

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068740.D
 Acq On : 29 Sep 2021 14:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 29 15:44:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 15:42:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	531301	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	912385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	828041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	309894	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	359878	48.614	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.220%
35) Dibromofluoromethane	8.024	113	286160	50.479	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.960%
50) Toluene-d8	10.443	98	1140271	55.045	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.100%
62) 4-Bromofluorobenzene	12.734	95	332367	46.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.340%

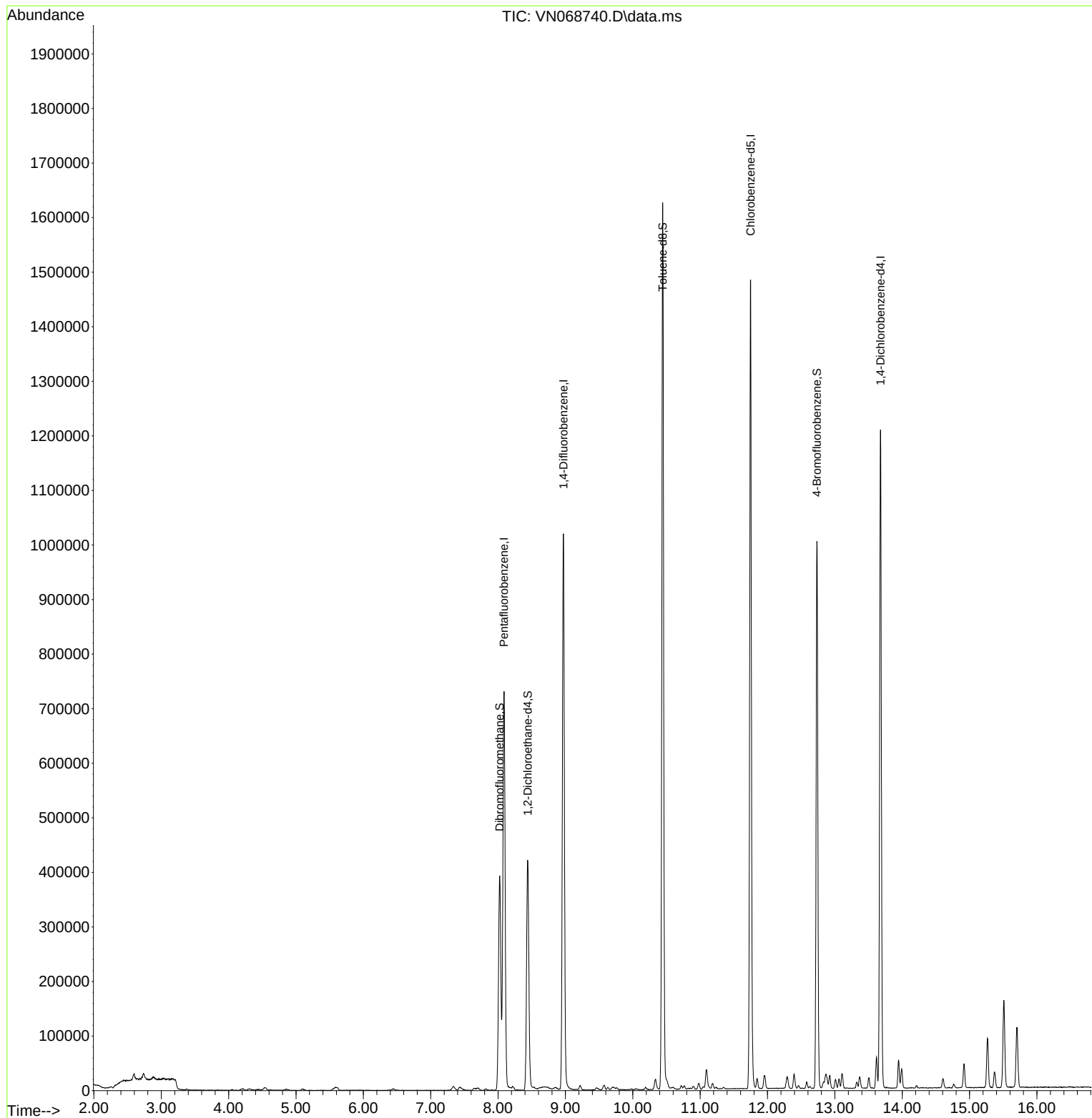
Target Compounds	Qvalue

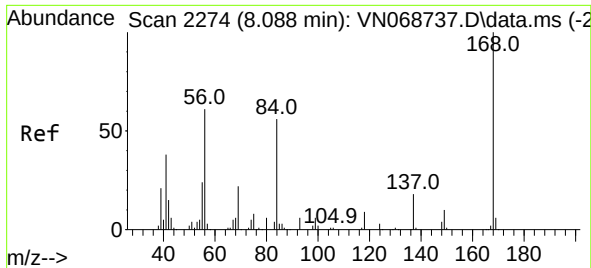
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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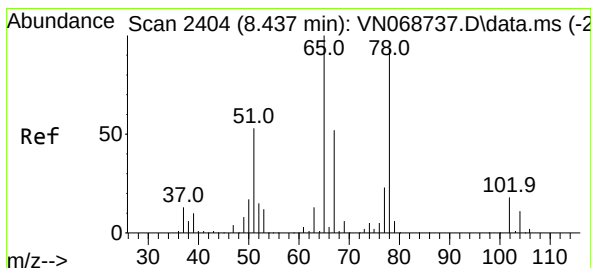
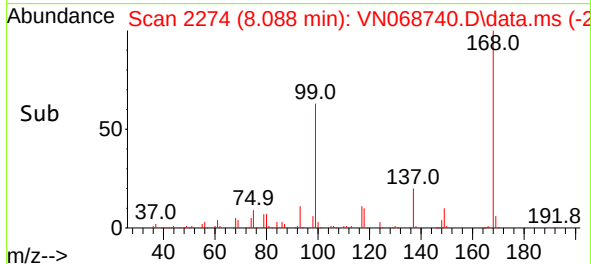
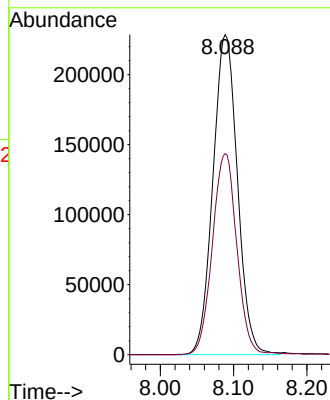
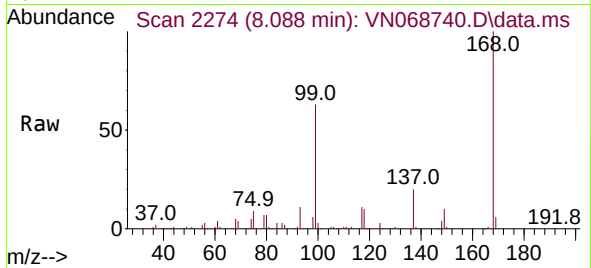




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068740.D
Acq: 29 Sep 2021 14:15

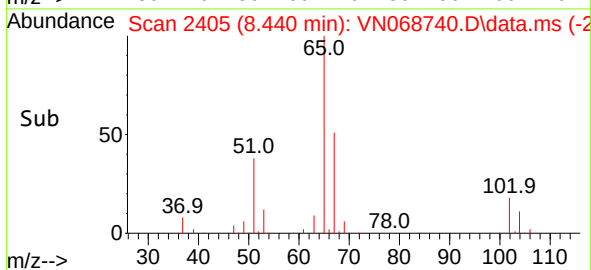
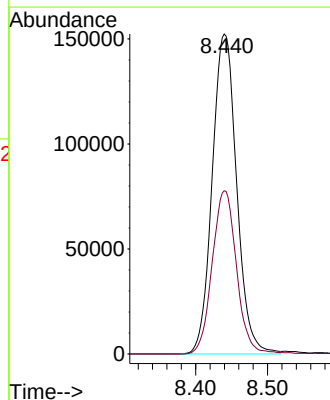
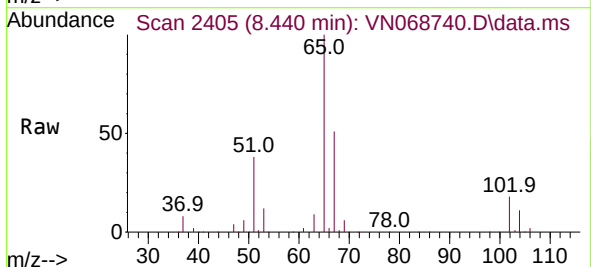
Instrument :
MSVOA_N
ClientSampled :
IBLK

