

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083925.D
 Acq On : 16 Sep 2024 18:15
 Operator : JC\MD
 Sample : P3876-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 02:36:42 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)

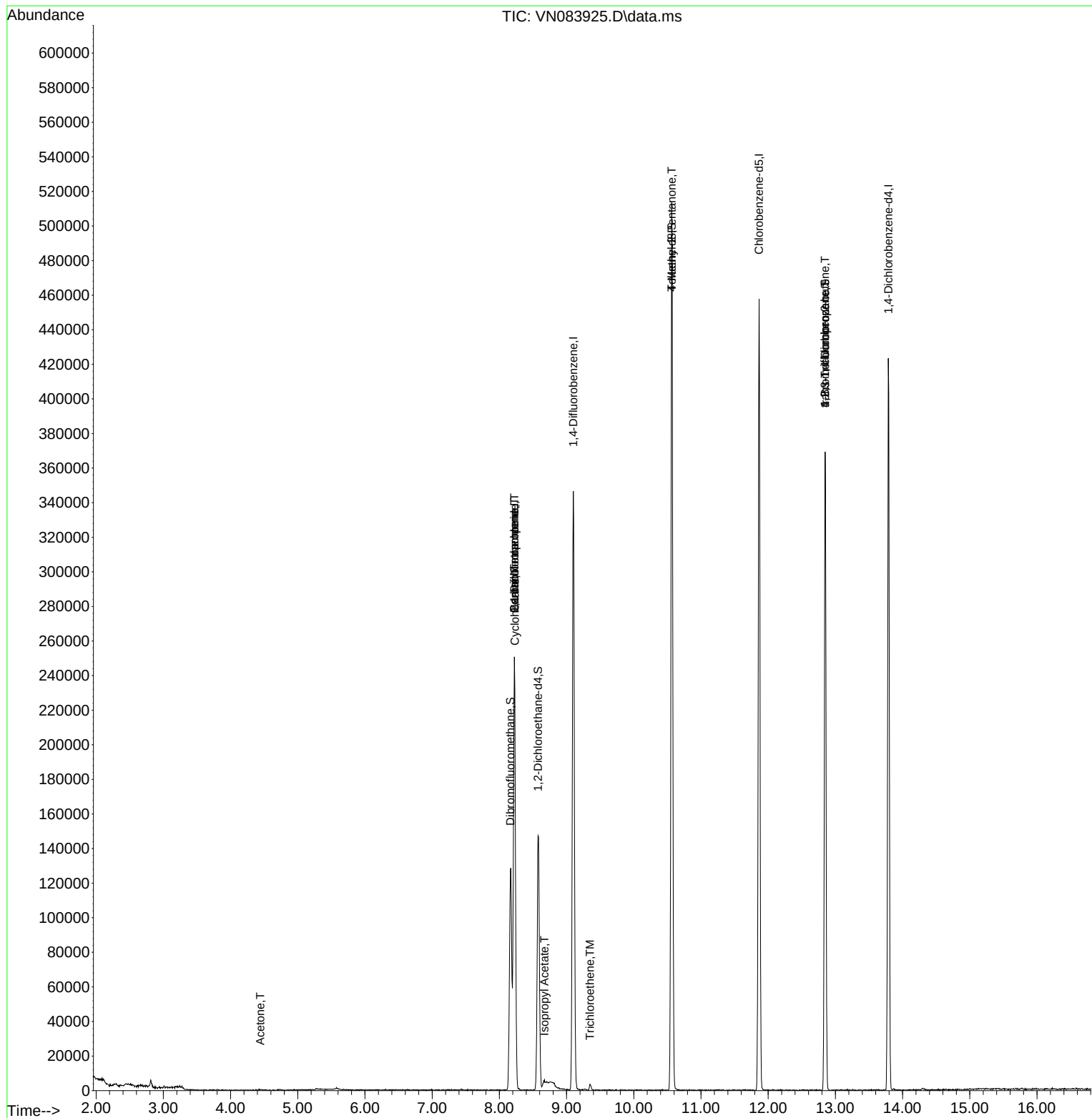
Internal Standards						
1) Pentafluorobenzene	8.224	168	163936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127775	51.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.380%	
35) Dibromofluoromethane	8.165	113	90795	49.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.960%	
50) Toluene-d8	10.565	98	335242	52.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.847	95	126274	48.248	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	649	Below Cal		98
16) Acetone	4.442	43	718	0.725 ug/l	#	45
18) Methyl Acetate	5.030	43	125	Below Cal	#	52
31) Cyclohexane	8.230	56	4686	1.312 ug/l	#	48
36) 1,1-Dichloropropene	8.224	75	15311	5.544 ug/l	#	50
38) Carbon Tetrachloride	8.224	117	18478	5.897 ug/l	#	14
43) Isopropyl Acetate	8.671	43	3696	0.814 ug/l	#	57
44) Trichloroethene	9.347	130	1223	0.635 ug/l		80
51) 4-Methyl-2-Pentanone	10.565	43	1902	0.769 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	71550	33.773 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71550	88.454 ug/l	#	9

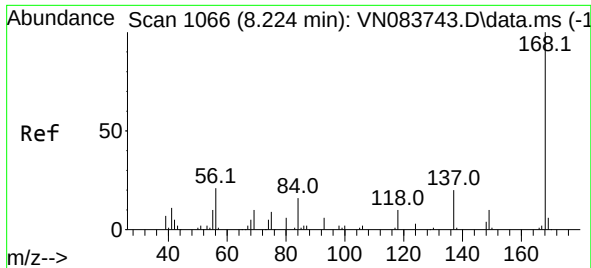
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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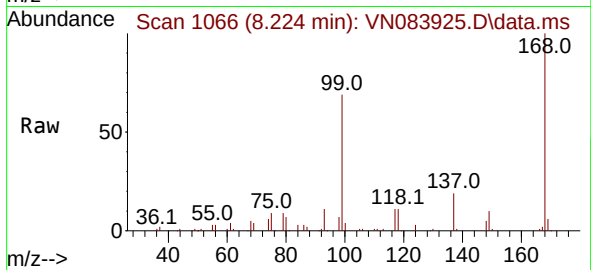
Quant Time: Sep 17 02:36:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



