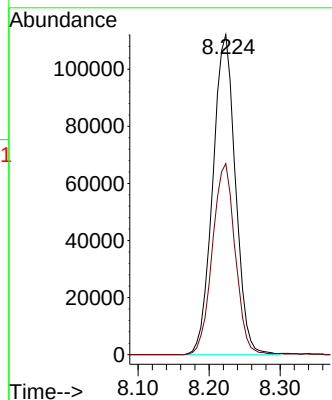
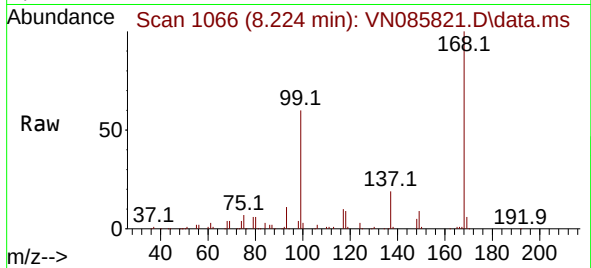




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

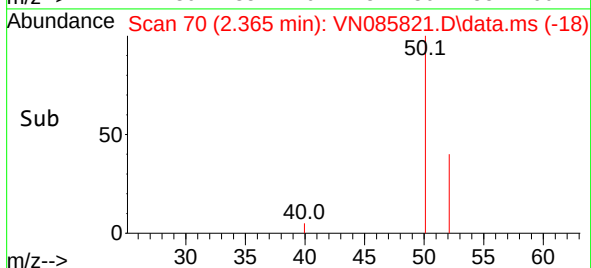
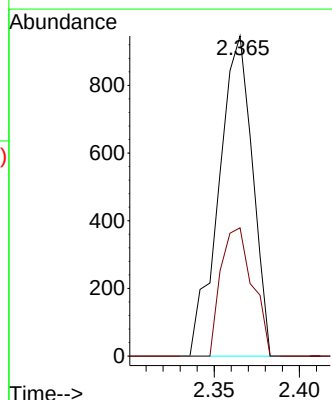
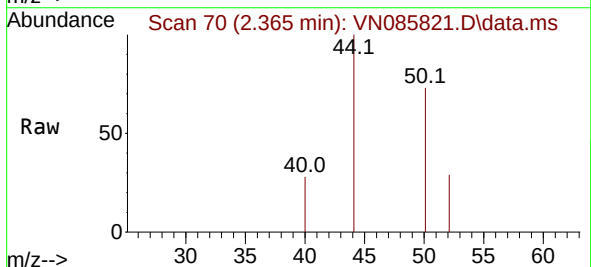
Instrument :
MSVOA_N
ClientSampleId :
MW-01-021325

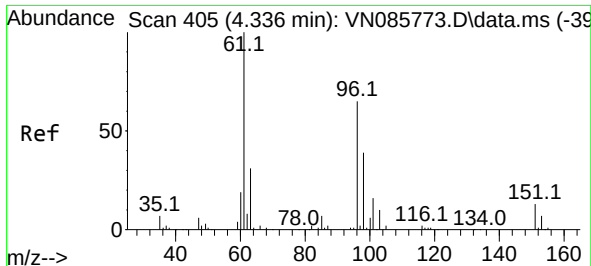
Tgt Ion:168 Resp: 248264
Ion Ratio Lower Upper
168 100
99 59.7 47.9 71.9



#3
Chloromethane
Concen: 0.384 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

Tgt Ion: 50 Resp: 1302
Ion Ratio Lower Upper
50 100
52 40.1 26.7 40.1





#12

1,1-Dichloroethene

Concen: 0.450 ug/l

RT: 4.359 min Scan# 409

Delta R.T. 0.023 min

Lab File: VN085821.D

Acq: 21 Feb 2025 22:37

Instrument :

MSVOA_N

ClientSampleId :

MW-01-021325

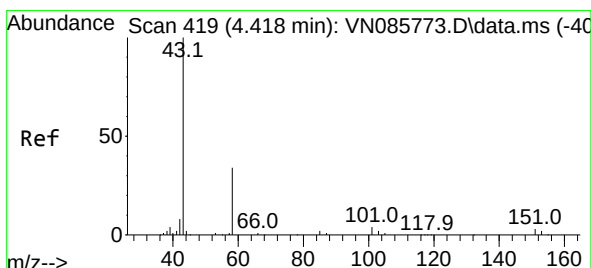
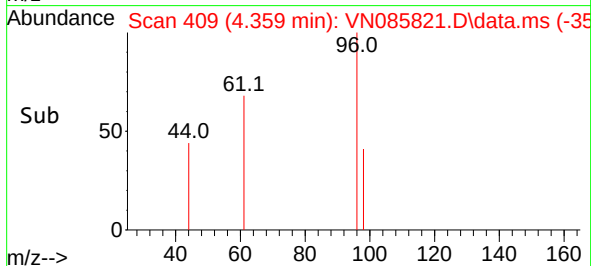
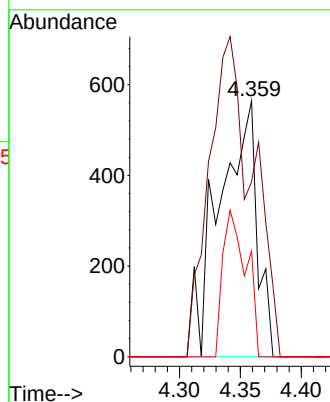
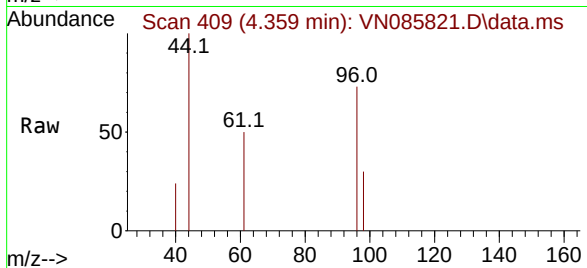
Tgt Ion: 96 Resp: 1226

