

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070402.D
 Acq On : 30 Dec 2021 16:24
 Operator : JC/MD
 Sample : M5177-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 31 05:20:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	958022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1644058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1440107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	463468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	671493	48.749	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.500%
35) Dibromofluoromethane	8.024	113	473182	47.569	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.140%
50) Toluene-d8	10.443	98	1804359	44.403	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.800%
62) 4-Bromofluorobenzene	12.733	95	623650	42.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.980%

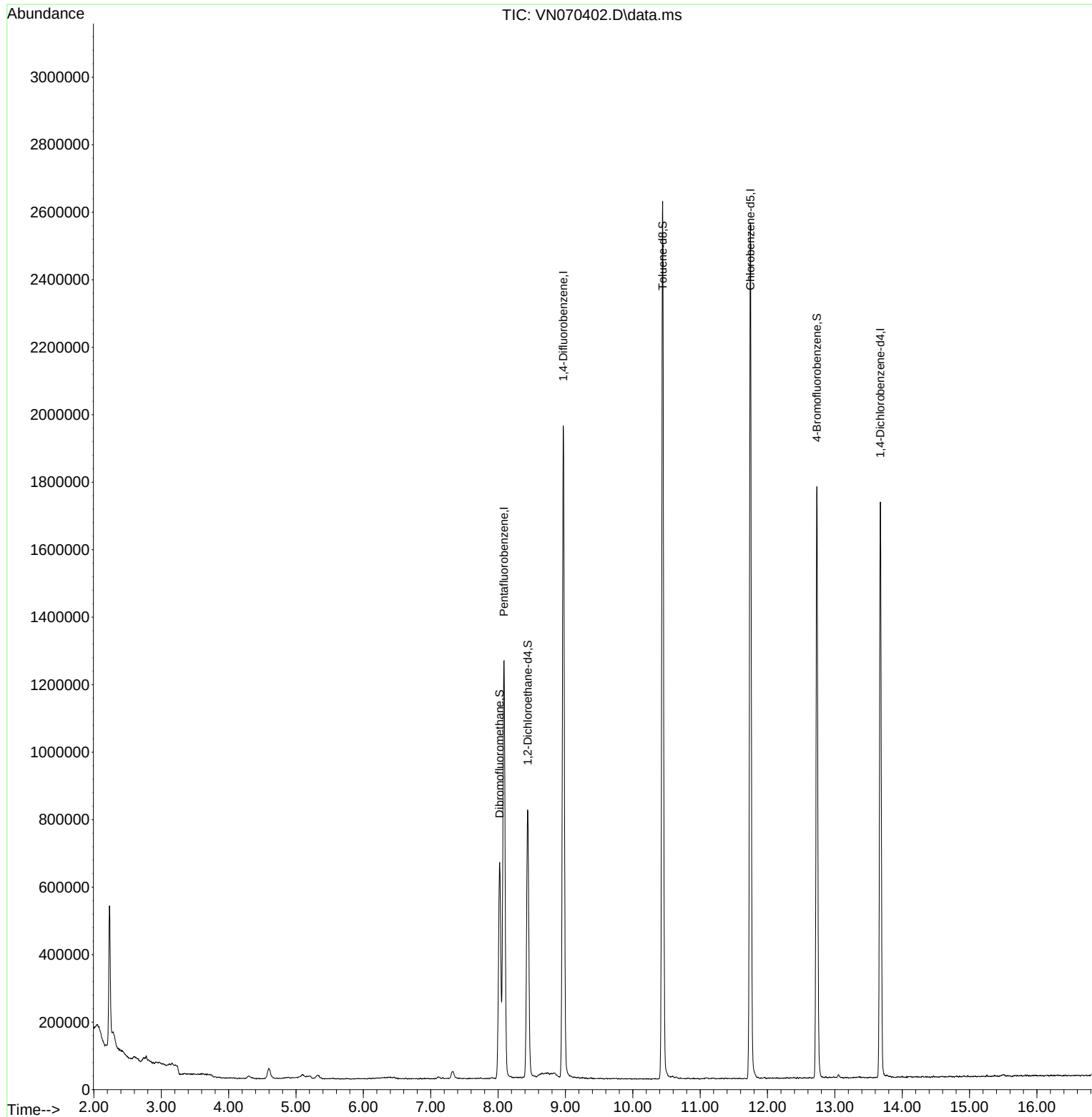
Target Compounds	Qvalue

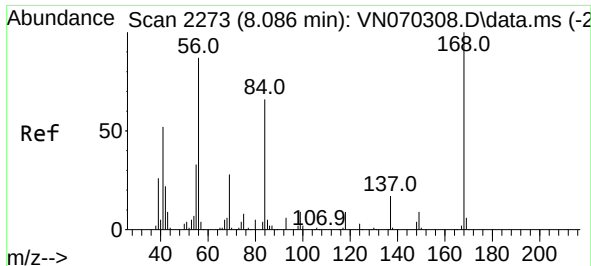
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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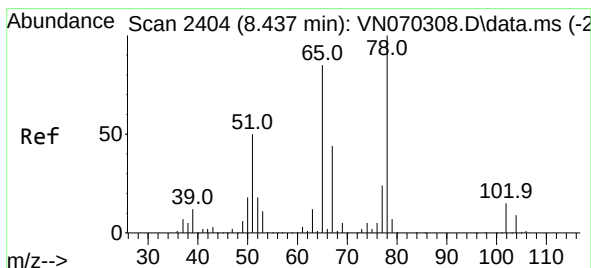
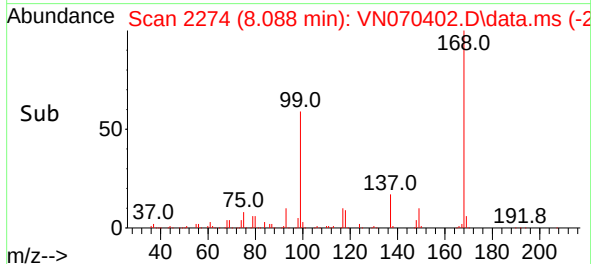
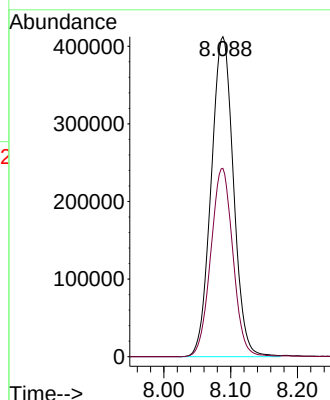
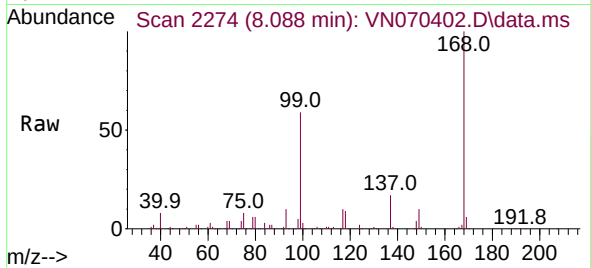




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070402.D
Acq: 30 Dec 2021 16:24

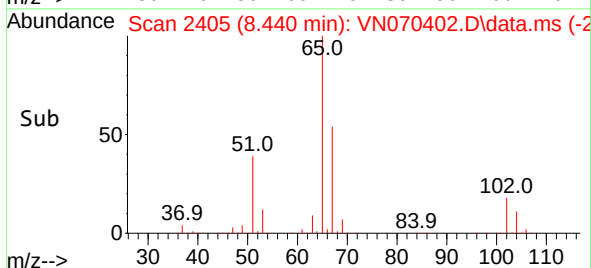
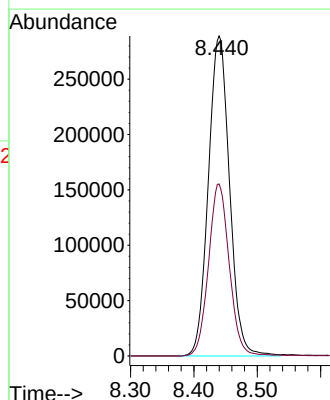
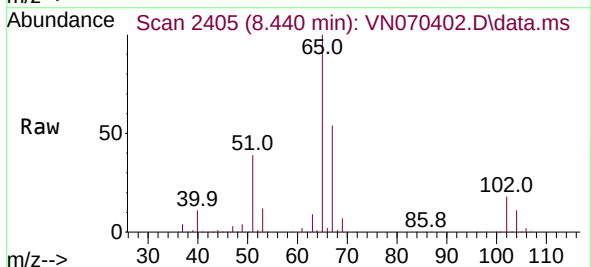
Instrument :
MSVOA_N
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STORAGE-BLANK-SOIL-REF-6