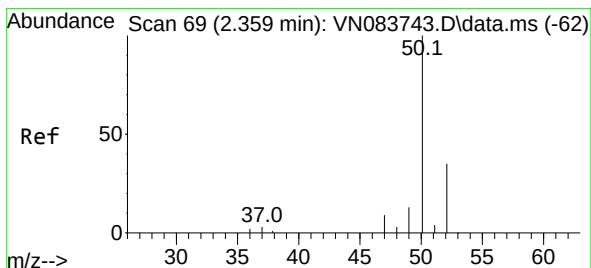
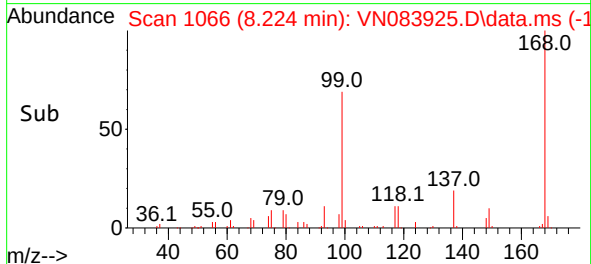
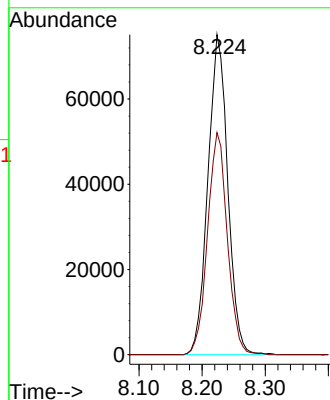


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

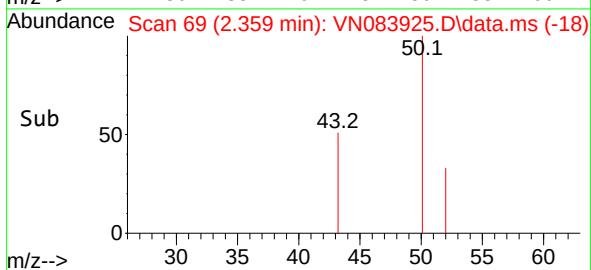
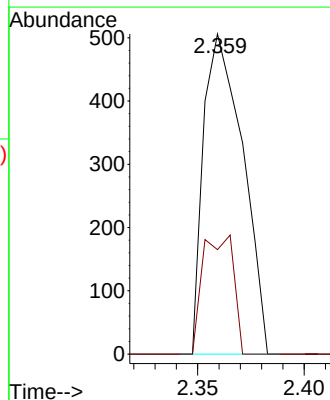
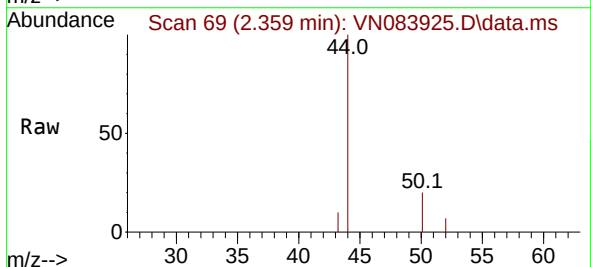


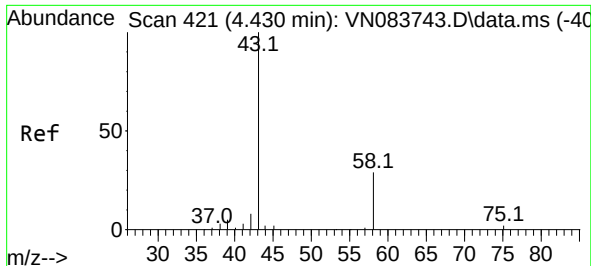
Tgt Ion:168 Resp: 163936
Ion Ratio Lower Upper
168 100
99 69.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

Tgt Ion: 50 Resp: 649
Ion Ratio Lower Upper
50 100
52 32.6 27.2 40.8

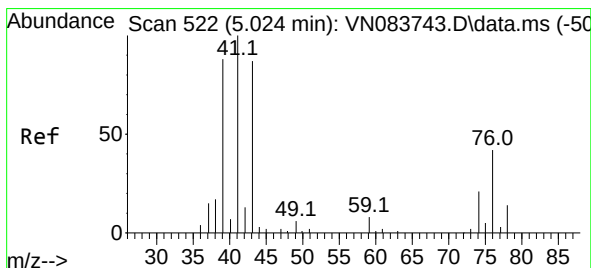
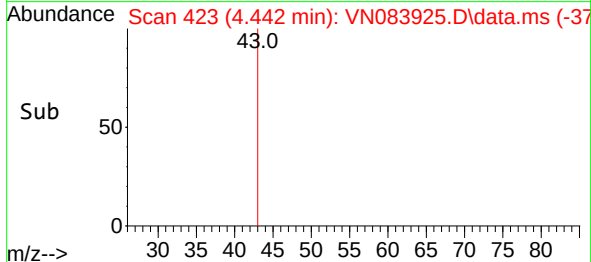
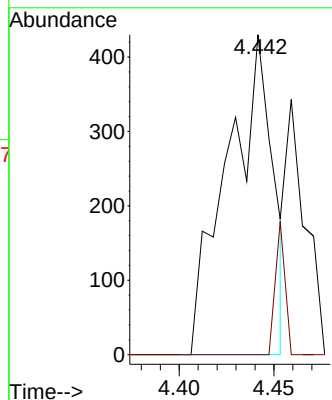
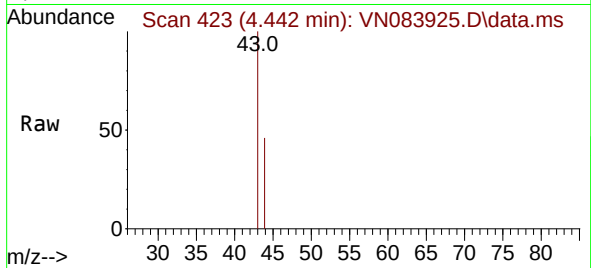




