

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084105.D
 Acq On : 23 Sep 2024 13:05
 Operator : JC\MD
 Sample : P4003-17RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 01:31:28 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)

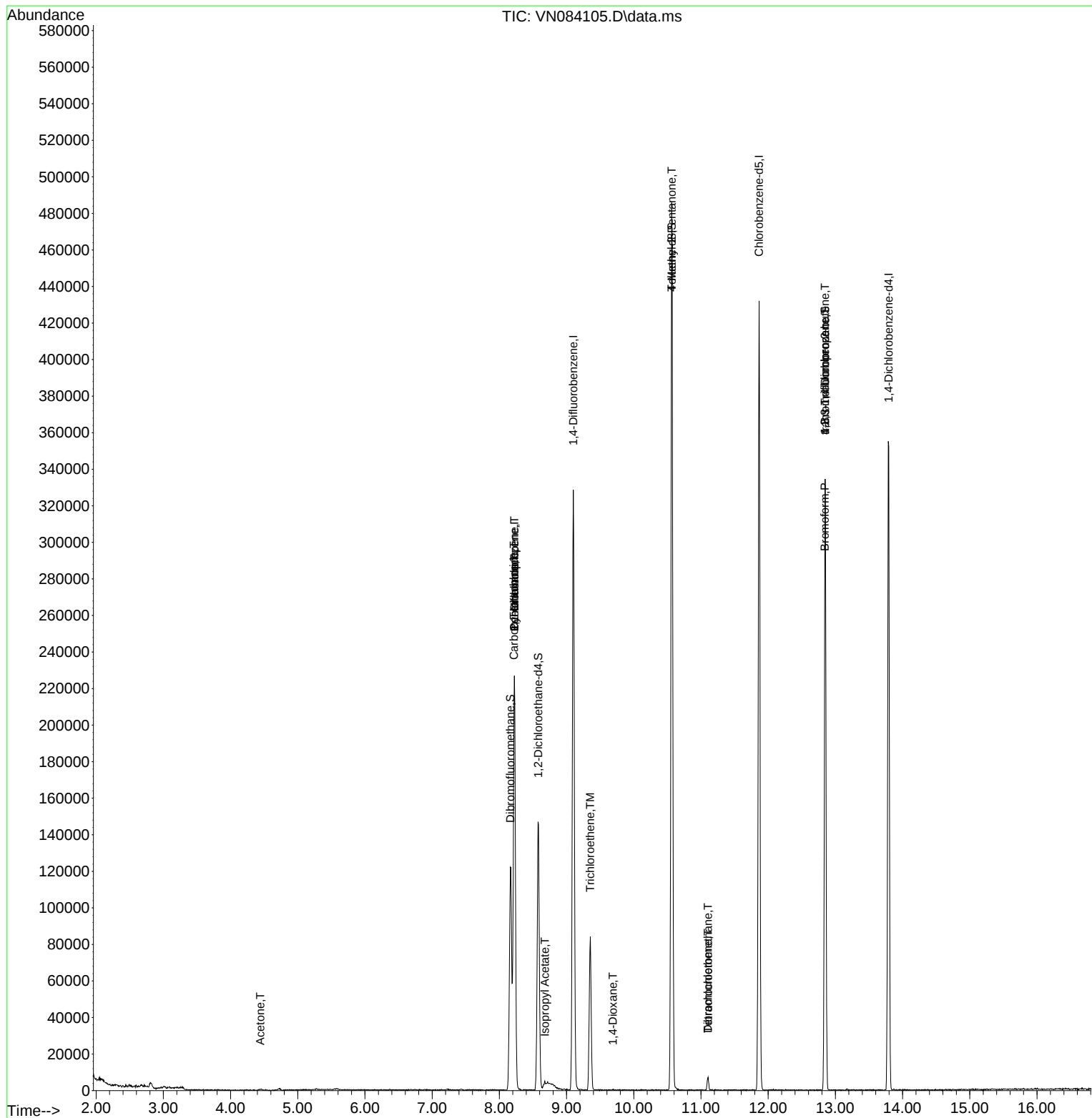
Internal Standards						
1) Pentafluorobenzene	8.224	168	152574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120373	52.322	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.640%	
35) Dibromofluoromethane	8.165	113	88448	50.415	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	10.565	98	325858	53.727	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.847	95	112964	45.144	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	620	Below Cal		89
16) Acetone	4.441	43	974	1.056 ug/l	#	45
18) Methyl Acetate	5.024	43	178	Below Cal	#	52
31) Cyclohexane	8.224	56	3889	1.170 ug/l	#	4
36) 1,1-Dichloropropene	8.224	75	14277	5.407 ug/l	#	51
38) Carbon Tetrachloride	8.218	117	17213	5.746 ug/l	#	17
43) Isopropyl Acetate	8.677	43	3094	0.712 ug/l	#	57
44) Trichloroethene	9.353	130	28493	15.481 ug/l		95
49) 1,4-Dioxane	9.688	88	182	5.369 ug/l	#	58
51) 4-Methyl-2-Pentanone	10.565	43	1705	0.721 ug/l	#	1
60) Dibromochloromethane	11.106	129	1563	0.770 ug/l	#	10
64) Tetrachloroethene	11.106	164	1305	0.848 ug/l	#	63
71) Bromoform	12.841	173	477	0.397 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	64128	34.052 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64128	89.184 ug/l	#	9

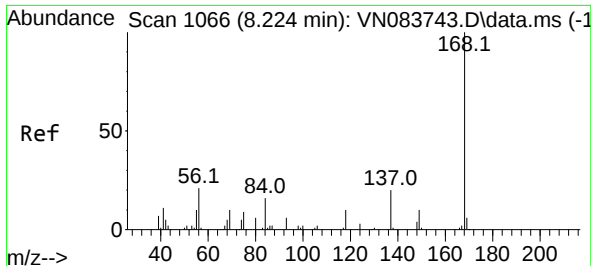
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
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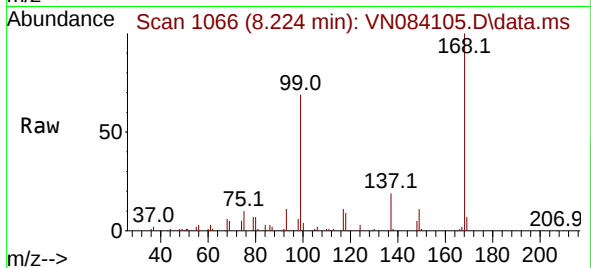
Quant Time: Sep 24 01:31:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



