

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084637.D
 Acq On : 01 Nov 2024 14:42
 Operator : JC\MD
 Sample : P4665-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-583-585

Quant Time: Nov 04 04:27:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

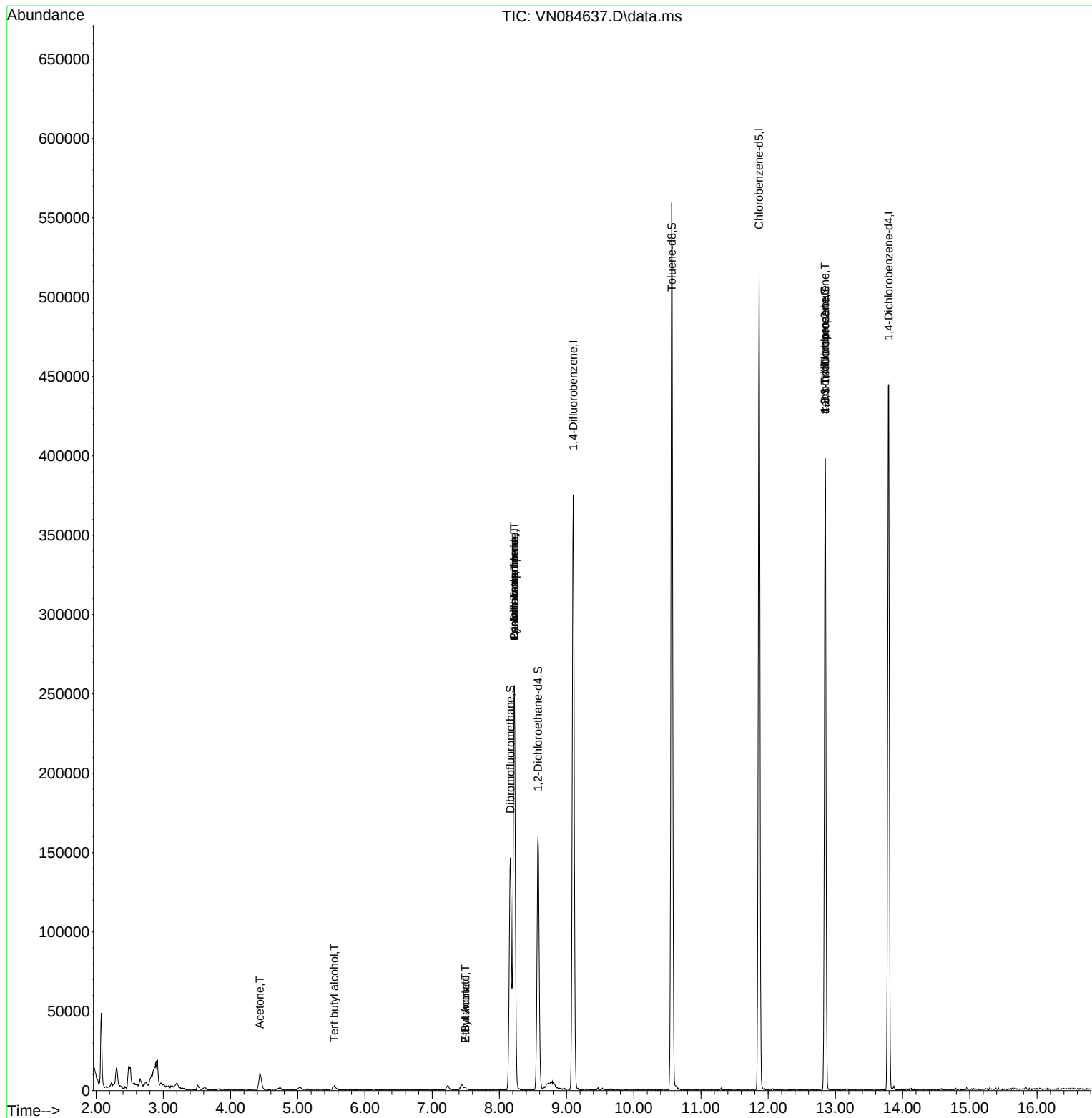
Internal Standards						
1) Pentafluorobenzene	8.224	168	182088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130524	49.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.260%
35) Dibromofluoromethane	8.165	113	106829	48.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	10.565	98	380085	47.248	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.500%
62) 4-Bromofluorobenzene	12.847	95	138582	46.094	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1211	Below Cal	#	41
6) Chloroethane	3.112	64	69	Below Cal	#	45
11) Tert butyl alcohol	5.541	59	4283	12.338	ug/l #	73
16) Acetone	4.436	43	7982	7.743	ug/l #	84
18) Methyl Acetate	5.041	43	3462	Below Cal	#	65
25) 2-Butanone	7.494	43	2855	2.327	ug/l #	76
31) Cyclohexane	8.224	56	4050	1.115	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15714	5.188	ug/l #	51
37) Ethyl Acetate	7.494	43	2855	1.039	ug/l #	69
38) Carbon Tetrachloride	8.224	117	19976	5.901	ug/l #	15
43) Isopropyl Acetate	8.724	43	4420	Below Cal	#	56
76) 1,2,3-Trichloropropane	12.847	75	71227	28.651	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71227	67.972	ug/l #	11
88) 1,4-Dichlorobenzene	13.817	146	458	Below Cal	#	24

