

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084641.D
 Acq On : 01 Nov 2024 16:19
 Operator : JC\MD
 Sample : P4665-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-598-600

Quant Time: Nov 04 04:29:34 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/04/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	169823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122601	49.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.960%		
35) Dibromofluoromethane	8.159	113	98779	49.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	10.565	98	347290	47.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.847	95	129879	47.236	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.480%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.365	101	1924m	0.984	ug/l	Qvalue
44) Trichloroethene	9.341	130	532	0.259	ug/l	92

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

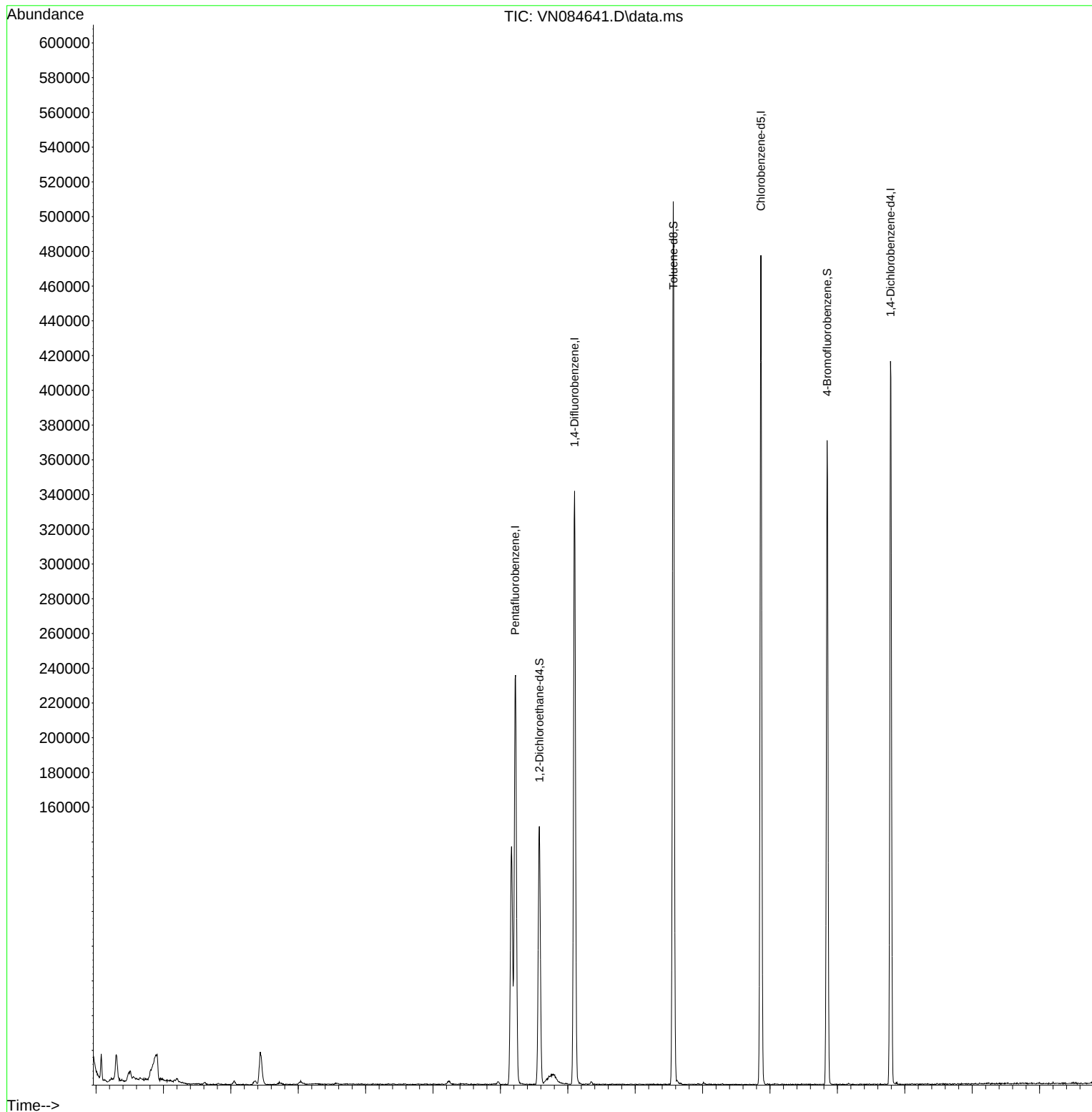
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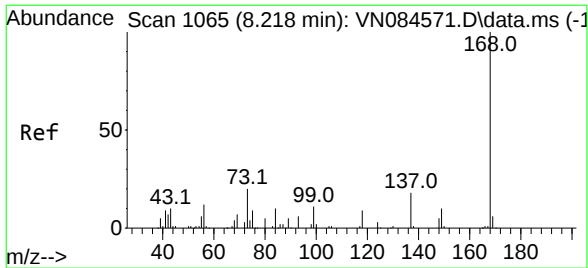
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-598-600

