

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083947.D
 Acq On : 17 Sep 2024 15:53
 Operator : JC\MD
 Sample : P3996-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:51:06 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)

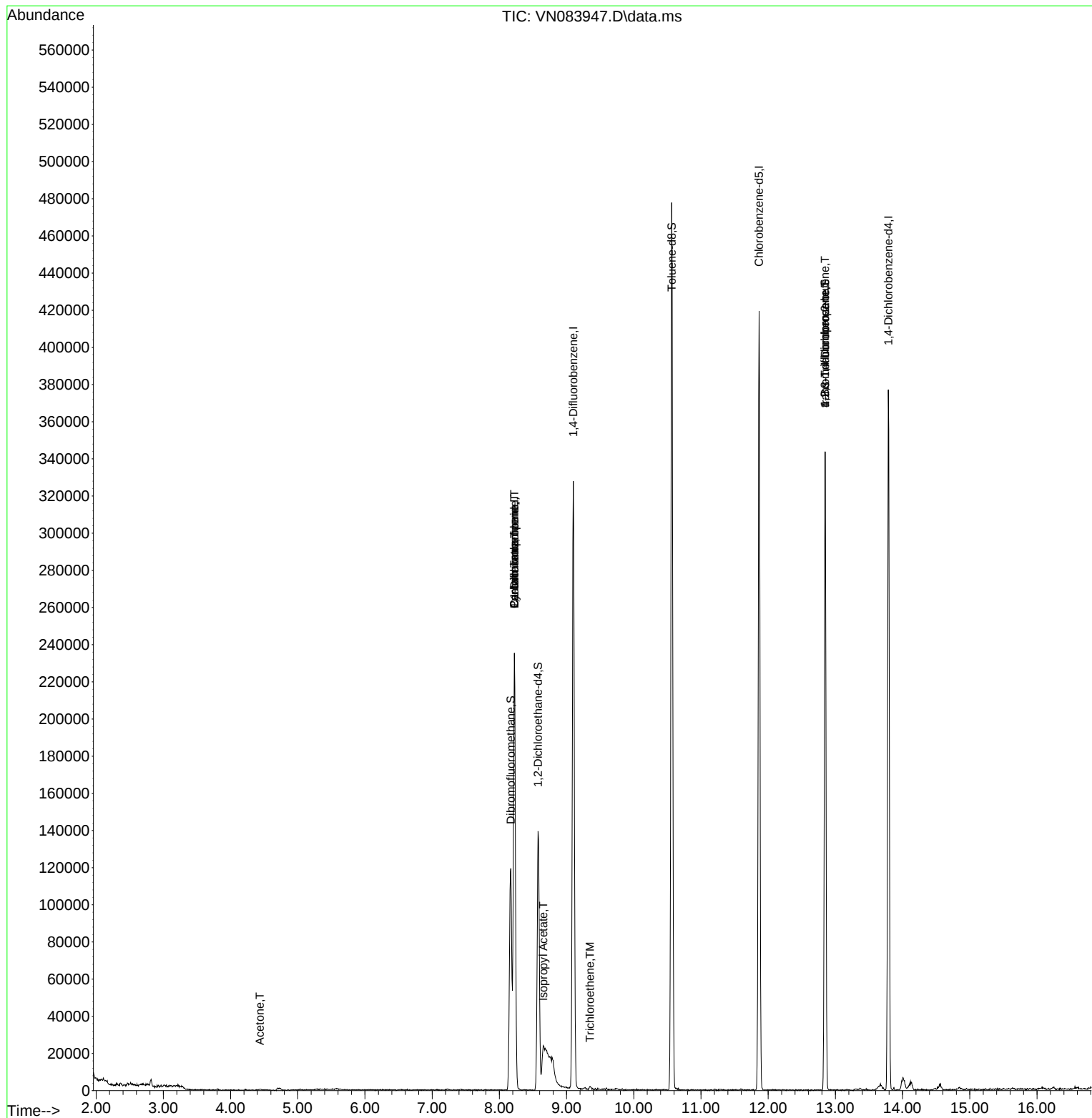
Internal Standards						
1) Pentafluorobenzene	8.224	168	153777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118837	51.251	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.500%		
35) Dibromofluoromethane	8.171	113	86831	50.649	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.300%		
50) Toluene-d8	10.565	98	319029	53.829	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.660%		
62) 4-Bromofluorobenzene	12.847	95	114284	46.738	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	798	Below Cal	#	74
16) Acetone	4.436	43	1089	1.172	ug/l #	45
18) Methyl Acetate	5.012	43	143	Below Cal	#	52
31) Cyclohexane	8.224	56	4256	1.270	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	14729	5.708	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18316	6.257	ug/l #	15
43) Isopropyl Acetate	8.653	43	48019	11.313	ug/l #	57
44) Trichloroethene	9.347	130	603	0.335	ug/l	49
76) 1,2,3-Trichloropropane	12.847	75	65763	34.223	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65763	89.632	ug/l #	9

