

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069451.D
 Acq On : 11 Nov 2021 11:04
 Operator : JC/MD
 Sample : VN1111MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBL01

Quant Time: Nov 12 05:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

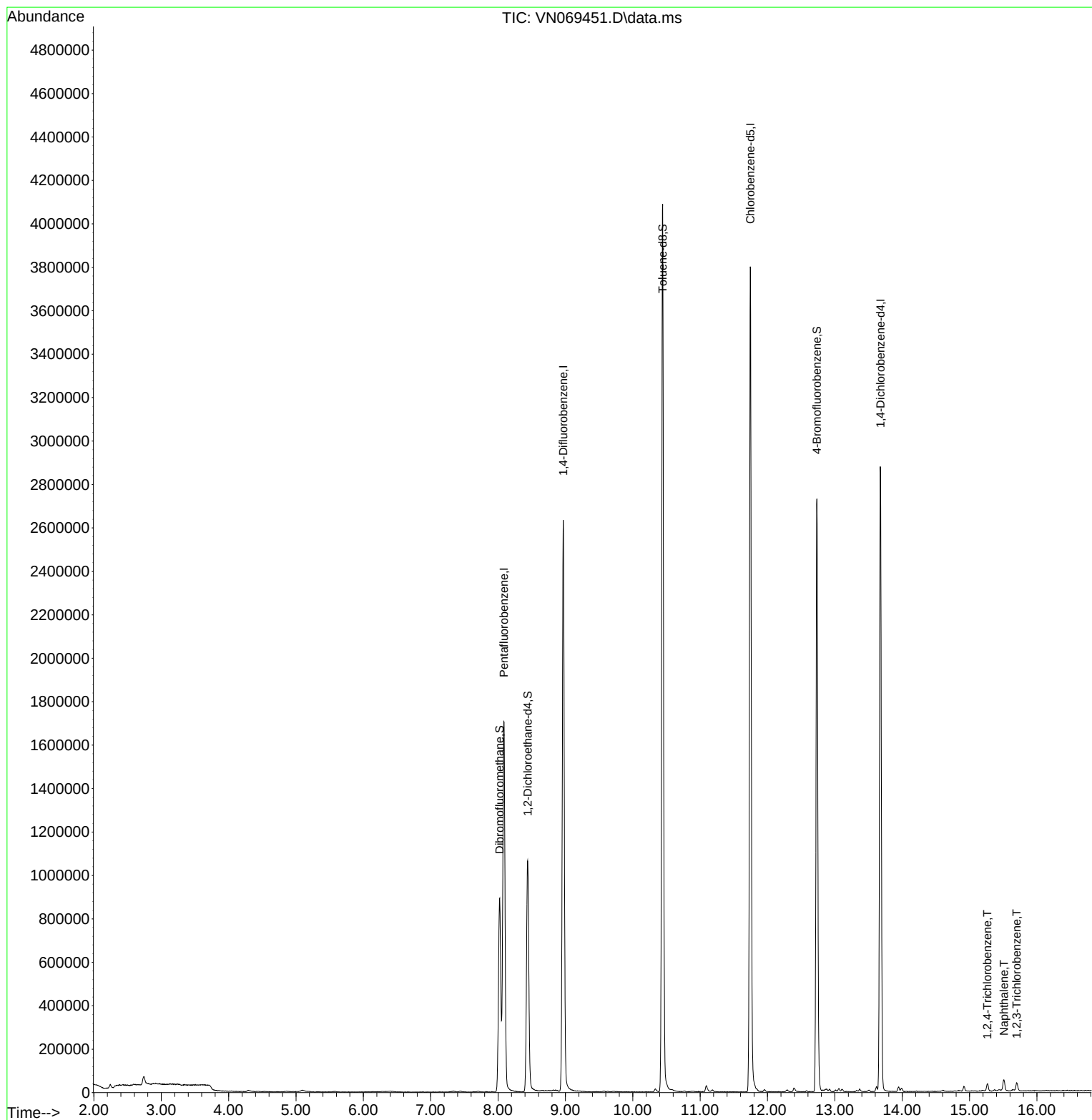
Internal Standards						
1) Pentafluorobenzene	8.086	168	1260115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2226117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2131654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	767715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	925192	50.637	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.280%
35) Dibromofluoromethane	8.024	113	654588	49.028	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.060%
50) Toluene-d8	10.443	98	2795909	53.245	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.733	95	941573	48.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.620%
Target Compounds						
93) 1,2,4-Trichlorobenzene	15.265	180	11429	4.000	ug/l	97
95) Naphthalene	15.509	128	48861	5.757	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.700	180	13719	4.281	ug/l	92

