

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083032.D
 Acq On : 24 Jul 2024 16:31
 Operator : JC\MD
 Sample : P3338-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-1000-1002

Quant Time: Jul 25 02:41:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	144524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	282930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113312	55.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.860%
35) Dibromofluoromethane	8.165	113	97277	53.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.720%
50) Toluene-d8	10.571	98	327102	48.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.853	95	102654	42.442	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	84.880%

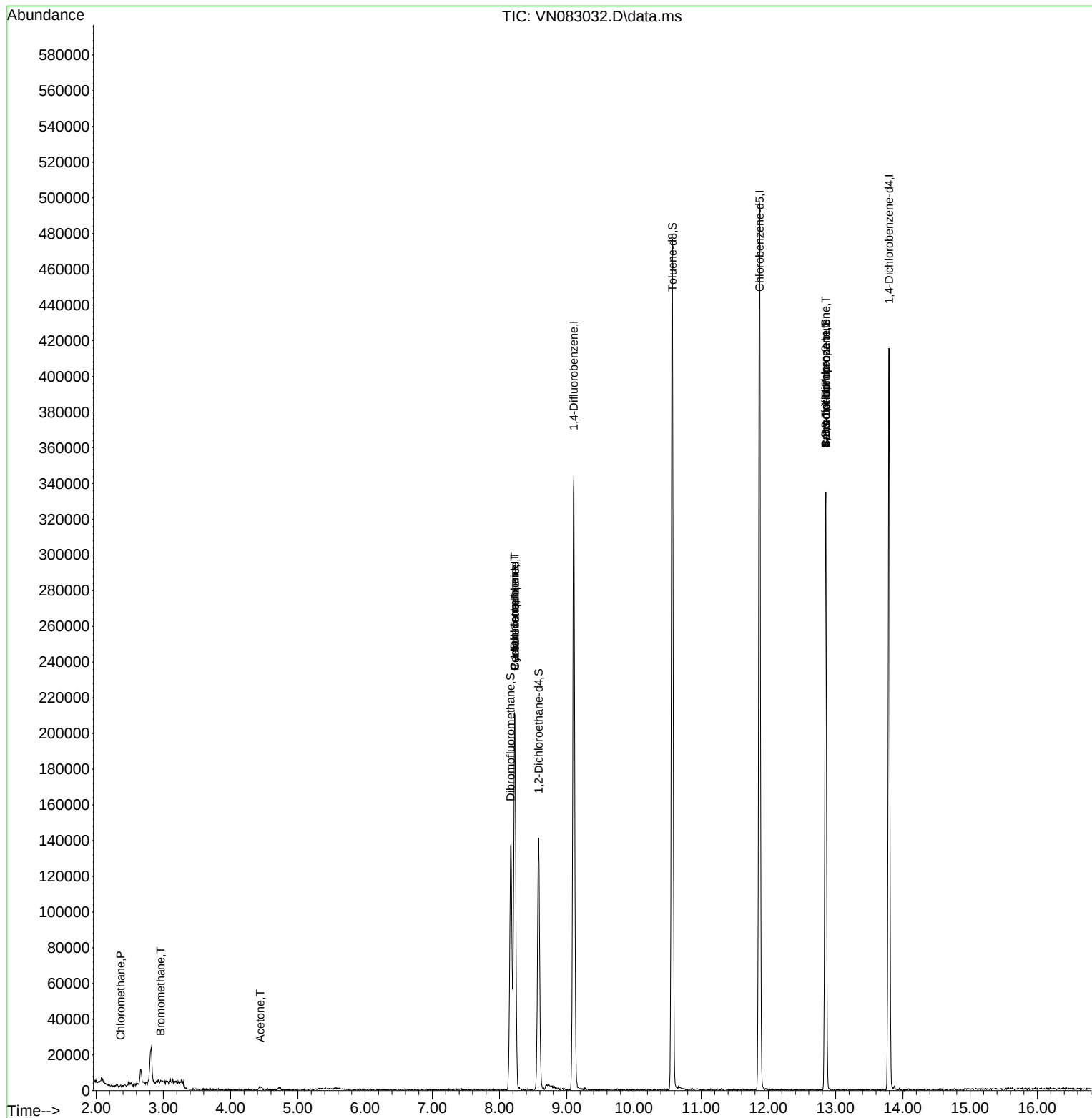
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	786	0.443	ug/l	93
5) Bromomethane	2.959	94	962	0.716	ug/l #	73
16) Acetone	4.442	43	3250	4.556	ug/l #	83
31) Cyclohexane	8.230	56	4121	1.556	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	13772	5.479	ug/l #	51
38) Carbon Tetrachloride	8.230	117	15419	5.095	ug/l #	18
43) Isopropyl Acetate	8.694	43	1446	Below Cal	#	60
71) Bromoform	12.853	173	1265	0.746	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	60039	31.802	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60039	62.545	ug/l #	6

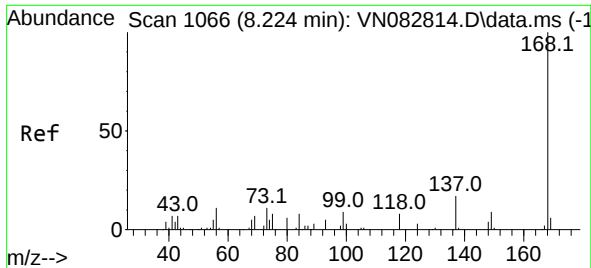
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