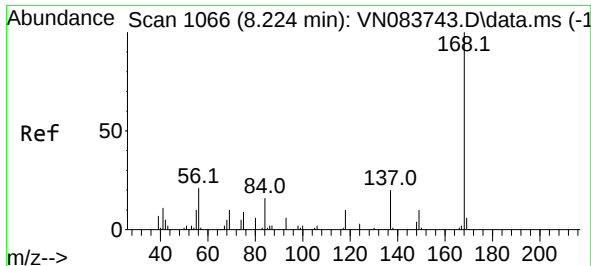
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

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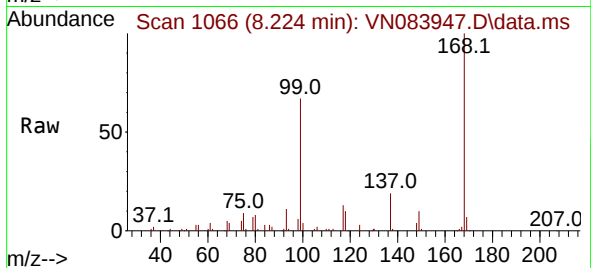
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



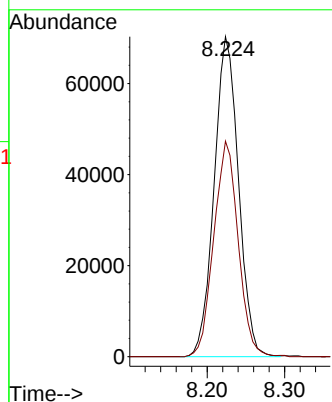
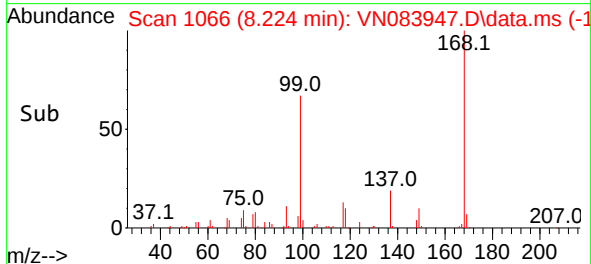


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :

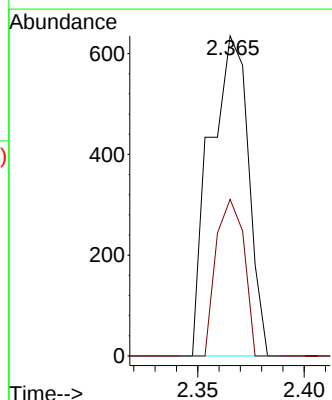
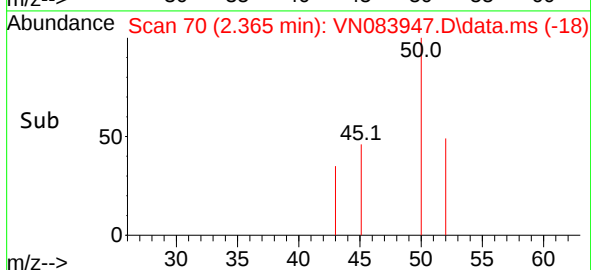
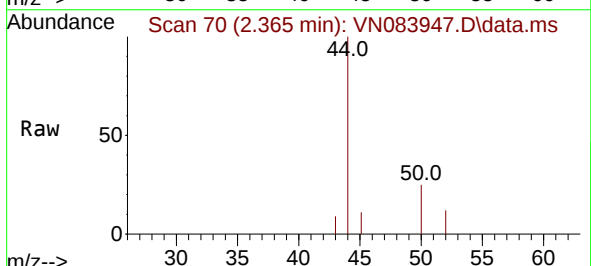


Tgt Ion:168 Resp: 153777
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Tgt Ion: 50 Resp: 798
Ion Ratio Lower Upper
50 100
52 49.0 27.2 40.8#

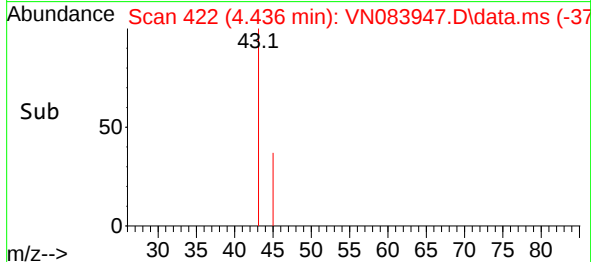
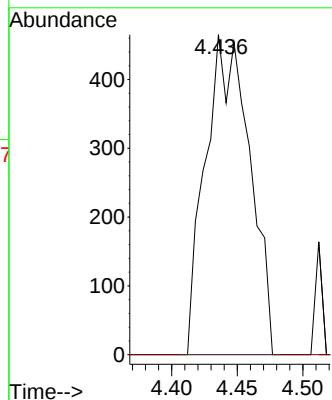
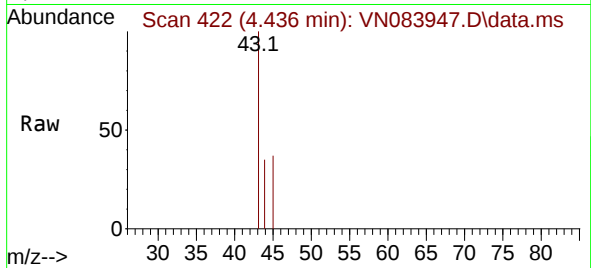