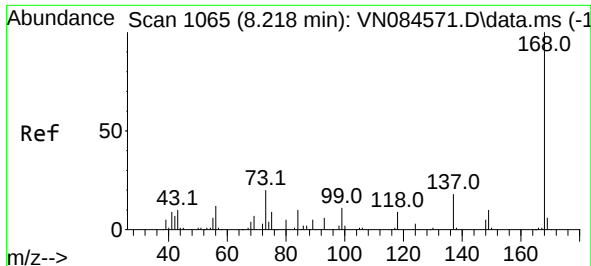
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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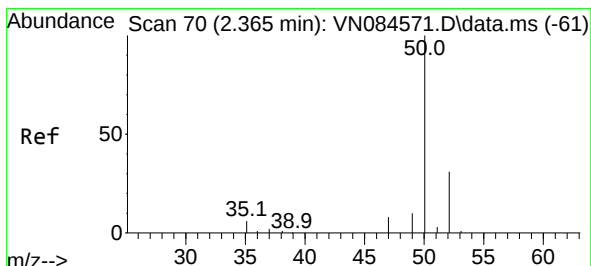
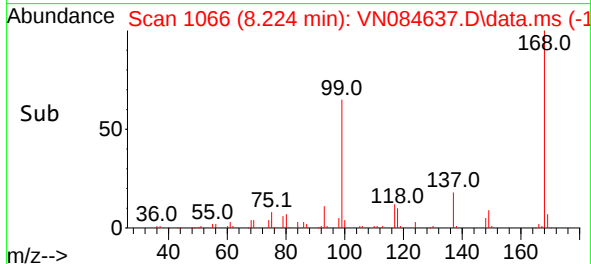
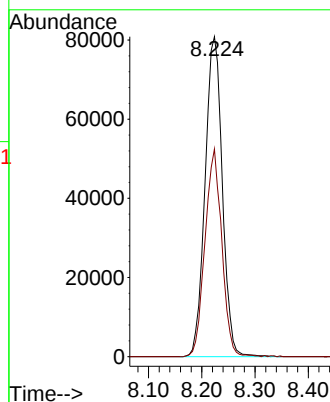
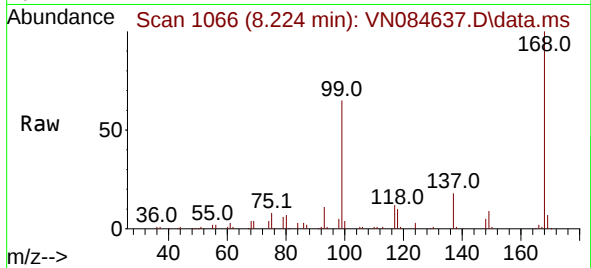




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

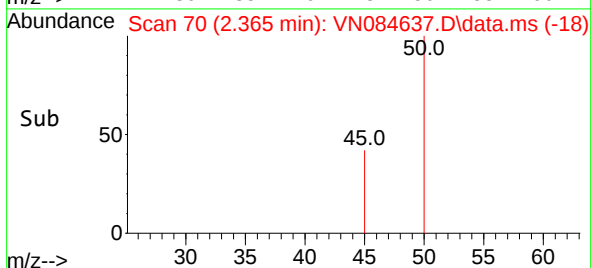
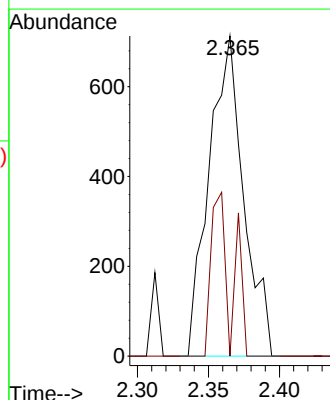
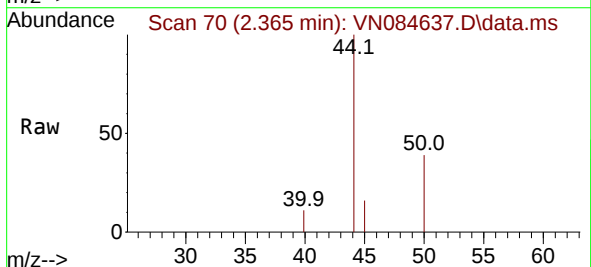
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-583-585

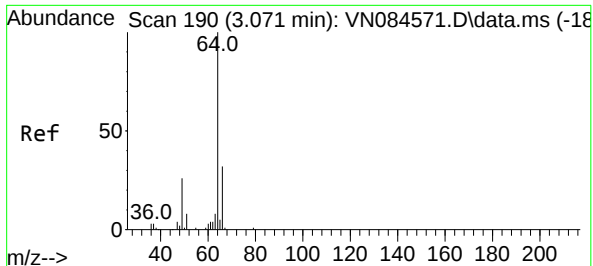
Tgt Ion:168 Resp: 182088
Ion Ratio Lower Upper
168 100
99 64.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

Tgt Ion: 50 Resp: 1211
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

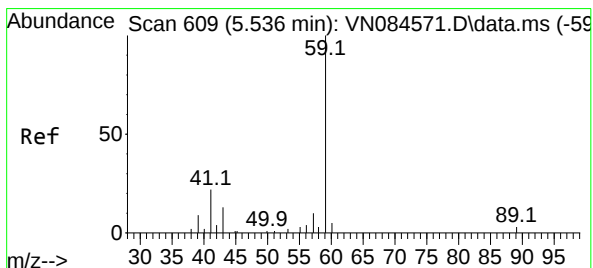
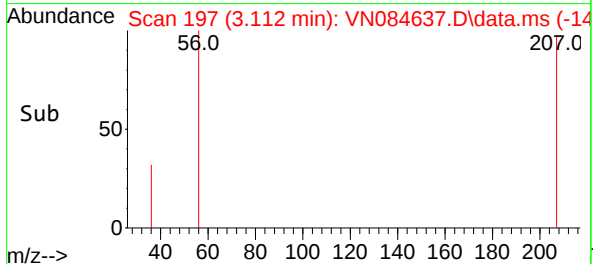
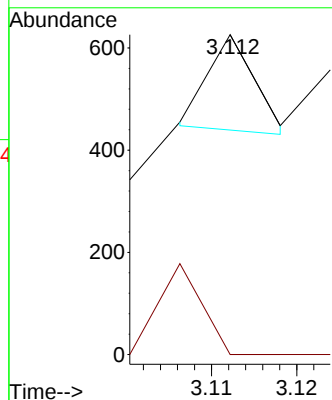
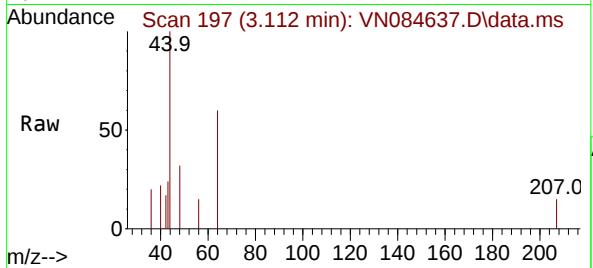