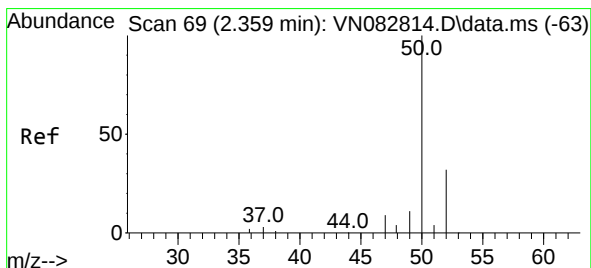
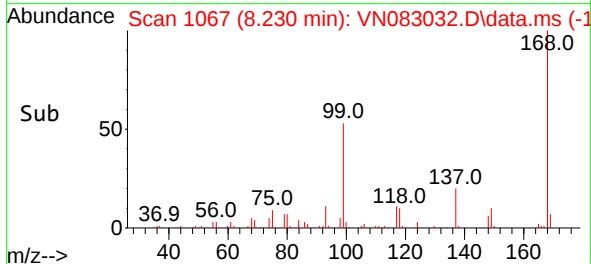
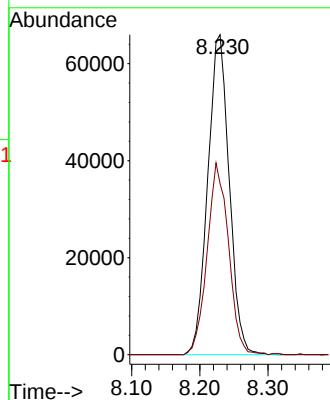
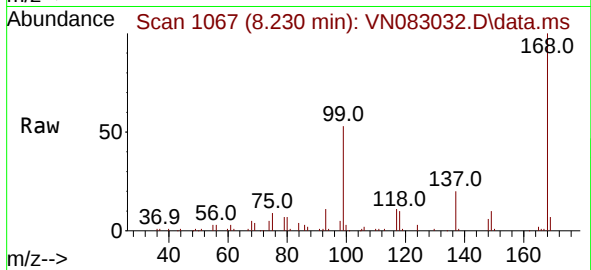




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

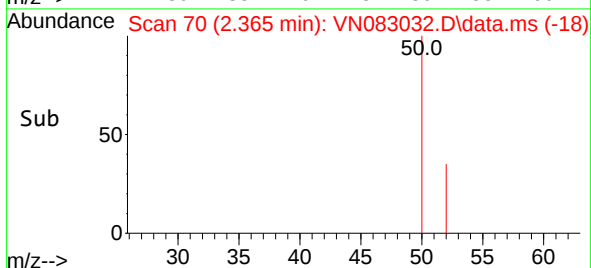
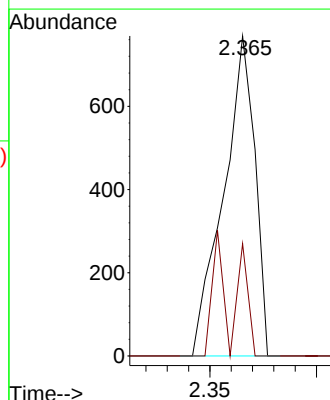
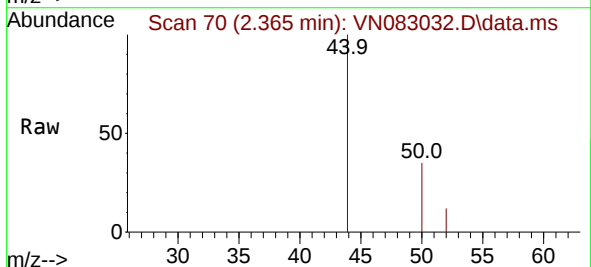
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

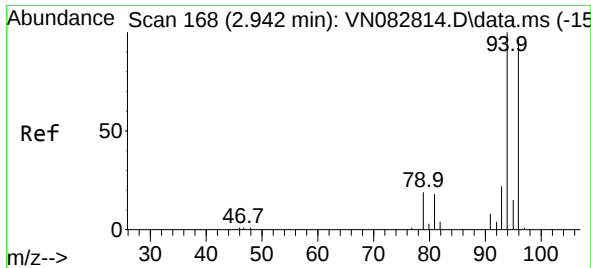
Tgt Ion:168 Resp: 144524
Ion Ratio Lower Upper
168 100
99 53.5 48.2 72.4



#3
Chloromethane
Concen: 0.443 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

Tgt Ion: 50 Resp: 786
Ion Ratio Lower Upper
50 100
52 35.1 25.0 37.4

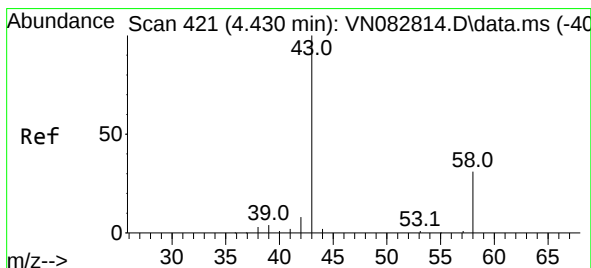
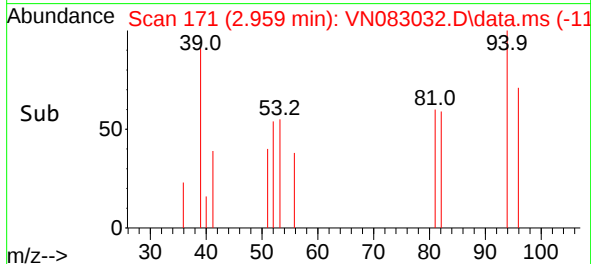
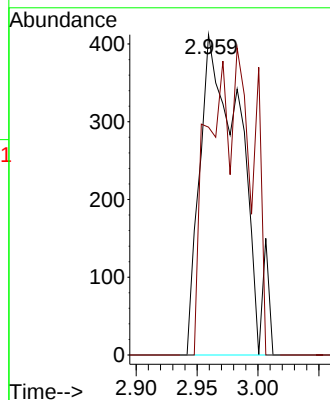
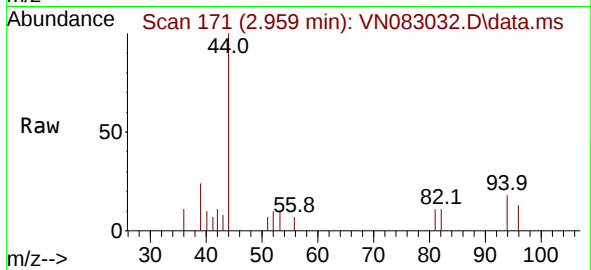