#16
Acetone
Concen: 1.172 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

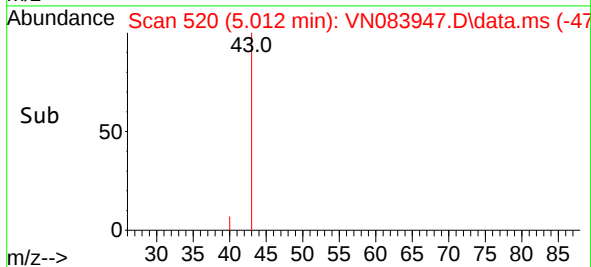
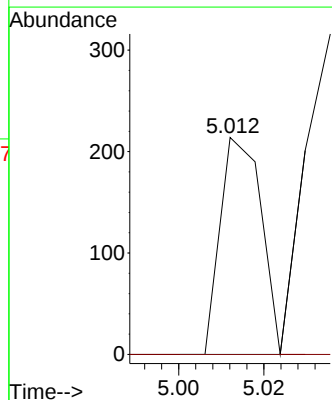
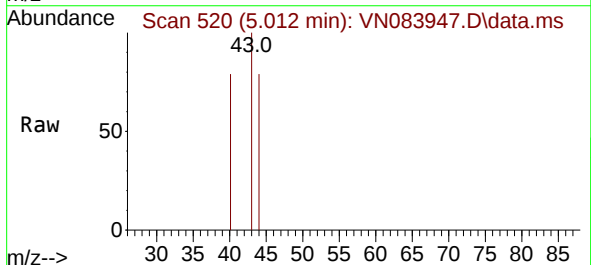
Instrument :
MSVOA_N
ClientSampleId :

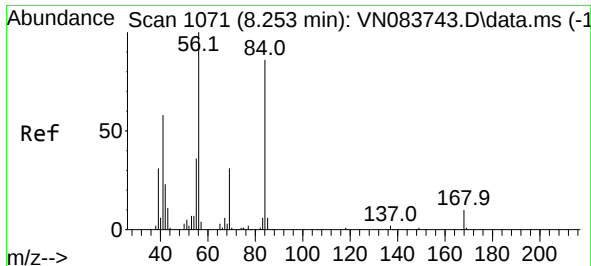
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

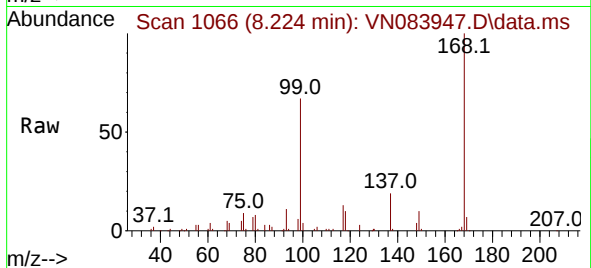
Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



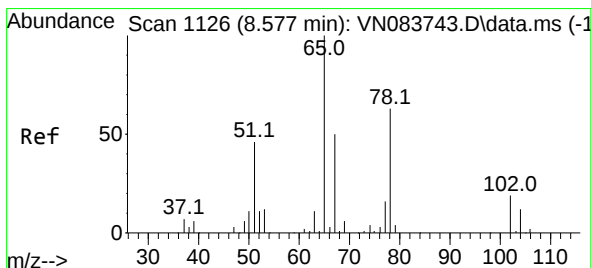
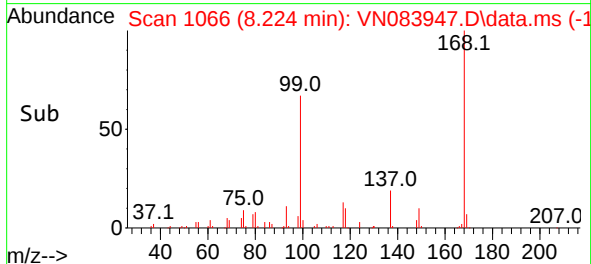
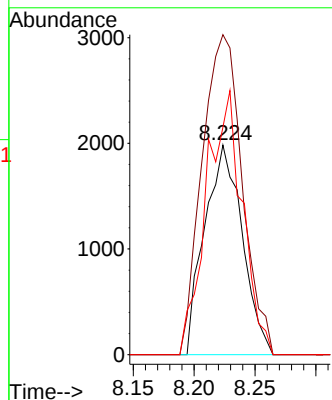


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :

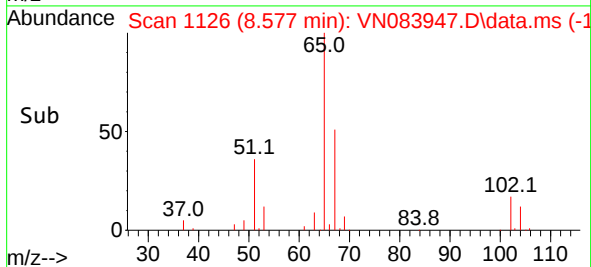
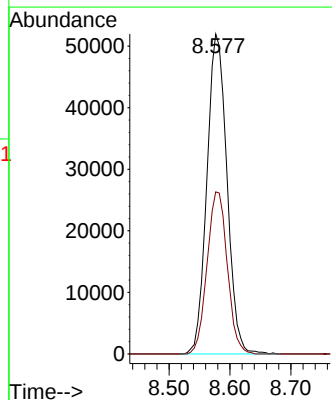
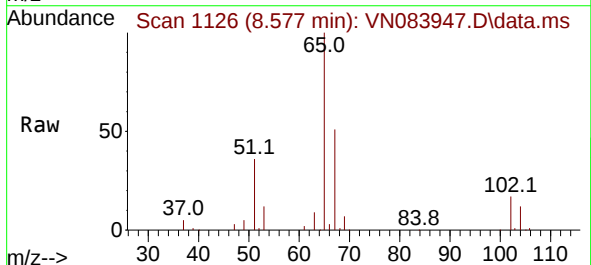


