

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070232.D
 Acq On : 20 Dec 2021 11:25
 Operator : JC/MD
 Sample : VN1220WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBL01

Quant Time: Dec 20 15:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	916776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1533952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1319095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	434159	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	763951	53.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.94%
35) Dibromofluoromethane	8.021	113	520258	54.15	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.30%
50) Toluene-d8	10.440	98	1967449	51.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.00%
62) 4-Bromofluorobenzene	12.731	95	603088	43.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.30%

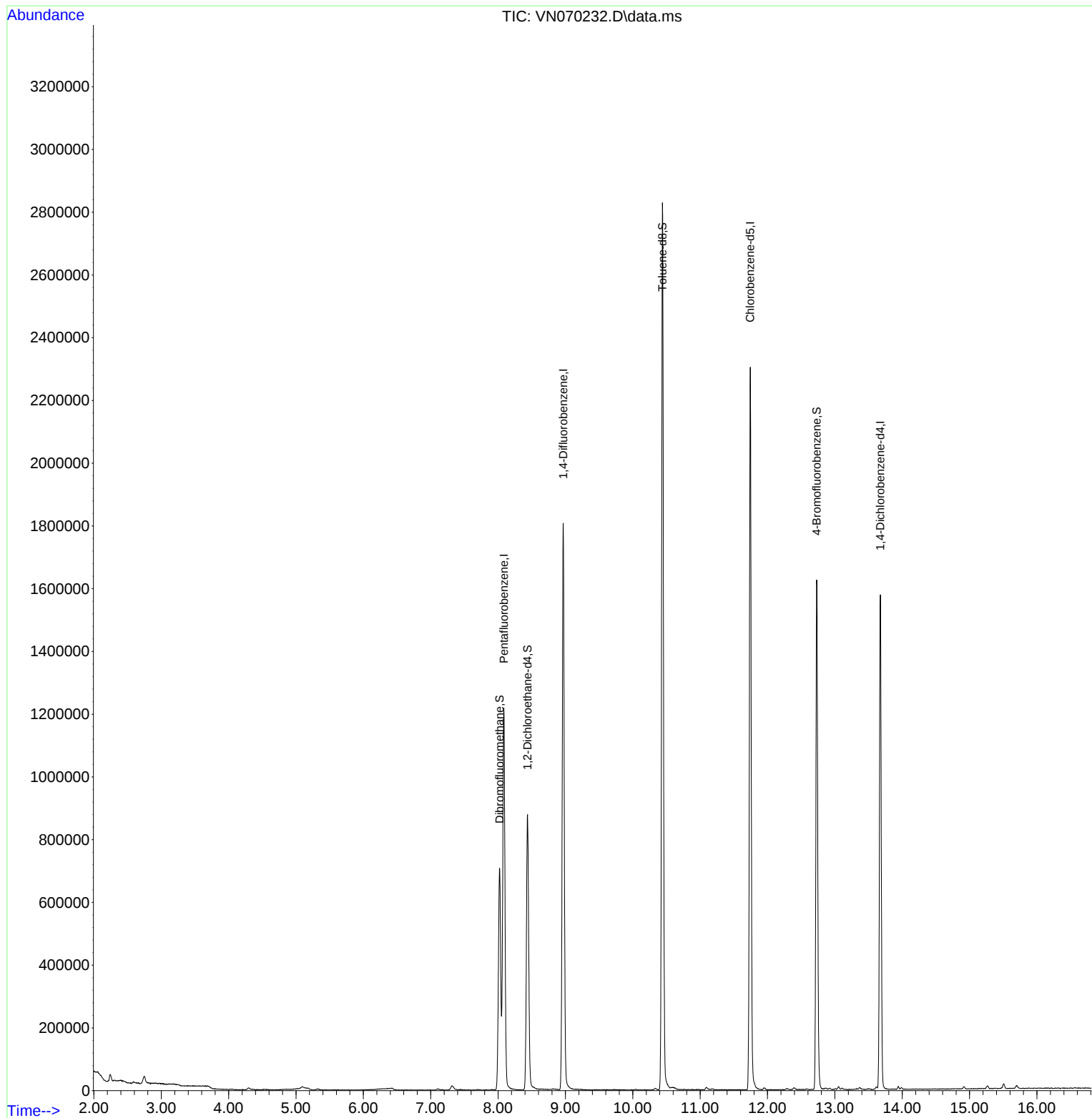
Target Compounds	Qvalue

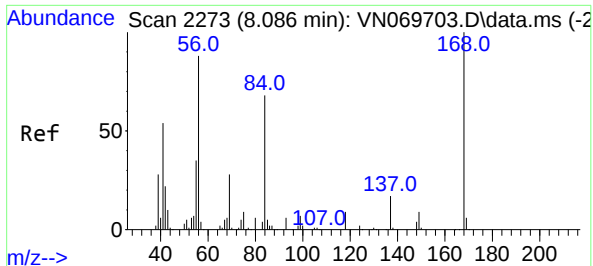
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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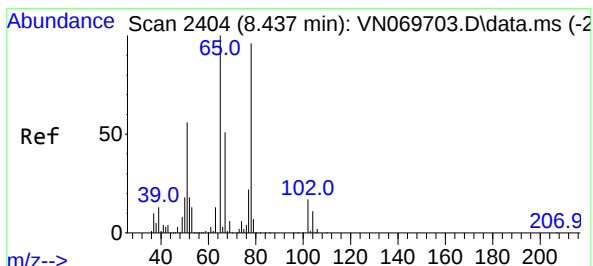
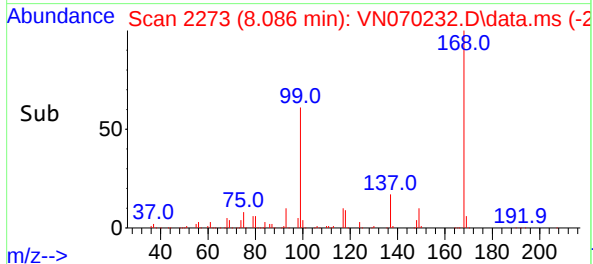
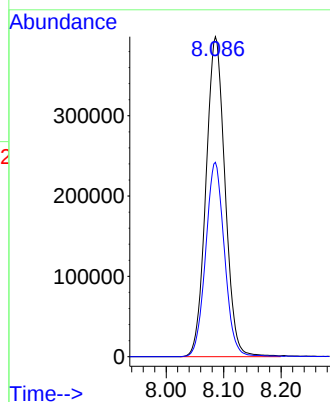
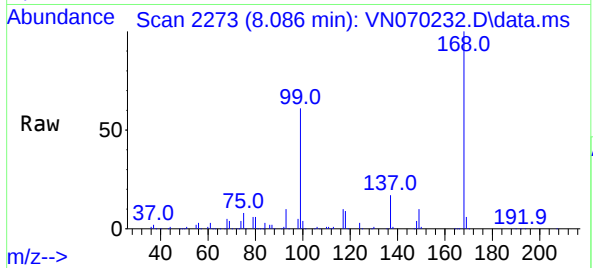




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070232.D
Acq: 20 Dec 2021 11:25

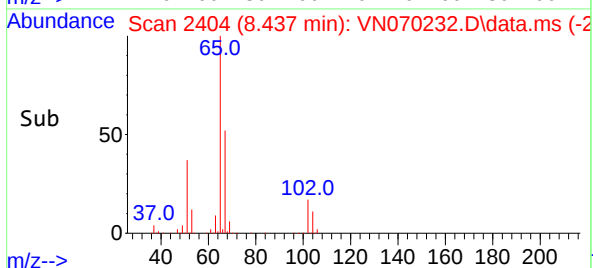
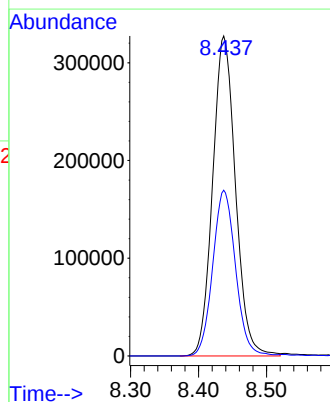
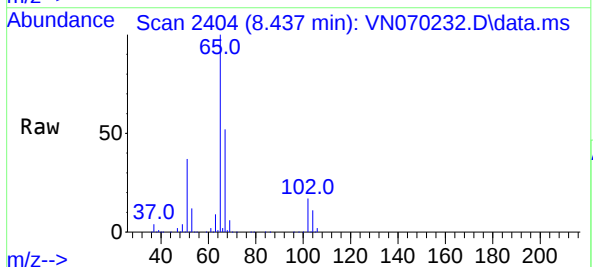
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