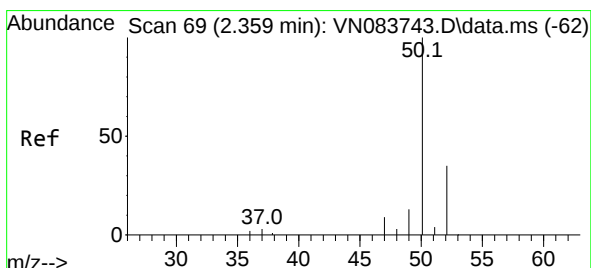
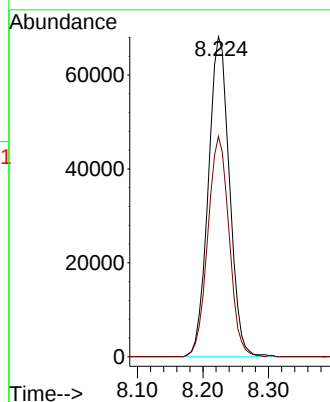
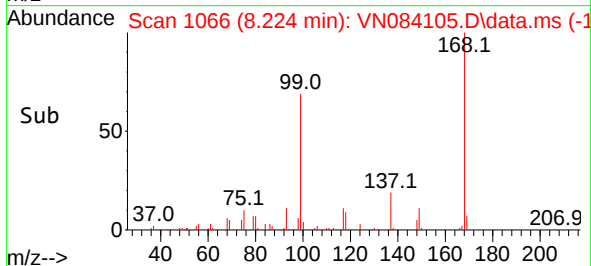


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :

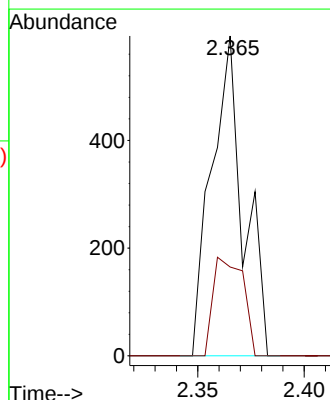
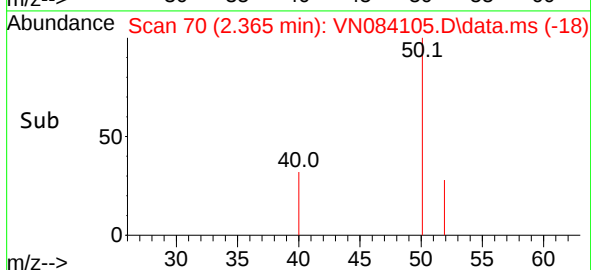
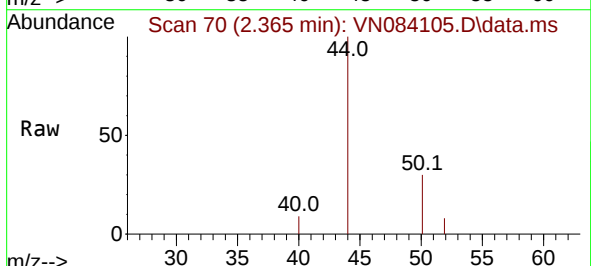


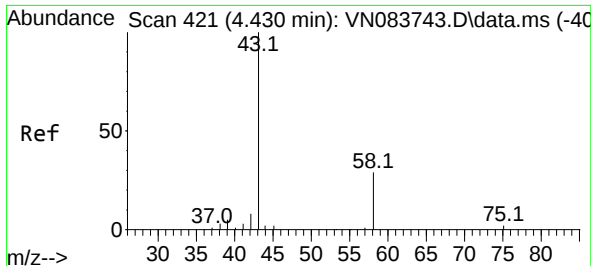
Tgt Ion:168 Resp: 152574
Ion Ratio Lower Upper
168 100
99 68.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion: 50 Resp: 620
Ion Ratio Lower Upper
50 100
52 27.8 27.2 40.8

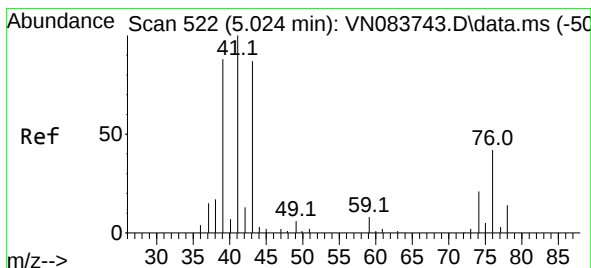
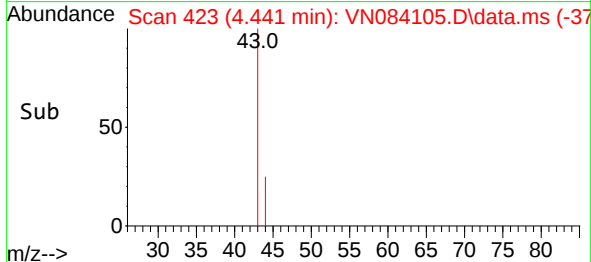
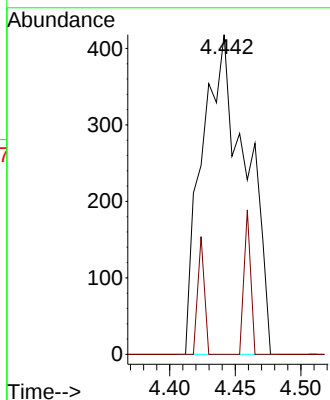
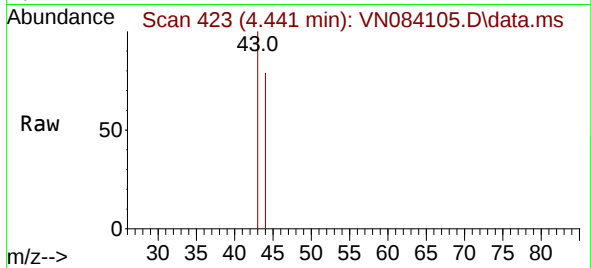




#16
Acetone
Concen: 1.056 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

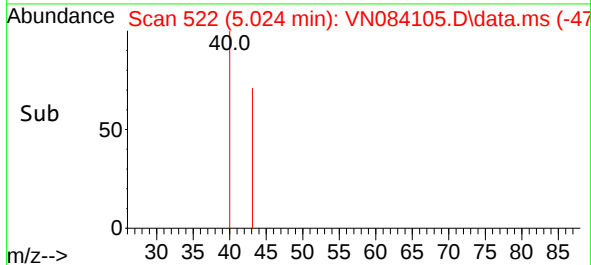
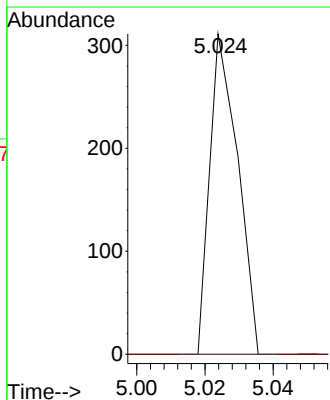
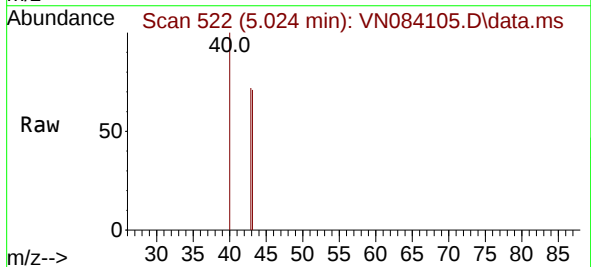
Instrument :
MSVOA_N
ClientSampleId :