Tgt Ion: 56 Resp: 4256
Ion Ratio Lower Upper
56 100
69 152.7 26.9 40.3#
84 108.5 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.251 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Tgt Ion: 65 Resp: 118837
Ion Ratio Lower Upper
65 100
67 51.0 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: VN083947.D

Acq: 17 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

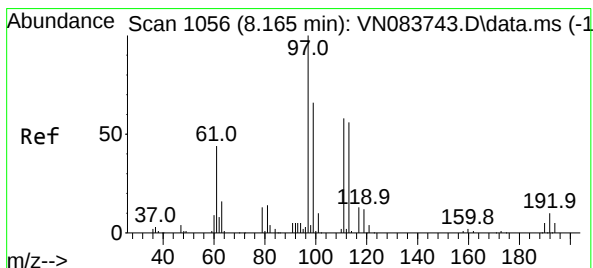
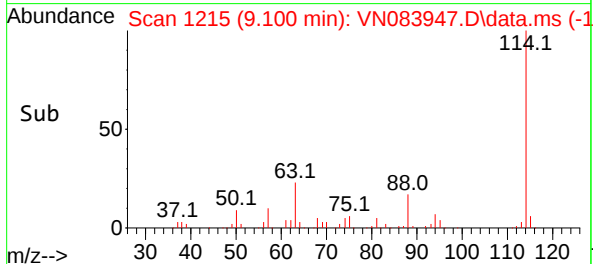
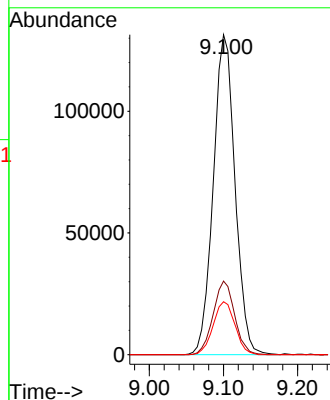
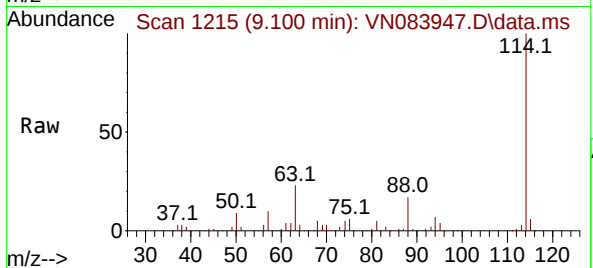
Tgt Ion:114 Resp: 267793

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.649 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083947.D

Acq: 17 Sep 2024 15:53

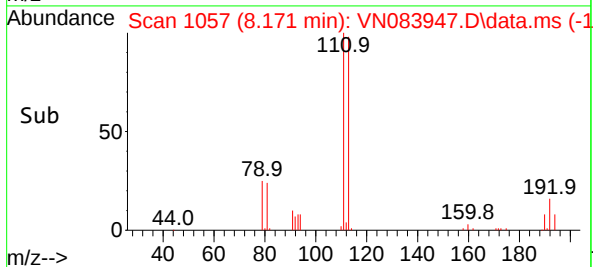
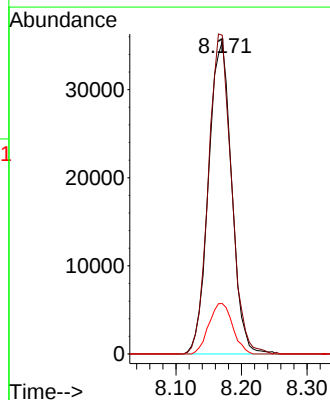
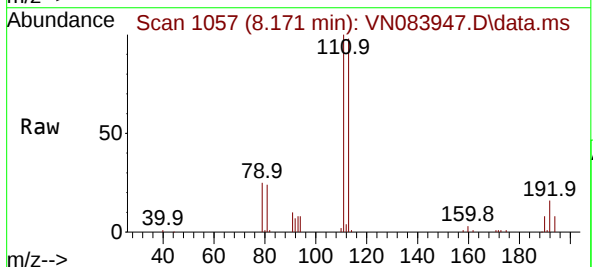
Tgt Ion:113 Resp: 86831