#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

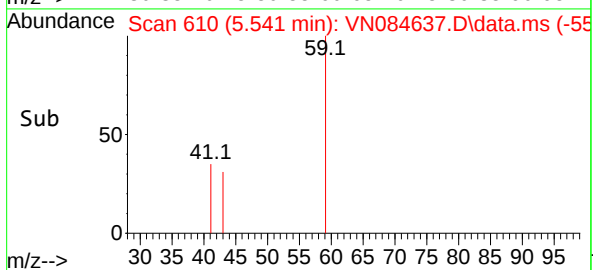
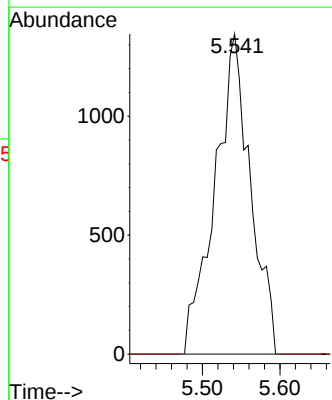
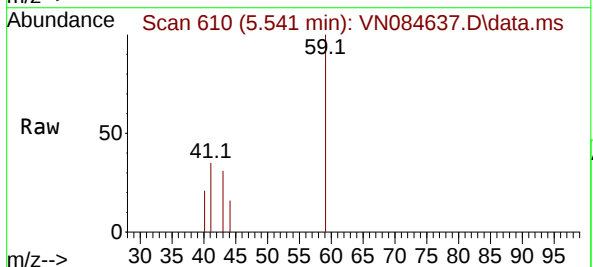
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-583-585

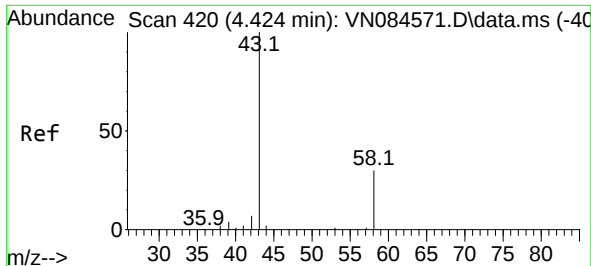
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 12.338 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

Tgt Ion: 59 Resp: 4283
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

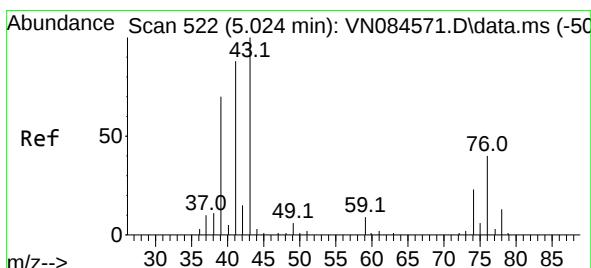
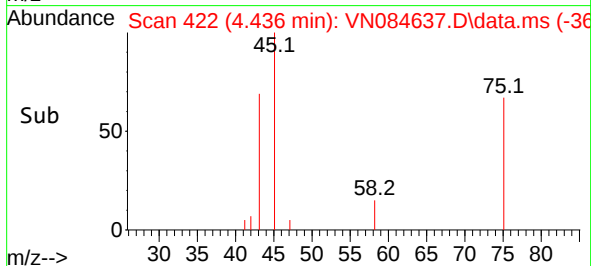
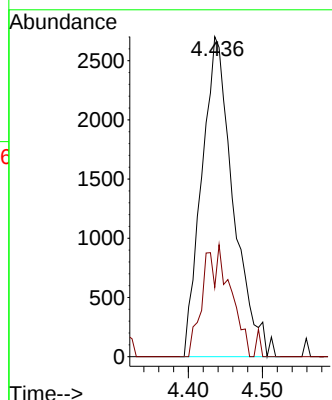
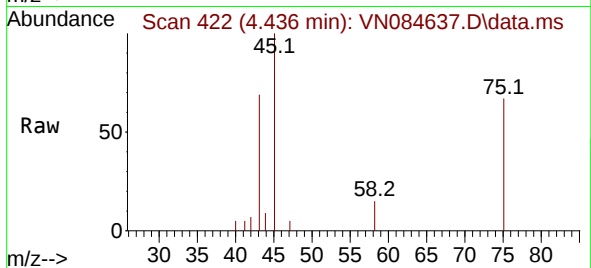




#16
Acetone
Concen: 7.743 ug/l
RT: 4.436 min Scan# 431
Delta R.T. 0.012 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

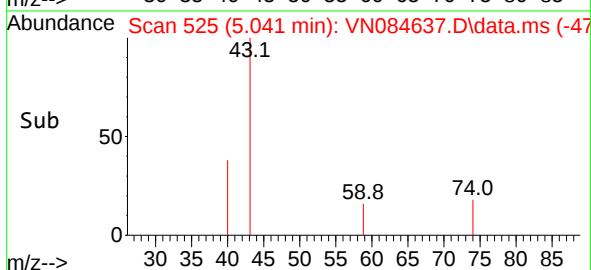
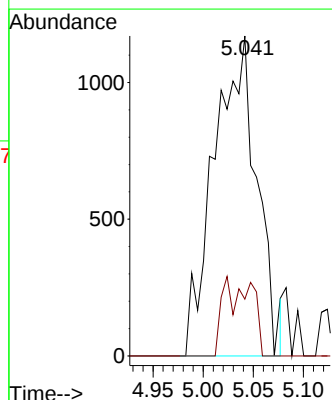
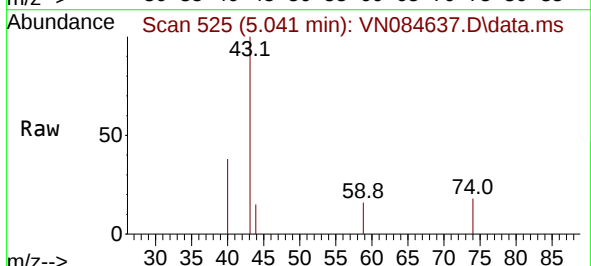
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-583-585

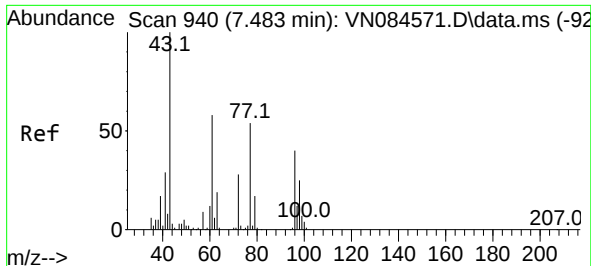
Tgt Ion: 43 Resp: 7982
Ion Ratio Lower Upper
43 100
58 21.6 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.041 min Scan# 525
Delta R.T. 0.023 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