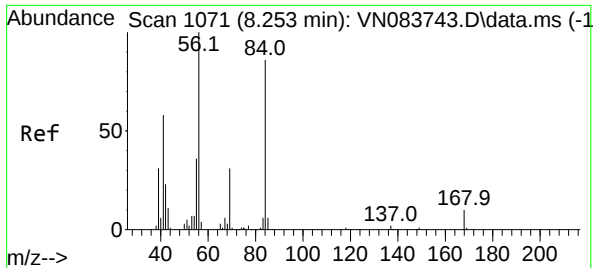
Tgt Ion: 43 Resp: 974
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

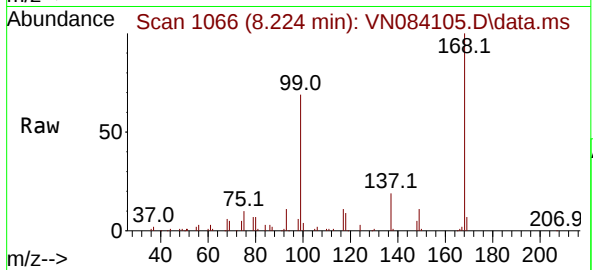
Tgt Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



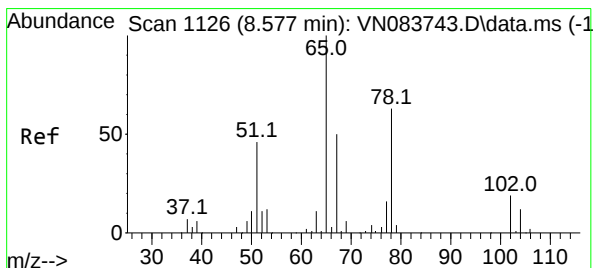
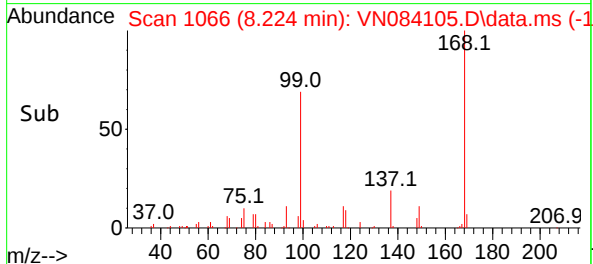
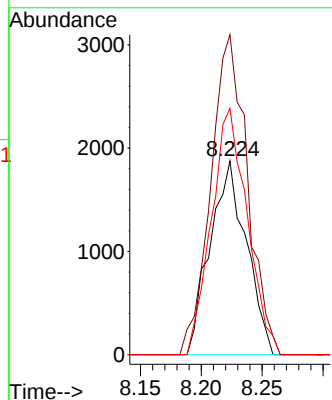


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :

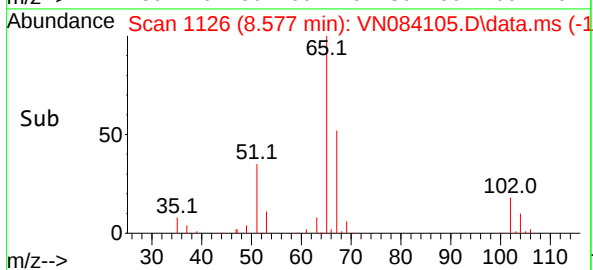
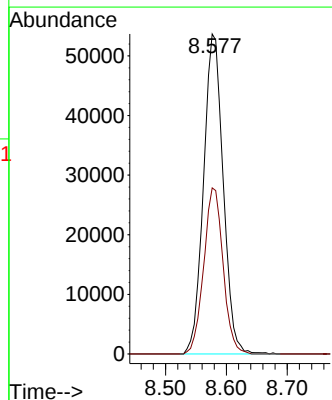
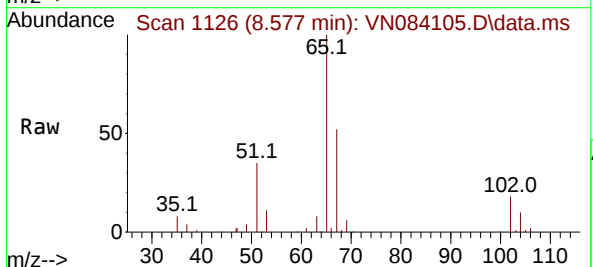


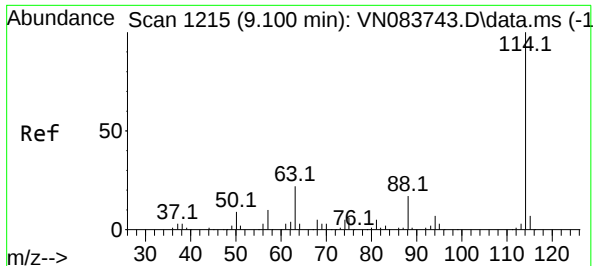
Tgt Ion: 56 Resp: 3889
Ion Ratio Lower Upper
56 100
69 165.2 26.9 40.3#
84 127.1 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 52.322 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion: 65 Resp: 120373
Ion Ratio Lower Upper
65 100
67 51.1 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: VN084105.D

Acq: 23 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

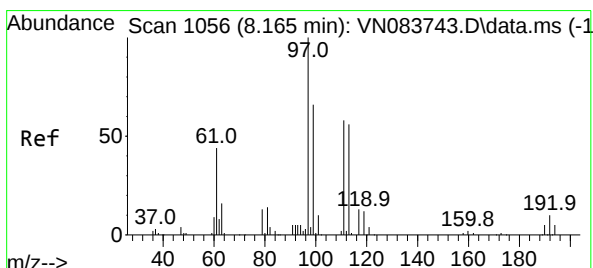
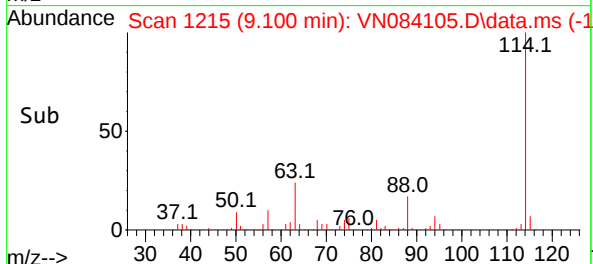
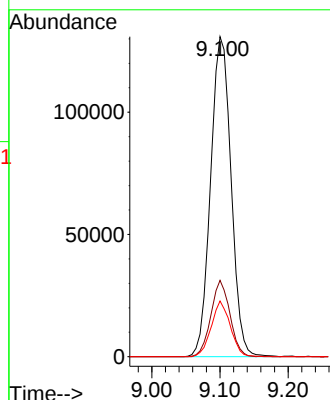
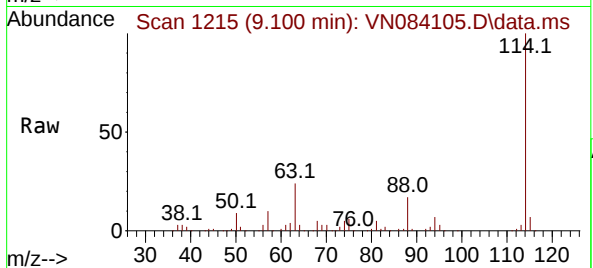
Tgt Ion:114 Resp: 274045