#16
Acetone
Concen: 0.725 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

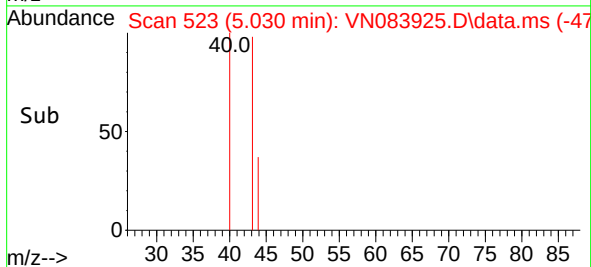
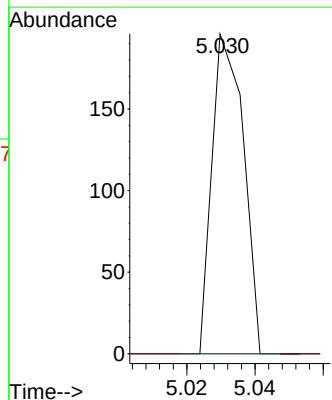
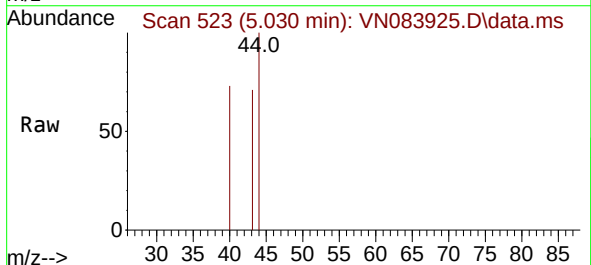
Instrument :
MSVOA_N
ClientSampleId :

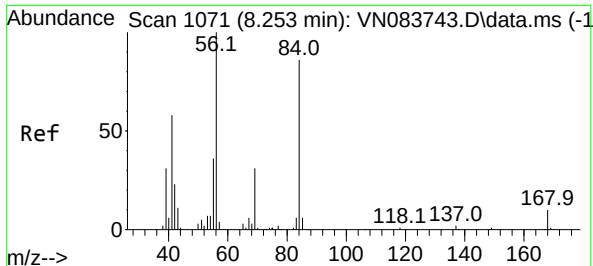
Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

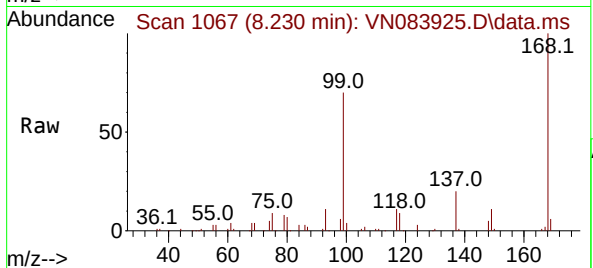
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



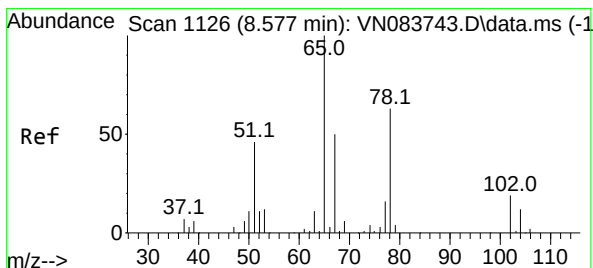
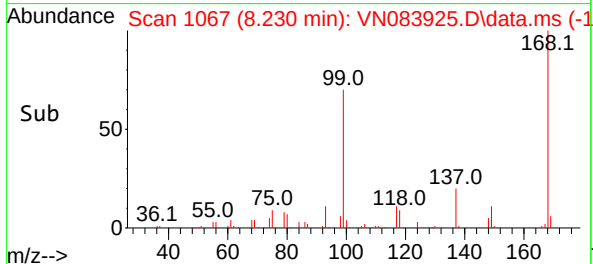
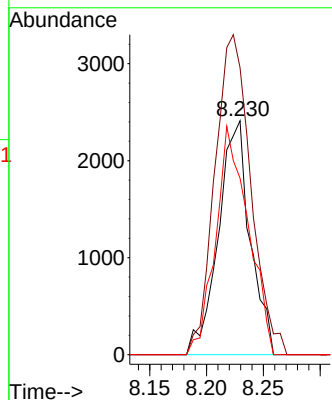


#31
Cyclohexane
Concen: 1.312 ug/l
RT: 8.230 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :

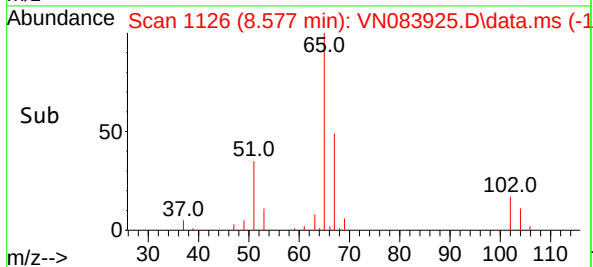
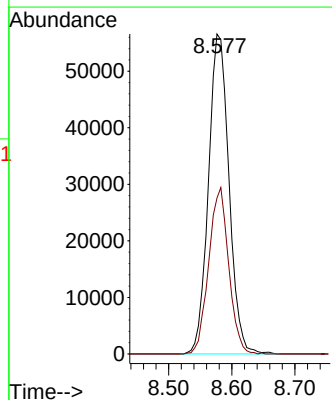
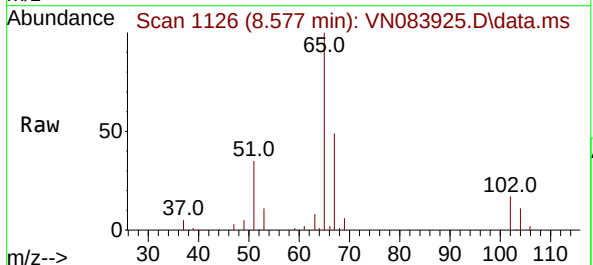