#5
Bromomethane
Concen: 0.716 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

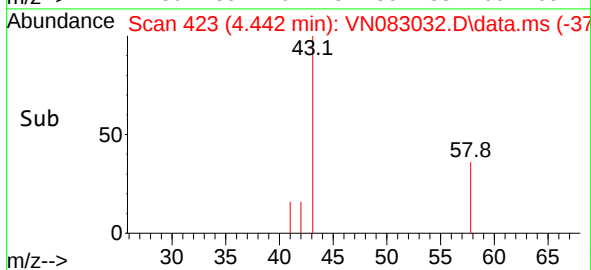
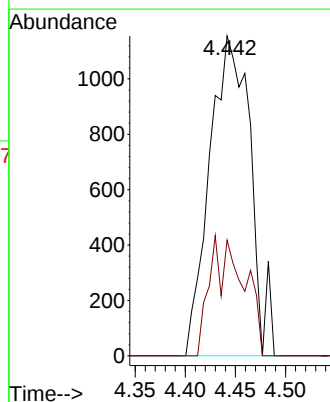
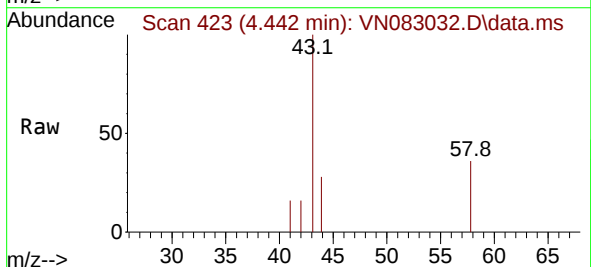
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

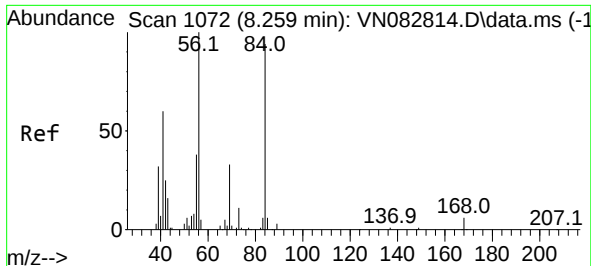
Tgt Ion: 94 Resp: 962
Ion Ratio Lower Upper
94 100
96 71.1 78.0 117.0#



#16
Acetone
Concen: 4.556 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

Tgt Ion: 43 Resp: 3250
Ion Ratio Lower Upper
43 100
58 36.2 21.8 32.6#

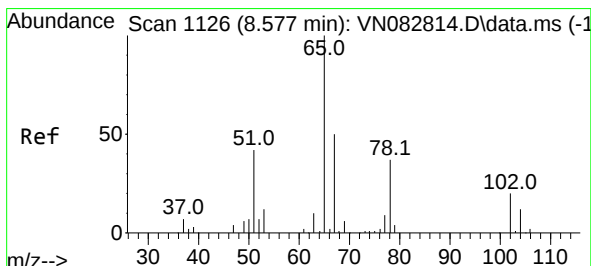
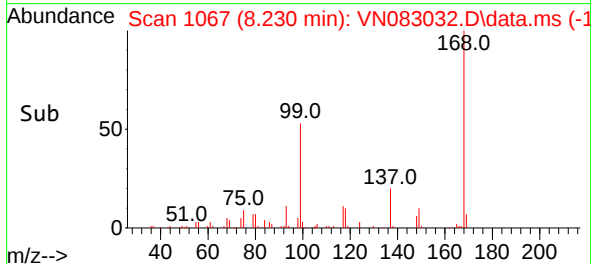
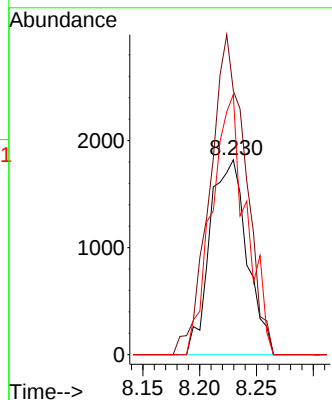
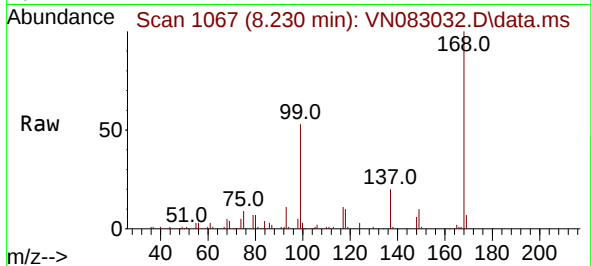




