

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070397.D
 Acq On : 30 Dec 2021 14:16
 Operator : JC/MD
 Sample : M5223-01
 Misc : 5.00g/5mL/100uL/5.00mL01/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DB-19-(10-15)-12-22-21

Quant Time: Dec 30 17:36:07 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	8.080	168	1833741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	3104690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2535162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1163784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1473060	55.870	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.740%
35) Dibromofluoromethane	8.019	113	1026250	54.632	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.260%
50) Toluene-d8	10.440	98	3891381	50.710	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.731	95	1472159	53.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.240%

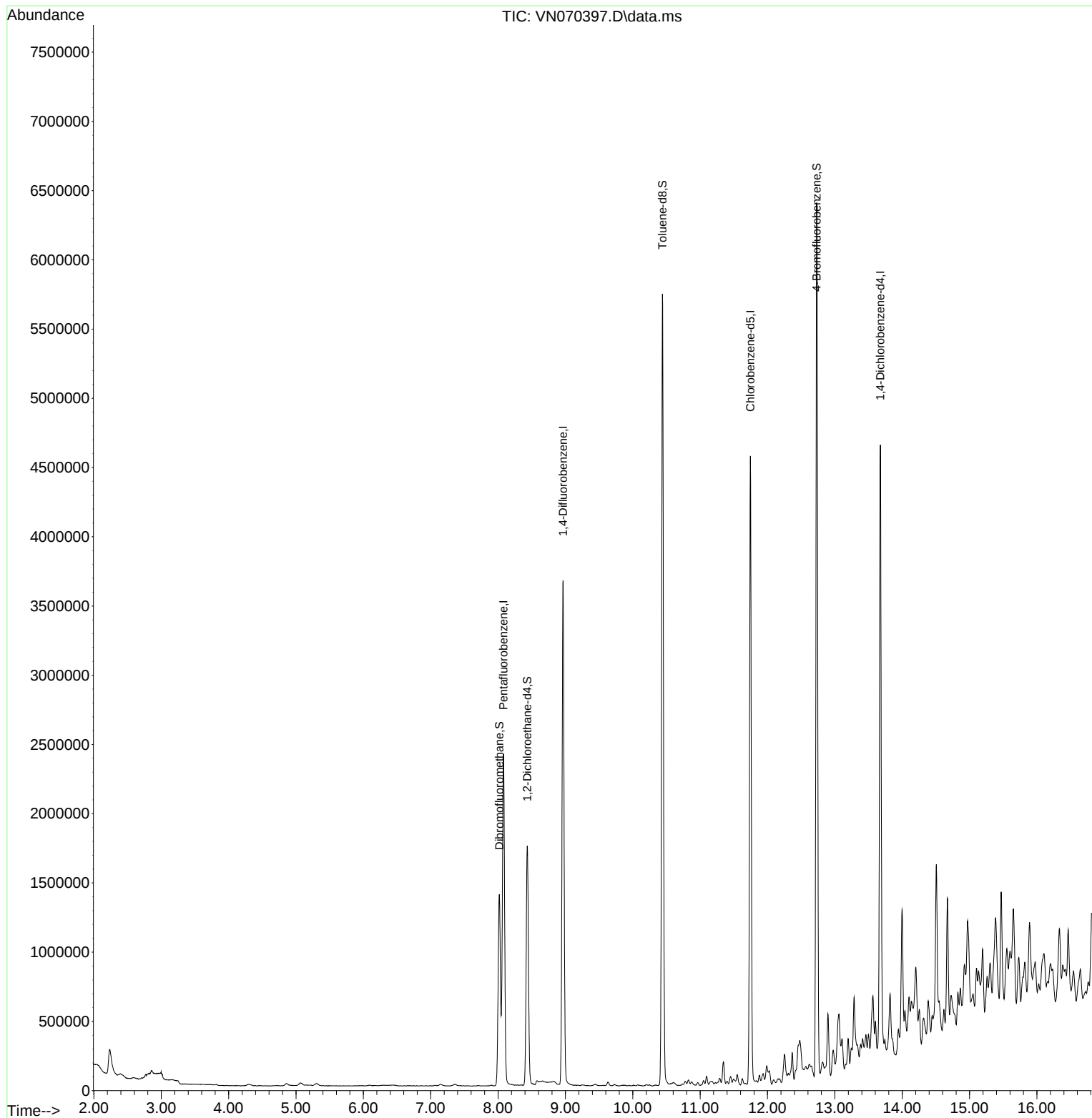
Target Compounds	Qvalue

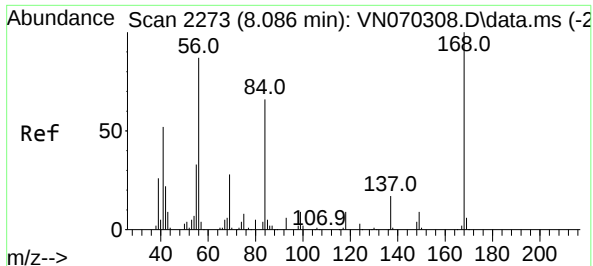
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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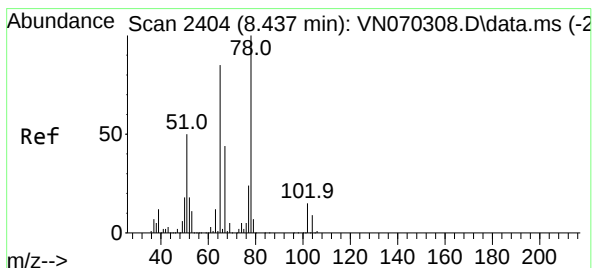
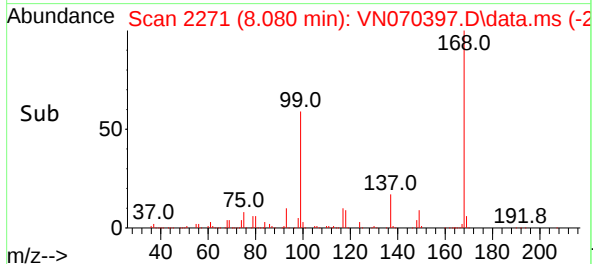
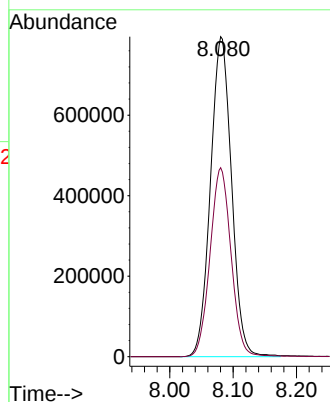
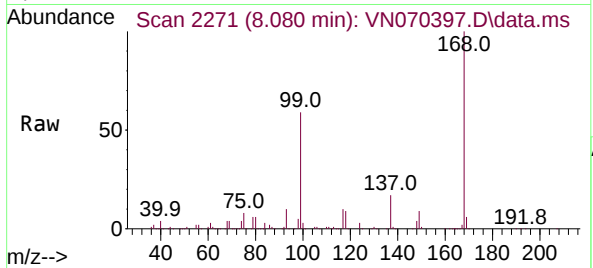




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070397.D
Acq: 30 Dec 2021 14:16

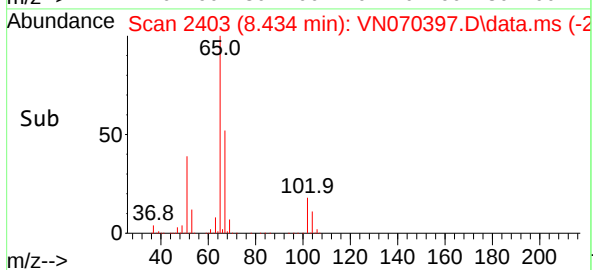
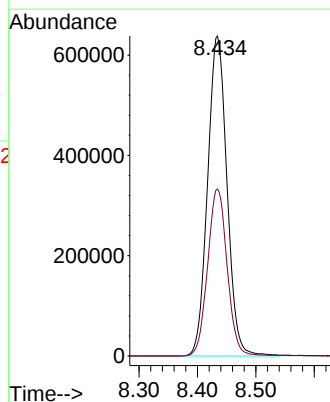
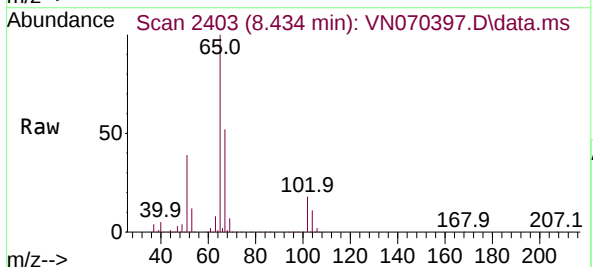
Instrument :
MSVOA_N
ClientSampleId :
DB-19-(10-15)-12-22-21

