

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040324\
 Data File : VN081661.D
 Acq On : 03 Apr 2024 16:11
 Operator : JC\MD
 Sample : P1952-12
 Misc : 4.40g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-D-GRAB

Quant Time: Apr 04 04:58:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

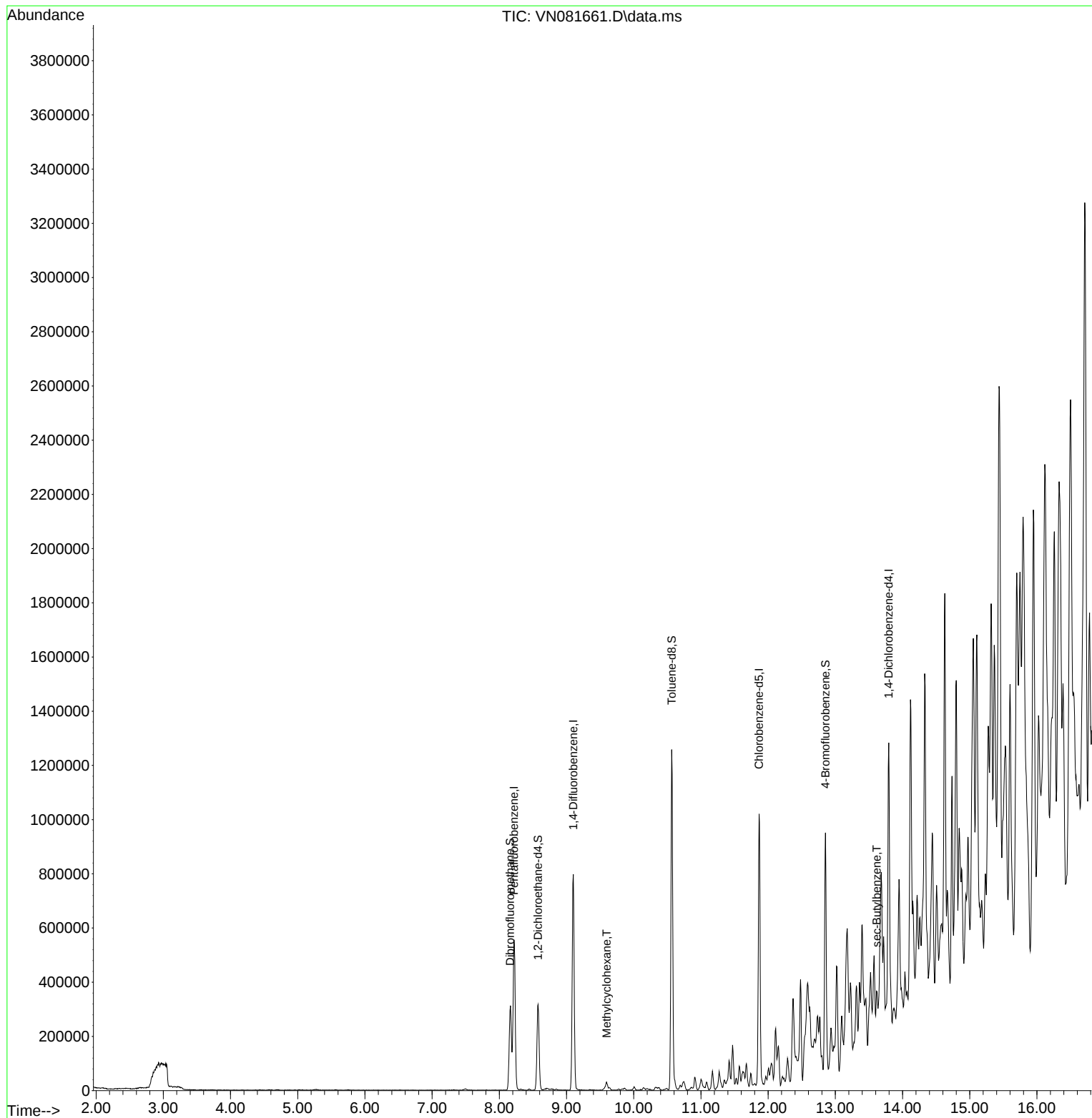
Internal Standards						
1) Pentafluorobenzene	8.218	168	402741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	723715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	616905	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	293371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	262910	51.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.380%			
35) Dibromofluoromethane	8.159	113	226088	49.501	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.000%			
50) Toluene-d8	10.565	98	828842	50.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.853	95	286384	49.227	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.460%			
Target Compounds						
39) Methylcyclohexane	9.594	83	11080	1.291	ug/l #	82
85) sec-Butylbenzene	13.618	105	33025	1.297	ug/l	81