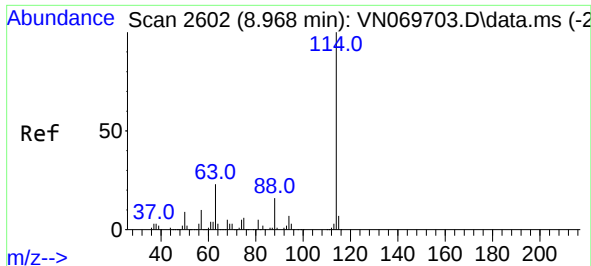
Tgt Ion:168 Resp: 916776
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 53.97 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070232.D
Acq: 20 Dec 2021 11:25

Tgt Ion: 65 Resp: 763951
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

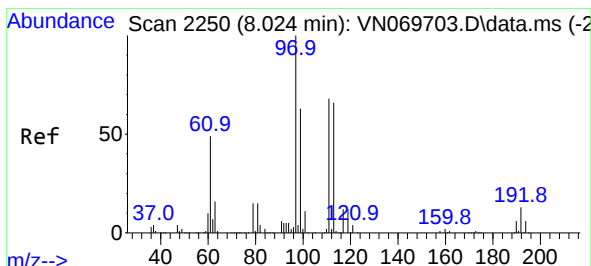
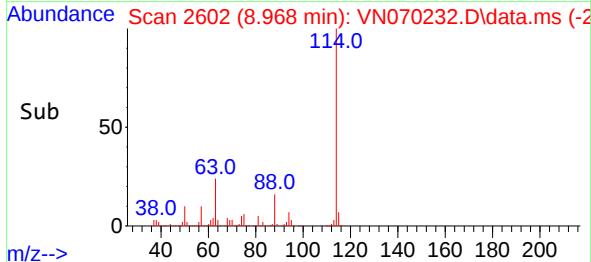
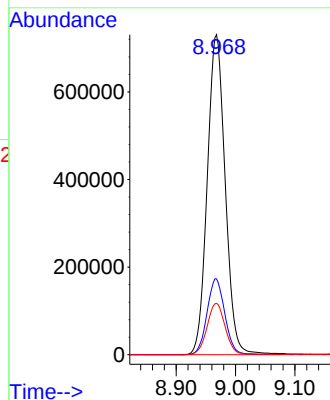
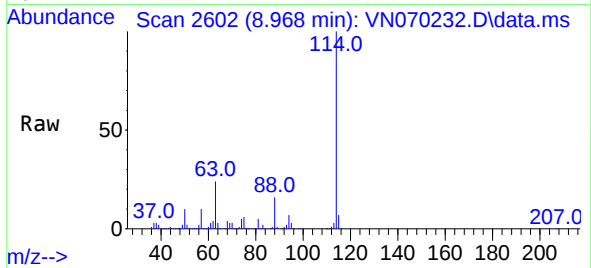




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN070232.D
Acq: 20 Dec 2021 11:25

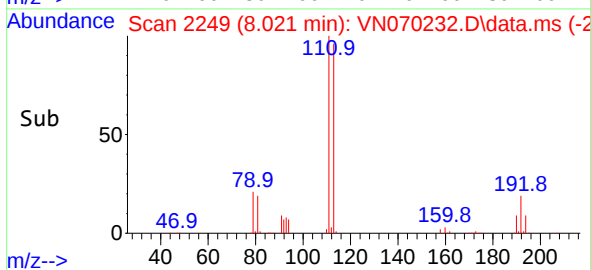
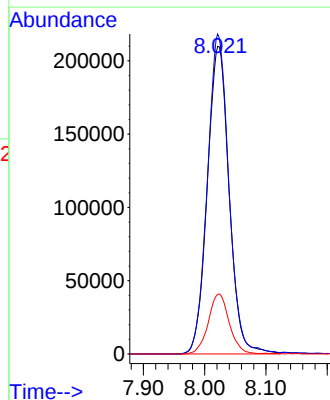
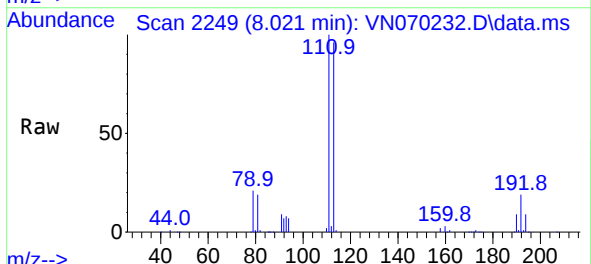
Instrument :
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VN1220WBL01