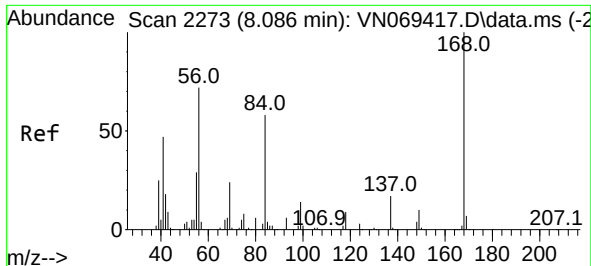
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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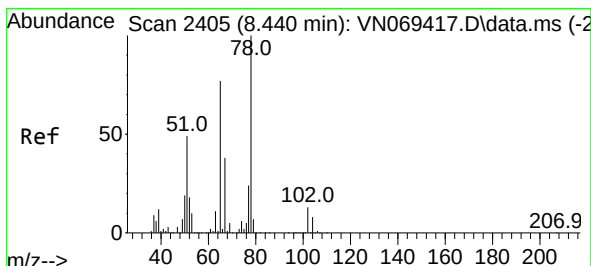
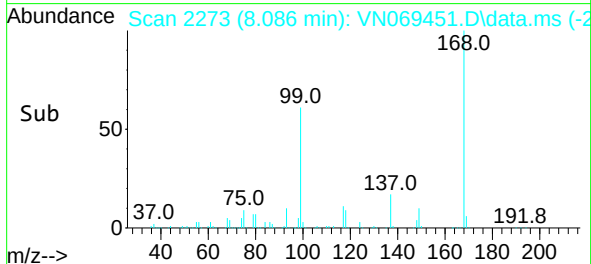
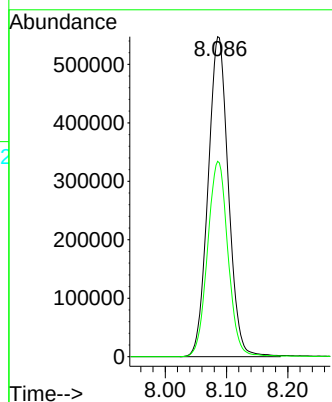
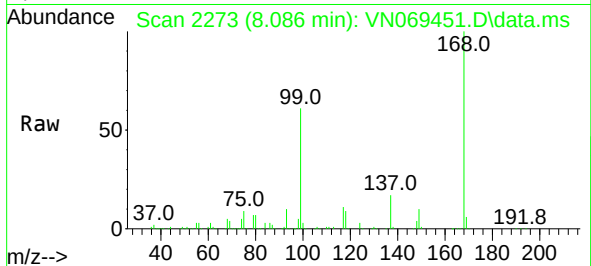




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069451.D
Acq: 11 Nov 2021 11:04

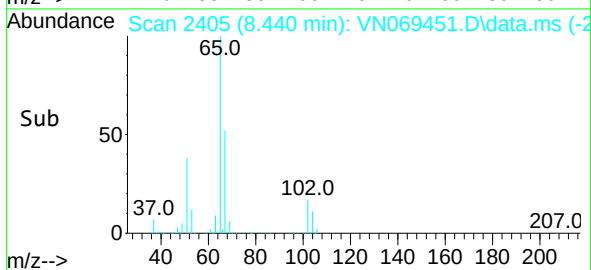
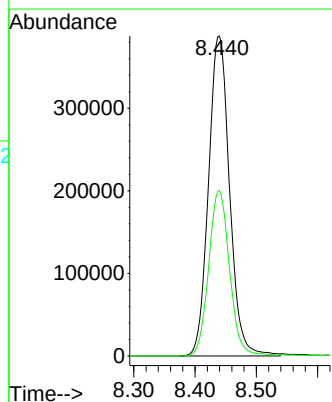
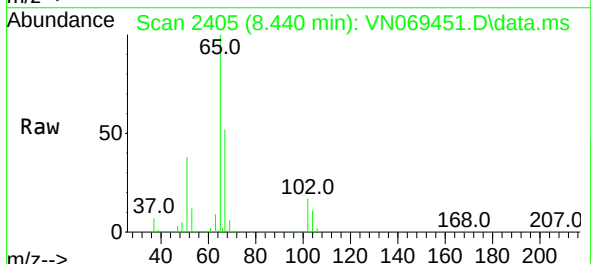
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