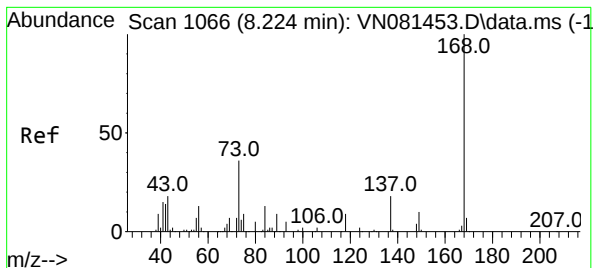
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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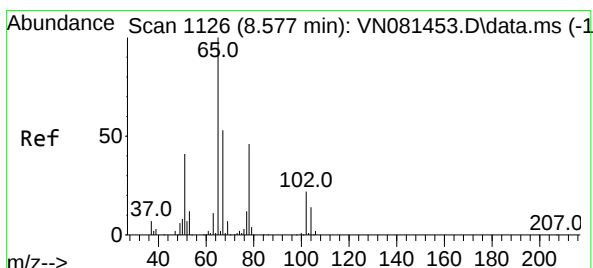
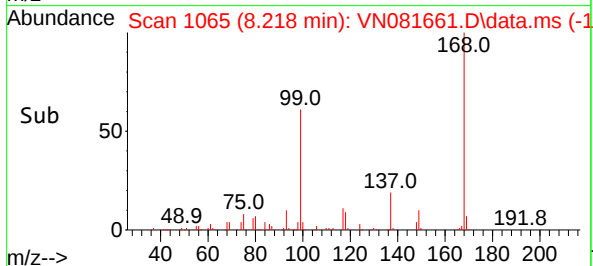
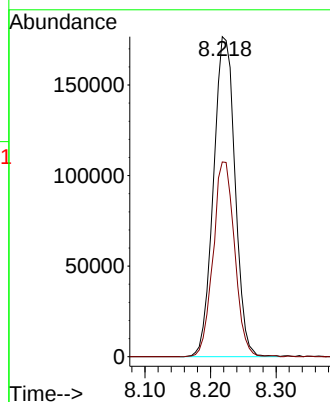
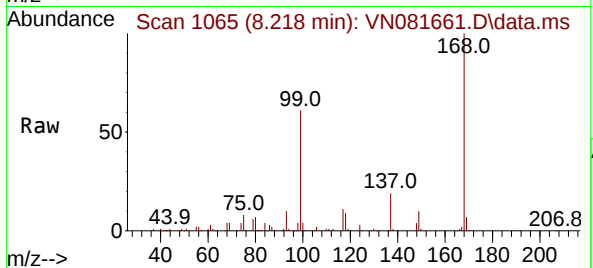




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN081661.D
Acq: 03 Apr 2024 16:11

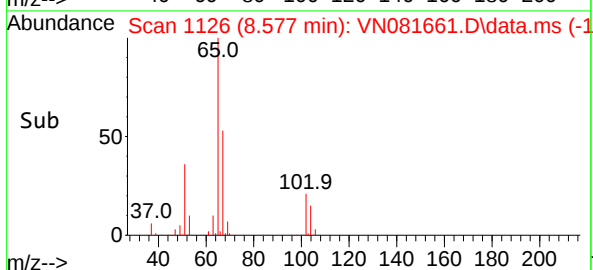
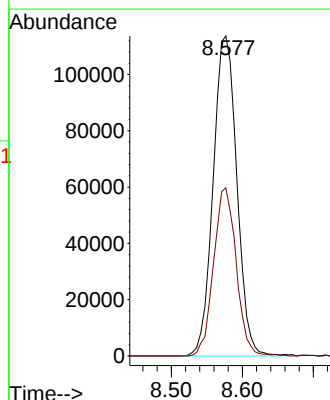
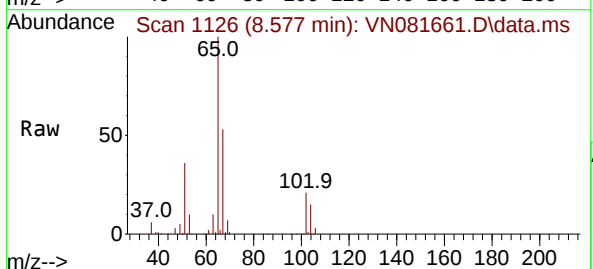
Instrument :
MSVOA_N
ClientSampleId :
WC-D-GRAB