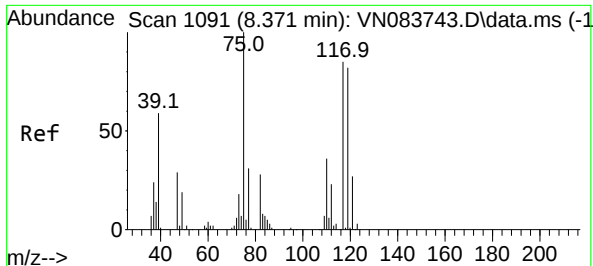
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 16.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.708 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083947.D

Acq: 17 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

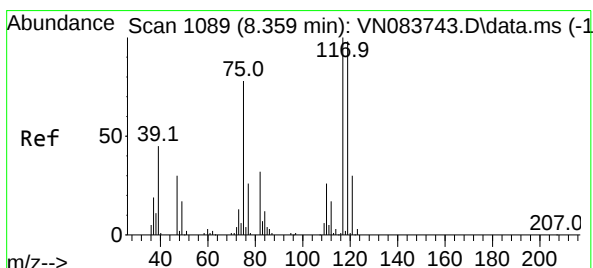
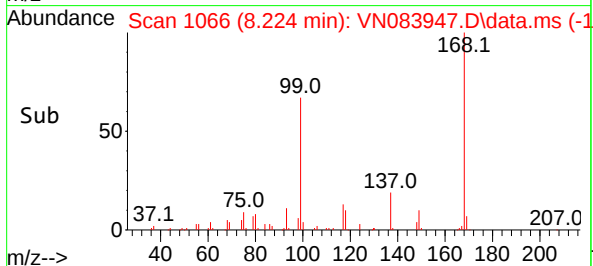
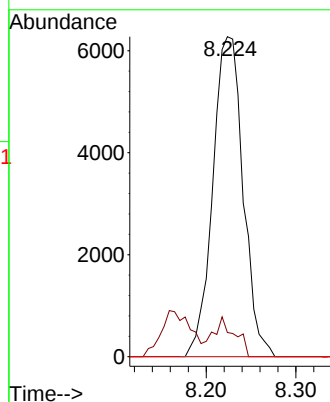
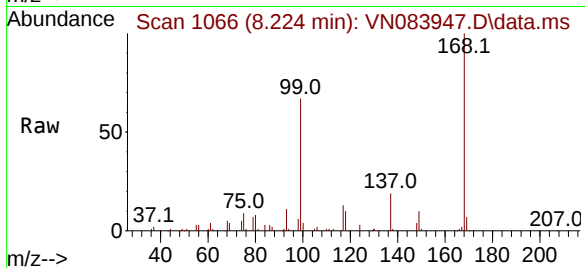
Tgt Ion: 75 Resp: 14729

Ion Ratio Lower Upper

75 100

110 8.3 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.257 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083947.D

Acq: 17 Sep 2024 15:53

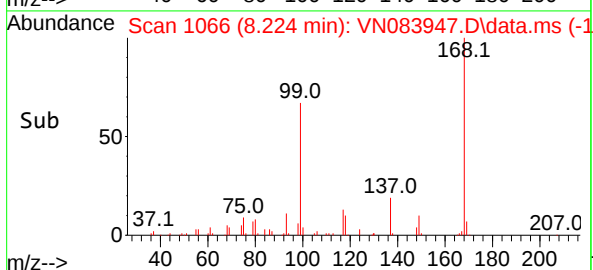
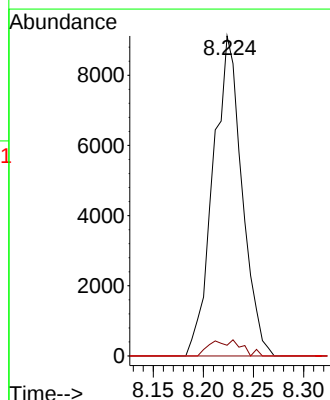
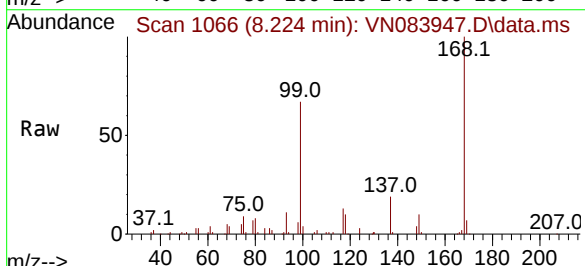
Tgt Ion: 117 Resp: 18316