Ion Ratio Lower Upper

96 100

61 68.4 123.3 184.9#

98 41.3 48.6 72.8#



#16

Acetone

Concen: 1.277 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN085821.D

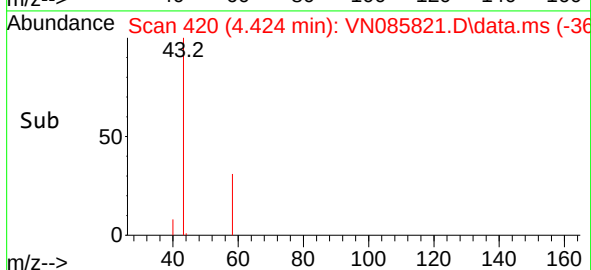
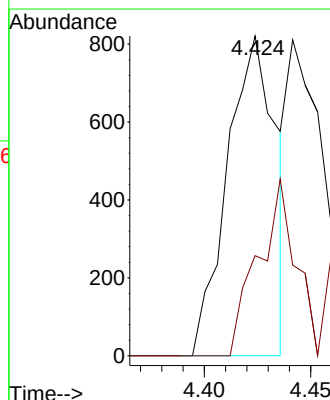
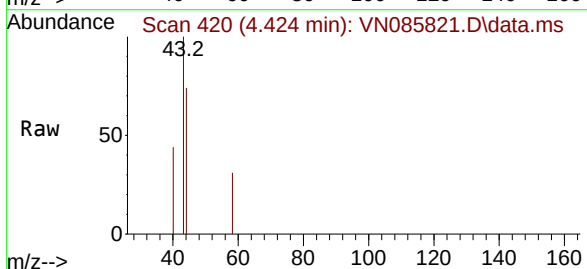
Acq: 21 Feb 2025 22:37

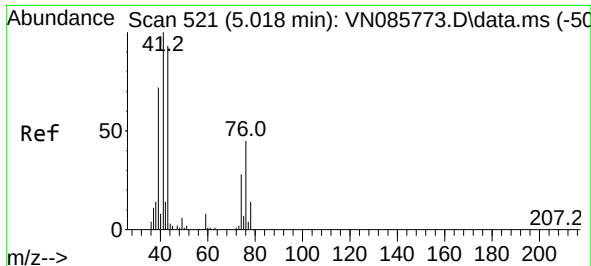
Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

58 31.3 27.5 41.3

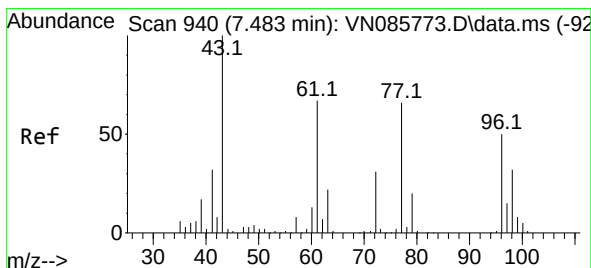
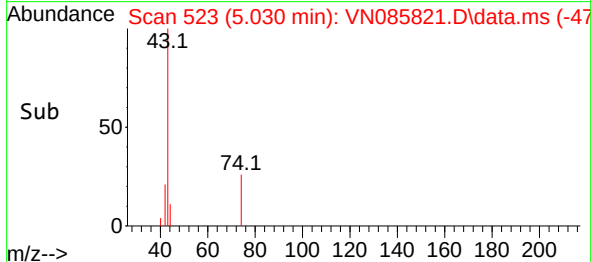
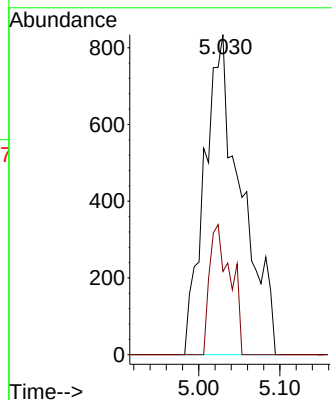
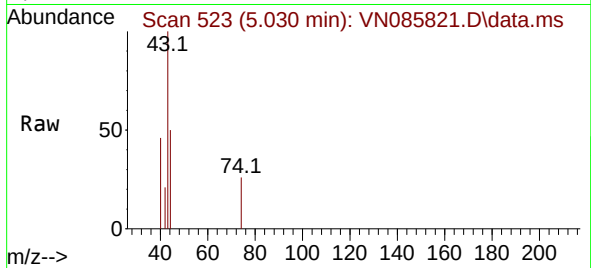




#18
Methyl Acetate
Concen: 0.746 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

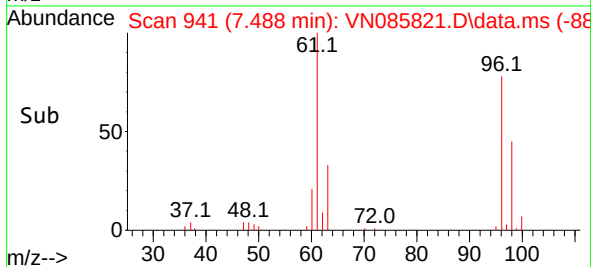
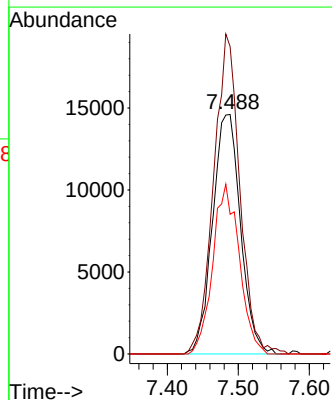
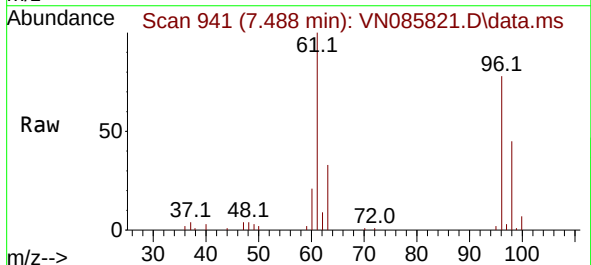
Instrument :
MSVOA_N
ClientSampleId :
MW-01-021325