Quant Time: Nov 04 04:29:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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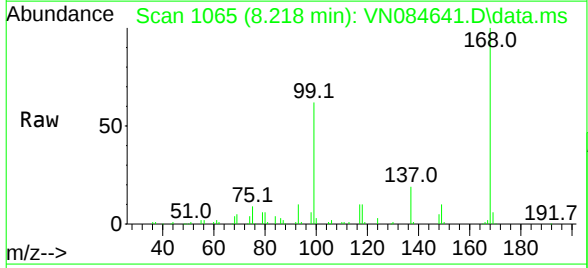
Reviewed By :Mahesh Dadoda 11/04/2024
Supervised By :Semsettin Yesilyurt 11/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084641.D
Acq: 01 Nov 2024 16:19

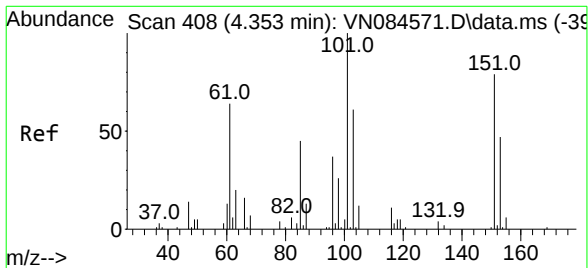
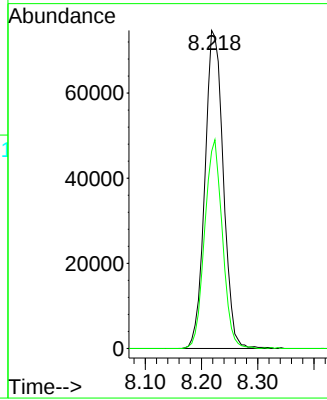
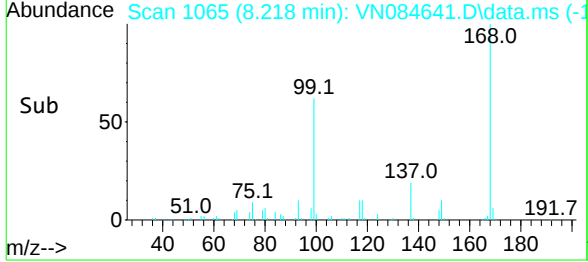
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-598-600



Tgt Ion:168 Resp: 169823
Ion Ratio Lower Upper
168 100
99 61.9 54.2 81.2

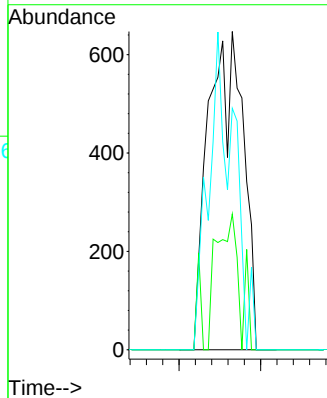
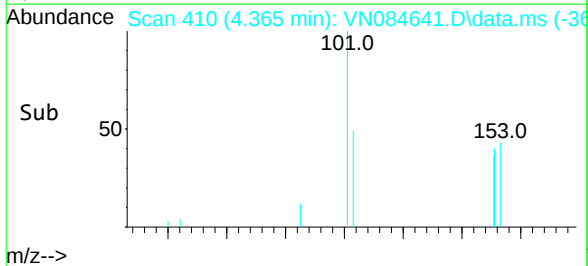
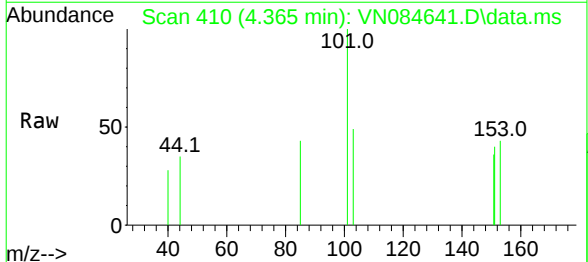
Manual Integrations
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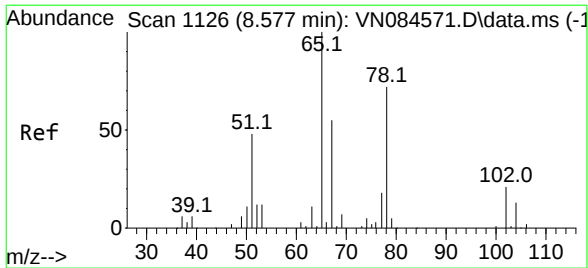
Reviewed By :Mahesh Dadoda 11/04/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.984 ug/l m
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN084641.D
Acq: 01 Nov 2024 16:19