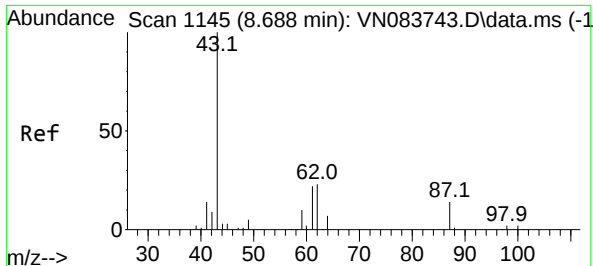
Ion Ratio Lower Upper

117 100

119 3.4 76.1 114.1#

121 0.0 24.1 36.1#

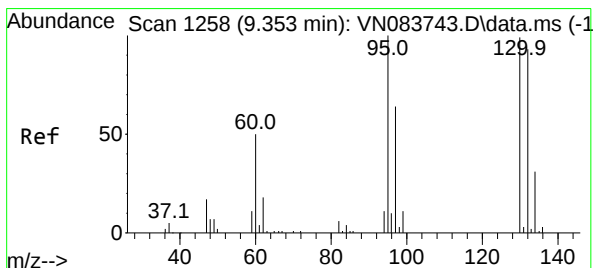
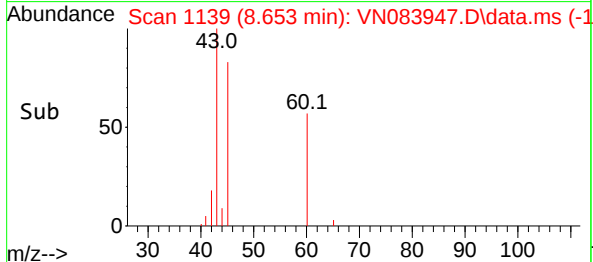
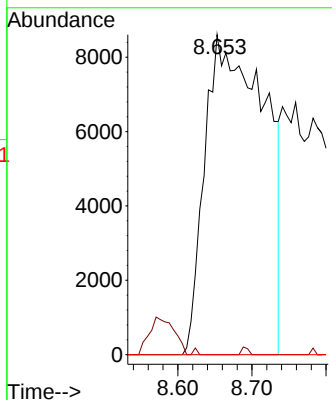
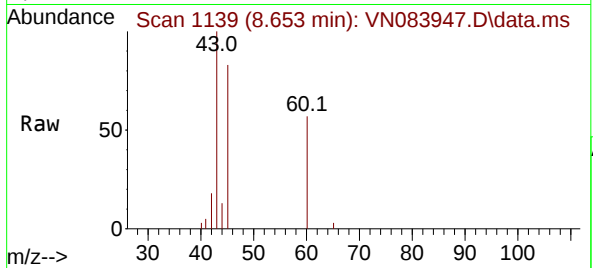




#43
Isopropyl Acetate
Concen: 11.313 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.035 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

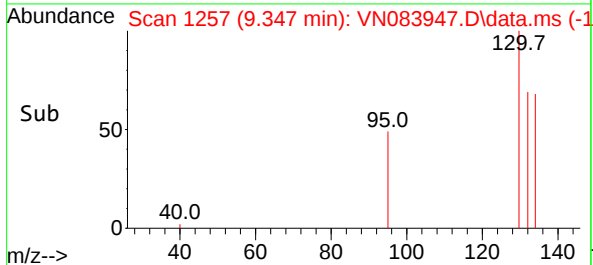
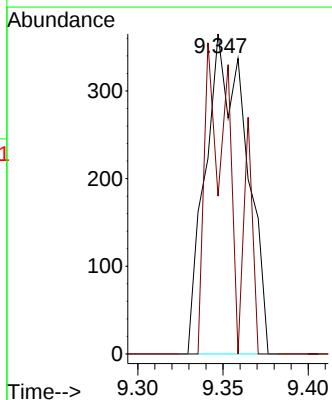
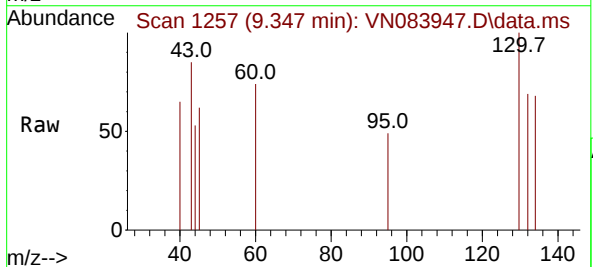
Instrument :
MSVOA_N
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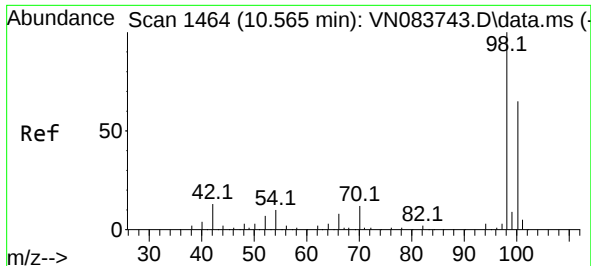
Tgt Ion: 43 Resp: 48019
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.335 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Tgt Ion:130 Resp: 603
Ion Ratio Lower Upper
130 100
95 49.3 0.0 200.4