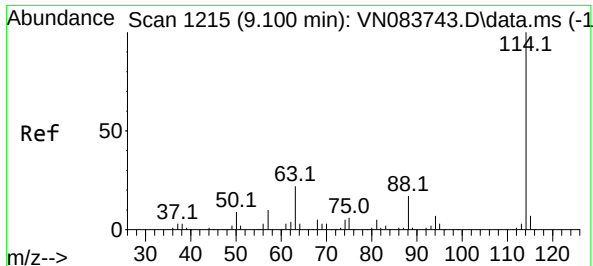
Tgt Ion: 56 Resp: 4686
Ion Ratio Lower Upper
56 100
69 122.7 26.9 40.3#
84 75.4 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 51.691 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

Tgt Ion: 65 Resp: 127775
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: VN083925.D

Acq: 16 Sep 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

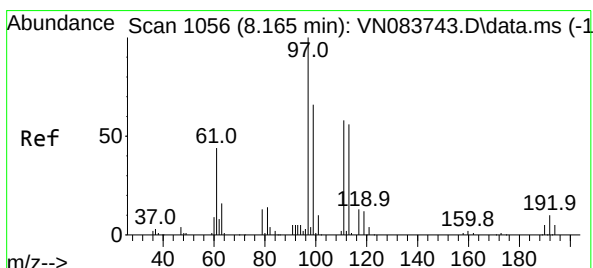
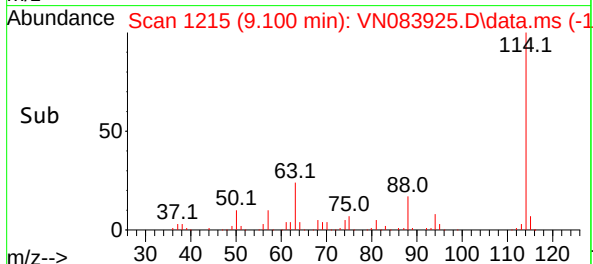
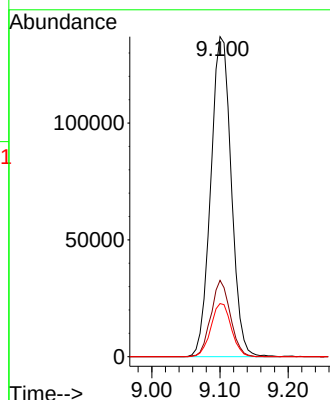
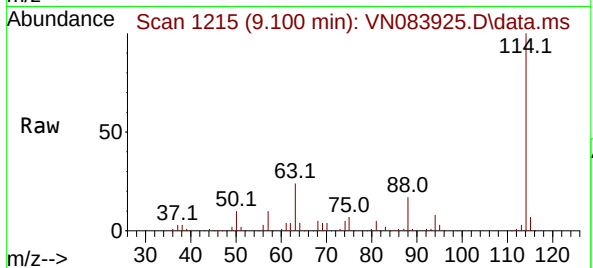
Tgt Ion:114 Resp: 286628

Ion Ratio Lower Upper

114 100

63 23.9 0.0 43.4

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.481 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083925.D

Acq: 16 Sep 2024 18:15

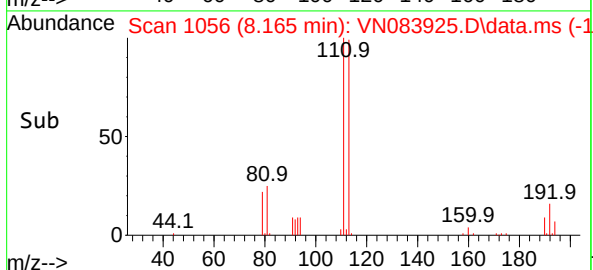
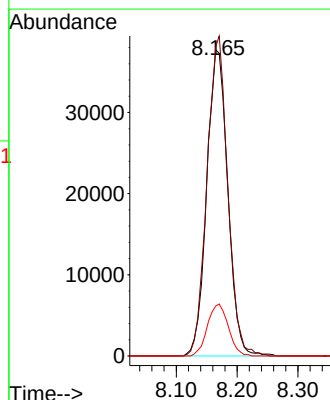
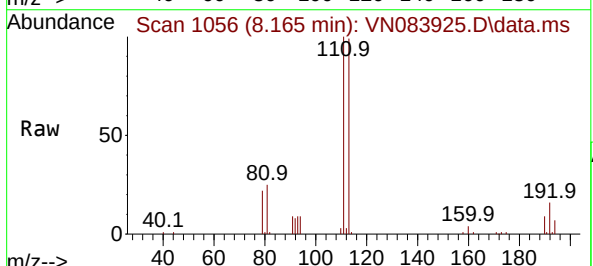
Tgt Ion:113 Resp: 90795

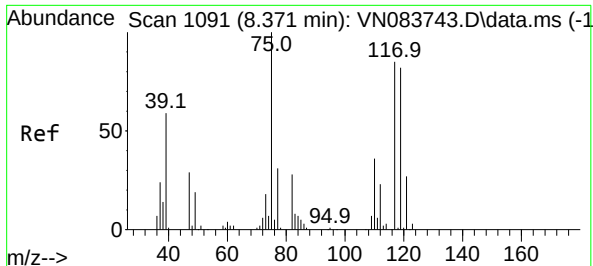
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 16.8 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.544 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