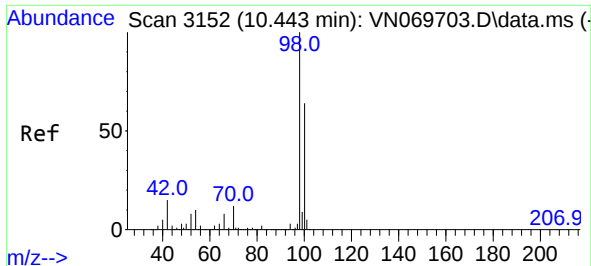
Tgt Ion:114 Resp: 1533952
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.15 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070232.D
Acq: 20 Dec 2021 11:25

Tgt Ion:113 Resp: 520258
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.7 16.9 25.3

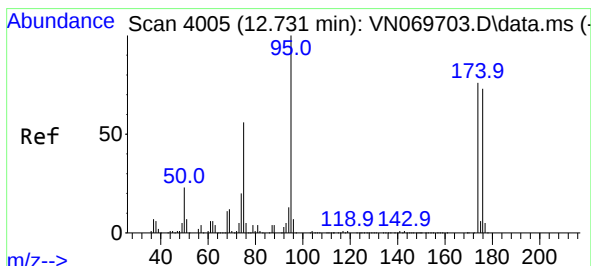
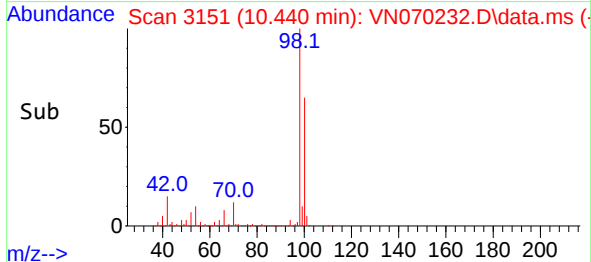
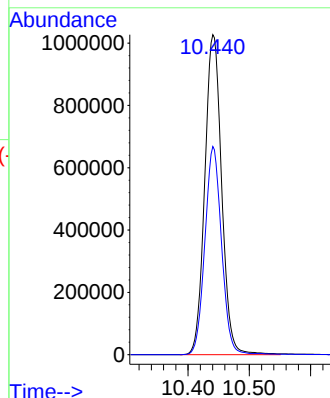
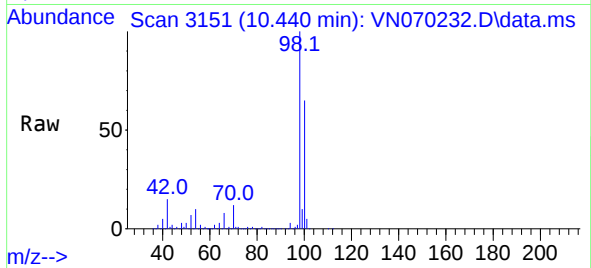




#50
Toluene-d8
Concen: 51.00 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070232.D
Acq: 20 Dec 2021 11:25