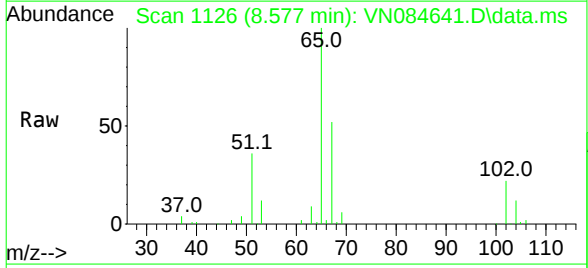
Tgt Ion:101 Resp: 1924
Ion Ratio Lower Upper
101 100
85 28.5 36.2 54.4#
151 47.5 59.3 88.9#





#33
1,2-Dichloroethane-d4
Concen: 49.984 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084641.D
Acq: 01 Nov 2024 16:19

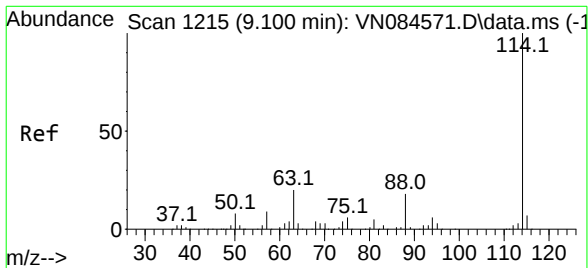
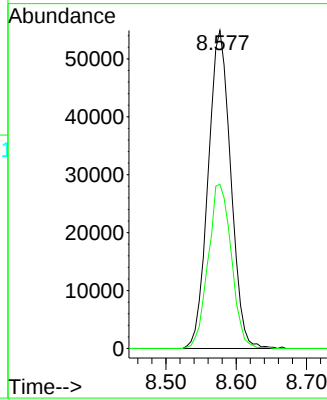
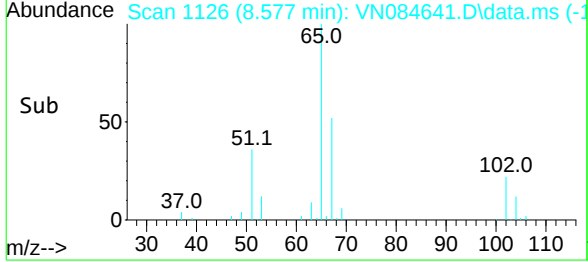
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-598-600



Tgt Ion: 65 Resp: 122601
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.0

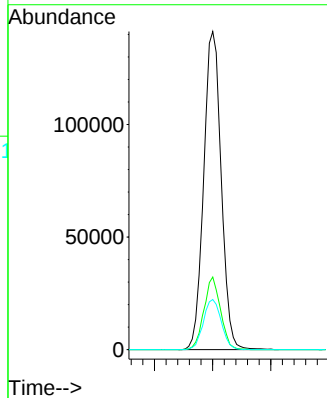
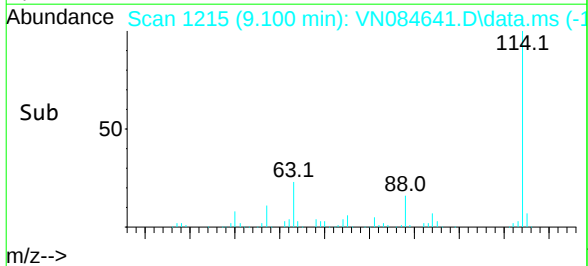
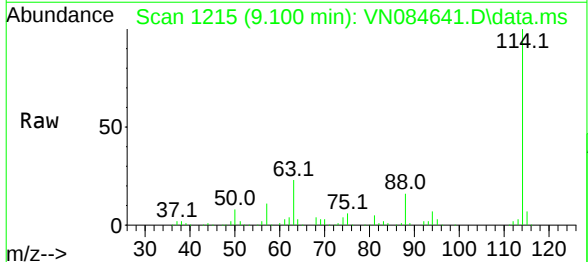
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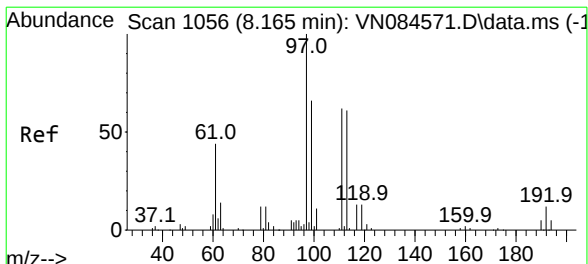
Reviewed By :Mahesh Dadoda 11/04/2024
Supervised By :Semsettin Yesilyurt 11/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084641.D
Acq: 01 Nov 2024 16:19