#31
Cyclohexane
Concen: 1.556 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

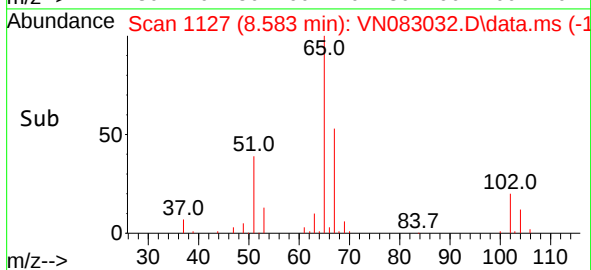
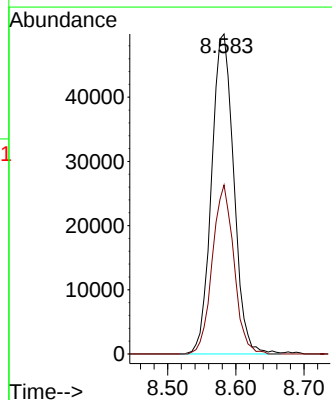
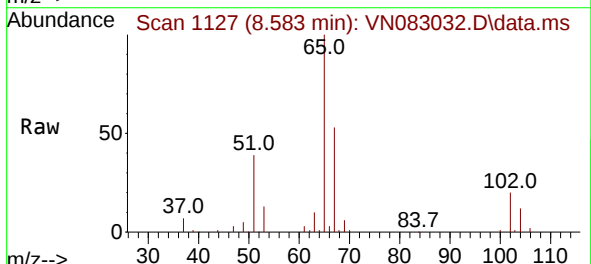
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

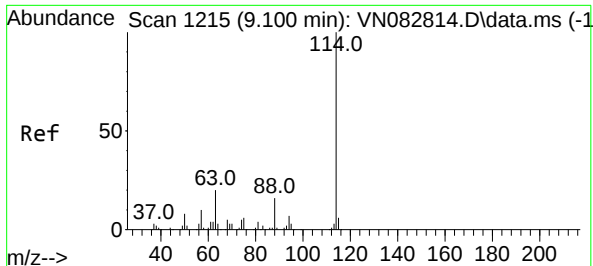
Tgt Ion: 56 Resp: 4121
Ion Ratio Lower Upper
56 100
69 135.5 24.5 36.7#
84 133.5 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.931 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

Tgt Ion: 65 Resp: 113312
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083032.D

Acq: 24 Jul 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-1000-1002

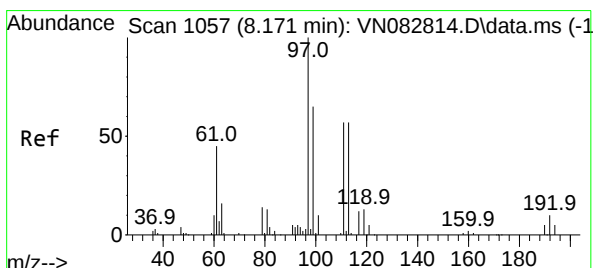
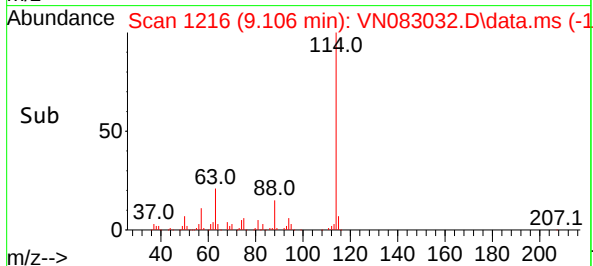
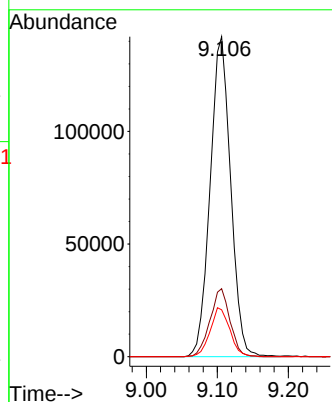
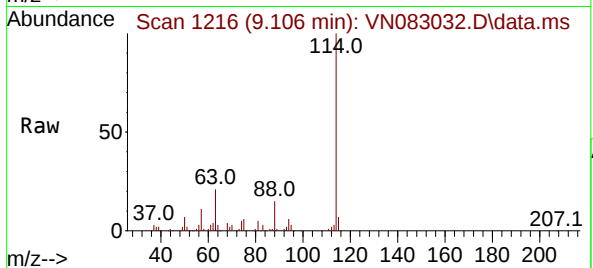
Tgt Ion:114 Resp: 284110

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 14.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.359 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083032.D

Acq: 24 Jul 2024 16:31

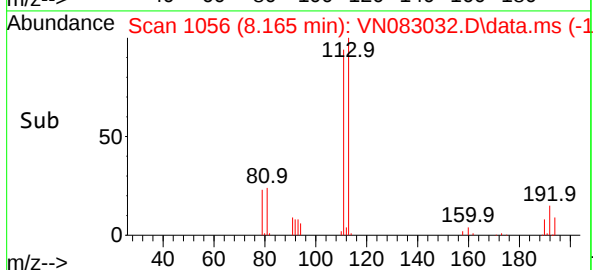
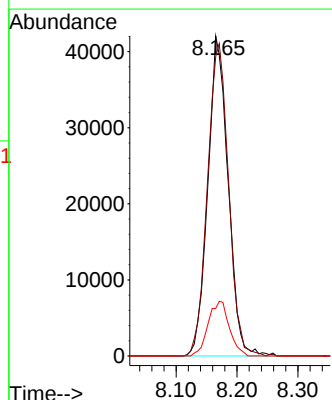
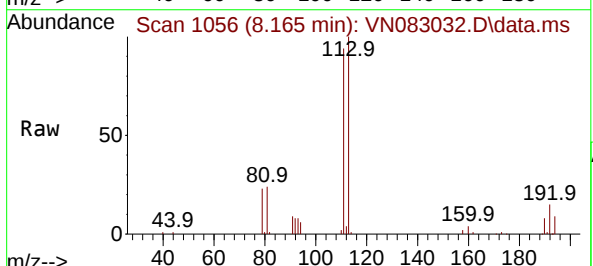
Tgt Ion:113 Resp: 97277