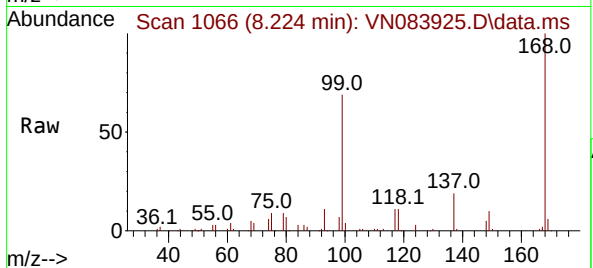
Lab File: VN083925.D

Acq: 16 Sep 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :



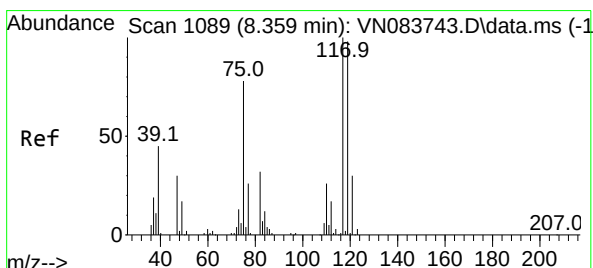
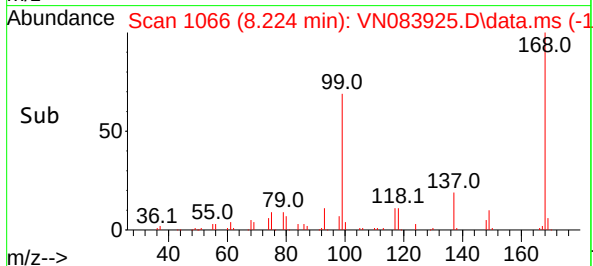
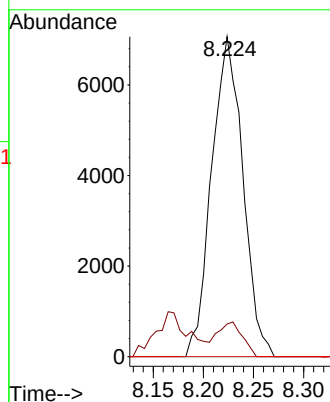
Tgt Ion: 75 Resp: 15311

Ion Ratio Lower Upper

75 100

110 8.5 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.897 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083925.D

Acq: 16 Sep 2024 18:15

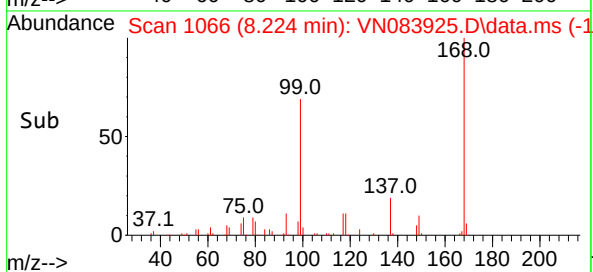
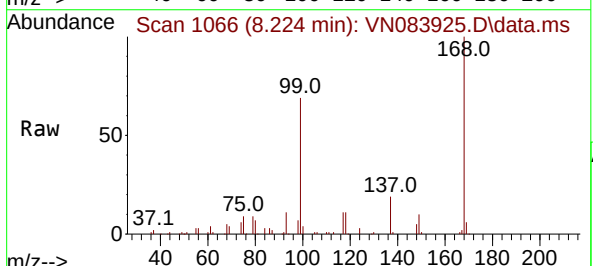
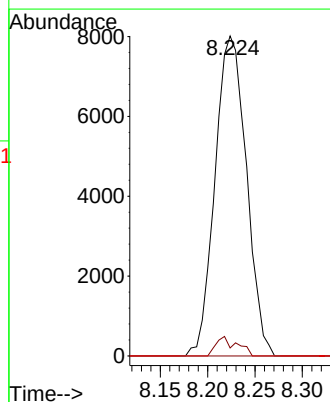
Tgt Ion: 117 Resp: 18478

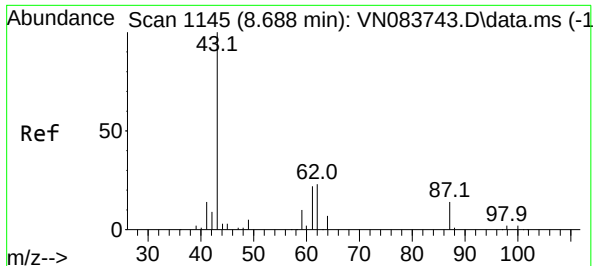
Ion Ratio Lower Upper

117 100

119 2.5 76.1 114.1#

121 0.0 24.1 36.1#

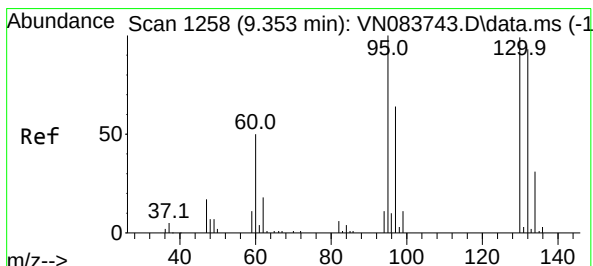
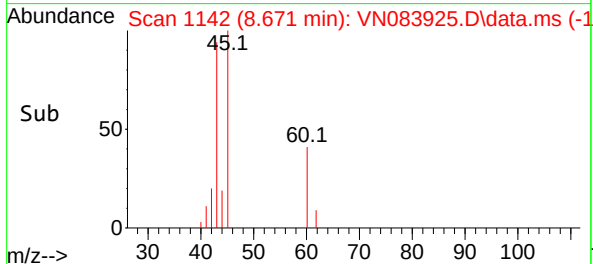
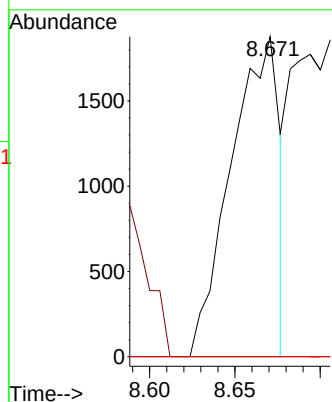
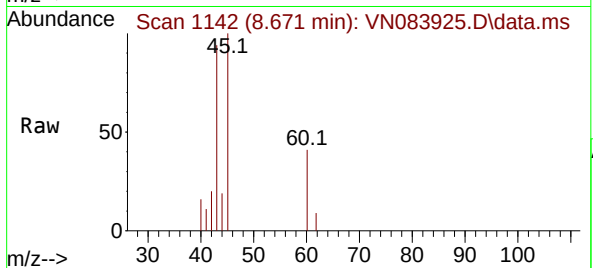