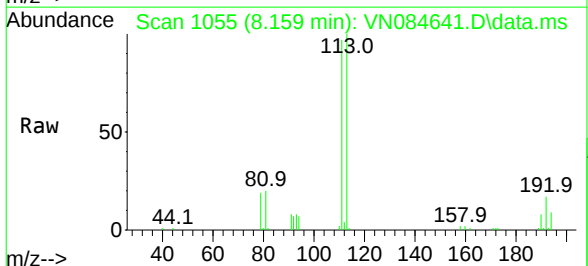
Tgt Ion:114 Resp: 295064
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.8
88 15.7 0.0 31.6





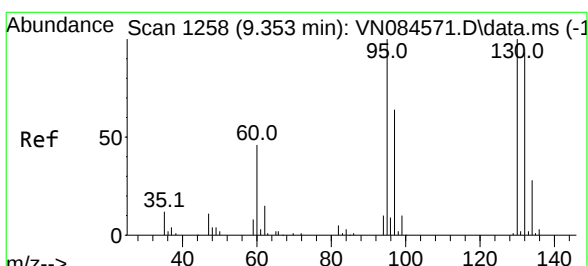
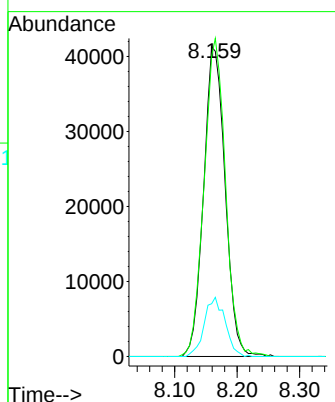
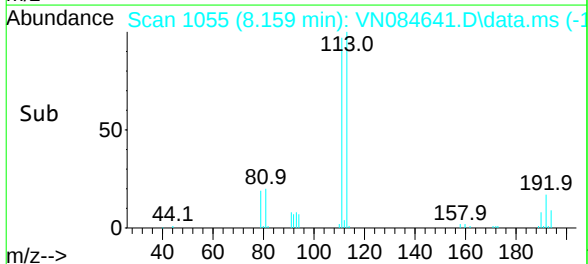
#35
 Dibromofluoromethane
 Concen: 49.458 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084641.D
 Acq: 01 Nov 2024 16:19

Instrument : MSVOA_N
 ClientSampleId : BP-VPB-190-GW-598-600



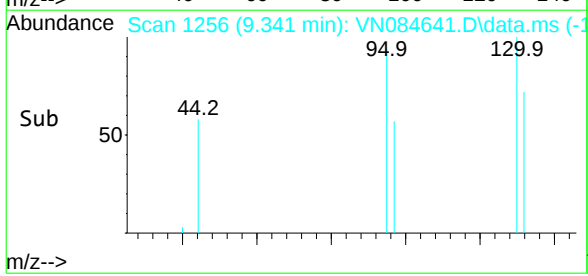
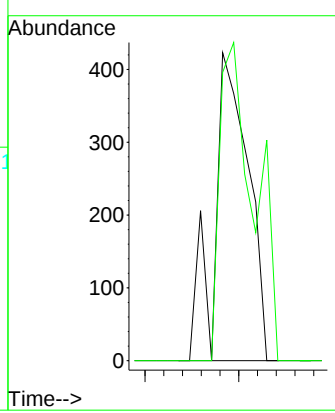
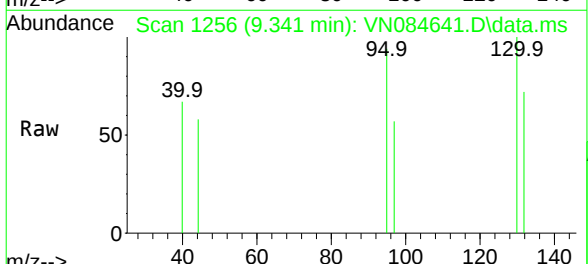
Tgt Ion:	113	Resp:	98779
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.3	124.9
192	18.6	13.5	20.3