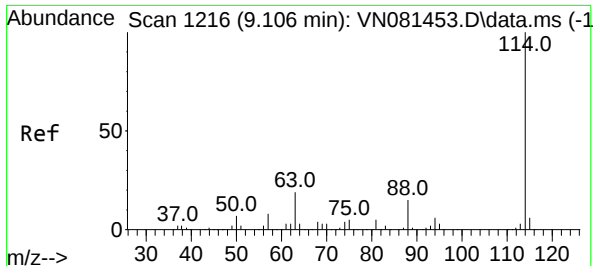
Tgt Ion:168 Resp: 402741
Ion Ratio Lower Upper
168 100
99 60.9 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.189 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081661.D
Acq: 03 Apr 2024 16:11

Tgt Ion: 65 Resp: 262910
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.4

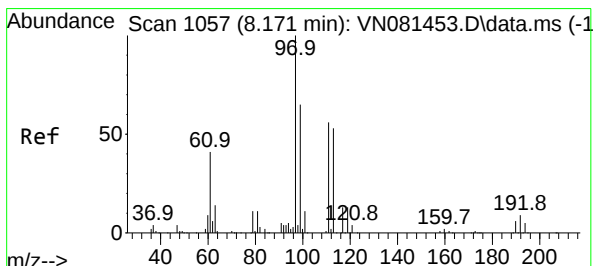
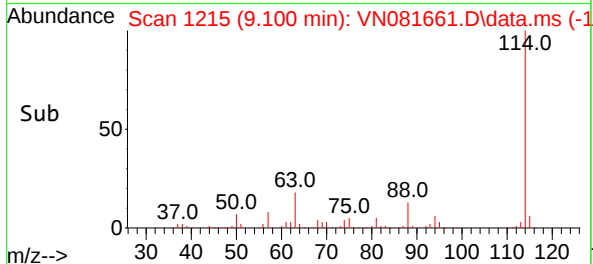
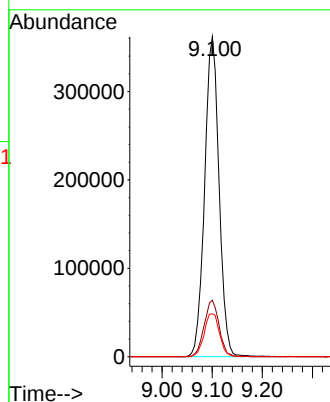
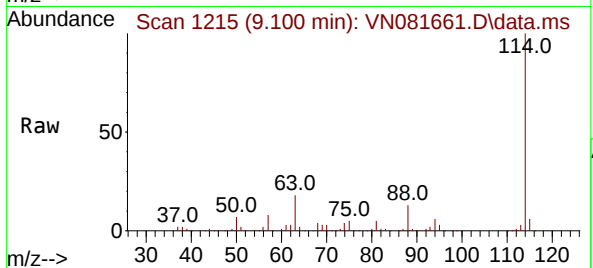




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081661.D
Acq: 03 Apr 2024 16:11

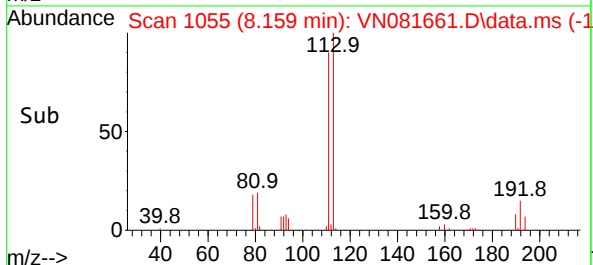
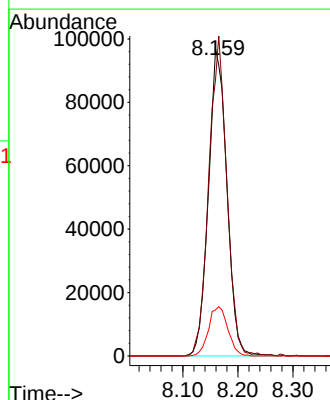
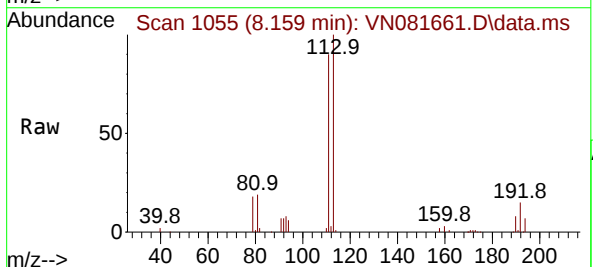
Instrument :
MSVOA_N
ClientSampleId :
WC-D-GRAB