Tgt Ion: 43 Resp: 3462
Ion Ratio Lower Upper
43 100
74 6.7 19.2 28.8#

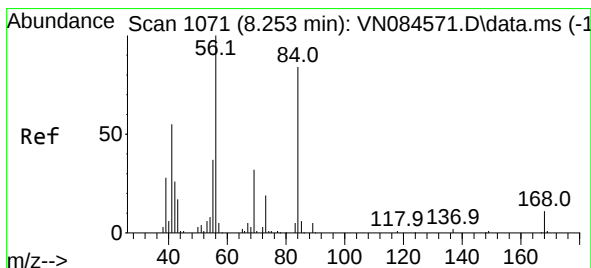
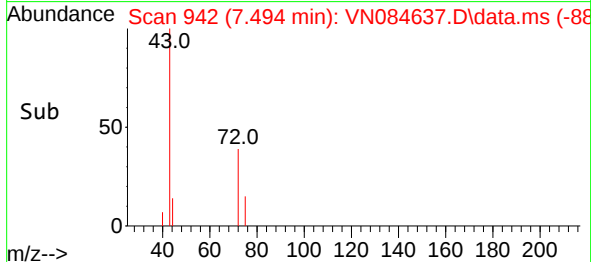
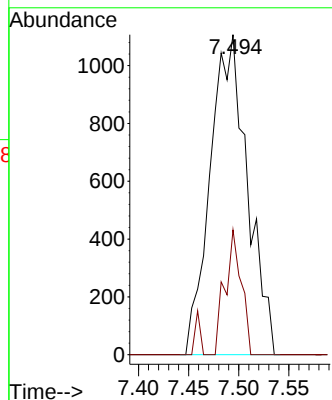
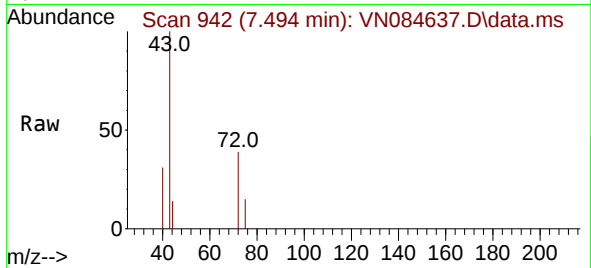




#25
2-Butanone
Concen: 2.327 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

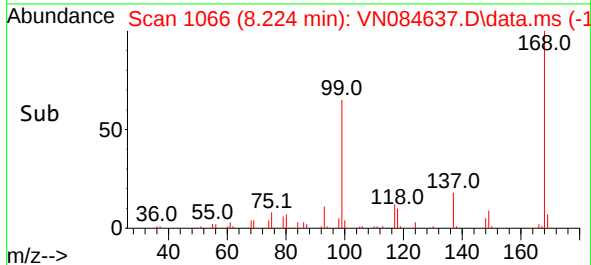
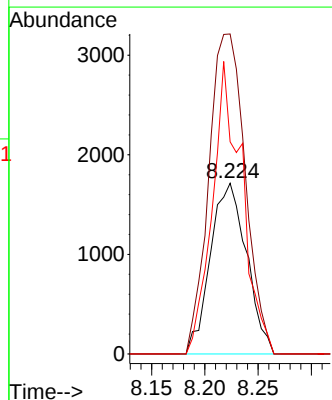
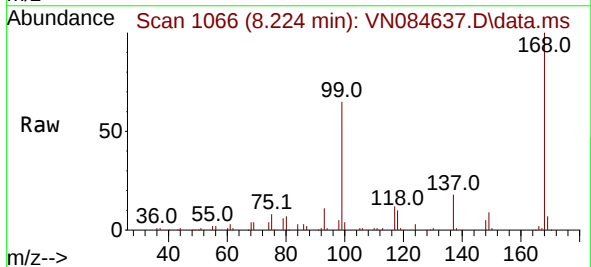
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-583-585

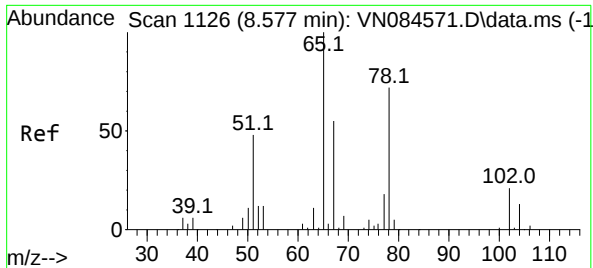
Tgt Ion: 43 Resp: 2855
Ion Ratio Lower Upper
43 100
72 39.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

Tgt Ion: 56 Resp: 4050
Ion Ratio Lower Upper
56 100
69 187.5 23.8 35.6#
84 124.3 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.630 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084637.D

Acq: 01 Nov 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

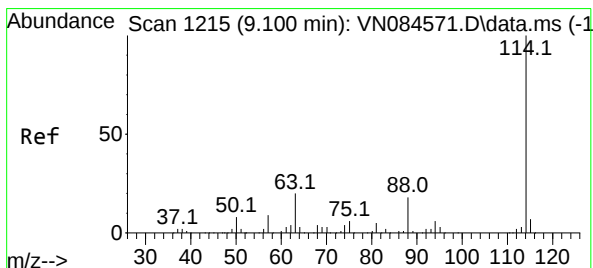
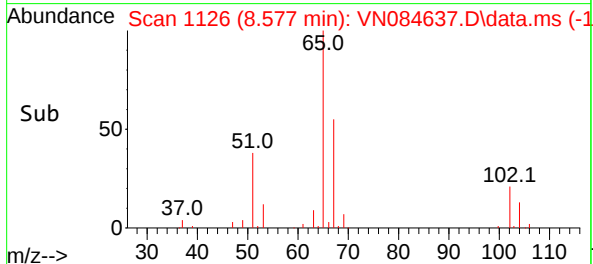
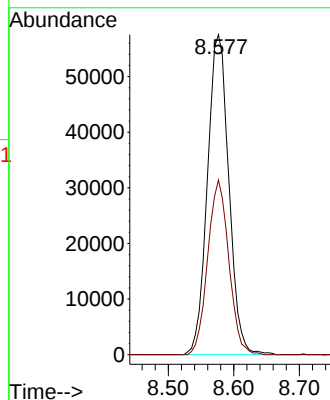
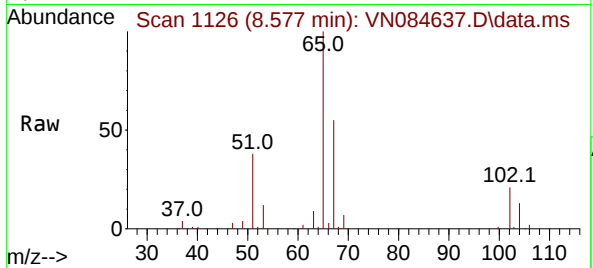
BP-VPB-190-GW-583-585