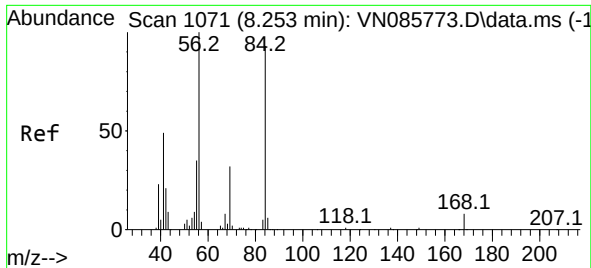
Tgt Ion: 43 Resp: 2613
Ion Ratio Lower Upper
43 100
74 23.2 22.2 33.4



#27
cis-1,2-Dichloroethene
Concen: 11.748 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

Tgt Ion: 96 Resp: 39934
Ion Ratio Lower Upper
96 100
61 124.8 0.0 280.6
98 67.1 0.0 128.6

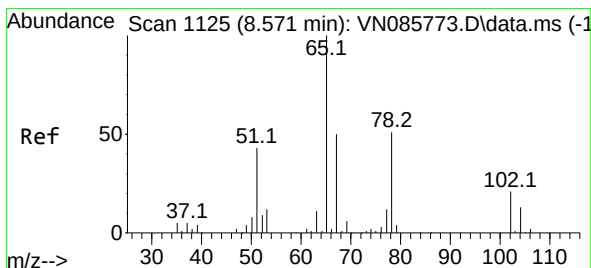
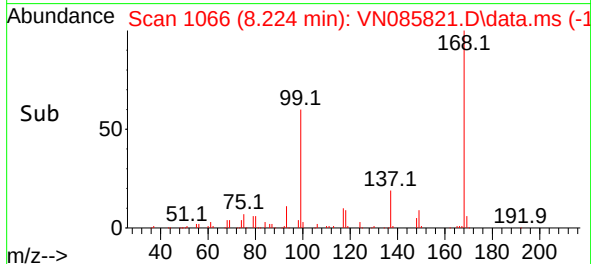
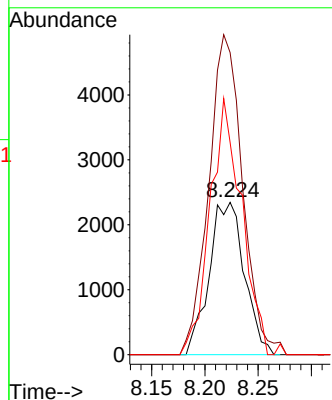
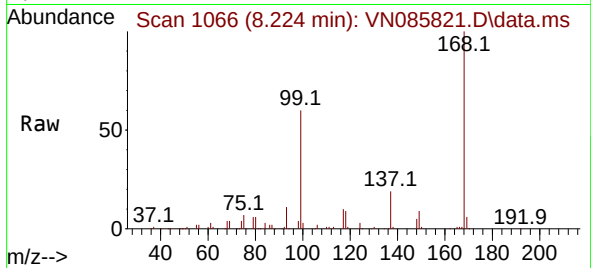




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

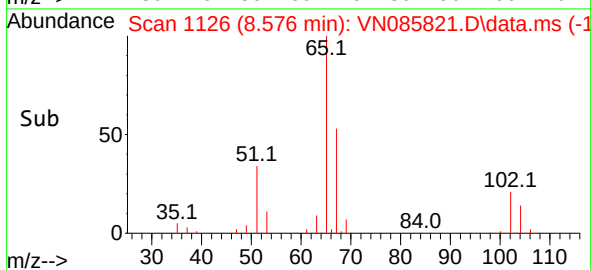
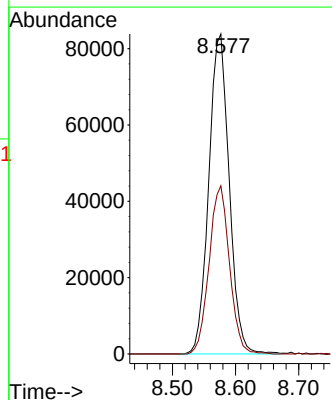
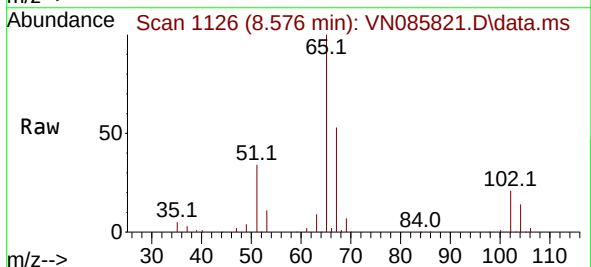
Instrument :
MSVOA_N
ClientSampleId :
MW-01-021325