Ion Ratio Lower Upper

114 100

63 23.9 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.415 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

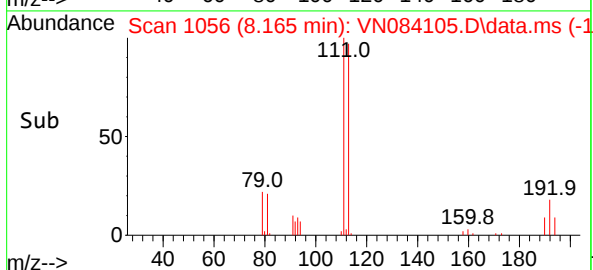
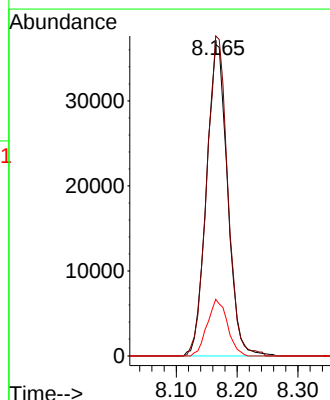
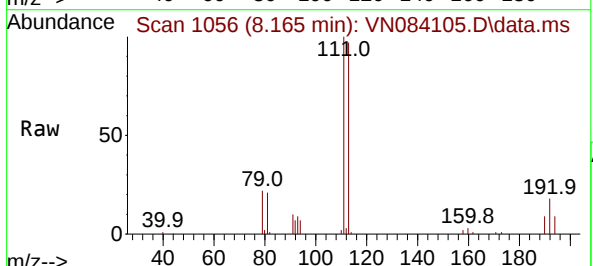
Tgt Ion:113 Resp: 88448

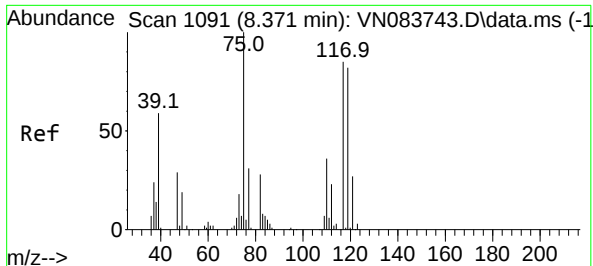
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.407 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

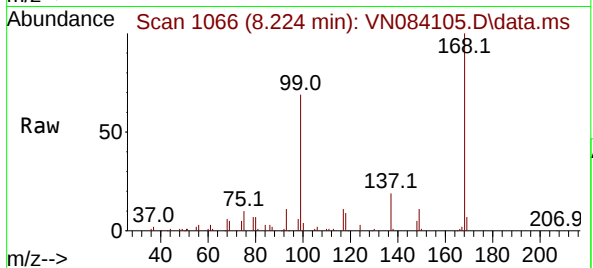
Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

Instrument :

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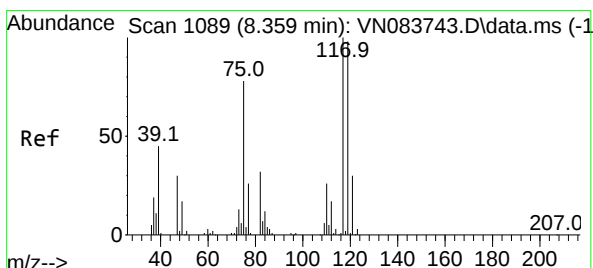
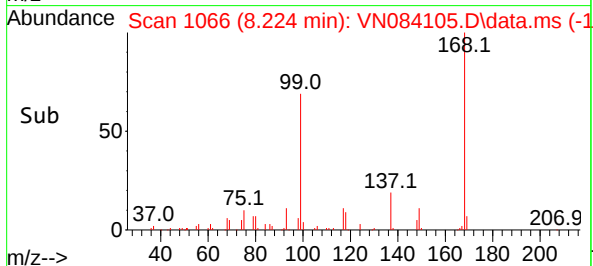
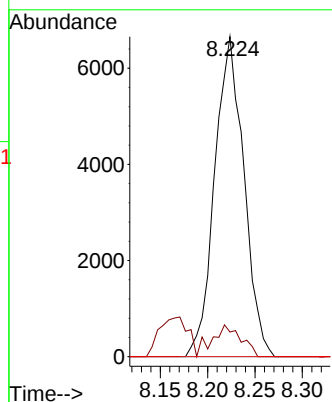
Tgt Ion: 75 Resp: 14277

Ion Ratio Lower Upper

75 100

110 9.8 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.746 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

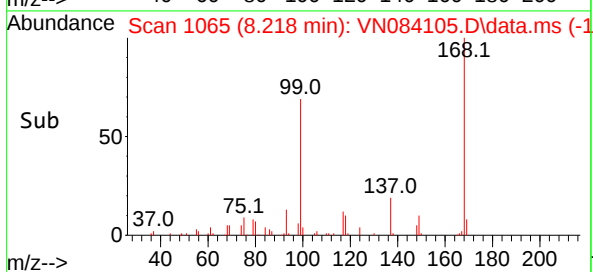
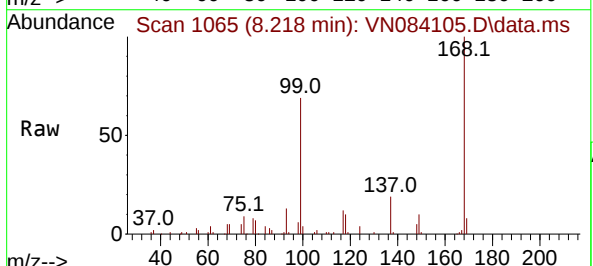
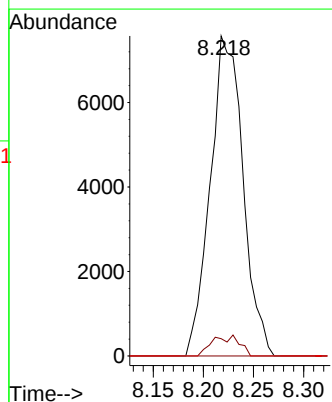
Tgt Ion: 117 Resp: 17213

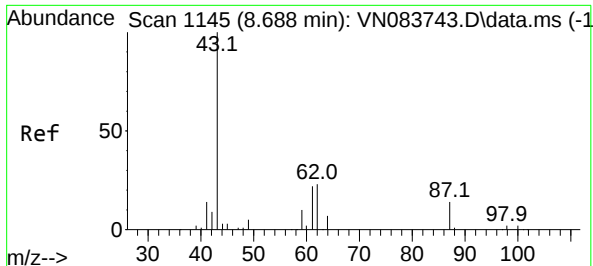
Ion Ratio Lower Upper

117 100

119 5.4 76.1 114.1#

121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 0.712 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.012 min