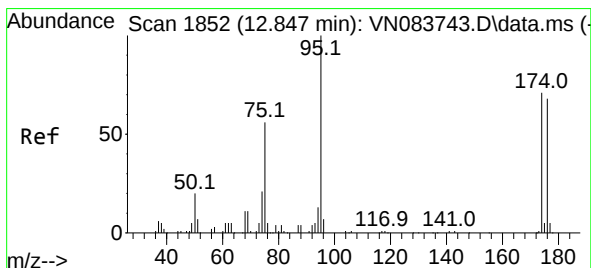
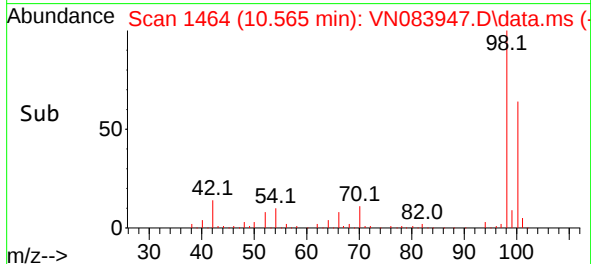
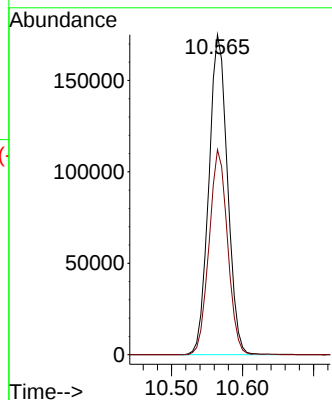
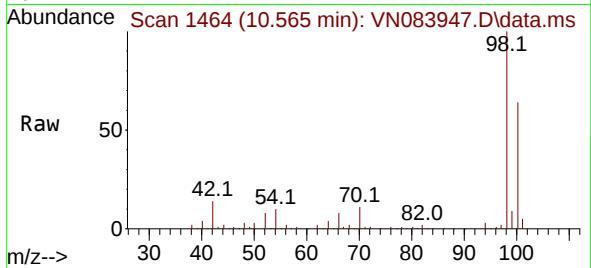




#50
Toluene-d8
Concen: 53.829 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

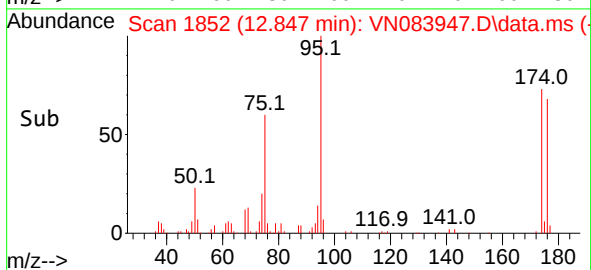
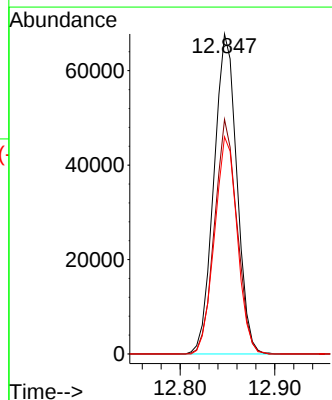
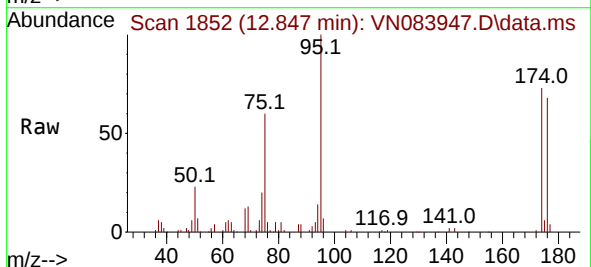
Instrument :
MSVOA_N
ClientSampleId :

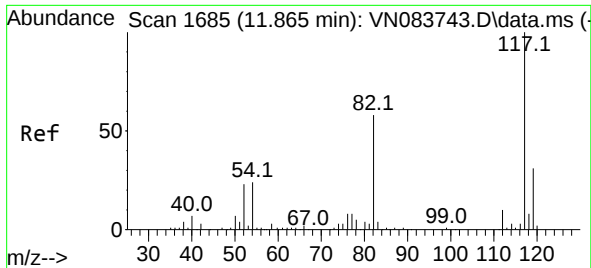
Tgt Ion: 98 Resp: 319029
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Tgt Ion: 95 Resp: 114284
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 67.2 0.0 131.4

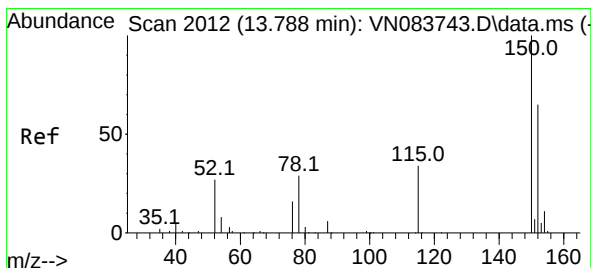
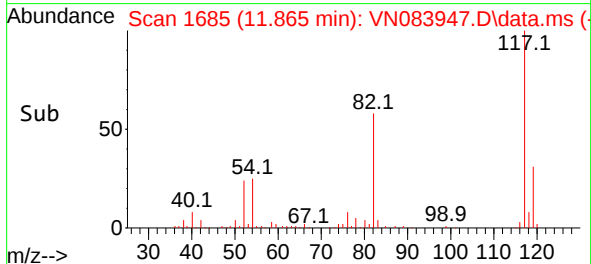
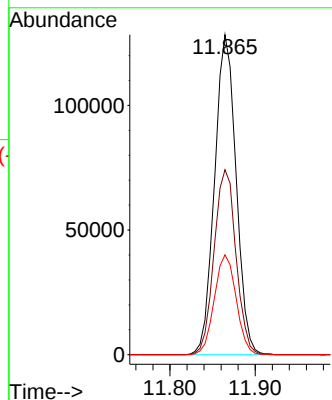
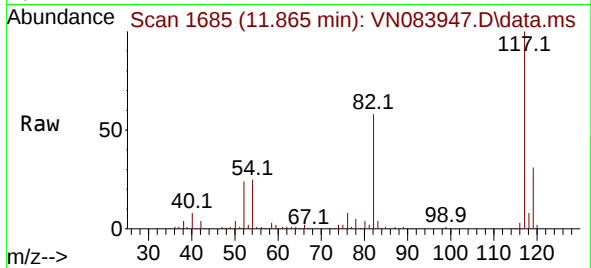