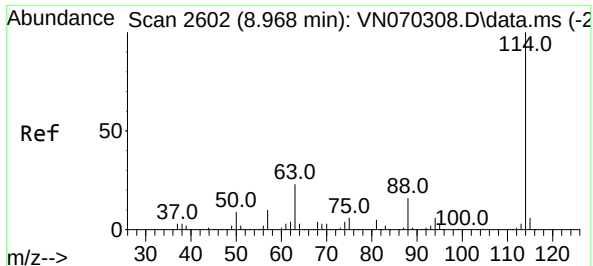
Tgt Ion:168 Resp: 958022
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 48.749 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070402.D
Acq: 30 Dec 2021 16:24

Tgt Ion: 65 Resp: 671493
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

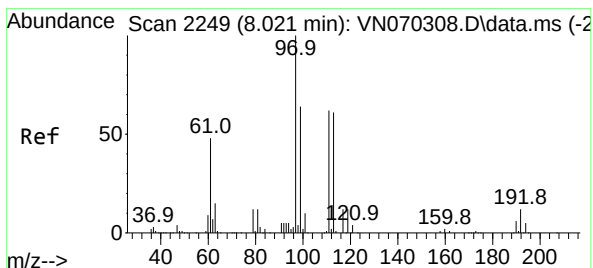
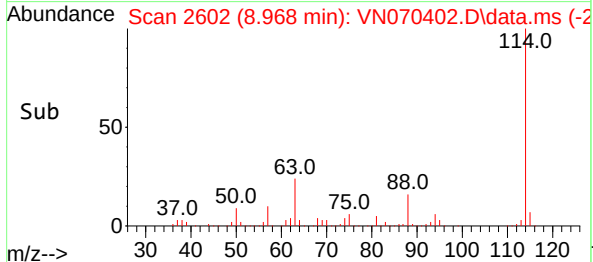
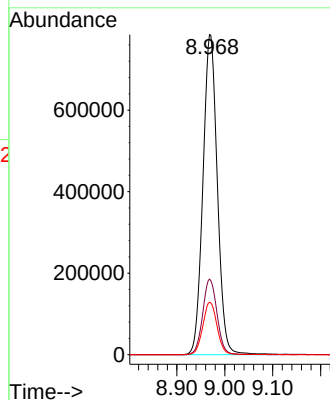
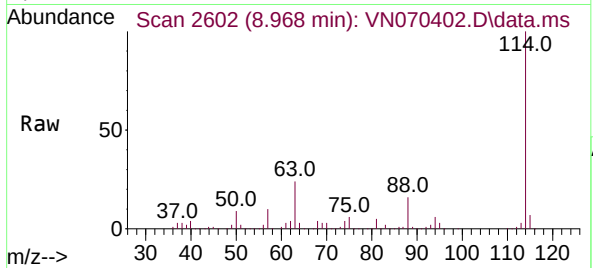




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070402.D
Acq: 30 Dec 2021 16:24