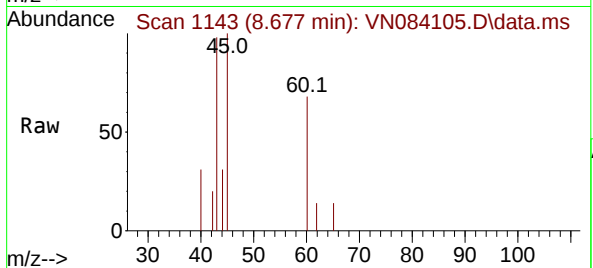
Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

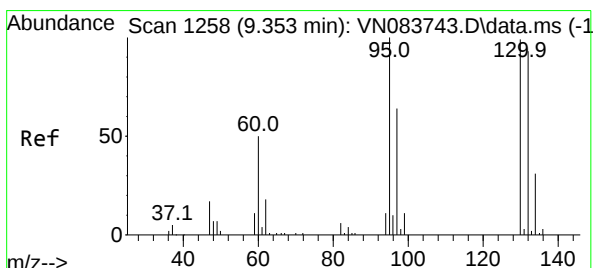
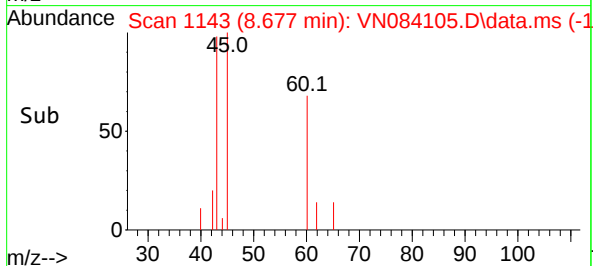
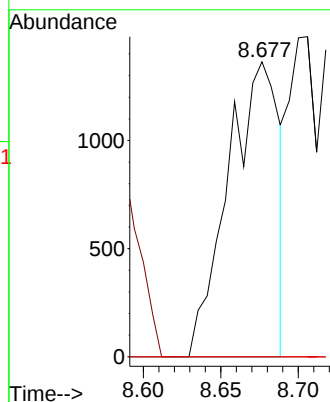
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 3094
Ion Ratio	Lower Upper
43	100
61	0.0 19.4 29.0#
87	0.0 9.8 14.6#



#44

Trichloroethene

Concen: 15.481 ug/l

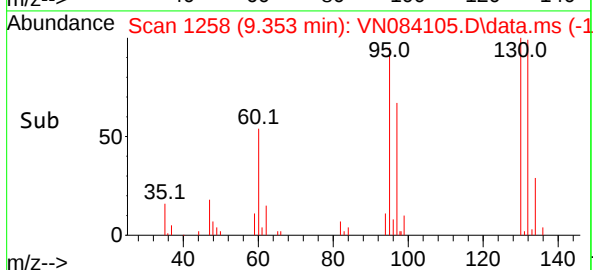
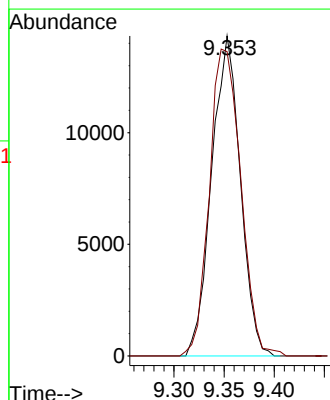
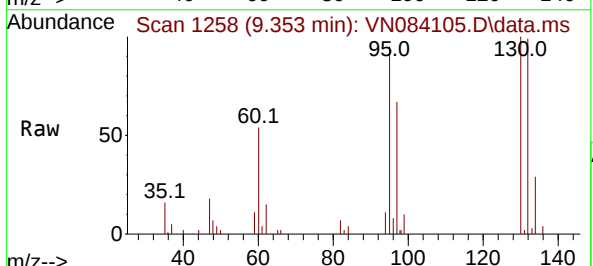
RT: 9.353 min Scan# 1258

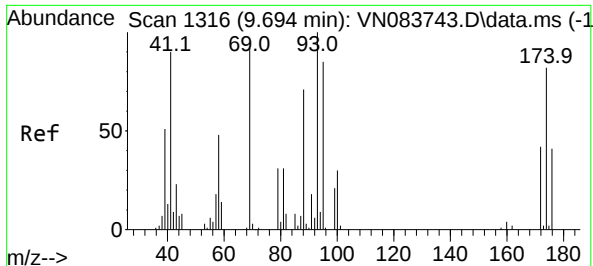
Delta R.T. -0.000 min

Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

Tgt Ion: 130	Resp: 28493
Ion Ratio	Lower Upper
130	100
95	95.1 0.0 200.4





#49

1,4-Dioxane

Concen: 5.369 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

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MSVOA_N

ClientSampleId :

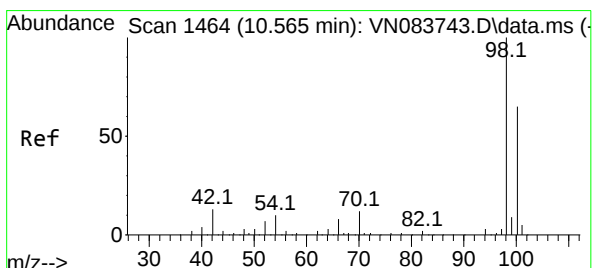
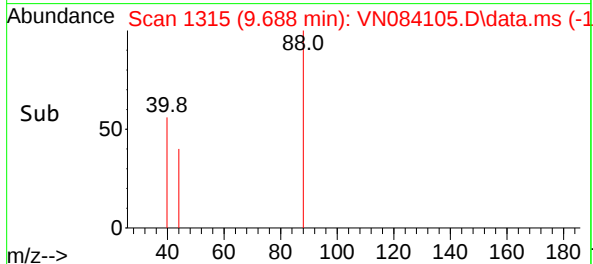
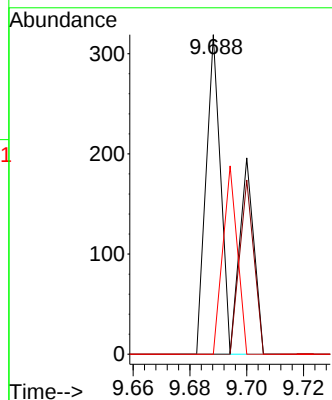
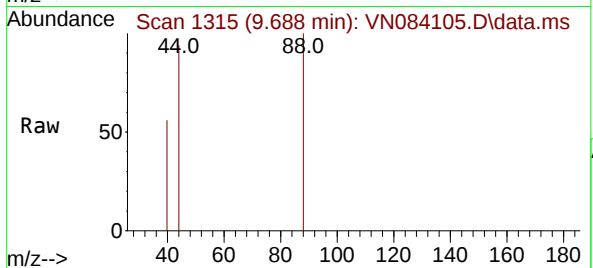
Tgt Ion: 88 Resp: 182