#43
Isopropyl Acetate
Concen: 0.814 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

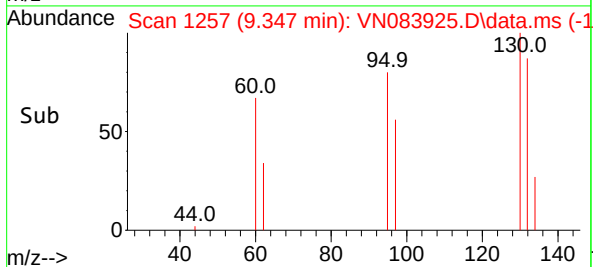
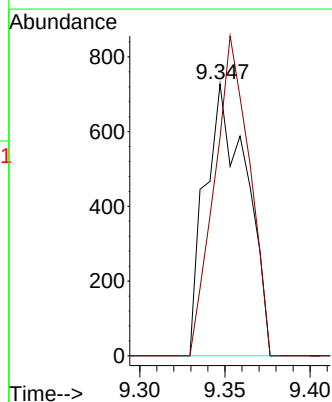
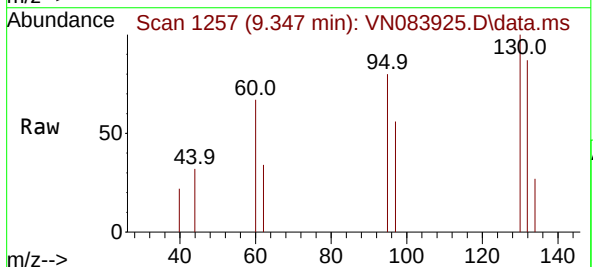
Instrument :
MSVOA_N
ClientSampleId :

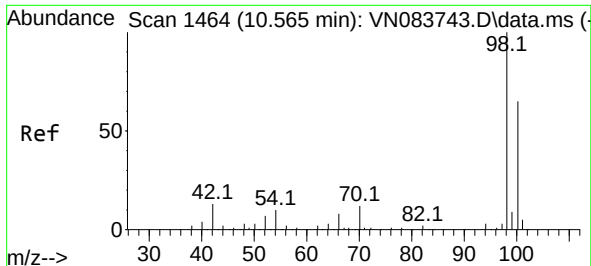
Tgt Ion: 43 Resp: 3696
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.635 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

Tgt Ion:130 Resp: 1223
Ion Ratio Lower Upper
130 100
95 80.3 0.0 200.4

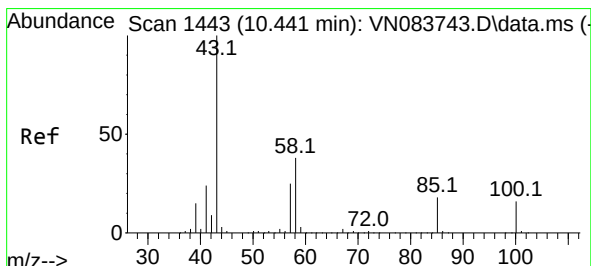
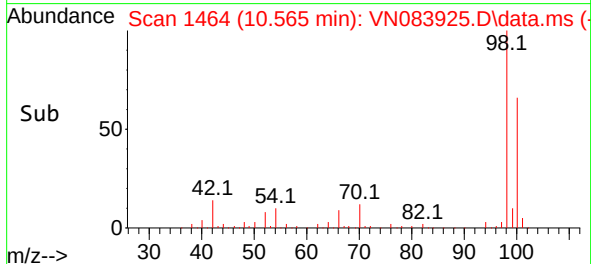
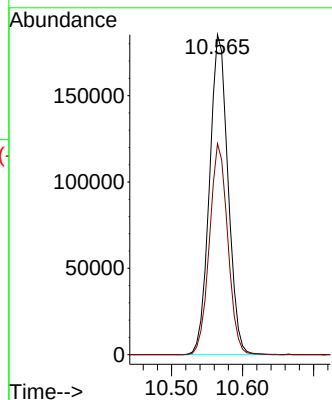
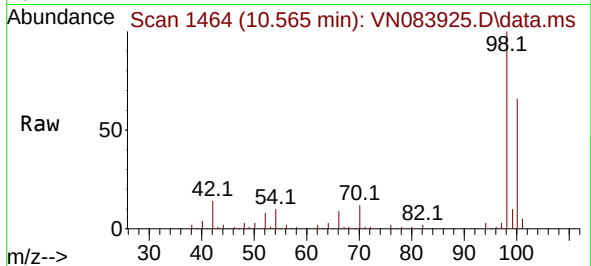




#50
Toluene-d8
Concen: 52.848 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