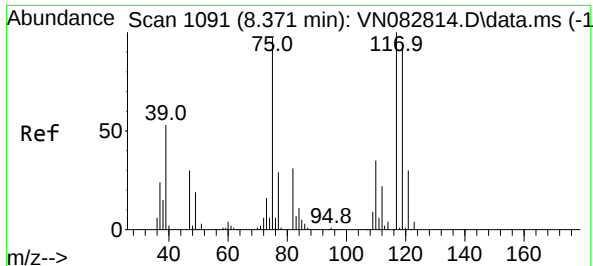
Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.479 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083032.D

Acq: 24 Jul 2024 16:31

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-1000-1002

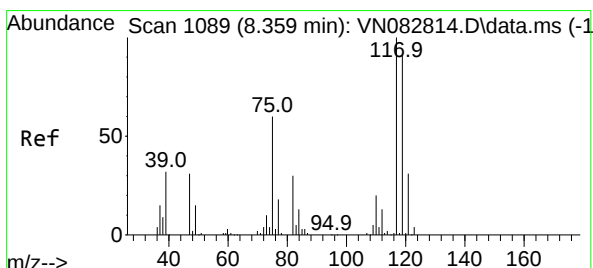
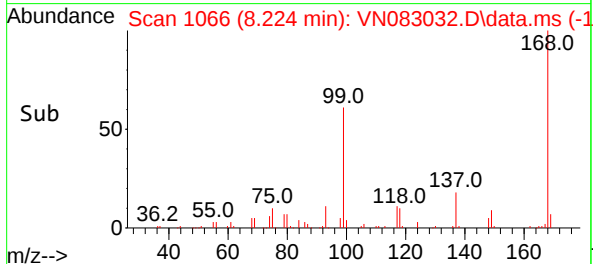
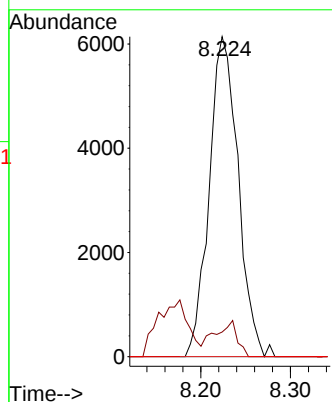
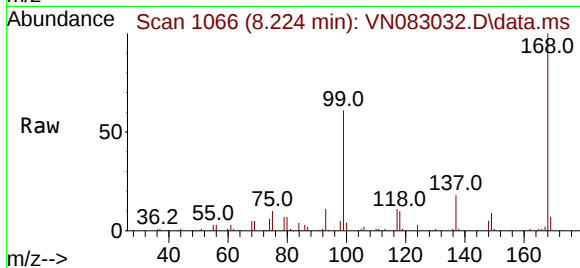
Tgt Ion: 75 Resp: 13772

Ion Ratio Lower Upper

75 100

110 8.9 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.095 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN083032.D

Acq: 24 Jul 2024 16:31

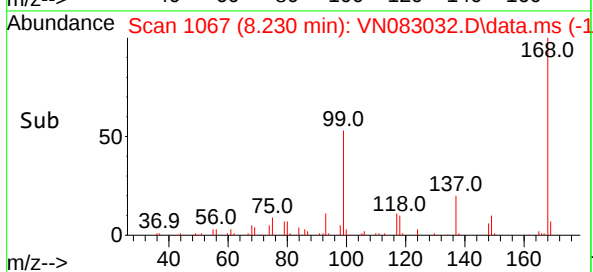
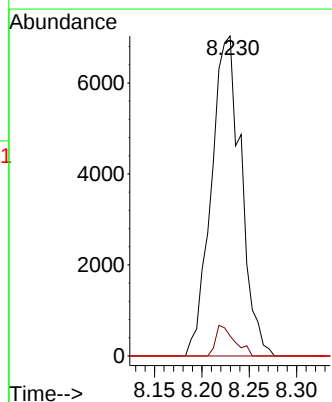
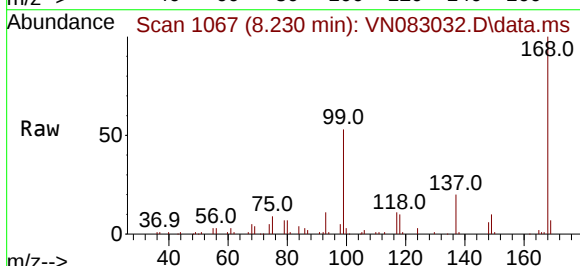
Tgt Ion: 117 Resp: 15419