Ion Ratio Lower Upper

88 100

43 33.5 0.0 0.0#

58 36.3 57.1 85.7#



#50

Toluene-d8

Concen: 53.727 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084105.D

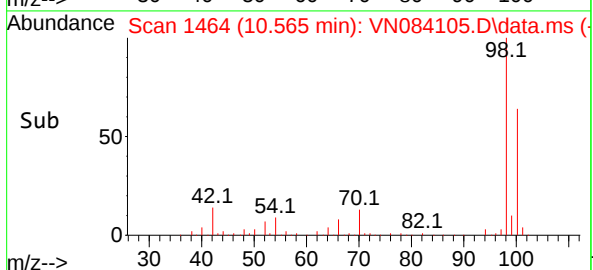
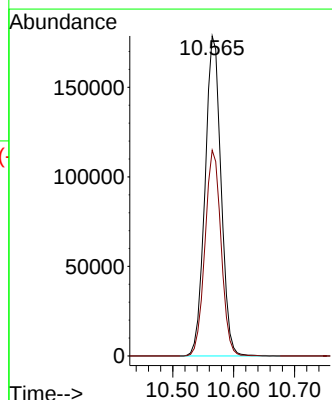
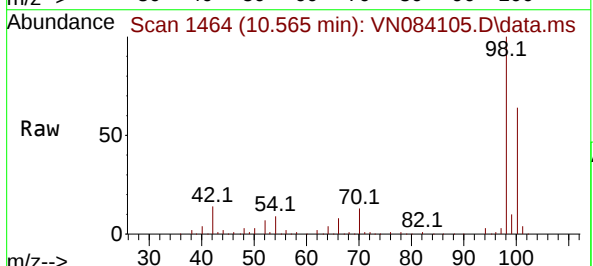
Acq: 23 Sep 2024 13:05

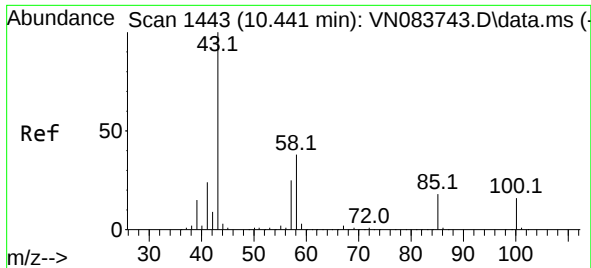
Tgt Ion: 98 Resp: 325858

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.721 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.123 min

Lab File: VN084105.D

Acq: 23 Sep 2024 13:05

Instrument :

MSVOA_N

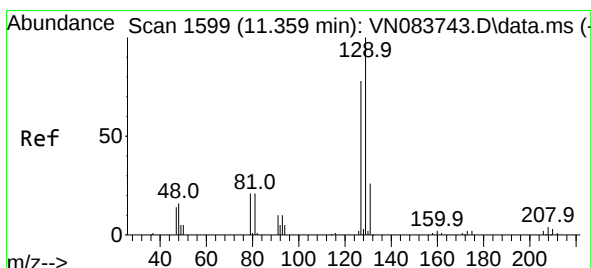
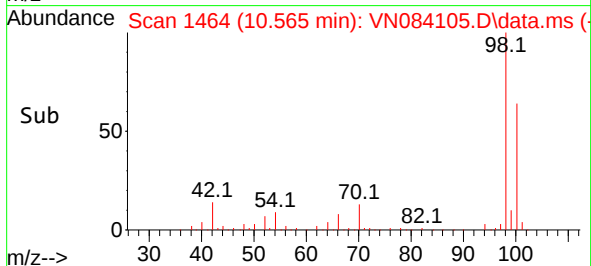
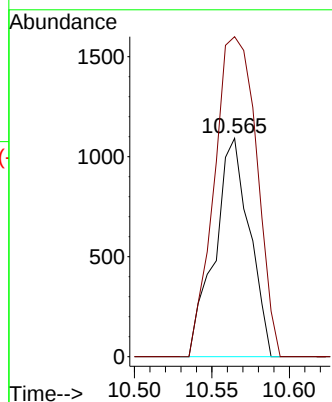
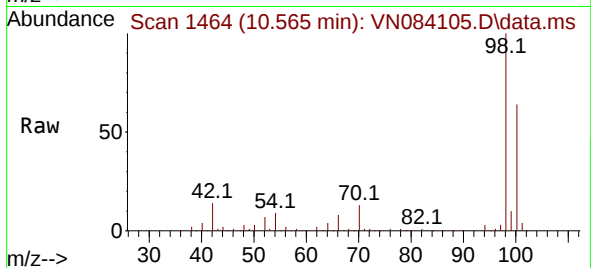
ClientSampleId :

Tgt Ion: 43 Resp: 1705

Ion Ratio Lower Upper

43 100

58 178.5 31.6 47.4#



#60

Dibromochloromethane

Concen: 0.770 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.253 min

Lab File: VN084105.D

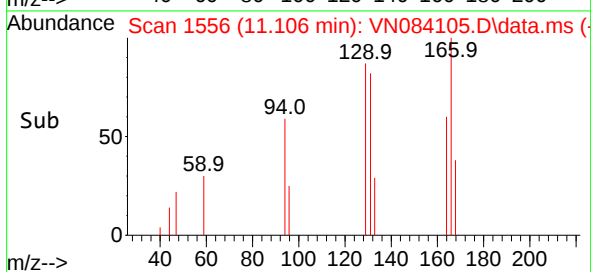
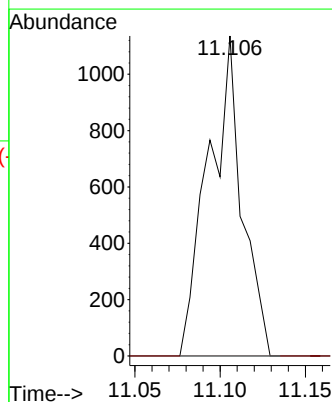
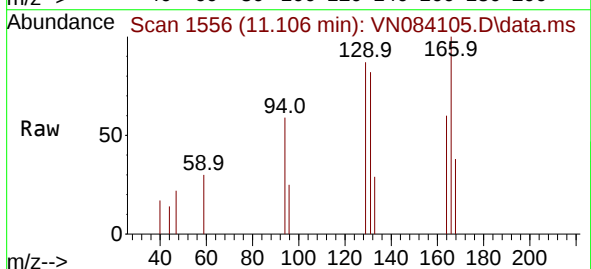
Acq: 23 Sep 2024 13:05