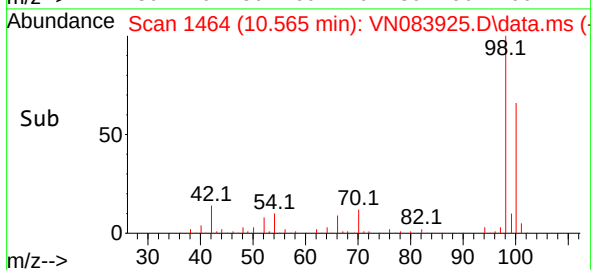
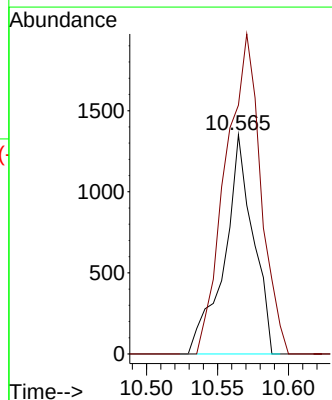
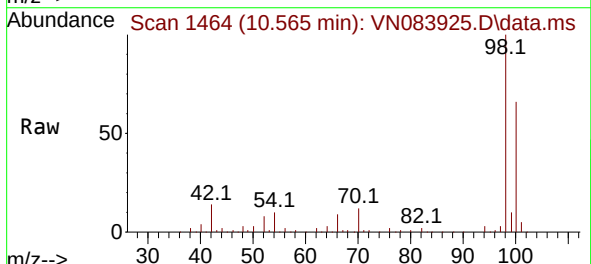
Instrument :
MSVOA_N
ClientSampleId :

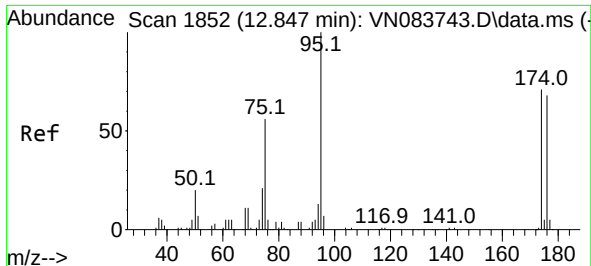
Tgt Ion: 98 Resp: 335242
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.769 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 178.3 31.6 47.4#

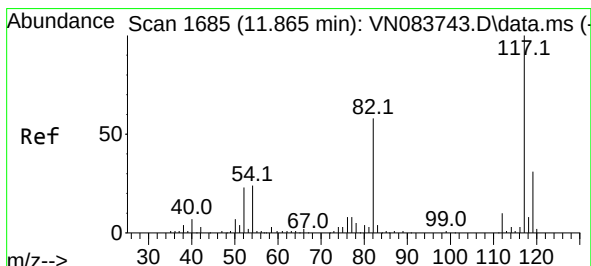
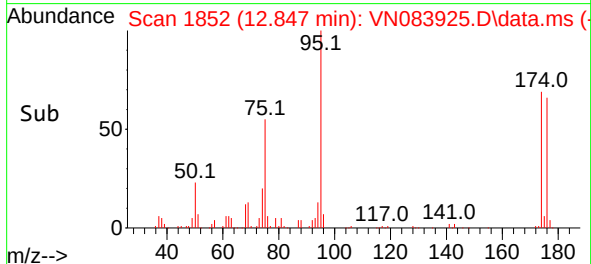
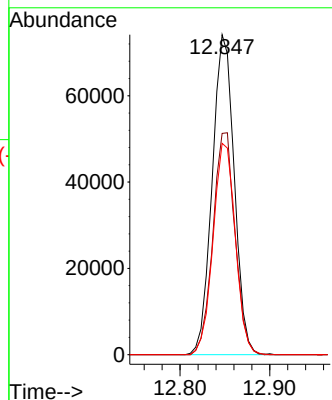
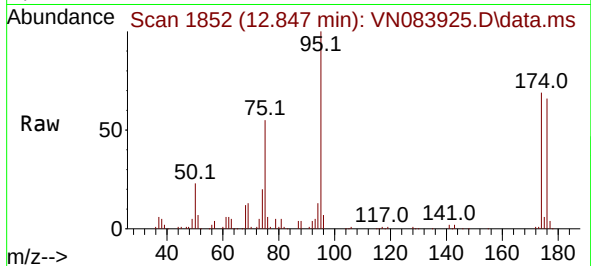




#62
4-Bromofluorobenzene
Concen: 48.248 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

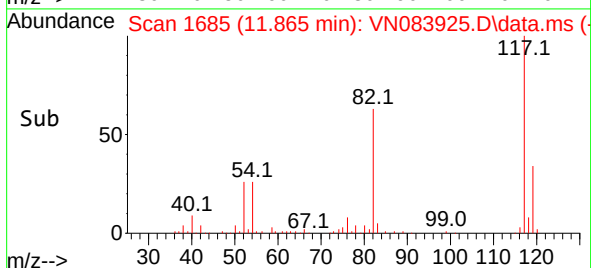
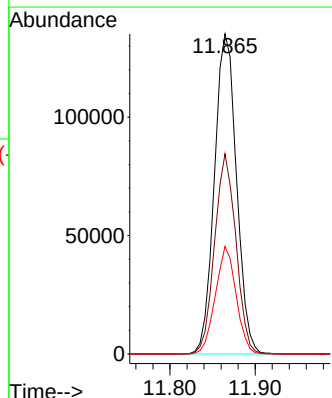
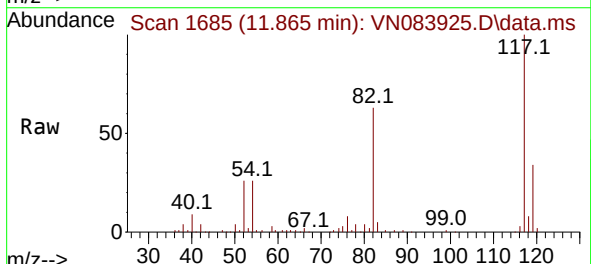
Instrument :
MSVOA_N
ClientSampleId :