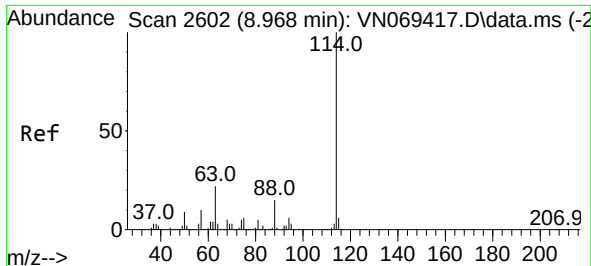
Tgt Ion:168 Resp: 1260115
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 50.637 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069451.D
Acq: 11 Nov 2021 11:04

Tgt Ion: 65 Resp: 925192
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

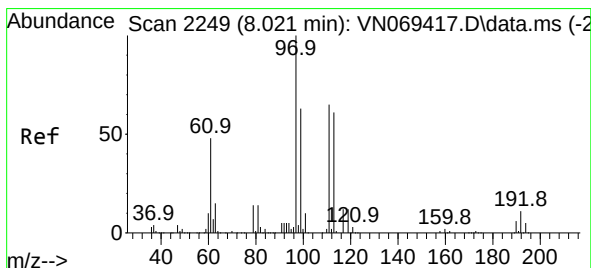
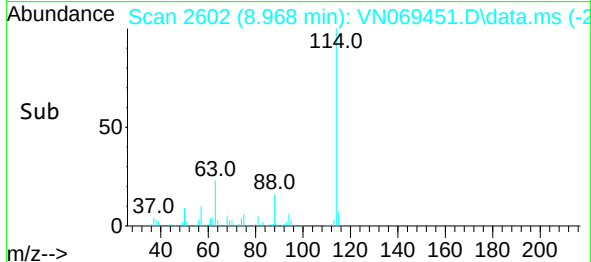
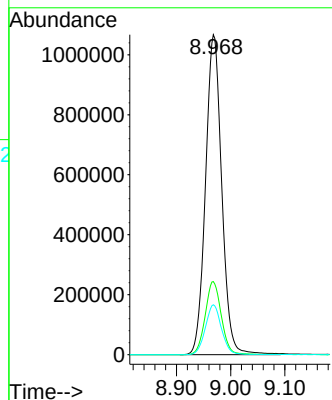
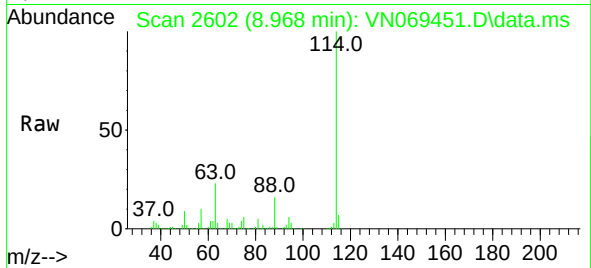




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN069451.D
Acq: 11 Nov 2021 11:04