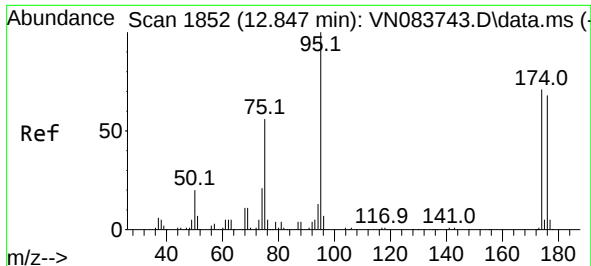
Tgt Ion: 129 Resp: 1563

Ion Ratio Lower Upper

129 100

127 0.0 39.0 116.9#

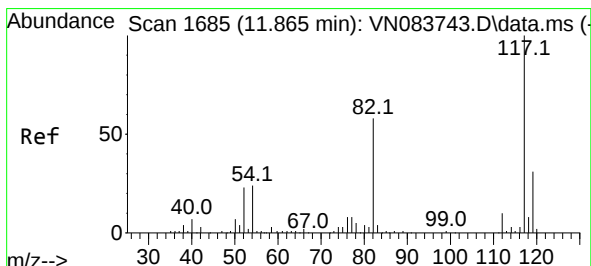
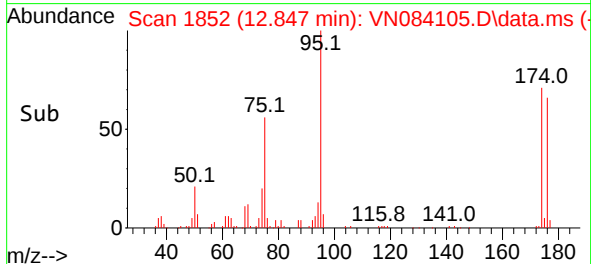
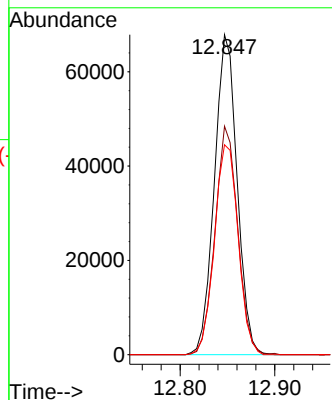
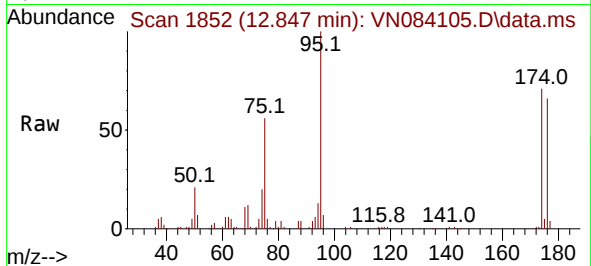




#62
4-Bromofluorobenzene
Concen: 45.144 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

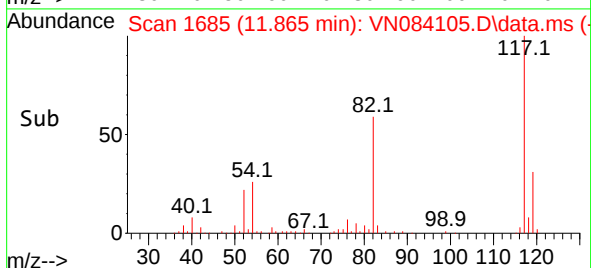
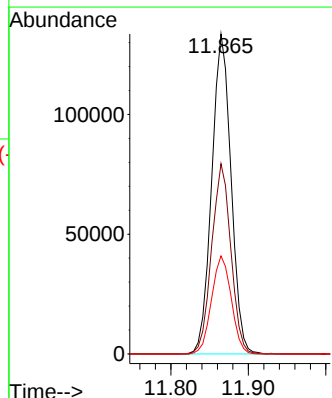
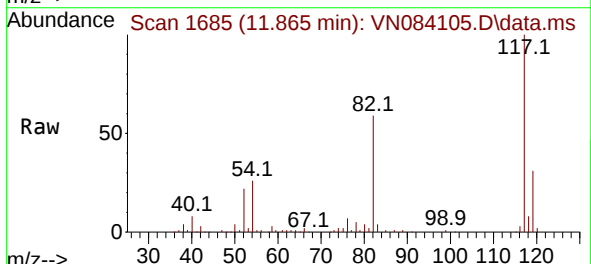
Instrument :
MSVOA_N
ClientSampleId :

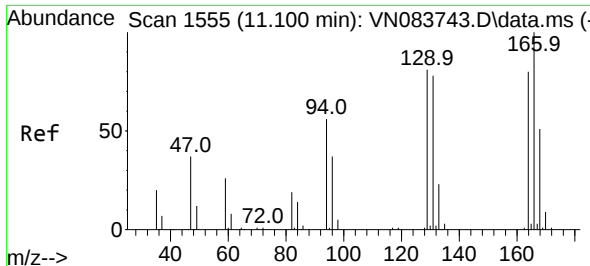
Tgt Ion: 95 Resp: 112964
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

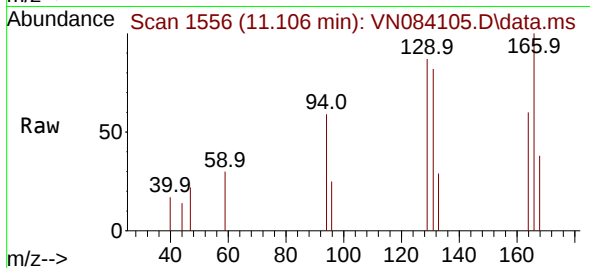
Tgt Ion: 117 Resp: 231383
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 30.7 26.3 39.5



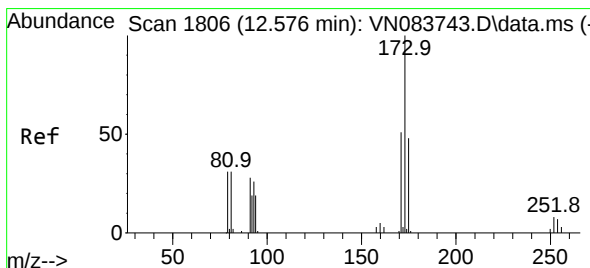
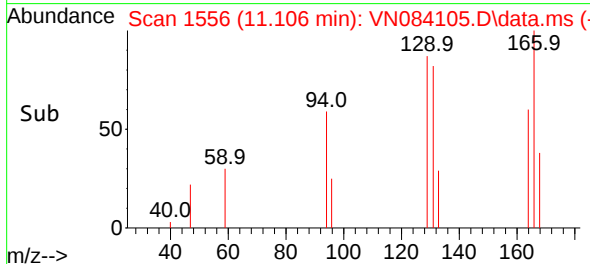
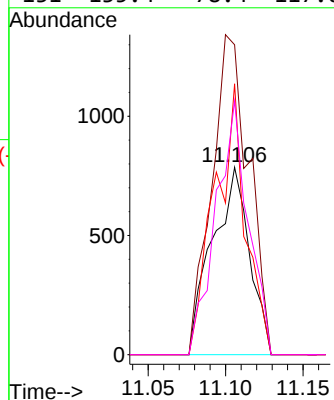


#64
Tetrachloroethene
Concen: 0.848 ug/l
RT: 11.106 min Scan# 11106
Delta R.T. 0.006 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :