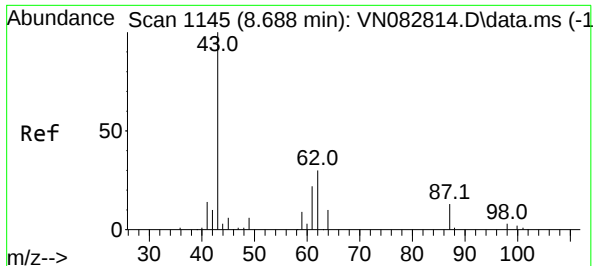
Ion Ratio Lower Upper

117 100

119 6.2 74.9 112.3#

121 0.0 24.3 36.5#

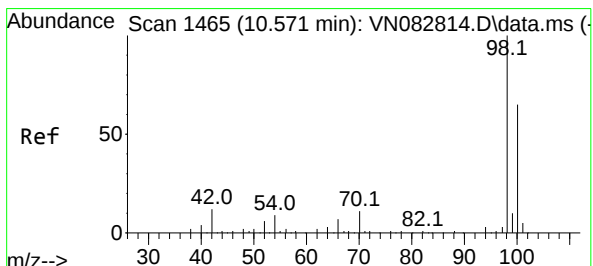
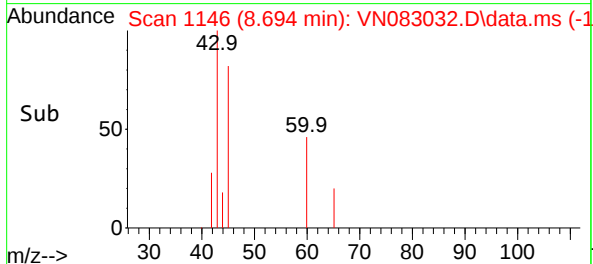
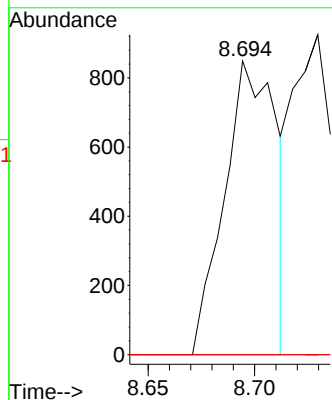
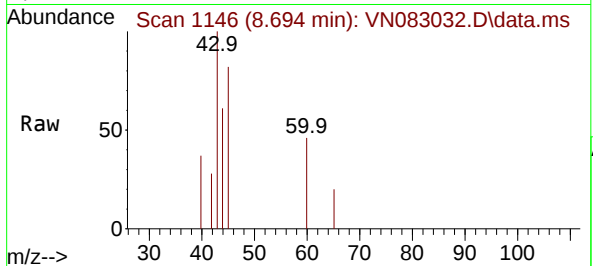




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

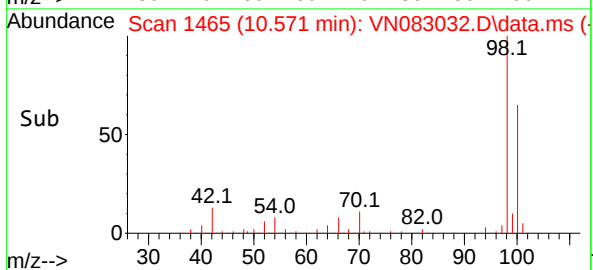
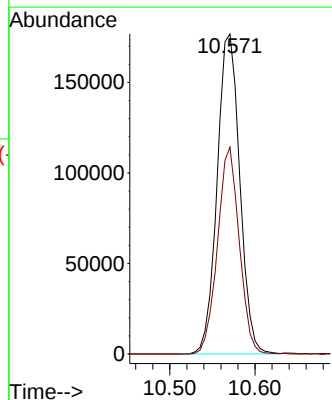
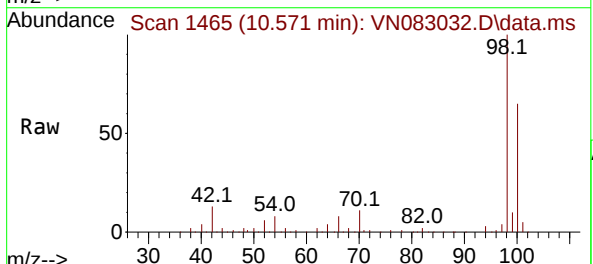
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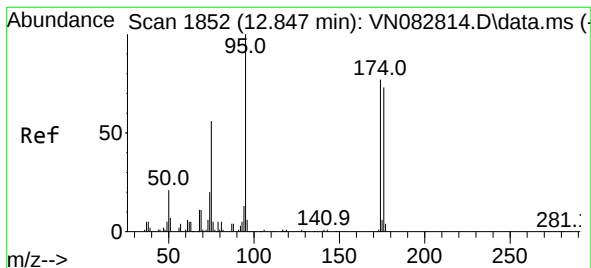
Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.579 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