Tgt Ion: 65 Resp: 130524

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084637.D

Acq: 01 Nov 2024 14:42

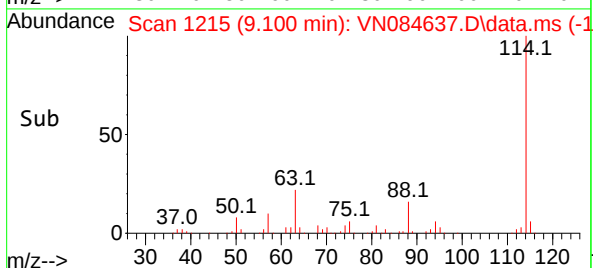
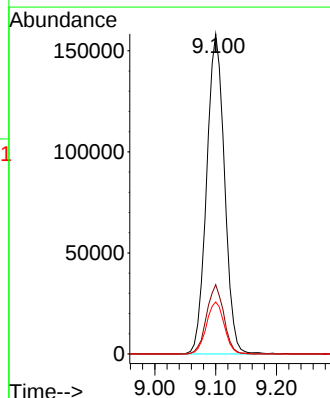
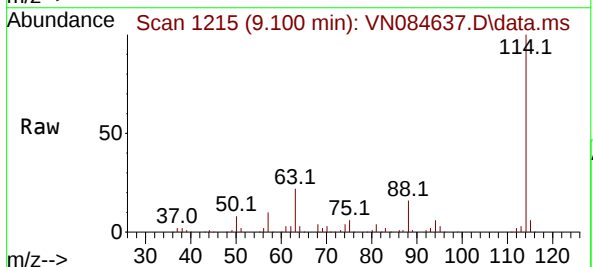
Tgt Ion: 114 Resp: 322631

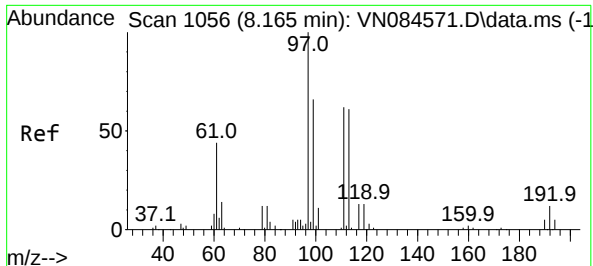
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 16.3 0.0 31.6

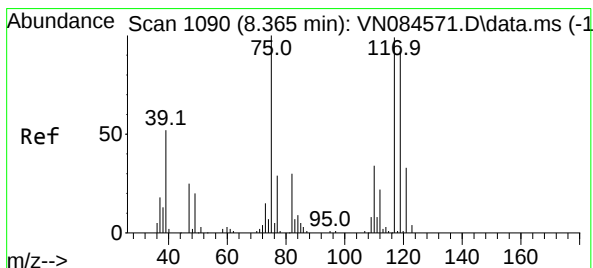
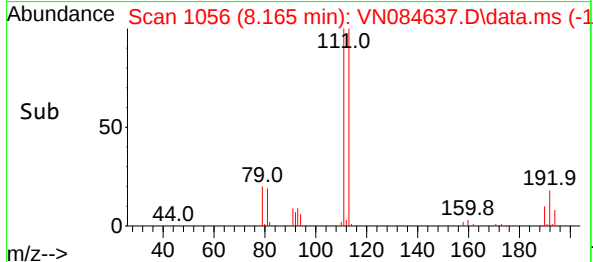
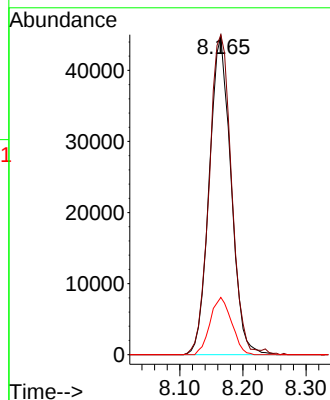
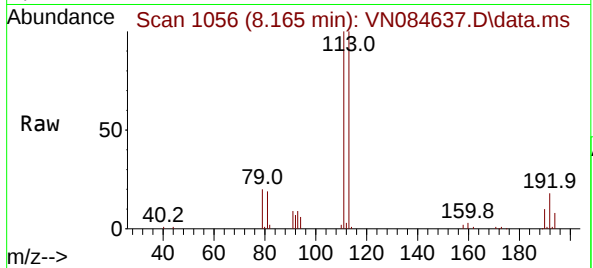




#35
Dibromofluoromethane
Concen: 48.918 ug/l
RT: 8.165 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

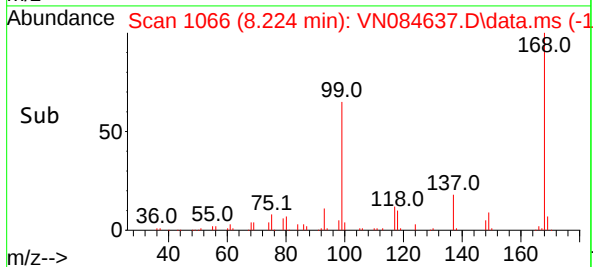
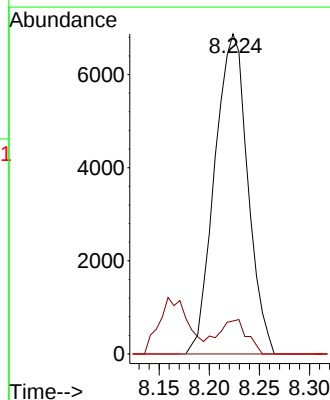
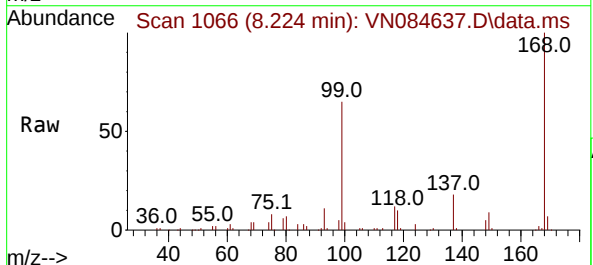
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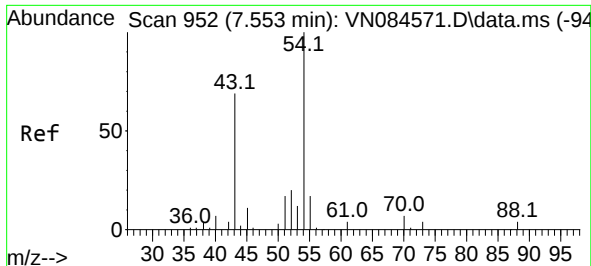
Tgt Ion:113 Resp: 106829
Ion Ratio Lower Upper
113 100
111 103.9 83.3 124.9
192 17.7 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.188 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