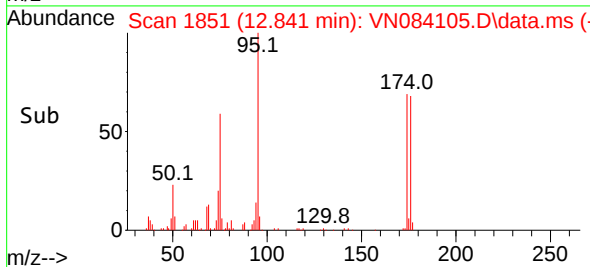
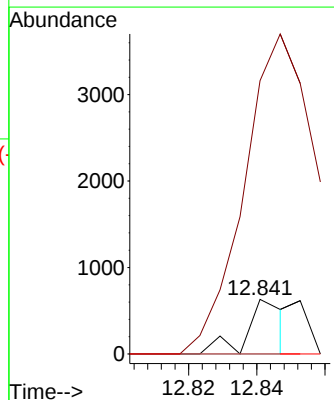
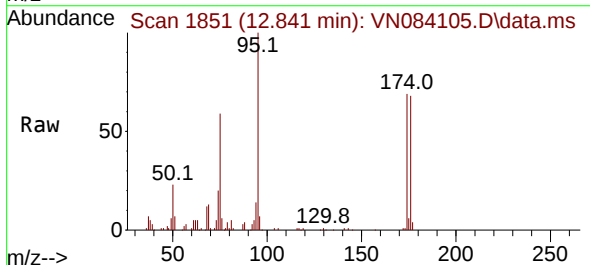


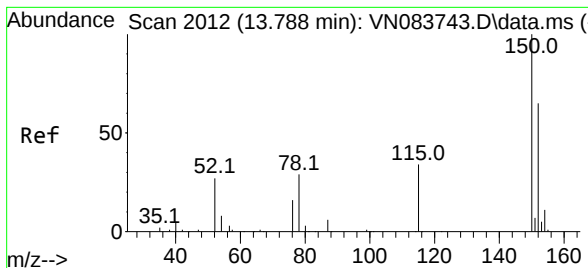
Tgt Ion:164 Resp: 1305
Ion Ratio Lower Upper
164 100
166 165.4 103.7 155.5#
129 144.5 79.9 119.9#
131 135.4 78.4 117.6#



#71
Bromoform
Concen: 0.397 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Tgt Ion:173 Resp: 477
Ion Ratio Lower Upper
173 100
175 927.3 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: VN084105.D

Acq: 23 Sep 2024 13:05

Instrument :

MSVOA_N

ClientSampleId :

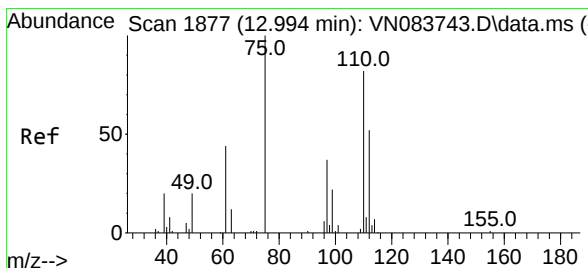
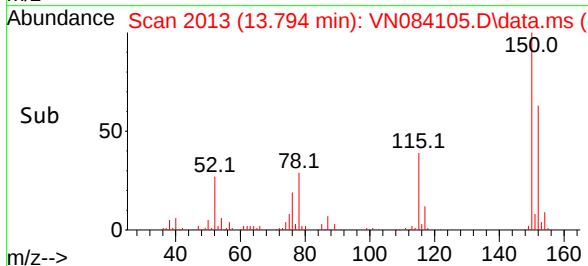
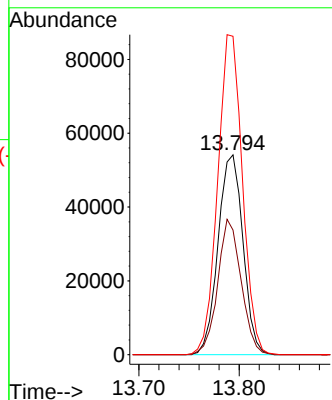
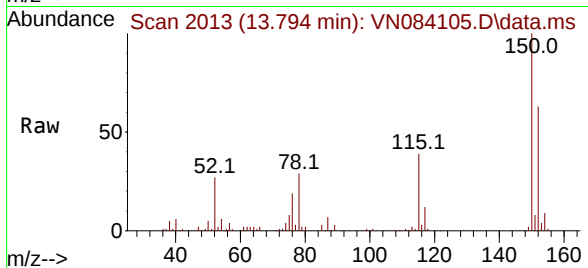
Tgt Ion:152 Resp: 93332

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 158.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 34.052 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084105.D

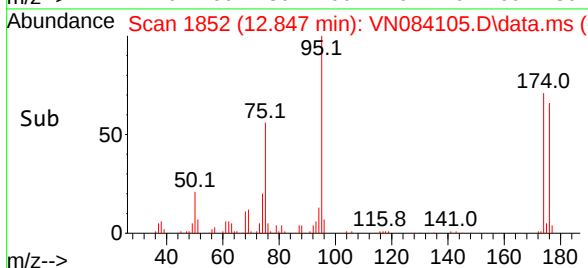
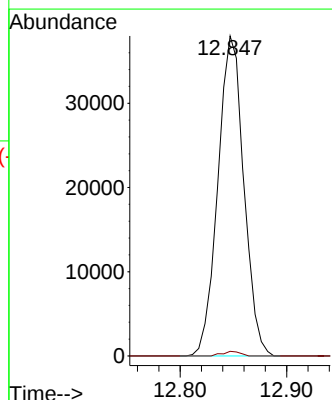
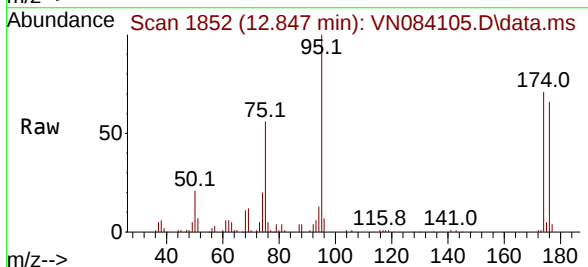
Acq: 23 Sep 2024 13:05

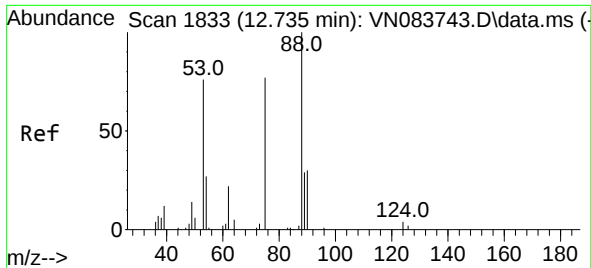
Tgt Ion: 75 Resp: 64128

Ion Ratio Lower Upper

75 100

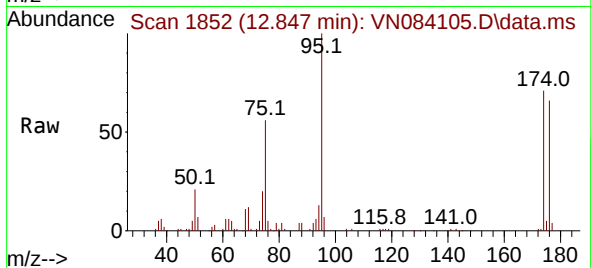
77 1.0 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.184 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084105.D
Acq: 23 Sep 2024 13:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 64128
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