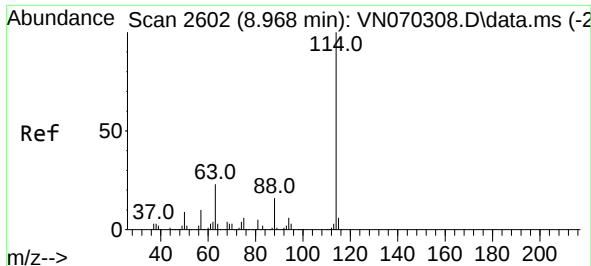
Tgt Ion:168 Resp: 1833741
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 55.870 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070397.D
Acq: 30 Dec 2021 14:16

Tgt Ion: 65 Resp: 1473060
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

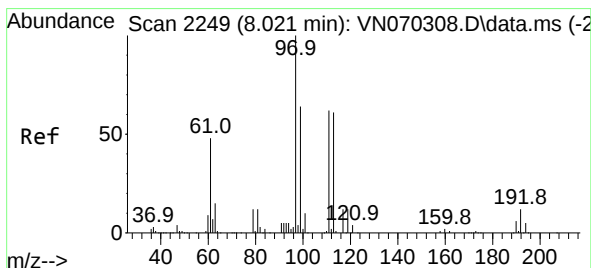
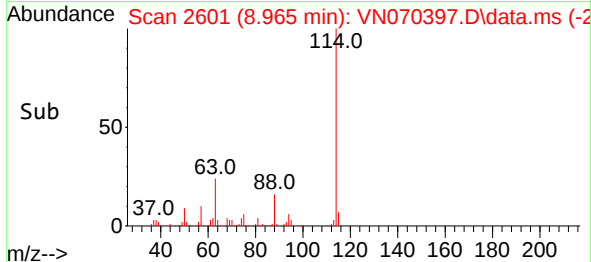
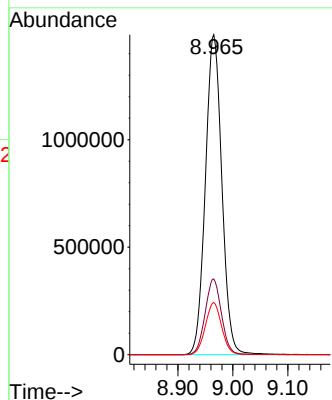
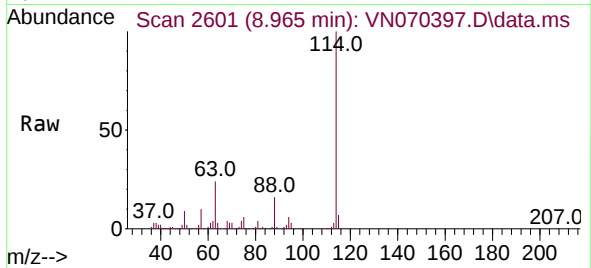




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070397.D
Acq: 30 Dec 2021 14:16