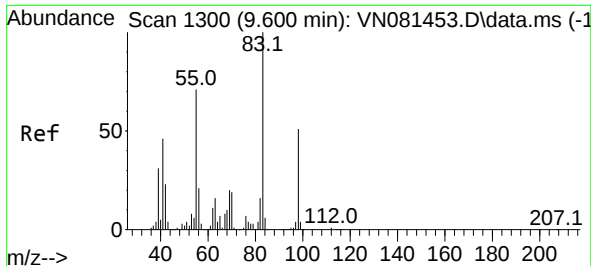
Tgt Ion:114 Resp: 723715
Ion Ratio Lower Upper
114 100
63 17.6 0.0 48.0
88 13.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.501 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN081661.D
Acq: 03 Apr 2024 16:11

Tgt Ion:113 Resp: 226088
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 16.7 12.5 18.7





#39

Methylcyclohexane

Concen: 1.291 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081661.D

Acq: 03 Apr 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

WC-D-GRAB

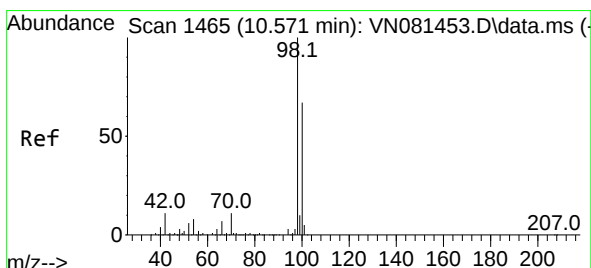
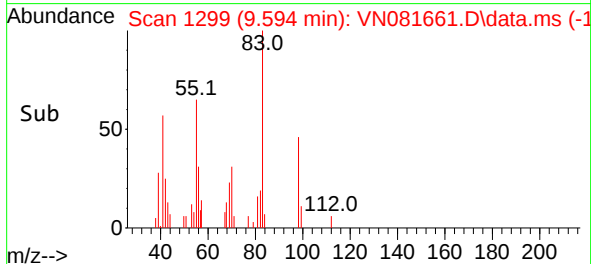
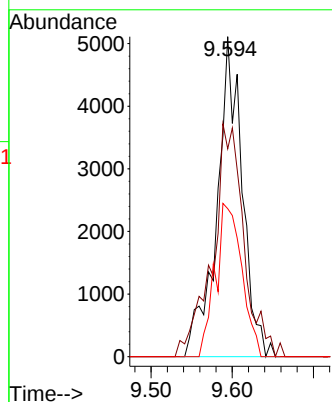
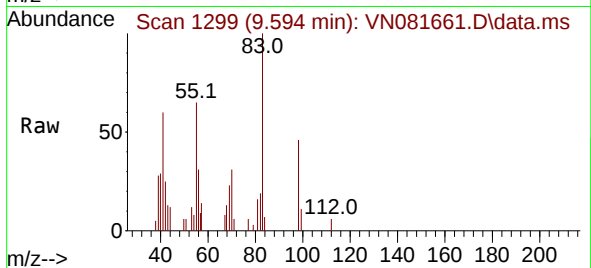
Tgt Ion: 83 Resp: 11080