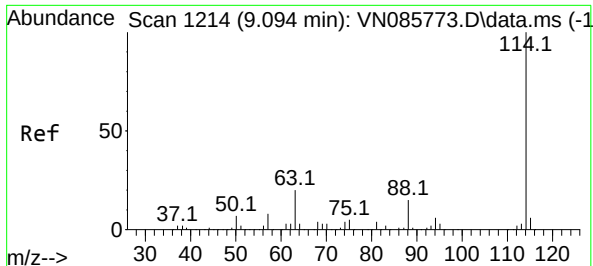
Tgt Ion: 56 Resp: 5398
Ion Ratio Lower Upper
56 100
69 198.3 25.8 38.6#
84 139.3 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 58.475 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

Tgt Ion: 65 Resp: 188212
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085821.D

Acq: 21 Feb 2025 22:37

Instrument :

MSVOA_N

ClientSampleId :

MW-01-021325

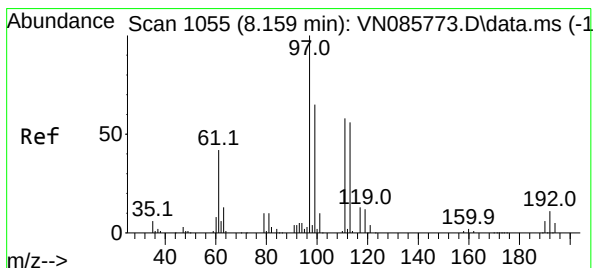
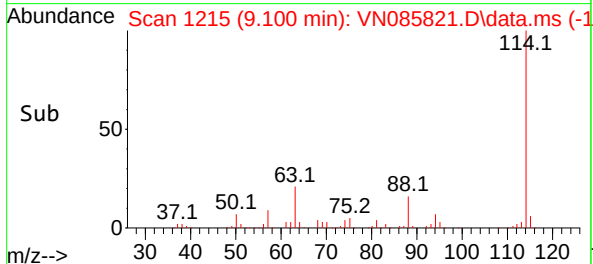
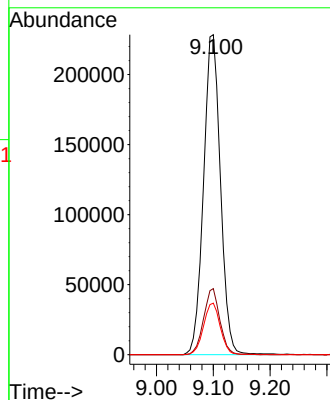
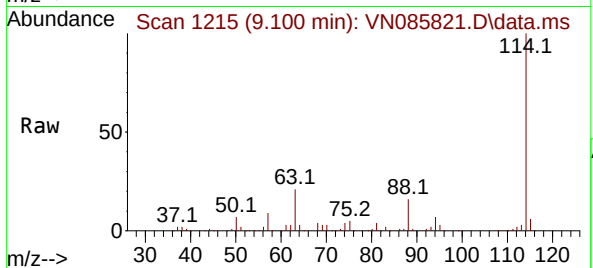
Tgt Ion:114 Resp: 471394

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 16.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.511 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085821.D

Acq: 21 Feb 2025 22:37

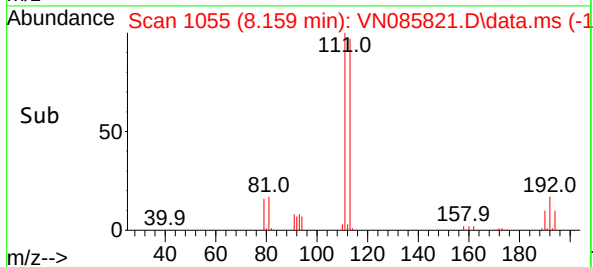
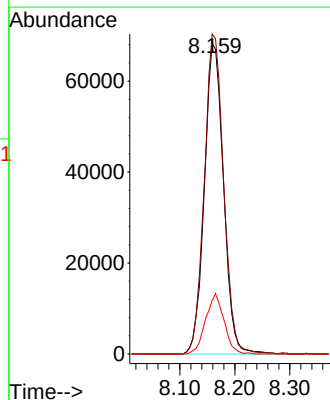
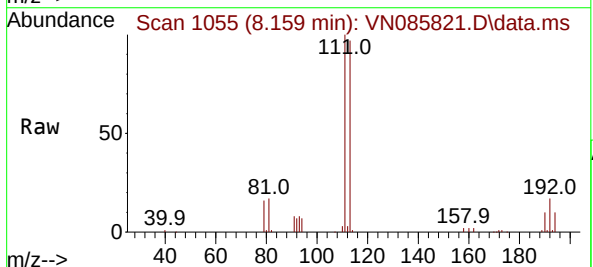
Tgt Ion:113 Resp: 165059

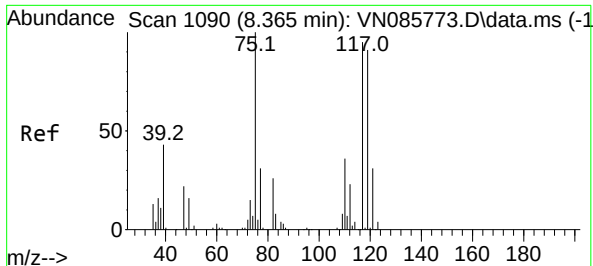
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 18.7 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.799 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085821.D

Acq: 21 Feb 2025 22:37

Instrument :

MSVOA_N

ClientSampleId :