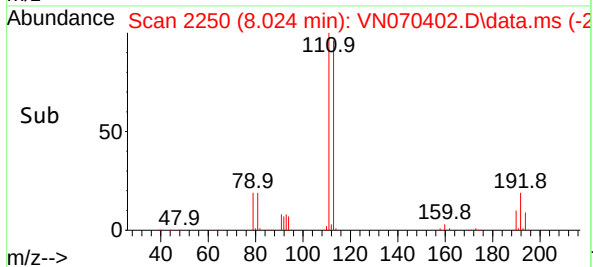
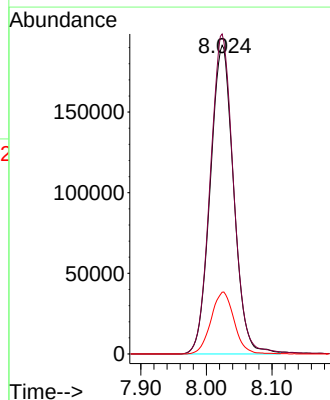
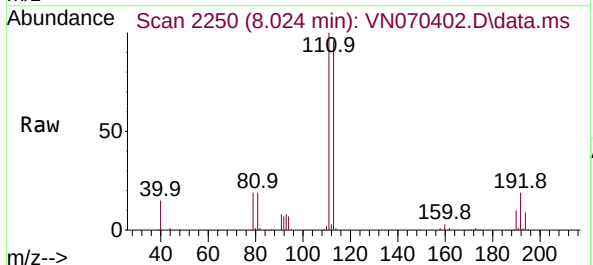
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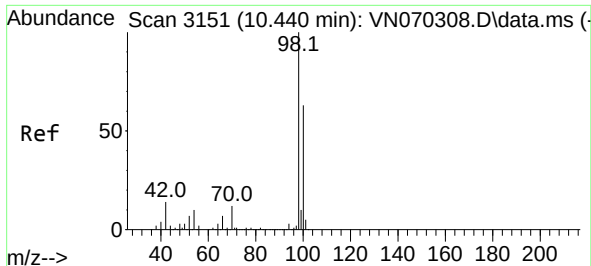
Tgt Ion:114 Resp: 1644058
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.569 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070402.D
Acq: 30 Dec 2021 16:24

Tgt Ion:113 Resp: 473182
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.8 16.9 25.3

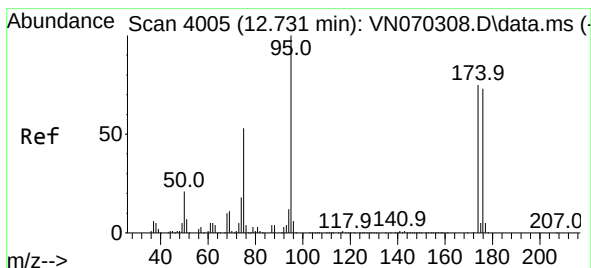
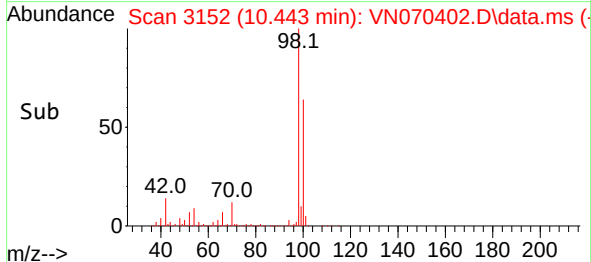
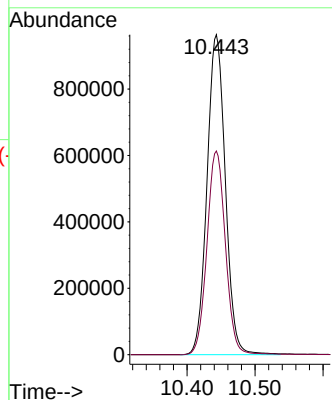
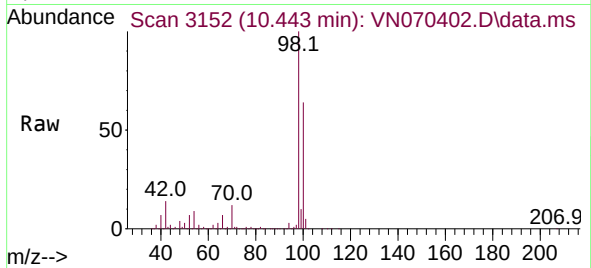




#50
Toluene-d8
Concen: 44.403 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070402.D
Acq: 30 Dec 2021 16:24