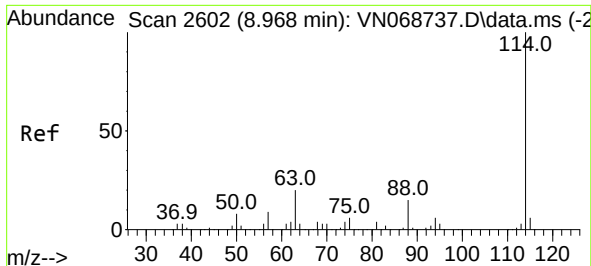
Tgt Ion:168 Resp: 531301
Ion Ratio Lower Upper
168 100
99 62.8 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 48.614 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068740.D
Acq: 29 Sep 2021 14:15

Tgt Ion: 65 Resp: 359878
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

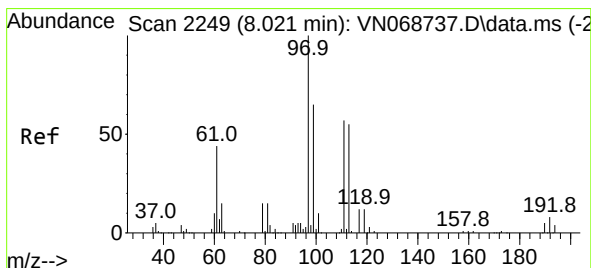
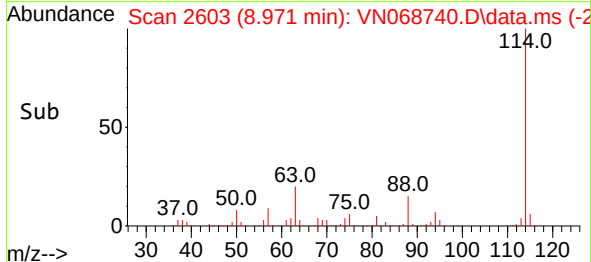
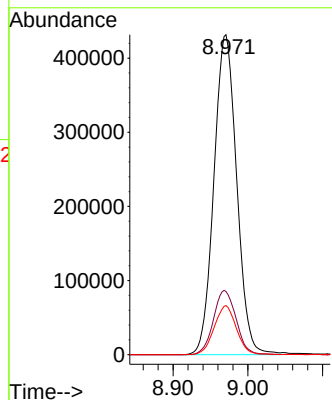
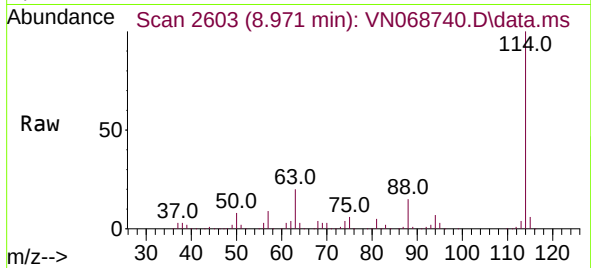




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068740.D
Acq: 29 Sep 2021 14:15

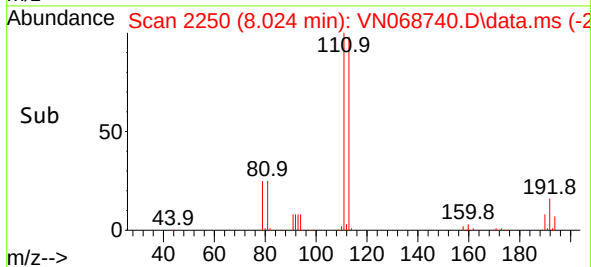
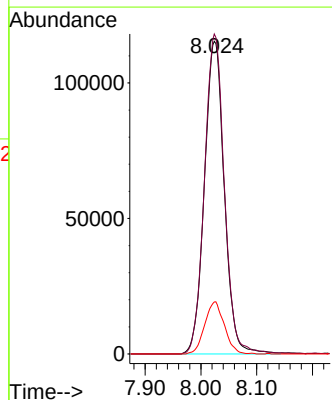
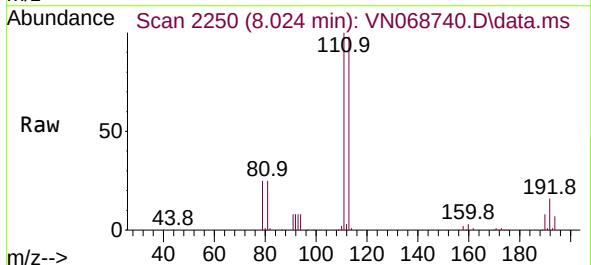
Instrument :
MSVOA_N
ClientSampled :
IBLK