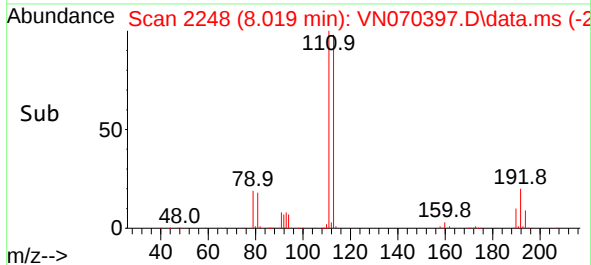
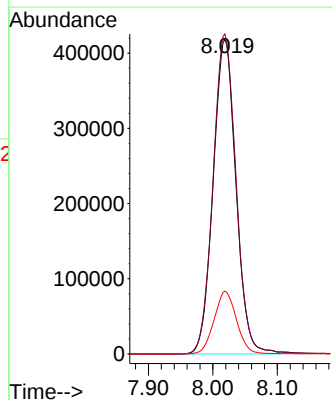
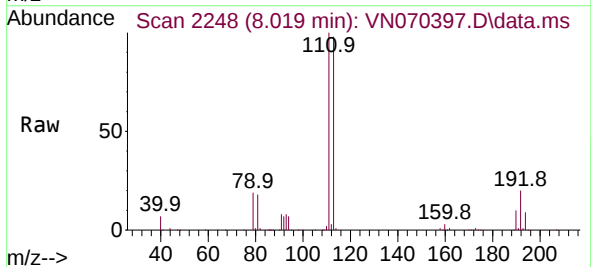
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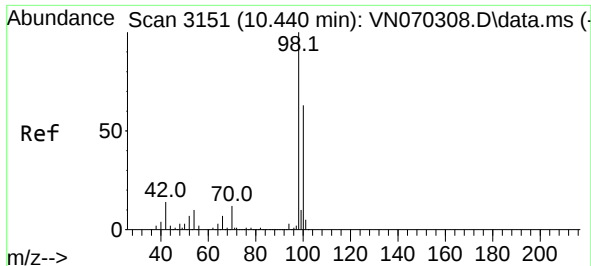
Tgt Ion:114 Resp: 3104690
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.632 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070397.D
Acq: 30 Dec 2021 14:16

Tgt Ion:113 Resp: 1026250
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.7 16.9 25.3

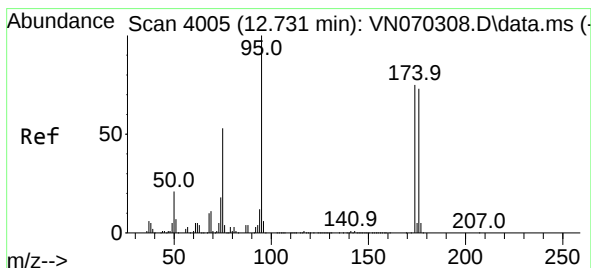
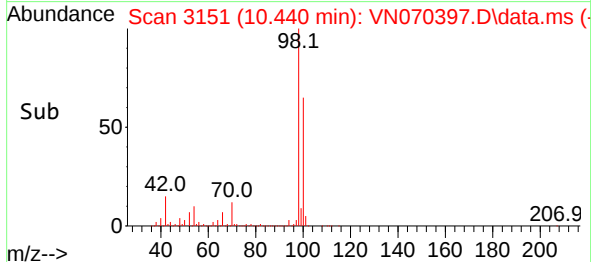
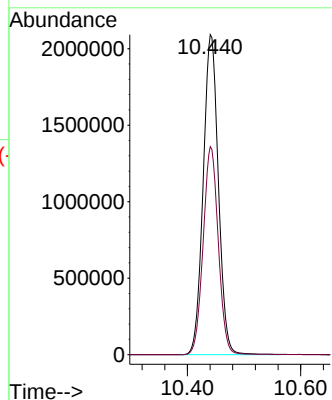
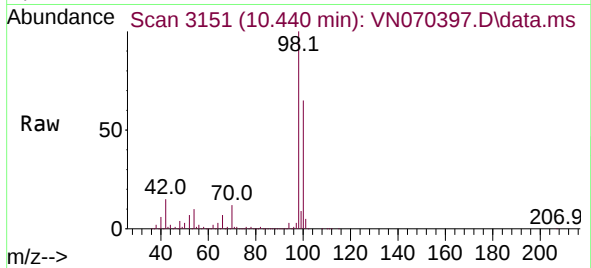




#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070397.D
Acq: 30 Dec 2021 14:16