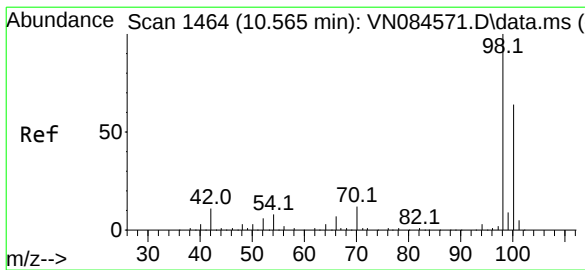
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 Supervised By :Semsettin Yesilyurt 11/04/2024



#44
 Trichloroethene
 Concen: 0.259 ug/l
 RT: 9.341 min Scan# 1256
 Delta R.T. -0.006 min
 Lab File: VN084641.D
 Acq: 01 Nov 2024 16:19

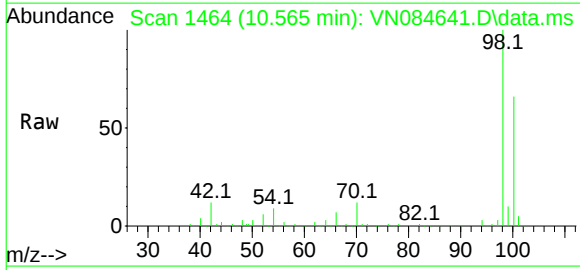
Tgt Ion:	130	Resp:	532
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	203.0





#50
Toluene-d8
Concen: 47.204 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084641.D
Acq: 01 Nov 2024 16:19

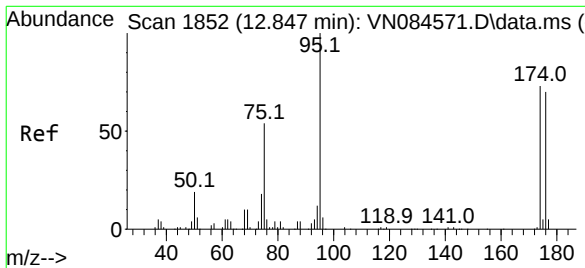
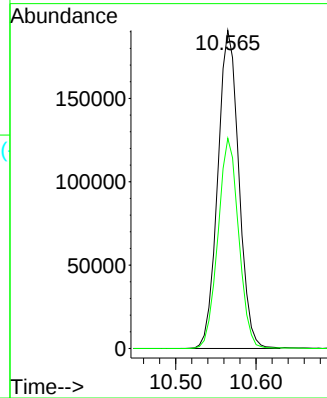
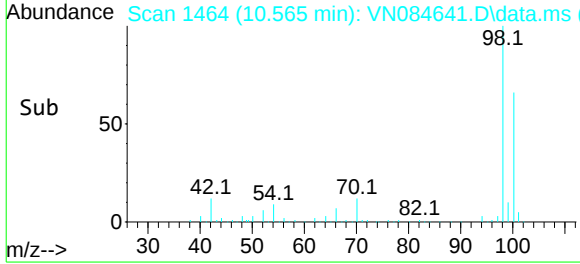
Instrument : MSVOA_N
ClientSampleId : BP-VPB-190-GW-598-600



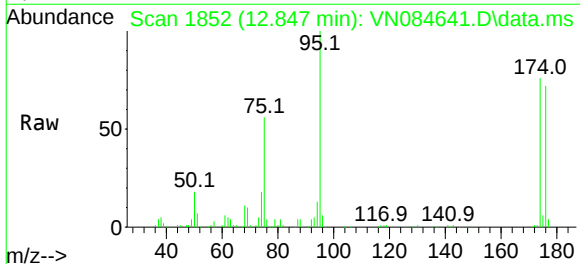
Tgt Ion: 98 Resp: 347296
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