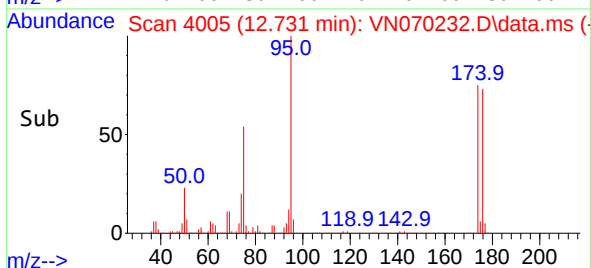
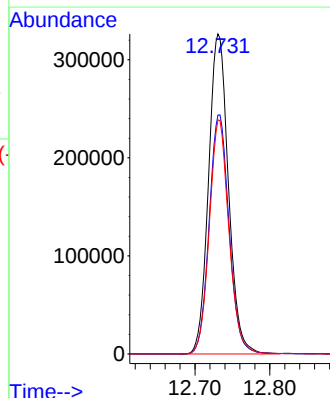
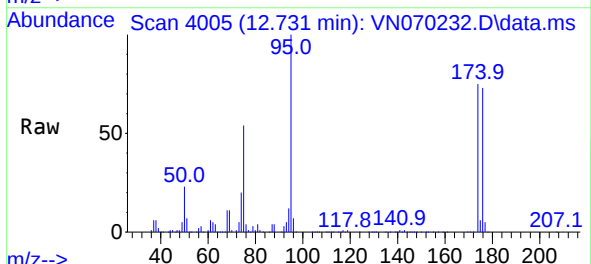
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01

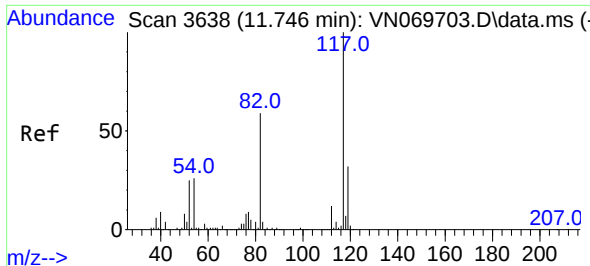
Tgt Ion: 98 Resp: 1967449
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 43.15 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070232.D
Acq: 20 Dec 2021 11:25

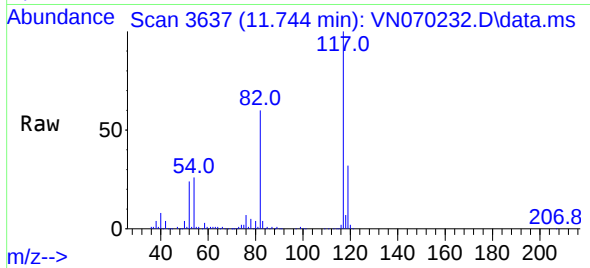
Tgt Ion: 95 Resp: 603088
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.0 0.0 181.4





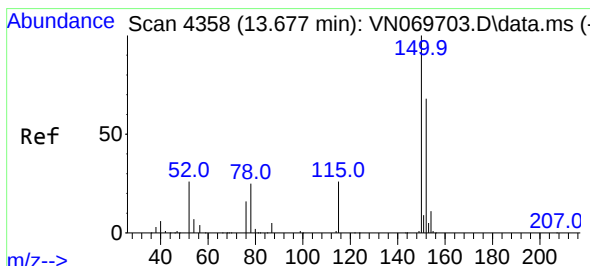
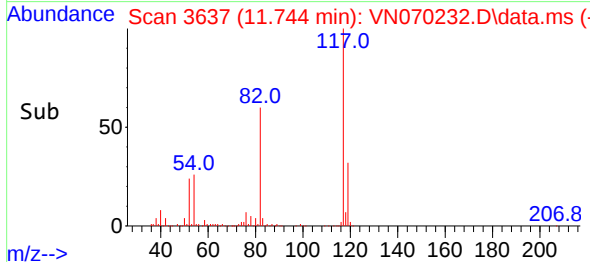
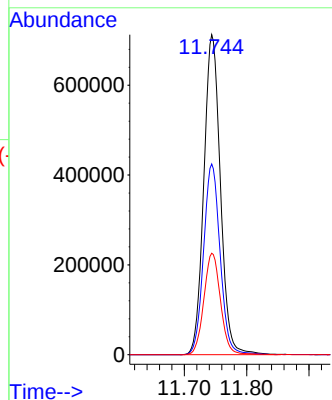
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070232.D
Acq: 20 Dec 2021 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBL01



Tgt Ion:117 Resp: 1319095

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: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070232.D
Acq: 20 Dec 2021 11:25

Tgt Ion:152 Resp: 434159

Ion	Ratio	Lower	Upper
152	100		
115	60.7	27.5	82.5
150	155.6	0.0	344.4