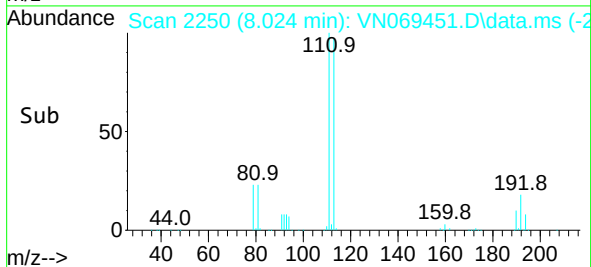
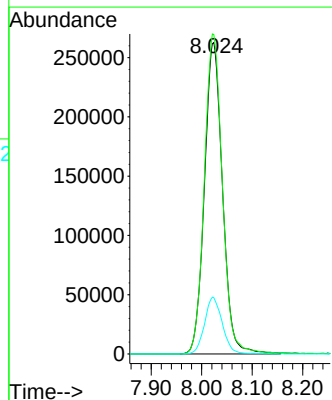
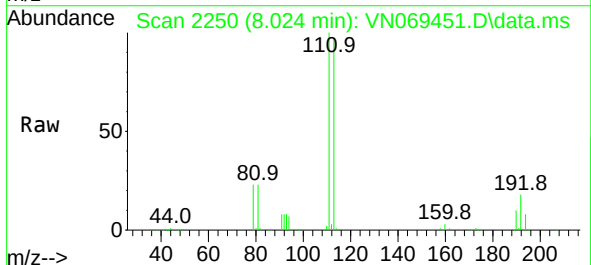
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

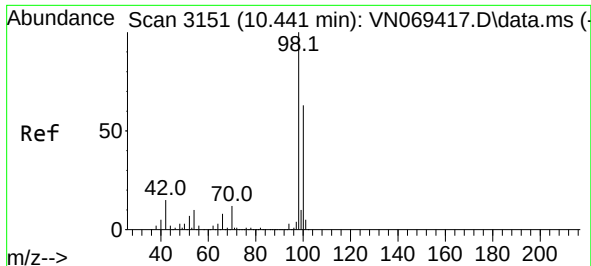
Tgt Ion:114 Resp: 2226117
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 15.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.028 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069451.D
Acq: 11 Nov 2021 11:04

Tgt Ion:113 Resp: 654588
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 17.8 16.9 25.3

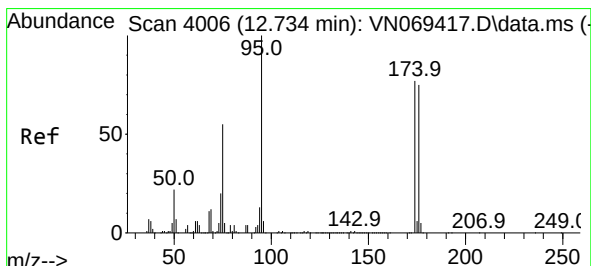
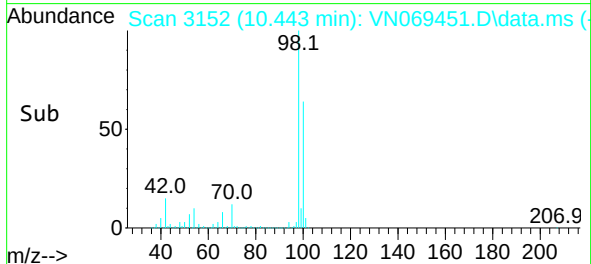
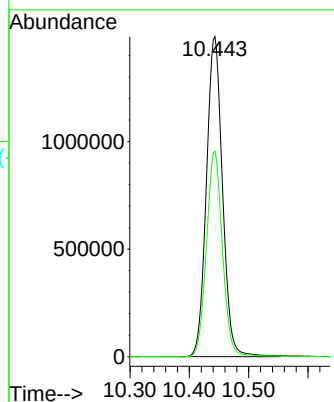
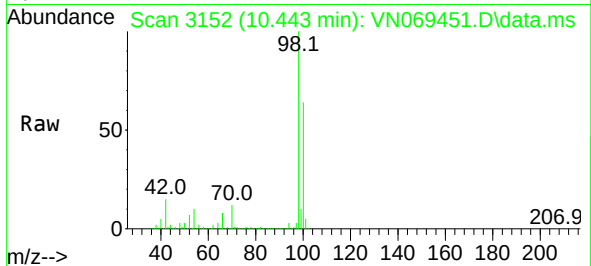




#50
Toluene-d8
Concen: 53.245 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069451.D
Acq: 11 Nov 2021 11:04