MW-01-021325

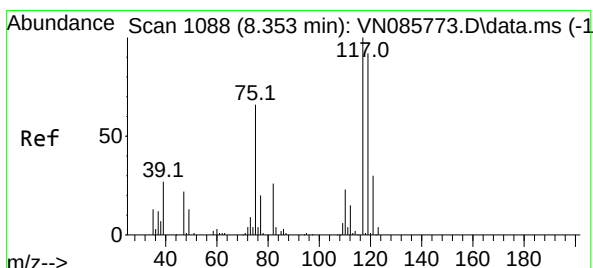
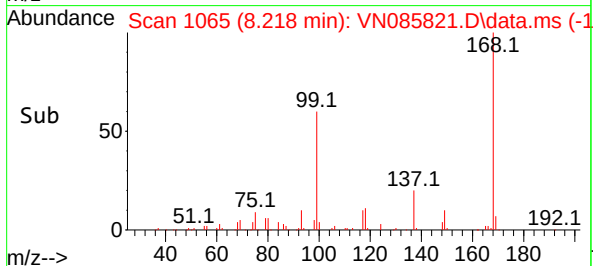
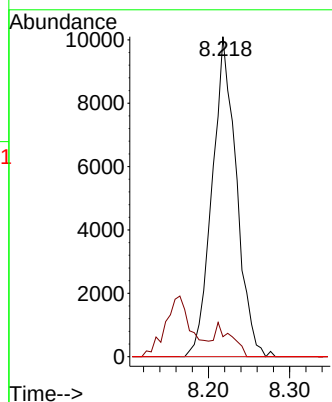
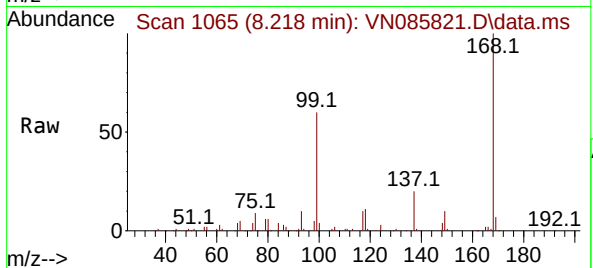
Tgt Ion: 75 Resp: 20948

Ion Ratio Lower Upper

75 100

110 7.4 17.3 52.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.960 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.130 min

Lab File: VN085821.D

Acq: 21 Feb 2025 22:37

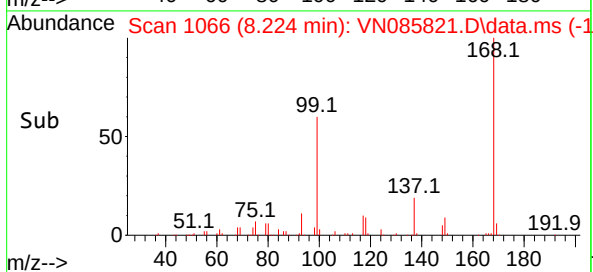
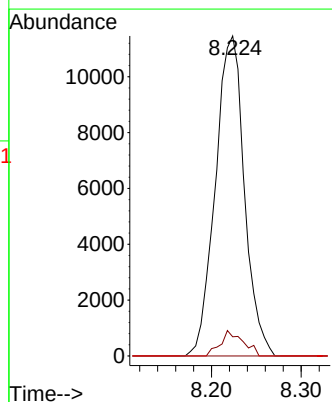
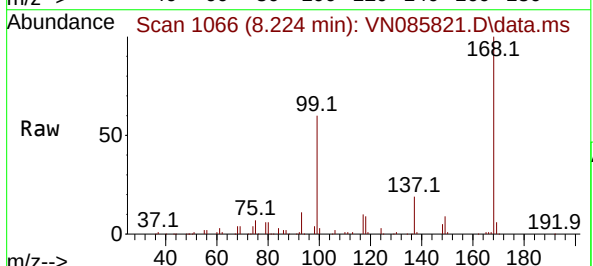
Tgt Ion: 117 Resp: 25727

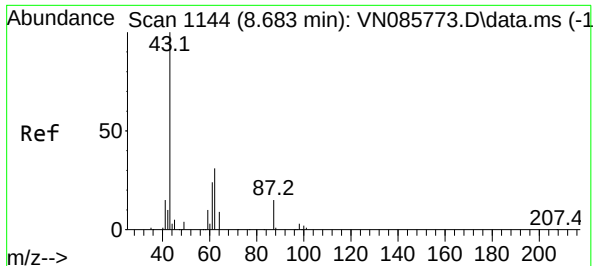
Ion Ratio Lower Upper

117 100

119 6.0 73.8 110.6#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: 0.863 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.018 min

Lab File: VN085821.D

Acq: 21 Feb 2025 22:37

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MW-01-021325

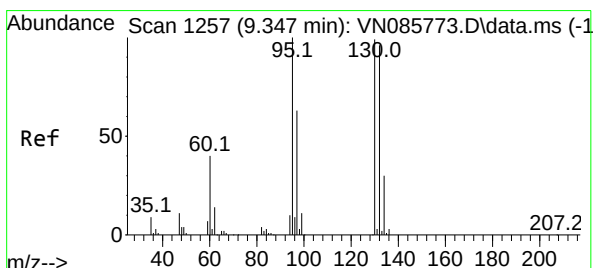
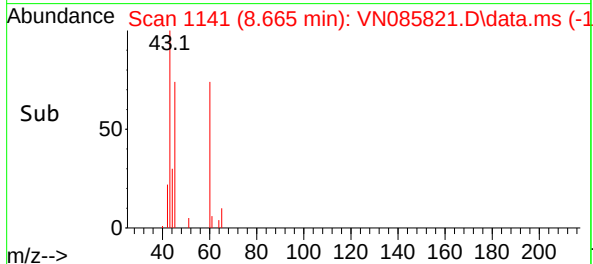
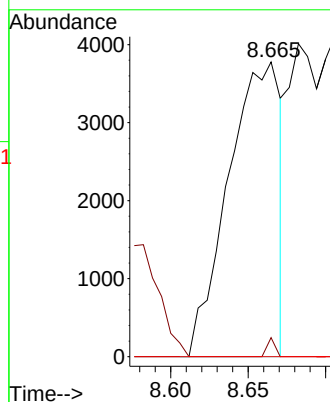
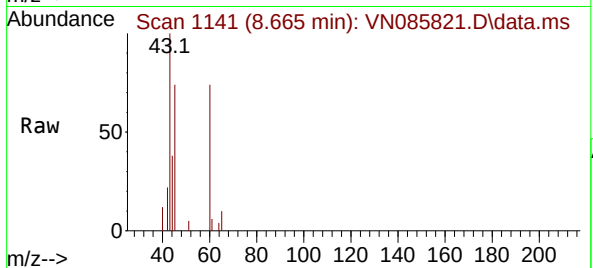
Tgt Ion: 43 Resp: 8826