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

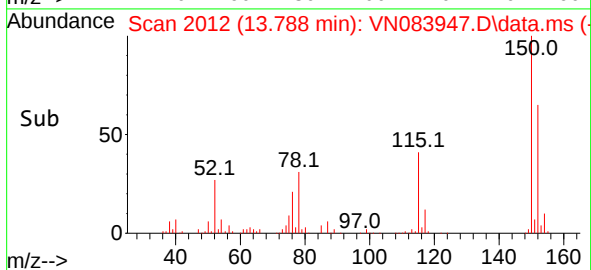
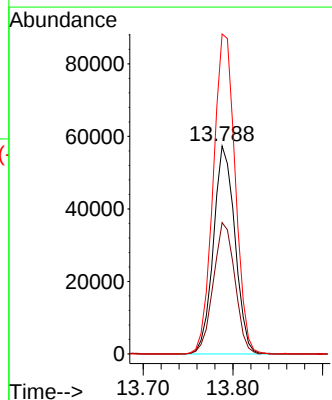
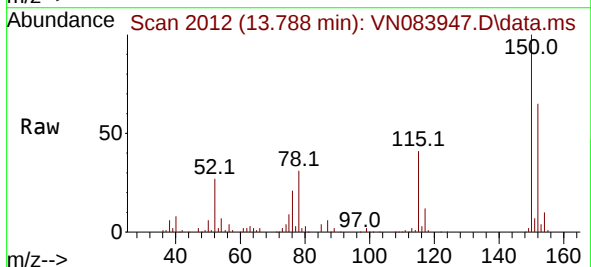
Instrument :
MSVOA_N
ClientSampleId :

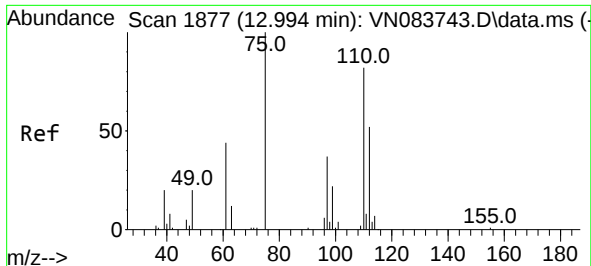
Tgt Ion:117 Resp: 225304
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.0
119 31.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Tgt Ion:152 Resp: 95233
Ion Ratio Lower Upper
152 100
115 63.8 32.2 96.6
150 157.7 0.0 348.6

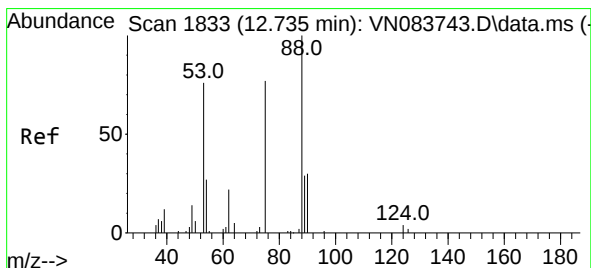
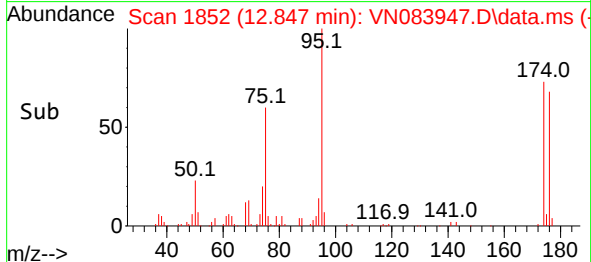
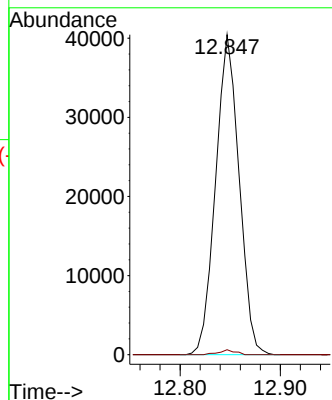
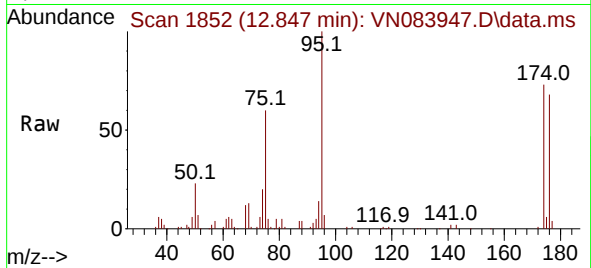




#76
1,2,3-Trichloropropane
Concen: 34.223 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65763
Ion Ratio Lower Upper
75 100
77 1.1 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.632 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Tgt Ion: 75 Resp: 65763
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