Tgt Ion: 98 Resp: 327102
Ion Ratio Lower Upper
98 100
100 61.9 51.5 77.3

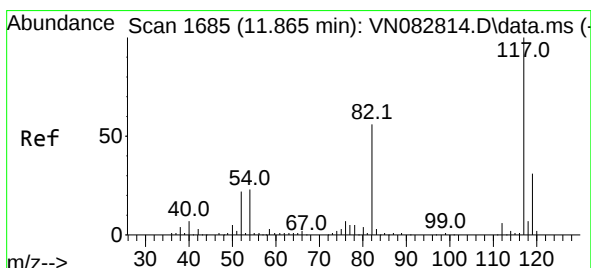
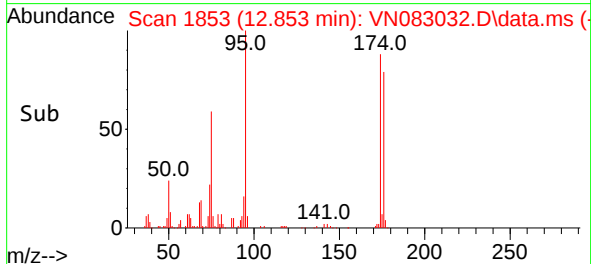
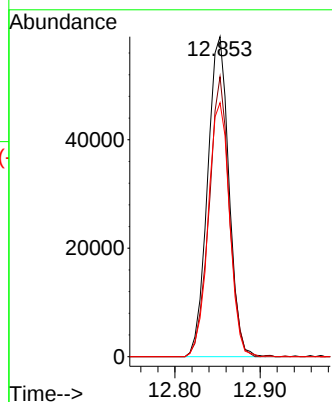
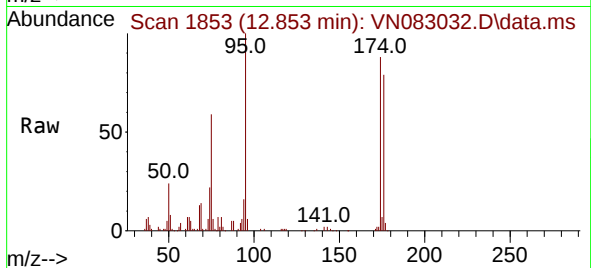




#62
4-Bromofluorobenzene
Concen: 42.442 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

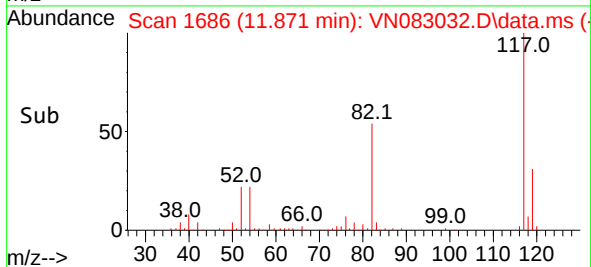
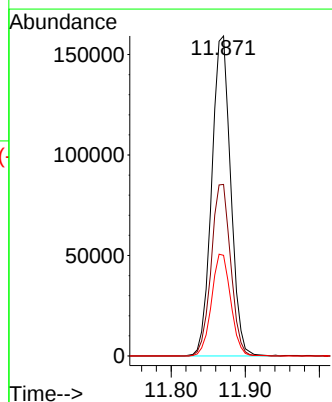
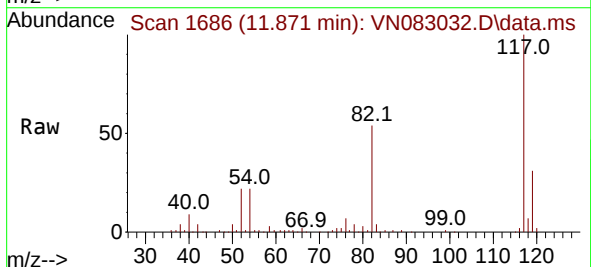
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

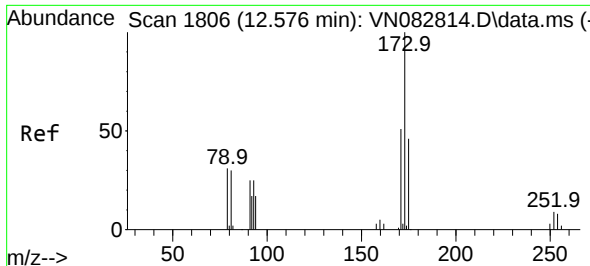
Tgt Ion: 95 Resp: 102654
Ion Ratio Lower Upper
95 100
174 82.8 0.0 159.2
176 79.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

Tgt Ion: 117 Resp: 282930
Ion Ratio Lower Upper
117 100
82 53.6 47.5 71.3
119 31.5 25.6 38.4

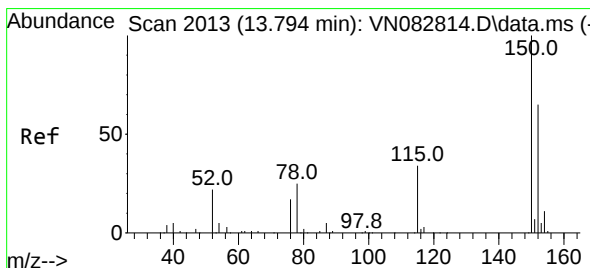
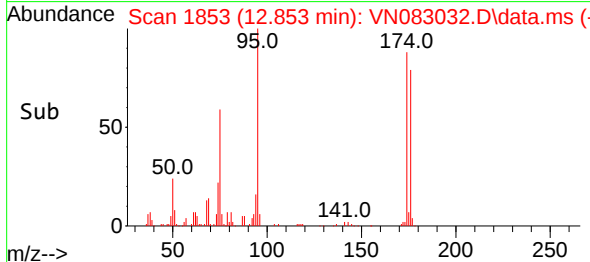
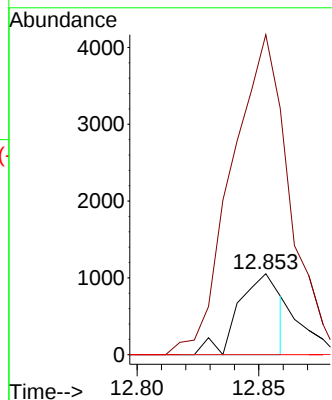
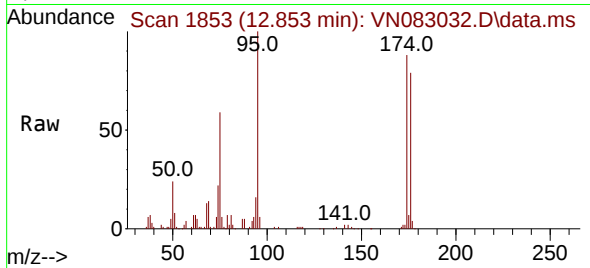