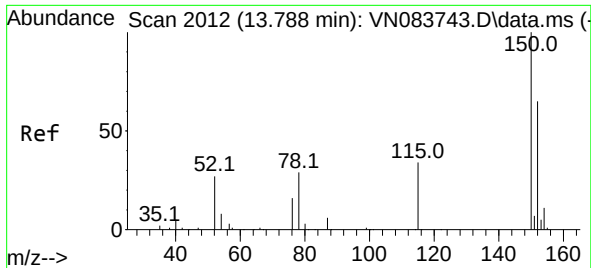
Tgt Ion: 95 Resp: 126274
Ion Ratio Lower Upper
95 100
174 69.8 0.0 139.8
176 66.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

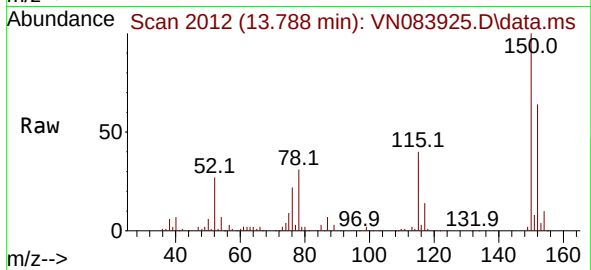
Tgt Ion: 117 Resp: 243425
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.0
119 33.6 26.3 39.5



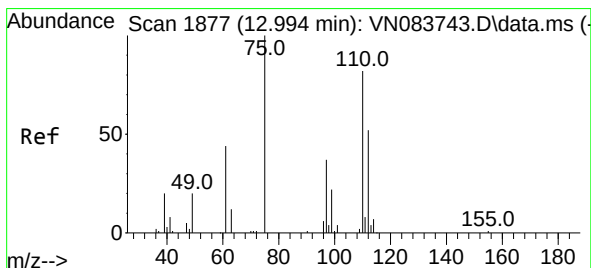
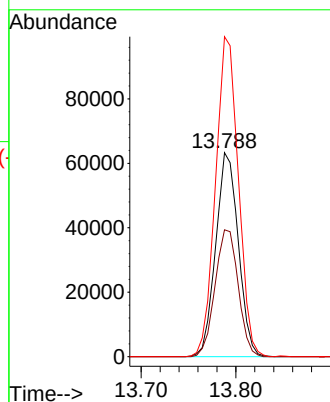
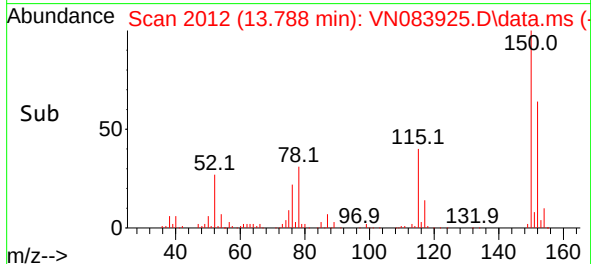


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083925.D
 Acq: 16 Sep 2024 18:15

Instrument :
 MSVOA_N
 ClientSampleId :

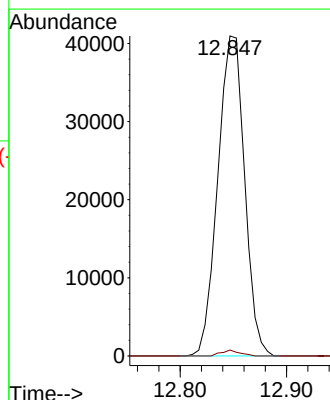
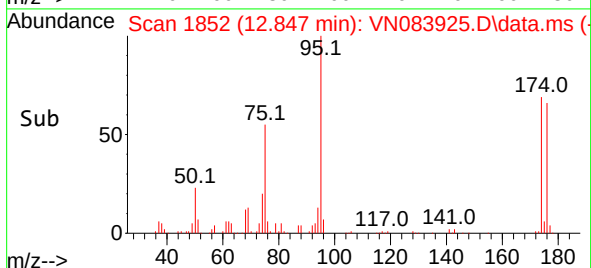
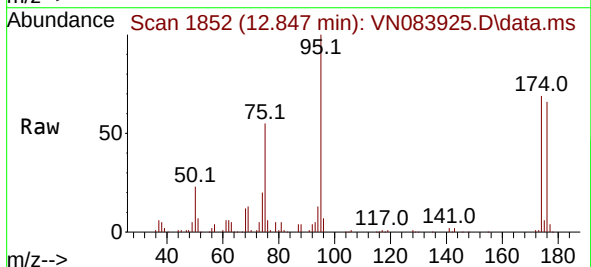


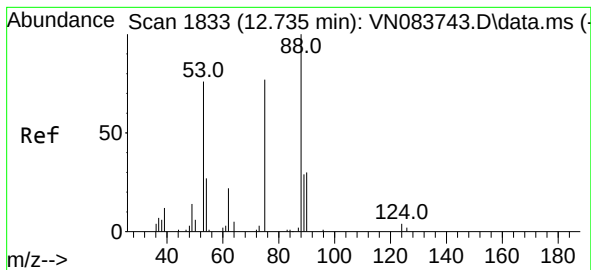
Tgt Ion:152 Resp: 104993
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.2 96.6
 150 158.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 33.773 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083925.D
 Acq: 16 Sep 2024 18:15

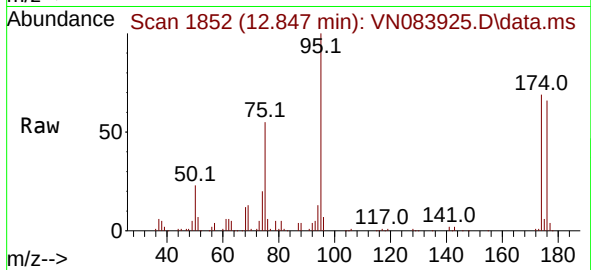
Tgt Ion: 75 Resp: 71550
 Ion Ratio Lower Upper
 75 100
 77 1.3 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.454 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083925.D
Acq: 16 Sep 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 71550
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