Ion Ratio Lower Upper

83 100

55 60.7 65.7 98.5#

98 46.3 33.8 50.6



#50

Toluene-d8

Concen: 50.201 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081661.D

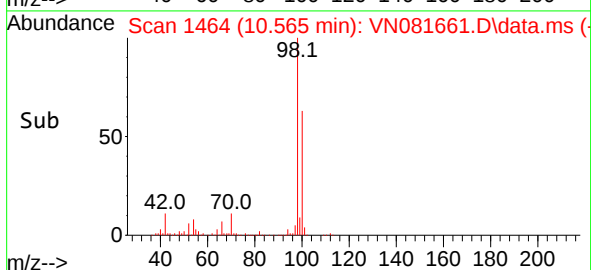
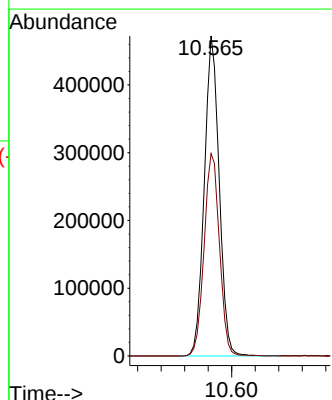
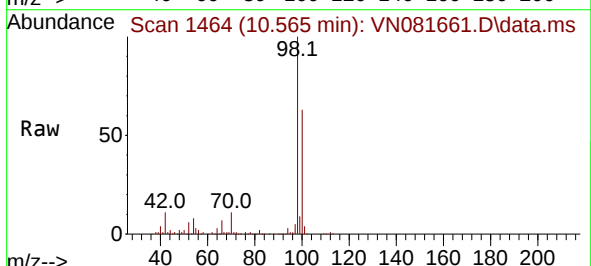
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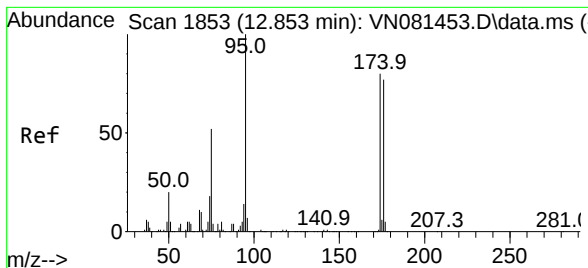
Tgt Ion: 98 Resp: 828842

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

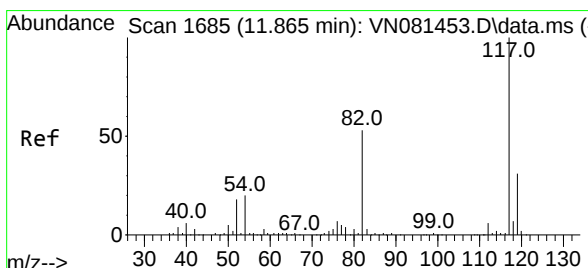
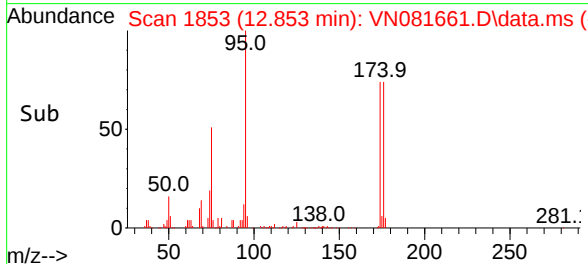
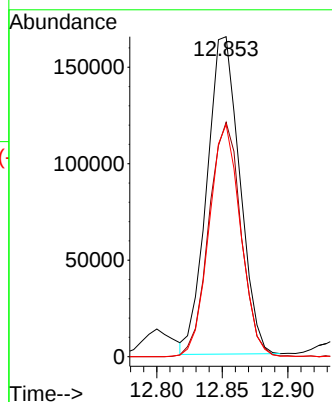
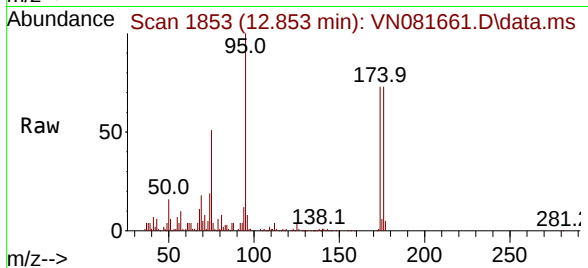




#62
4-Bromofluorobenzene
Concen: 49.227 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081661.D
Acq: 03 Apr 2024 16:11