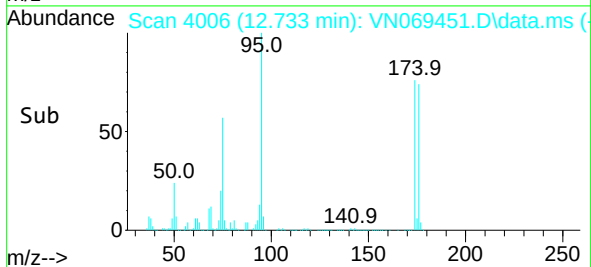
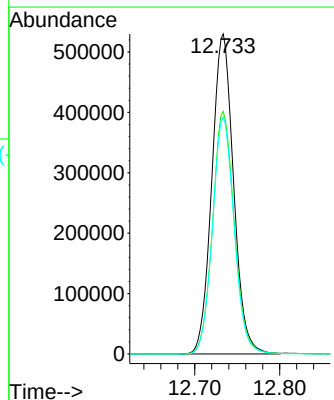
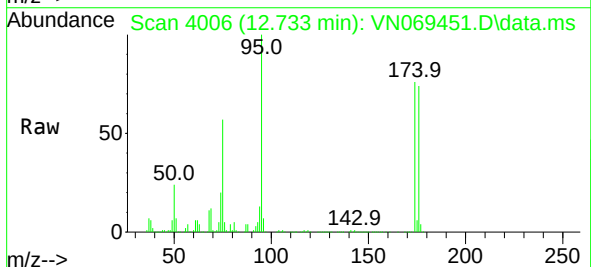
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

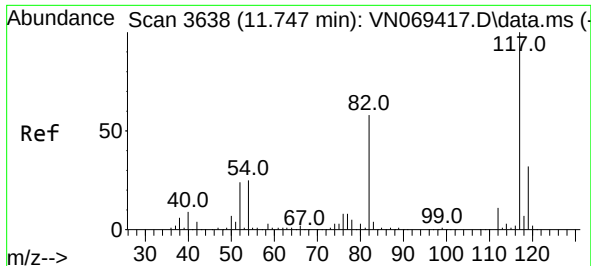
Tgt Ion: 98 Resp: 2795909
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.810 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069451.D
Acq: 11 Nov 2021 11:04

Tgt Ion: 95 Resp: 941573
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.6 0.0 181.4

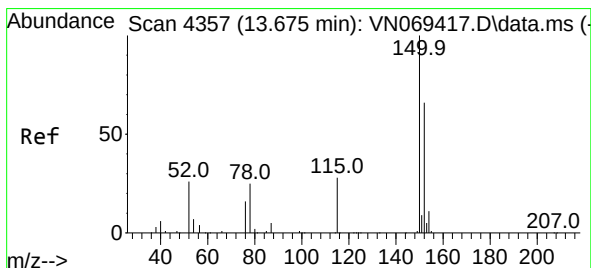
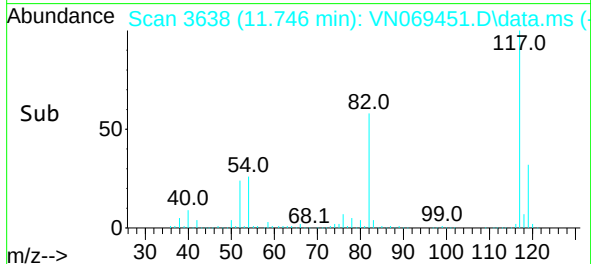
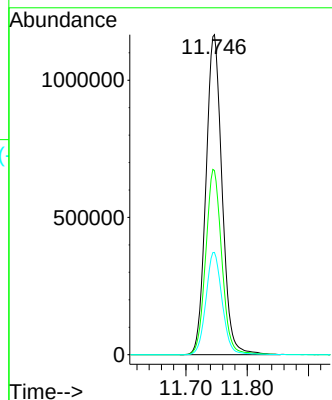
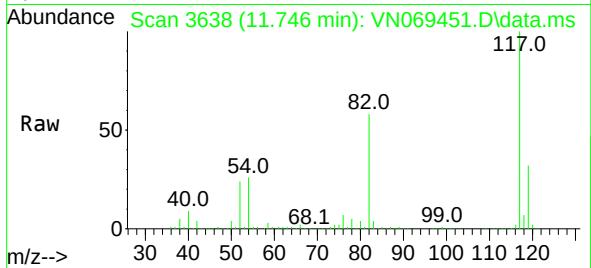