#71
Bromoform
Concen: 0.746 ug/l
RT: 12.853 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

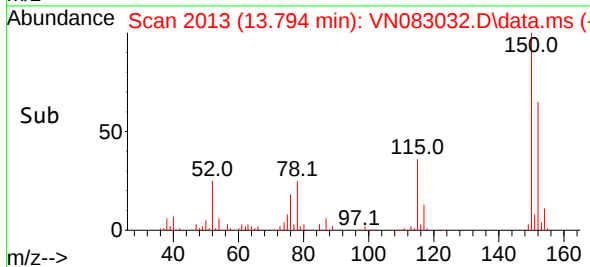
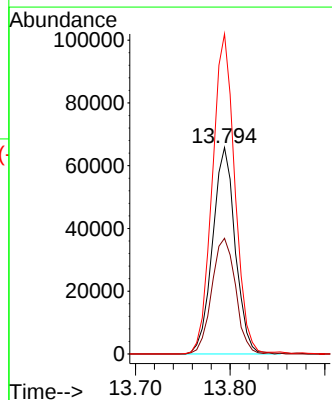
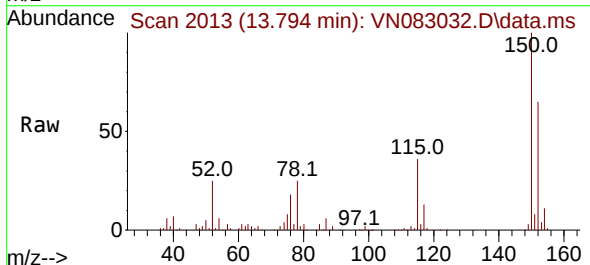
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-1000-1002

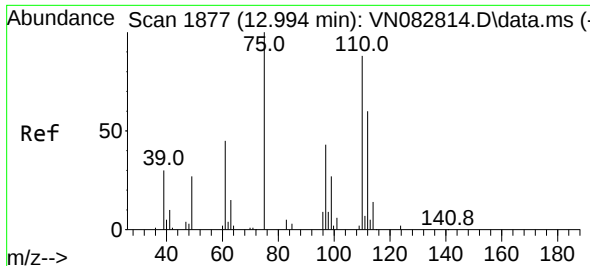
Tgt Ion:173 Resp: 1265
Ion Ratio Lower Upper
173 100
175 463.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

Tgt Ion:152 Resp: 109504
Ion Ratio Lower Upper
152 100
115 58.9 30.6 91.6
150 153.4 0.0 348.6

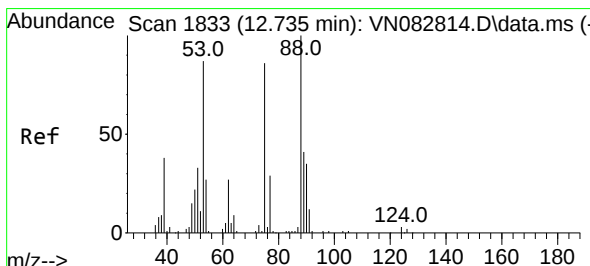
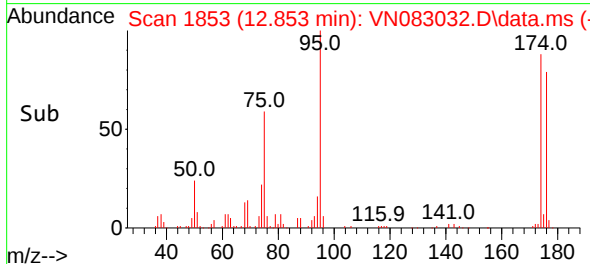
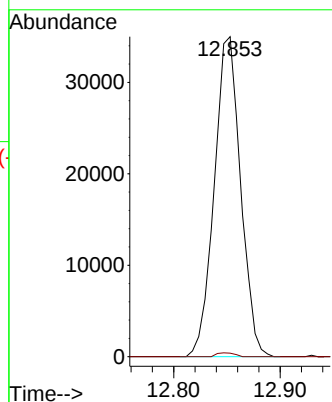
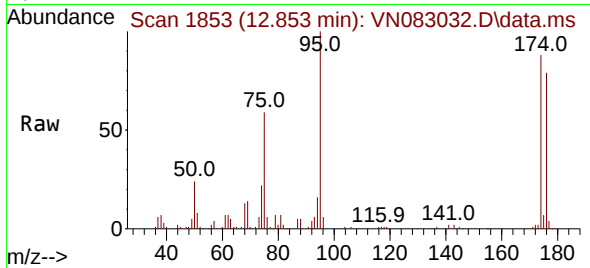




#76
1,2,3-Trichloropropane
Concen: 31.802 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

Instrument : MSVOA_N
ClientSampleId : BP-VPB-196-GW-1000-1002

Tgt Ion: 75 Resp: 60039
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.545 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083032.D
Acq: 24 Jul 2024 16:31

Tgt Ion: 75 Resp: 60039
Ion Ratio Lower Upper
75 100
53 0.3 88.4 132.6#
89 0.0 36.3 54.5#