Ion Ratio Lower Upper

43 100

61 0.0 22.6 34.0#

87 0.0 11.8 17.8#



#44

Trichloroethene

Concen: 5.660 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085821.D

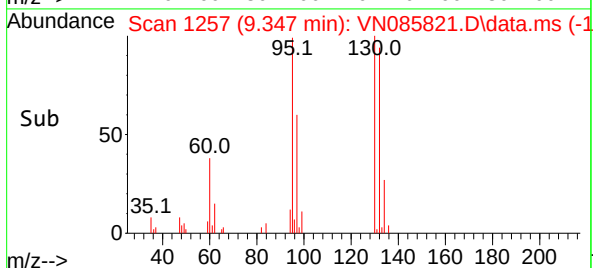
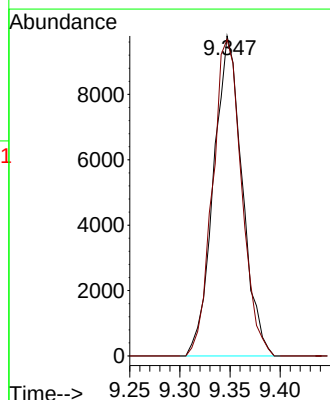
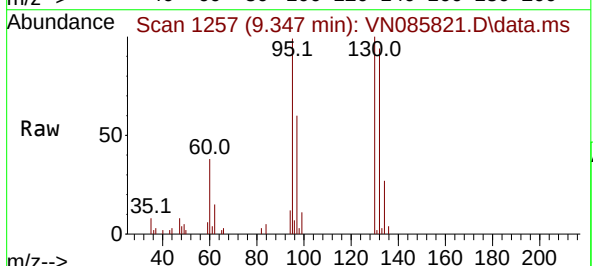
Acq: 21 Feb 2025 22:37

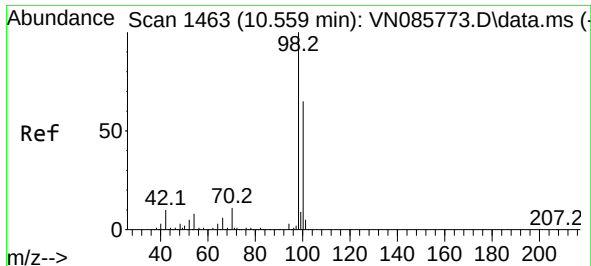
Tgt Ion:130 Resp: 19444

Ion Ratio Lower Upper

130 100

95 98.9 0.0 202.6

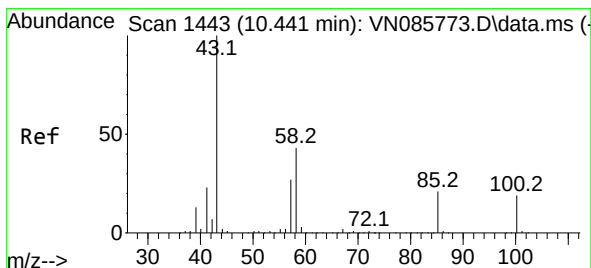
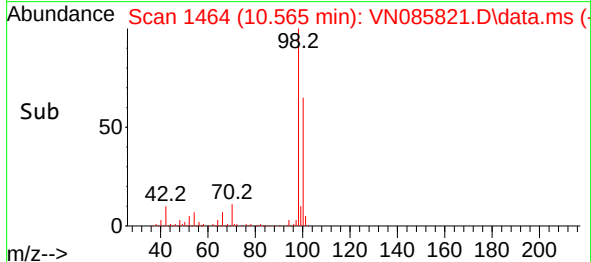
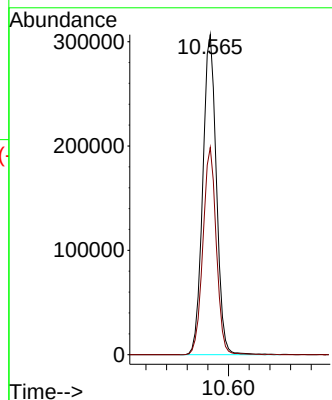
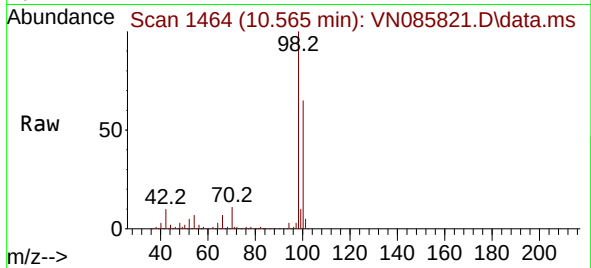




#50
Toluene-d8
Concen: 49.899 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