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.001 min
Lab File: VN069451.D
Acq: 11 Nov 2021 11:04

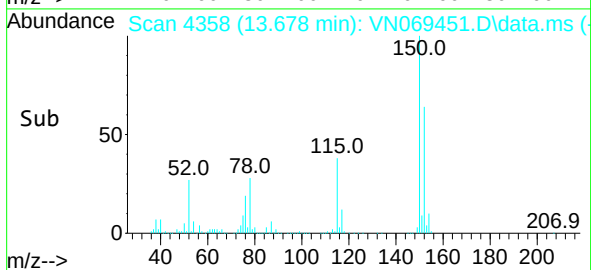
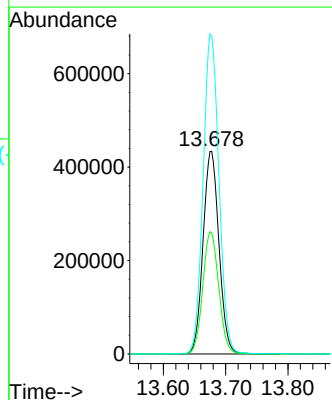
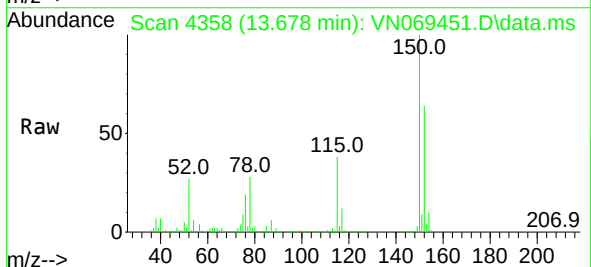
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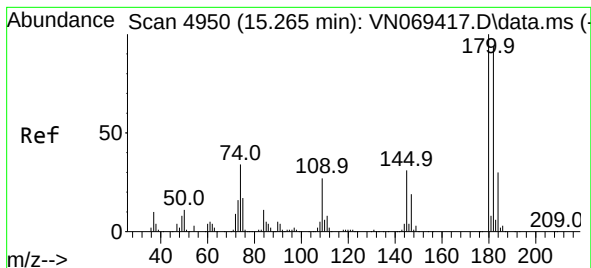
Tgt Ion:117 Resp: 2131654
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069451.D
Acq: 11 Nov 2021 11:04

Tgt Ion:152 Resp: 767715
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 157.3 0.0 344.4





#93

1,2,4-Trichlorobenzene

Concen: 4.000 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069451.D

Acq: 11 Nov 2021 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBL01

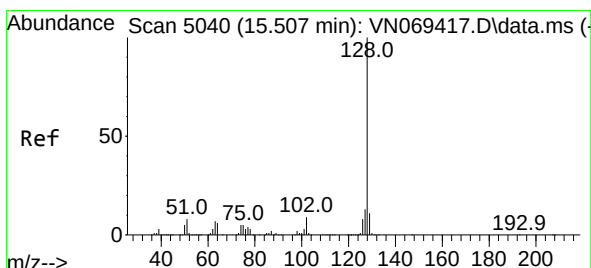
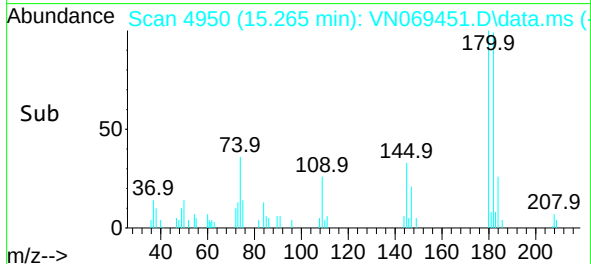
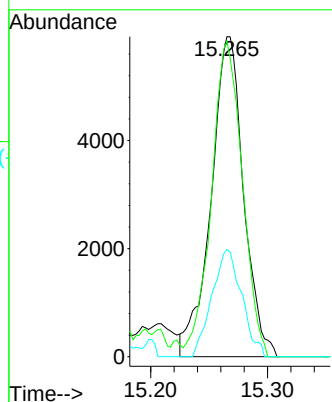
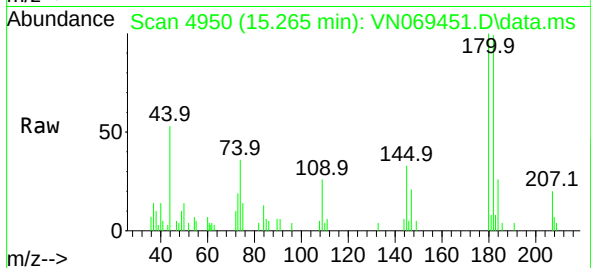
Tgt Ion:180 Resp: 11429