Tgt Ion: 75 Resp: 15714
Ion Ratio Lower Upper
75 100
110 9.6 16.9 50.7#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.039 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.065 min

Lab File: VN084637.D

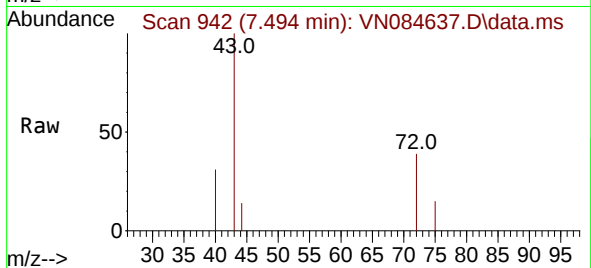
Acq: 01 Nov 2024 14:42

Instrument :

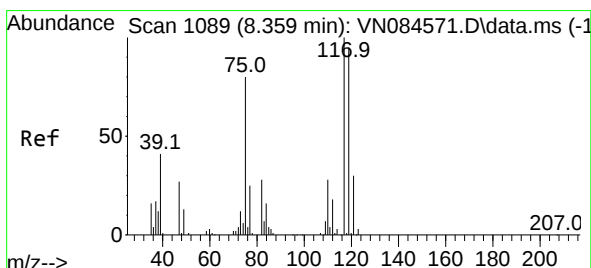
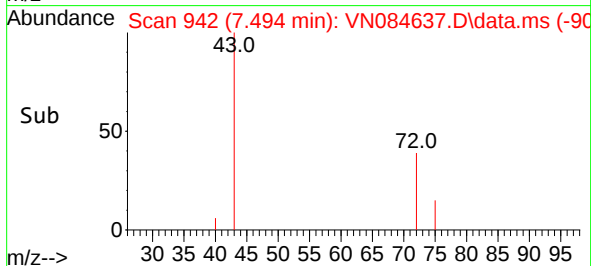
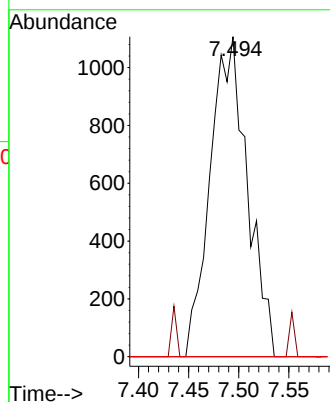
MSVOA_N

ClientSampleId :

BP-VPB-190-GW-583-585



Tgt Ion: 43	Resp: 2855
Ion Ratio	Lower Upper
43	100
61	0.0 10.7 16.1#
70	0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.901 ug/l

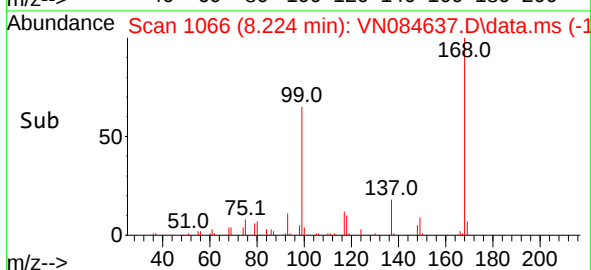
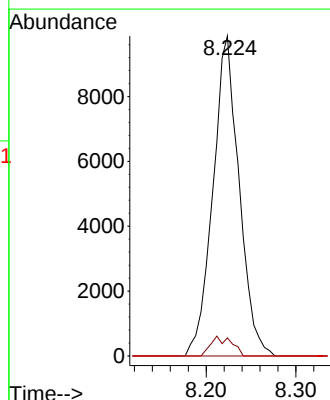
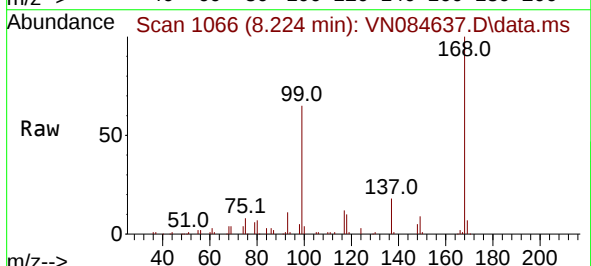
RT: 8.224 min Scan# 1066

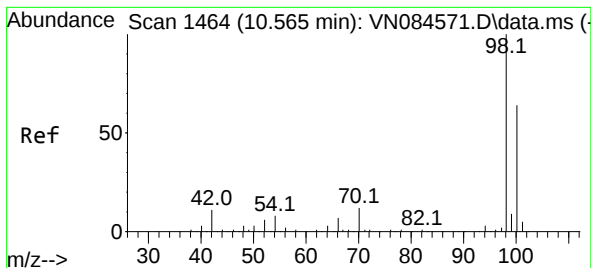
Delta R.T. -0.135 min

Lab File: VN084637.D

Acq: 01 Nov 2024 14:42

Tgt Ion: 117	Resp: 19976
Ion Ratio	Lower Upper
117	100
119	5.7 78.7 118.1#
121	0.0 24.4 36.6#

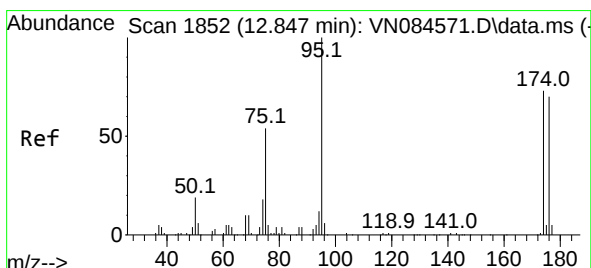
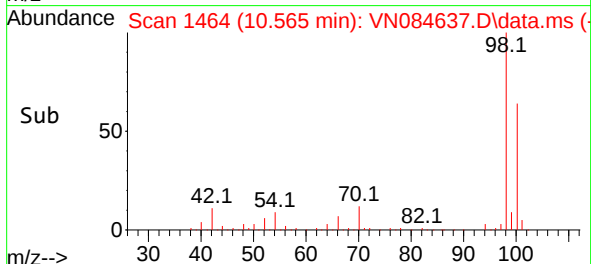
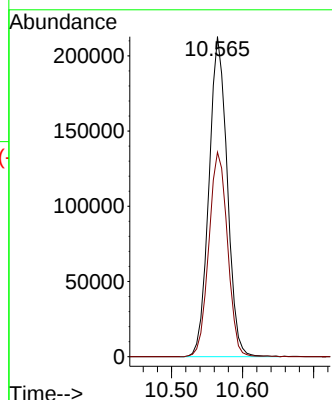
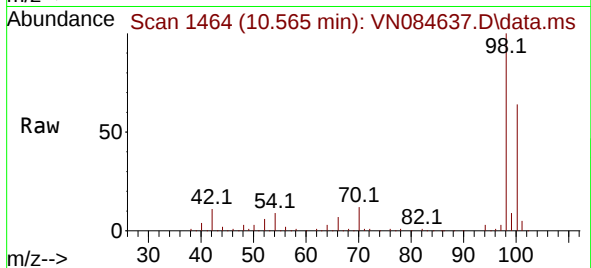