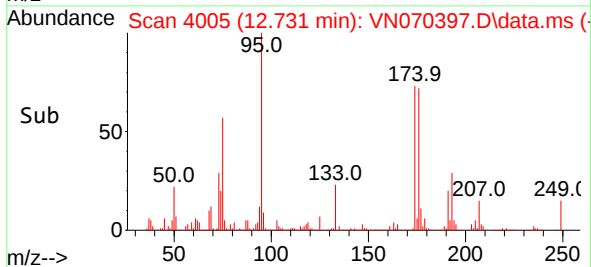
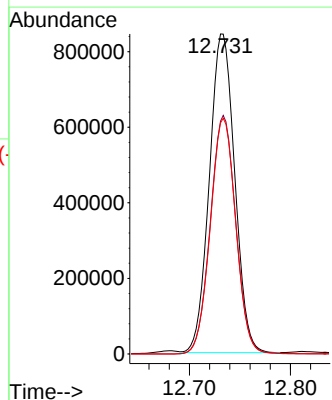
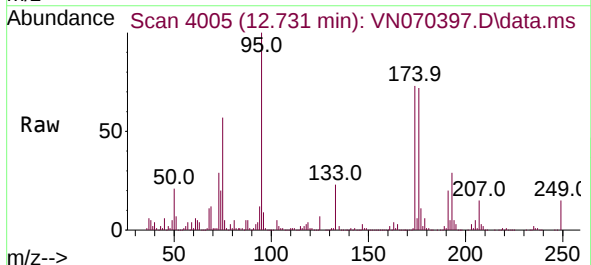
Instrument :
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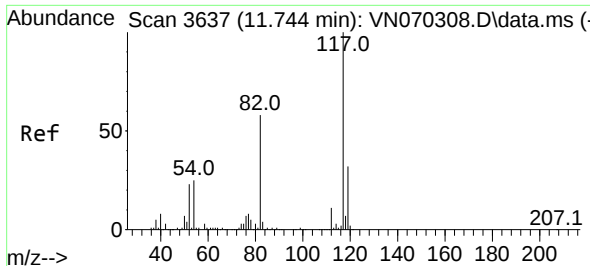
Tgt Ion: 98 Resp: 3891381
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 53.115 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070397.D
Acq: 30 Dec 2021 14:16

Tgt Ion: 95 Resp: 1472159
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 74.1 0.0 181.4



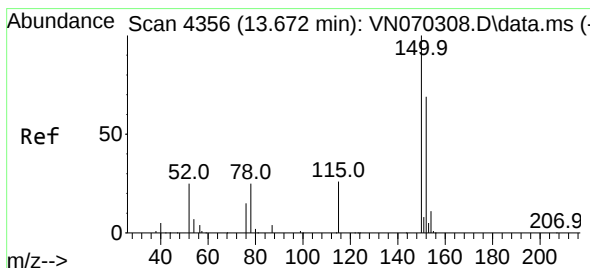
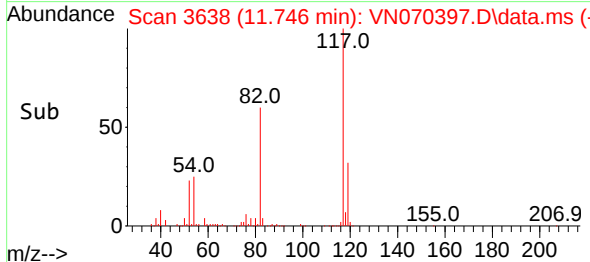
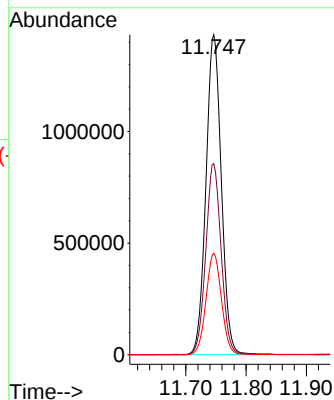
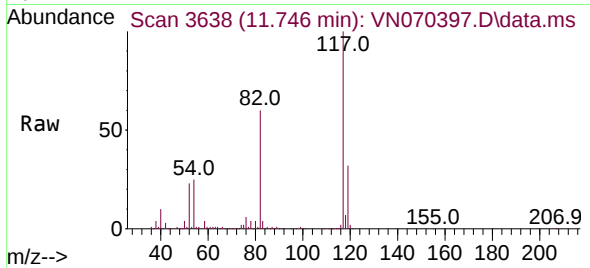


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070397.D
Acq: 30 Dec 2021 14:16

Instrument :
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Tgt Ion:117 Resp: 2535162

Ion	Ratio	Lower	Upper
117	100		
82	59.6	42.4	63.6
119	31.7	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: VN070397.D
Acq: 30 Dec 2021 14:16

Tgt Ion:152 Resp: 1163784

Ion	Ratio	Lower	Upper
152	100		
115	61.1	27.5	82.5
150	154.9	0.0	344.4