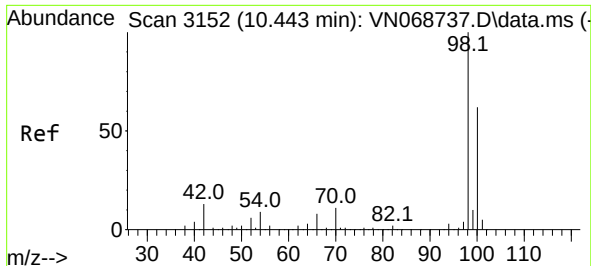
Tgt Ion:114	Resp: 912385
Ion Ratio	Lower Upper
114 100	
63 19.8	0.0 49.0
88 15.4	0.0 36.6



#35
Dibromofluoromethane
Concen: 50.479 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068740.D
Acq: 29 Sep 2021 14:15

Tgt Ion:113	Resp: 286160
Ion Ratio	Lower Upper
113 100	
111 102.5	83.8 125.8
192 16.4	13.4 20.0

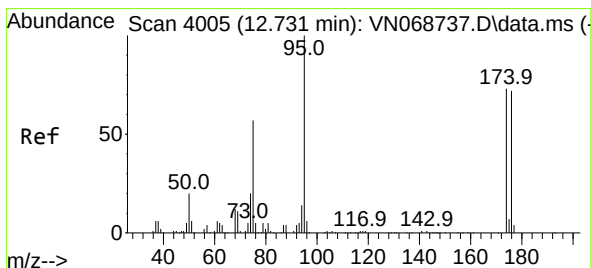
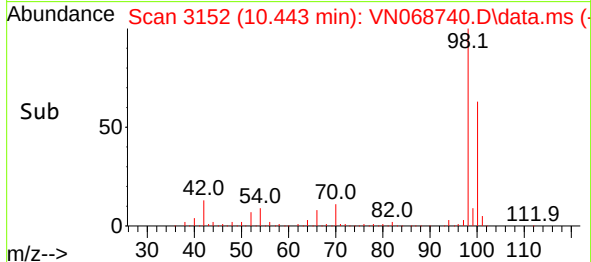
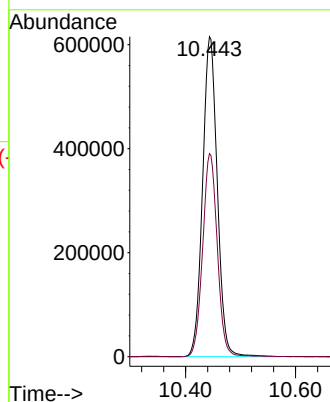
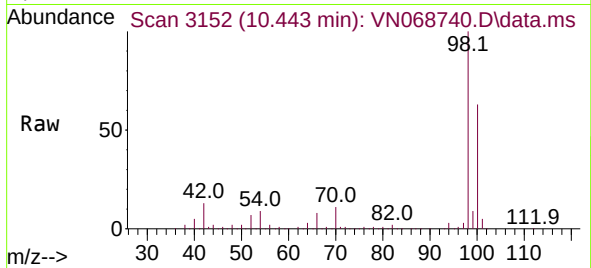




#50
Toluene-d8
Concen: 55.045 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068740.D
Acq: 29 Sep 2021 14:15