Manual Integrations
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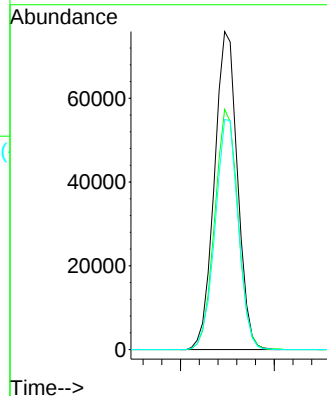
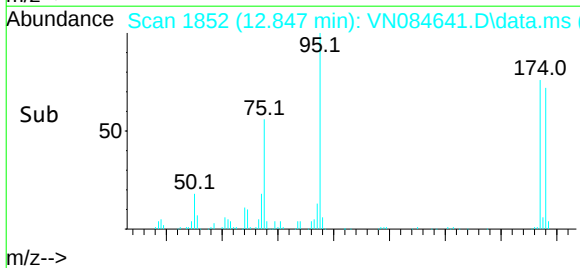
Reviewed By :Mahesh Dadoda 11/04/2024
Supervised By :Semsettin Yesilyurt 11/04/2024

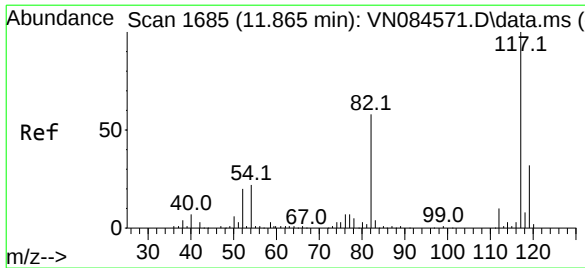


#62
4-Bromofluorobenzene
Concen: 47.236 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084641.D
Acq: 01 Nov 2024 16:19



Tgt Ion: 95 Resp: 129879
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.2
176 72.7 0.0 140.0





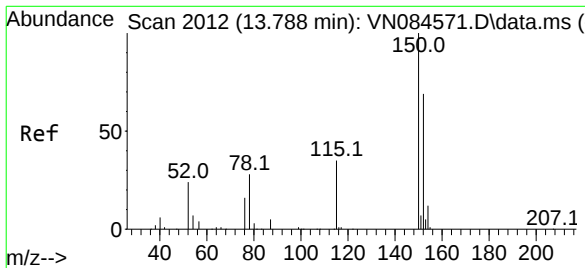
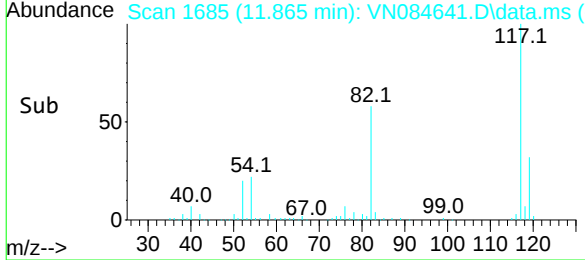
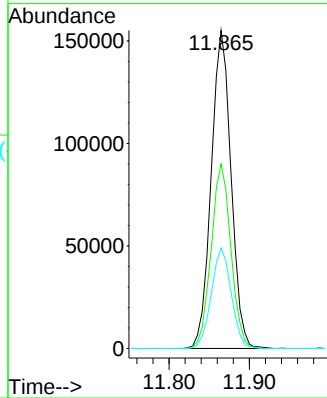
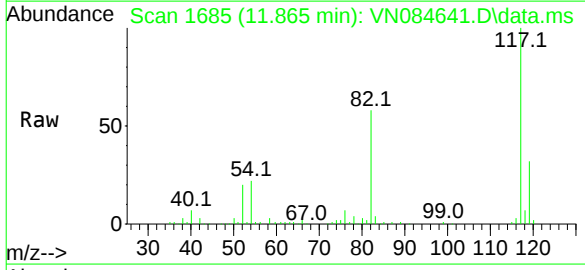
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084641.D
Acq: 01 Nov 2024 16:19

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-598-600

Tgt Ion:117 Resp: 266018
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 31.6 25.4 38.0

Manual Integrations
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Supervised By :Semsettin Yesilyurt 11/04/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084641.D
Acq: 01 Nov 2024 16:19

Tgt Ion:152 Resp: 115441
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.9
150 159.6 0.0 349.8