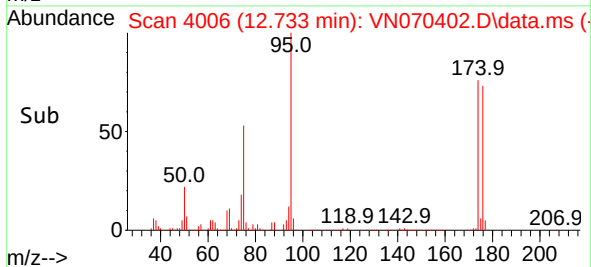
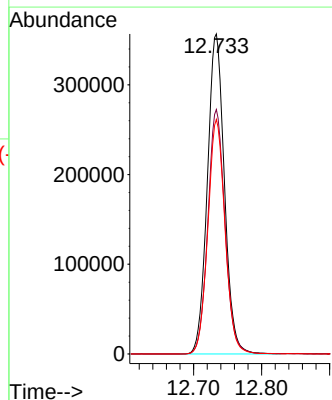
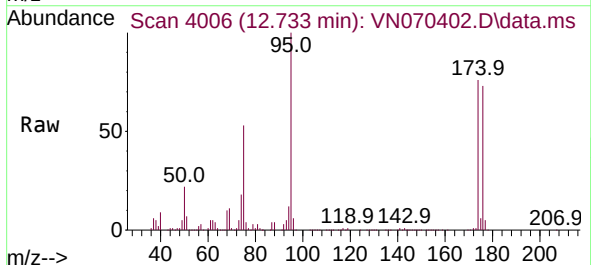
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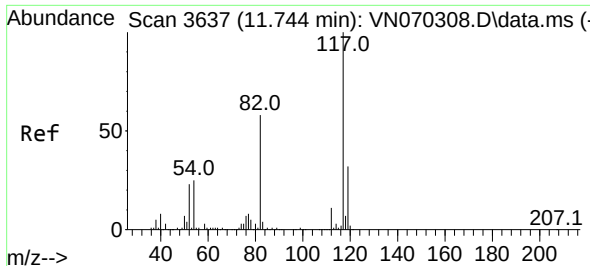
Tgt Ion: 98 Resp: 1804359
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 42.492 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070402.D
Acq: 30 Dec 2021 16:24

Tgt Ion: 95 Resp: 623650
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.5 0.0 181.4

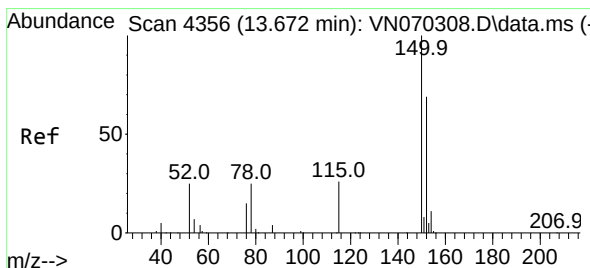
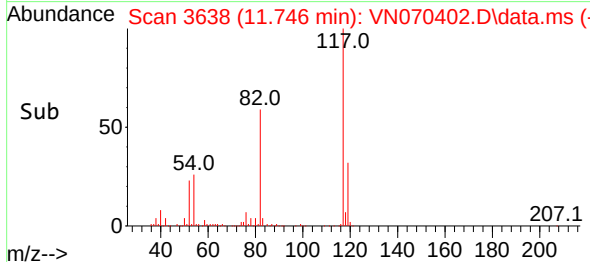
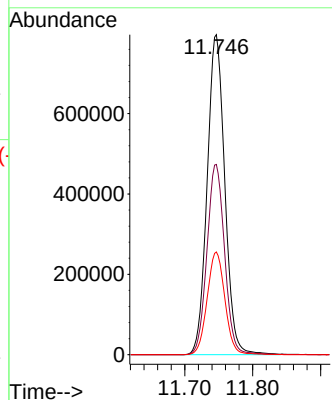
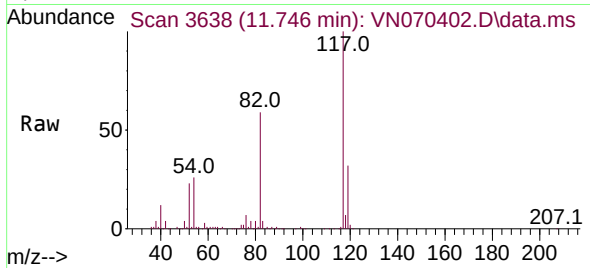




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070402.D
Acq: 30 Dec 2021 16:24

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 1440107
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070402.D
Acq: 30 Dec 2021 16:24

Tgt Ion:152 Resp: 463468
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 158.8 0.0 344.4