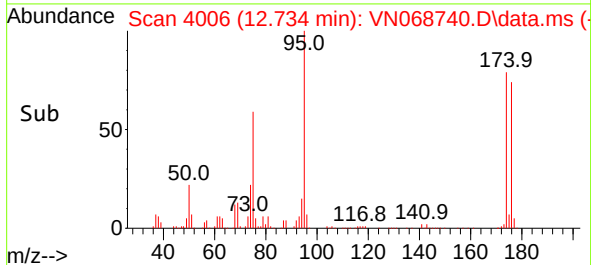
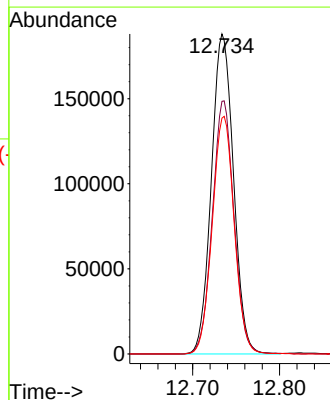
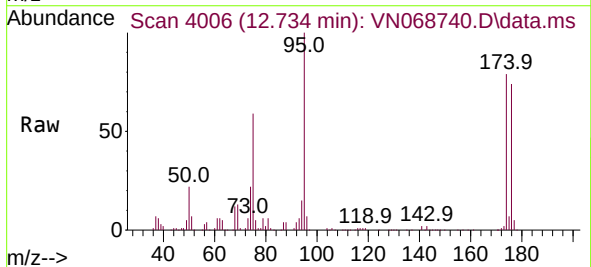
Instrument :
MSVOA_N
ClientSampled :
IBLK

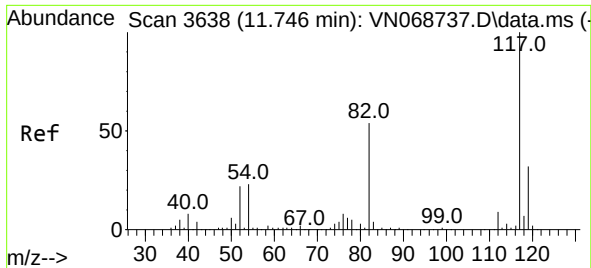
Tgt Ion: 98 Resp: 1140271
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.175 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068740.D
Acq: 29 Sep 2021 14:15

Tgt Ion: 95 Resp: 332367
Ion Ratio Lower Upper
95 100
174 77.4 0.0 122.0
176 73.8 0.0 117.6

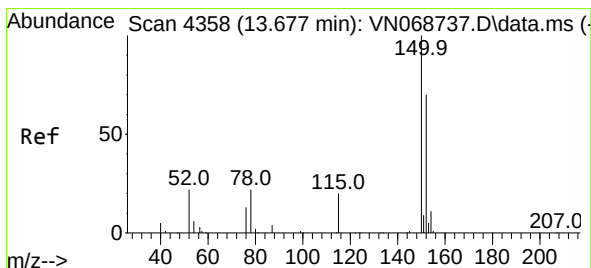
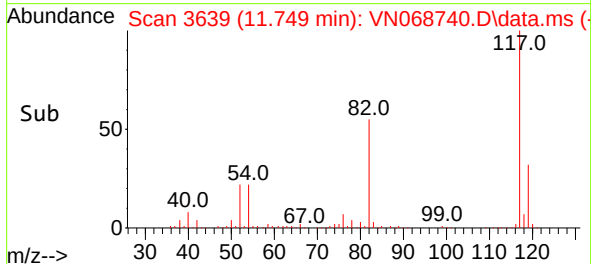
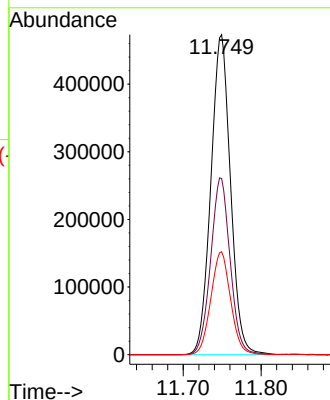
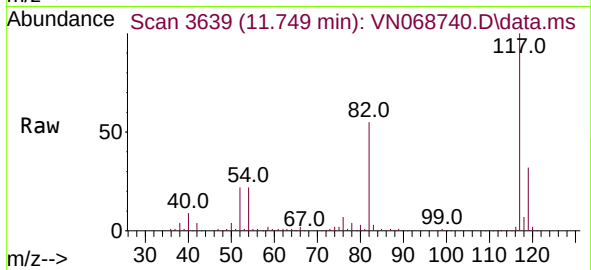




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068740.D
Acq: 29 Sep 2021 14:15

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 828041
Ion Ratio Lower Upper
117 100
82 55.0 53.1 79.7
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN068740.D
Acq: 29 Sep 2021 14:15

Tgt Ion:152 Resp: 309894
Ion Ratio Lower Upper
152 100
115 60.7 36.1 108.5
150 158.7 0.0 351.8