#50
Toluene-d8
Concen: 47.248 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

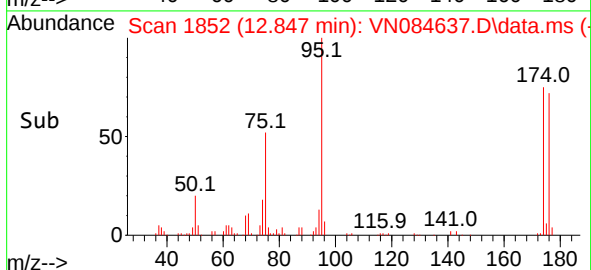
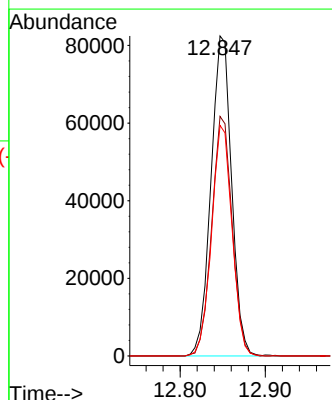
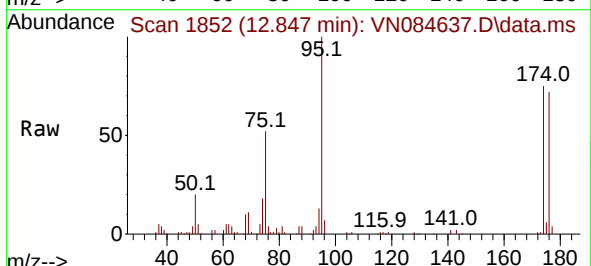
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-583-585

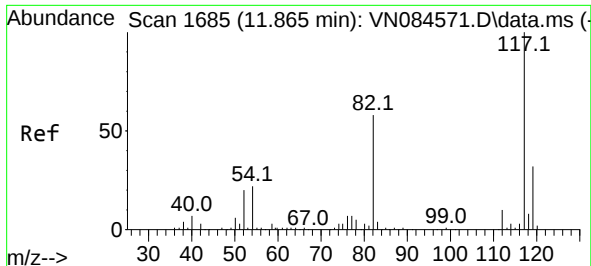
Tgt Ion: 98 Resp: 380085
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

Tgt Ion: 95 Resp: 138582
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 71.5 0.0 140.0

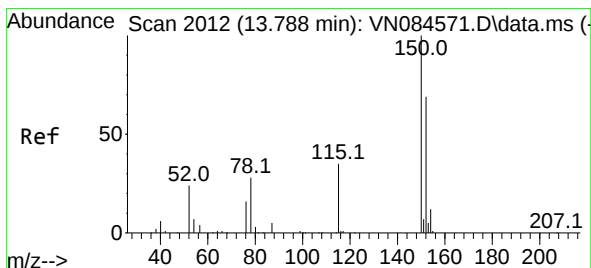
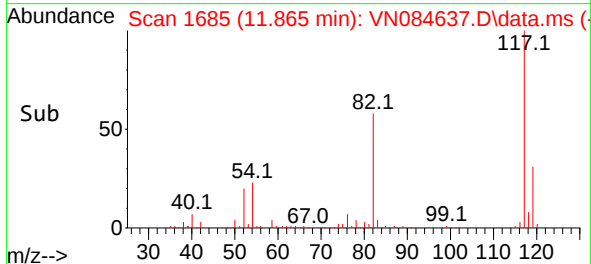
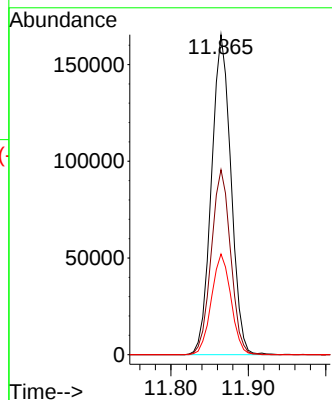
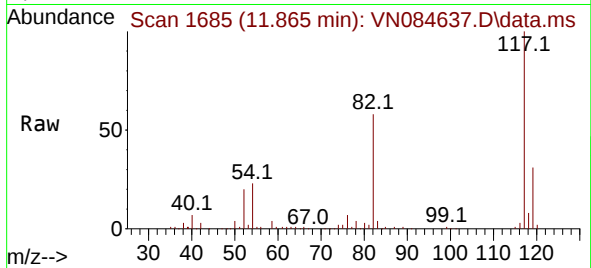




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

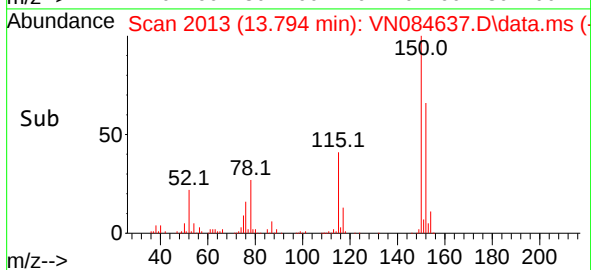
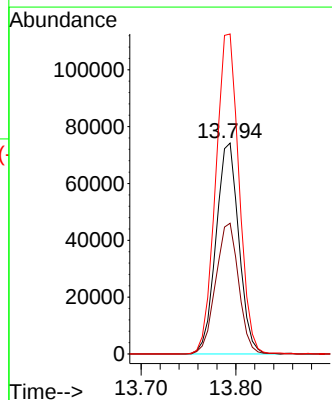
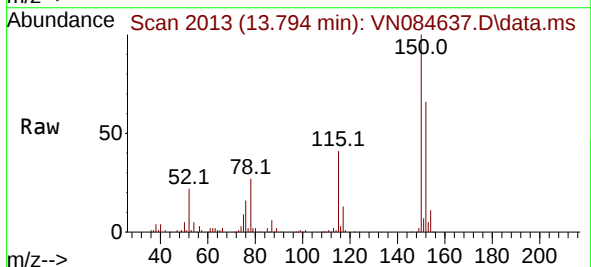
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-583-585