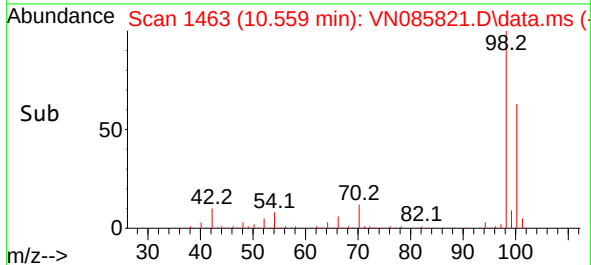
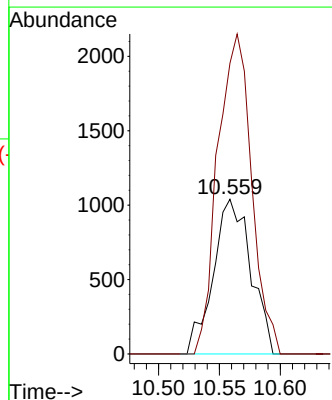
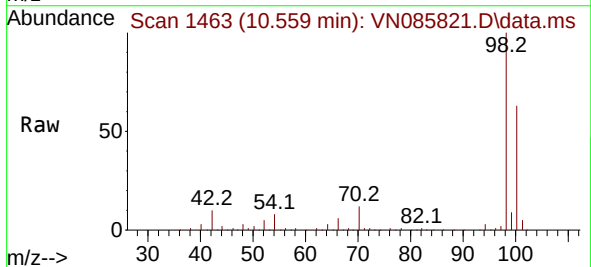
Instrument :
MSVOA_N
ClientSampleId :
MW-01-021325

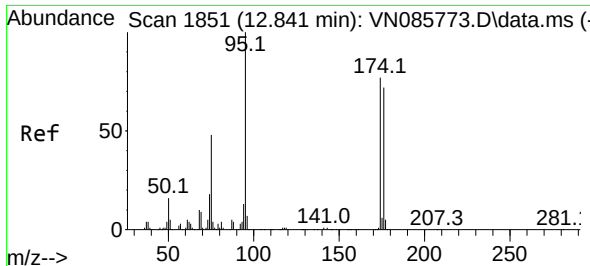
Tgt Ion: 98 Resp: 560000
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.644 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.117 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
58 186.2 34.6 52.0#

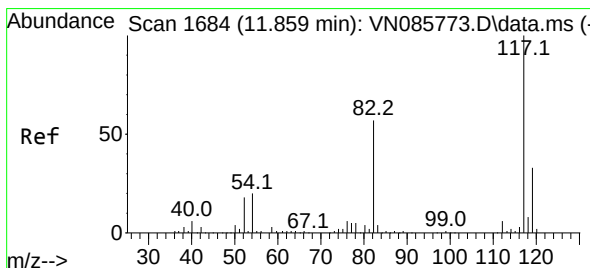
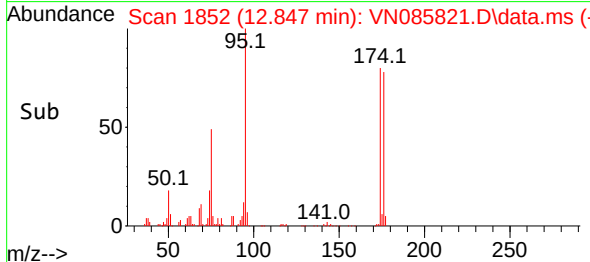
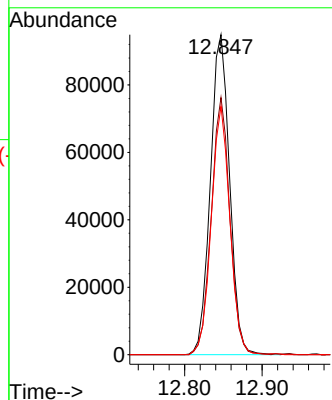
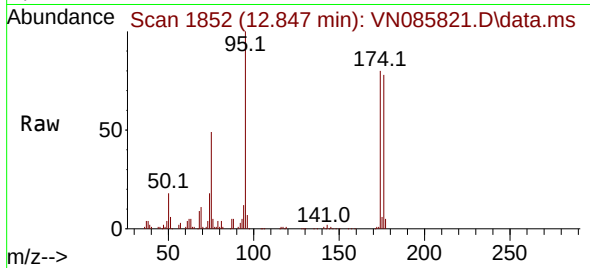




#62
4-Bromofluorobenzene
Concen: 44.439 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

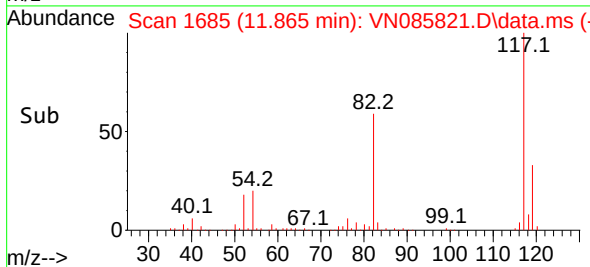
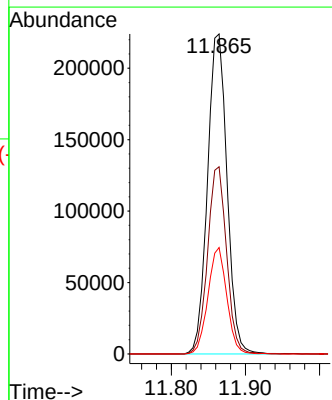
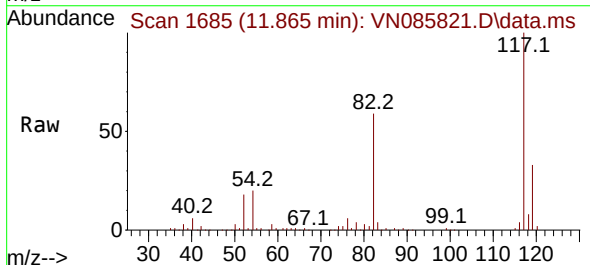
Instrument :
MSVOA_N
ClientSampleId :
MW-01-021325