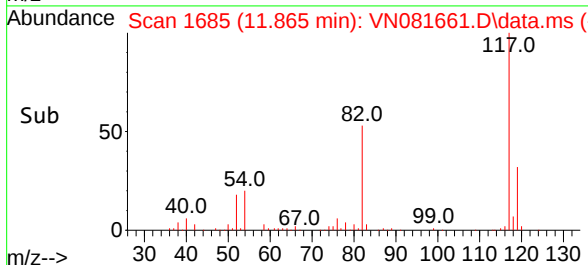
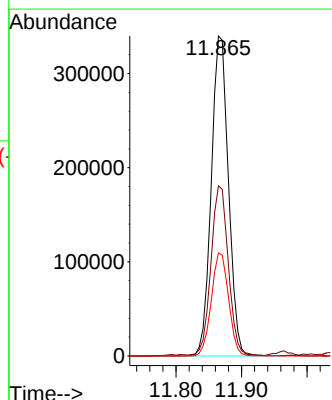
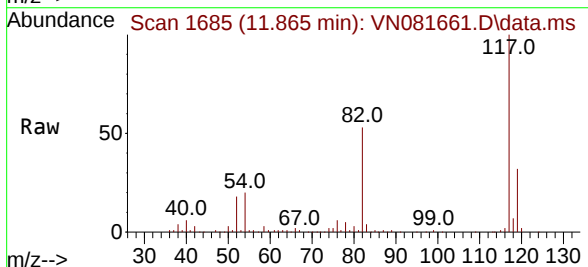
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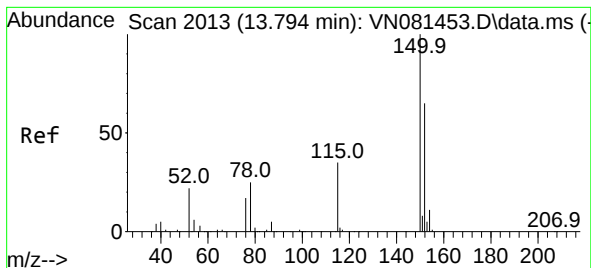
Tgt Ion: 95 Resp: 286384
Ion Ratio Lower Upper
95 100
174 72.6 0.0 120.4
176 70.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081661.D
Acq: 03 Apr 2024 16:11

Tgt Ion: 117 Resp: 616905
Ion Ratio Lower Upper
117 100
82 52.7 52.7 79.1#
119 32.2 25.3 37.9

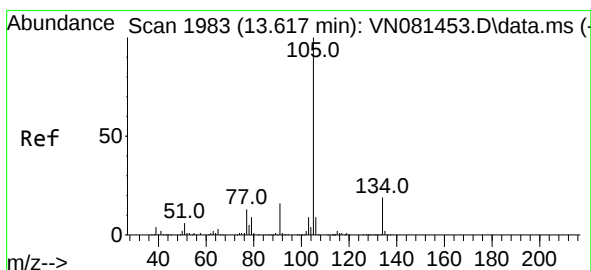
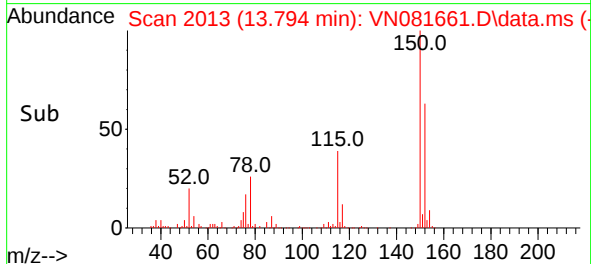
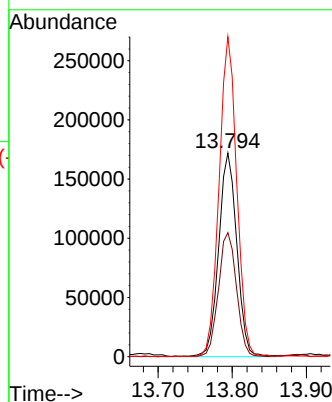
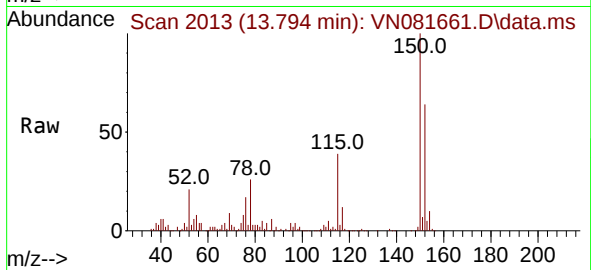




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081661.D
Acq: 03 Apr 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
WC-D-GRAB

Tgt Ion:152 Resp: 293371
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 152.8 0.0 339.8



#85
sec-Butylbenzene
Concen: 1.297 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081661.D
Acq: 03 Apr 2024 16:11

Tgt Ion:105 Resp: 33025
Ion Ratio Lower Upper
105 100
134 25.4 8.6 25.8