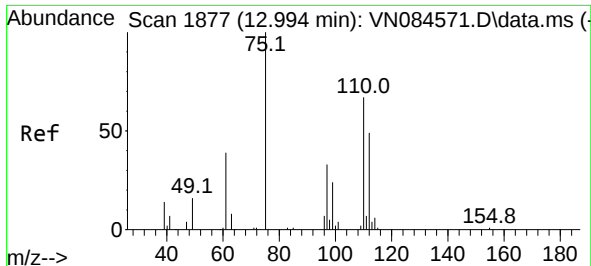
Tgt Ion:117 Resp: 288967
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

Tgt Ion:152 Resp: 124365
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.9
150 154.6 0.0 349.8

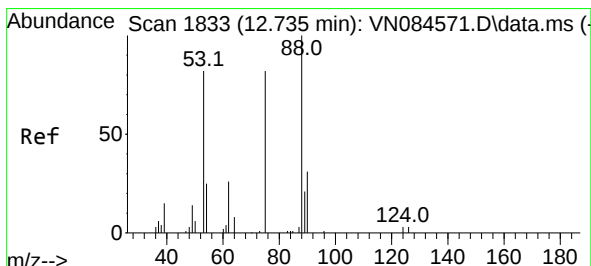
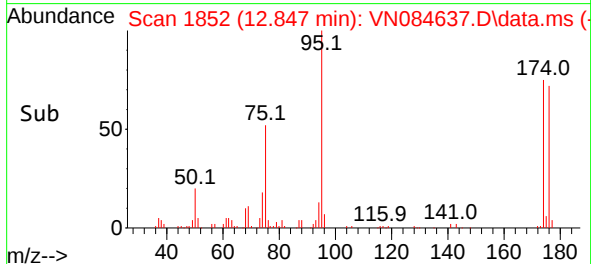
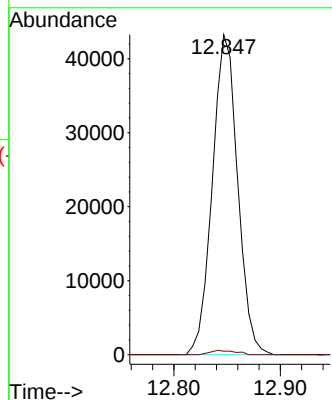
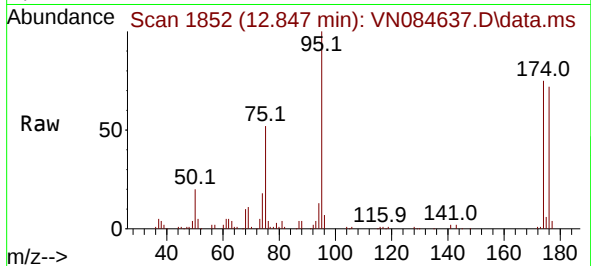




#76
1,2,3-Trichloropropane
Concen: 28.651 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

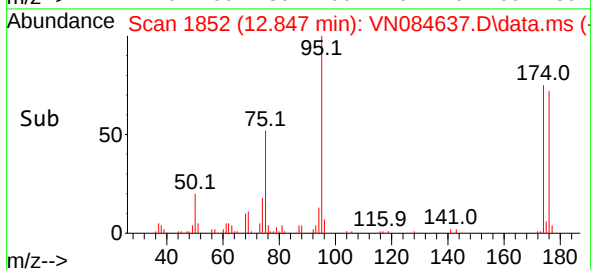
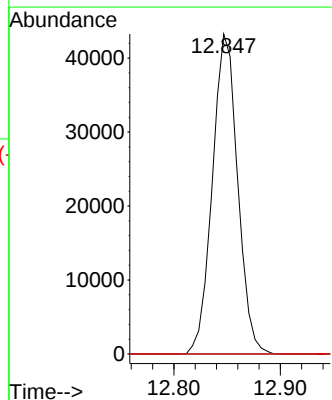
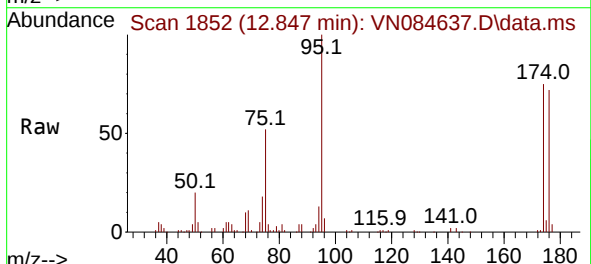
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-583-585

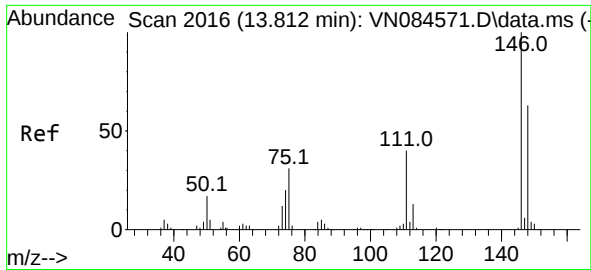
Tgt Ion: 75 Resp: 71227
Ion Ratio Lower Upper
75 100
77 1.4 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.972 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084637.D
Acq: 01 Nov 2024 14:42

Tgt Ion: 75 Resp: 71227
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.817 min Scan# 20

Delta R.T. 0.005 min

Lab File: VN084637.D

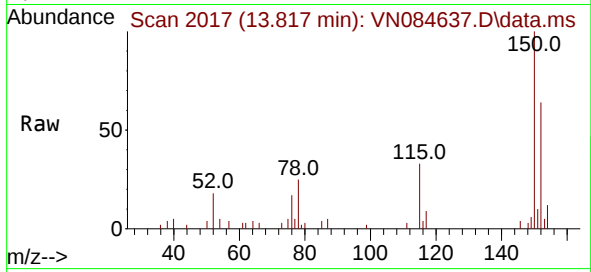
Acq: 01 Nov 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-GW-583-585



Tgt Ion:146 Resp: 458

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 0.0 31.9 95.9#