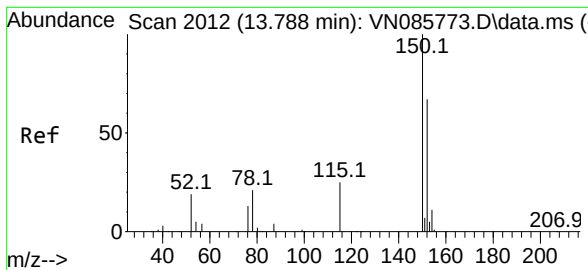
Tgt Ion: 95 Resp: 164316
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.4
176 75.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085821.D
Acq: 21 Feb 2025 22:37

Tgt Ion: 117 Resp: 409575
Ion Ratio Lower Upper
117 100
82 58.5 45.7 68.5
119 33.2 26.2 39.2

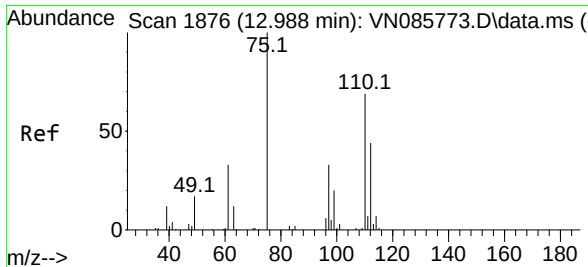
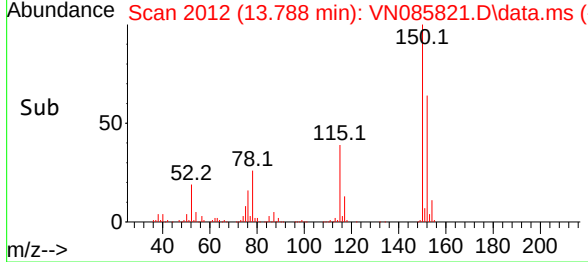
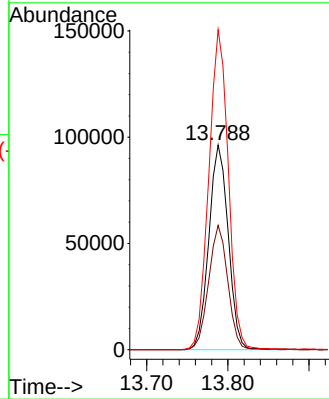
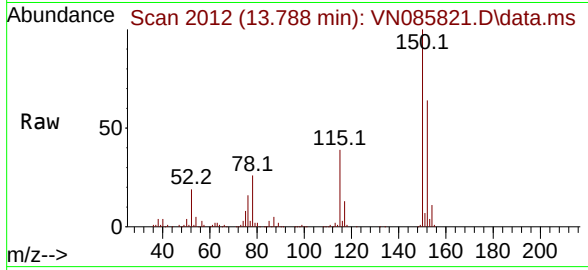




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085821.D
 Acq: 21 Feb 2025 22:37

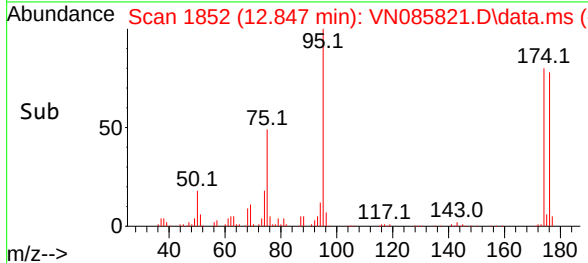
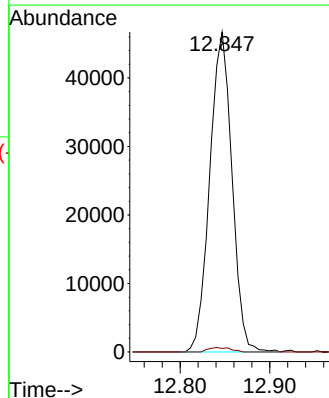
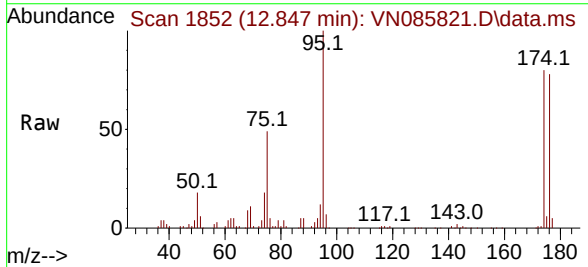
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01-021325

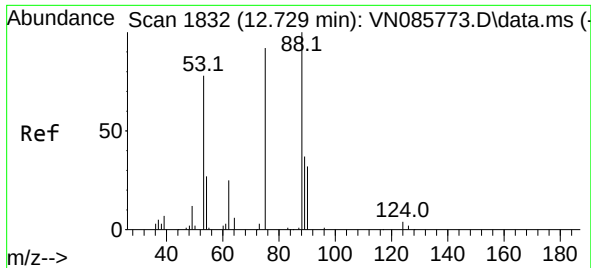
Tgt Ion:152 Resp: 159960
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.4 91.3
 150 157.0 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 22.599 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085821.D
 Acq: 21 Feb 2025 22:37

Tgt Ion: 75 Resp: 80300
 Ion Ratio Lower Upper
 75 100
 77 1.4 100.0 300.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.938 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN085821.D
 Acq: 21 Feb 2025 22:37

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-01-021325

Tgt Ion: 75 Resp: 80300
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.9 52.3#