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.9

145 30.7 14.5 43.5



#95

Naphthalene

Concen: 5.757 ug/l

RT: 15.509 min Scan# 5041

Delta R.T. 0.002 min

Lab File: VN069451.D

Acq: 11 Nov 2021 11:04

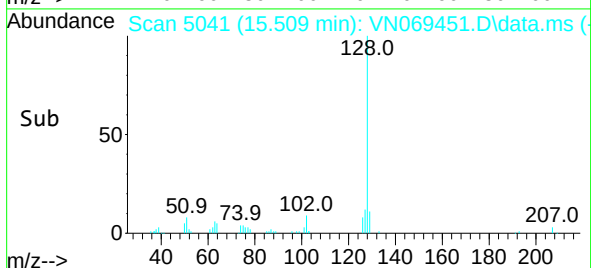
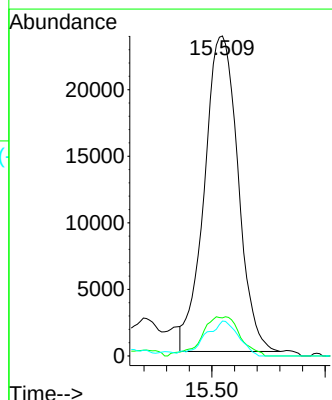
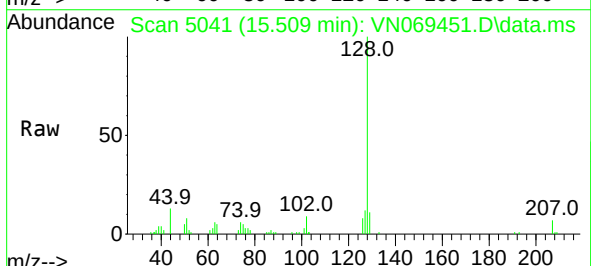
Tgt Ion:128 Resp: 48861

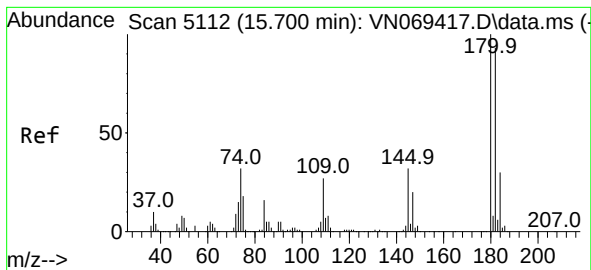
Ion Ratio Lower Upper

128 100

127 7.9 10.5 15.7#

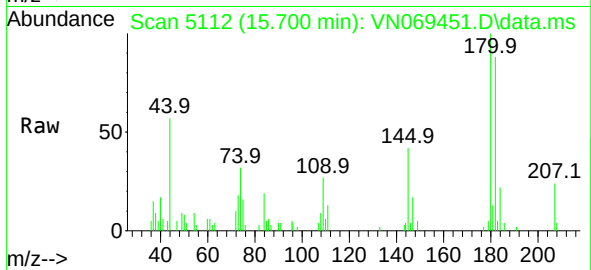
129 10.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.281 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN069451.D
 Acq: 11 Nov 2021 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBL01



Tgt Ion:180	Resp:	13719
Ion	Ratio	Lower Upper
180	100	
182	86.8	47.4 142.2
145	35.0	15.0 45.1

