

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068792.D
 Acq On : 1 Oct 2021 18:58
 Operator : JC/MD
 Sample : M4040-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 02 04:02:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	470075	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	822521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	692165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	247794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	335136	51.168	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.340%
35) Dibromofluoromethane	8.021	113	263550	51.570	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.140%
50) Toluene-d8	10.443	98	995602	53.313	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.620%
62) 4-Bromofluorobenzene	12.733	95	306861	47.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.580%

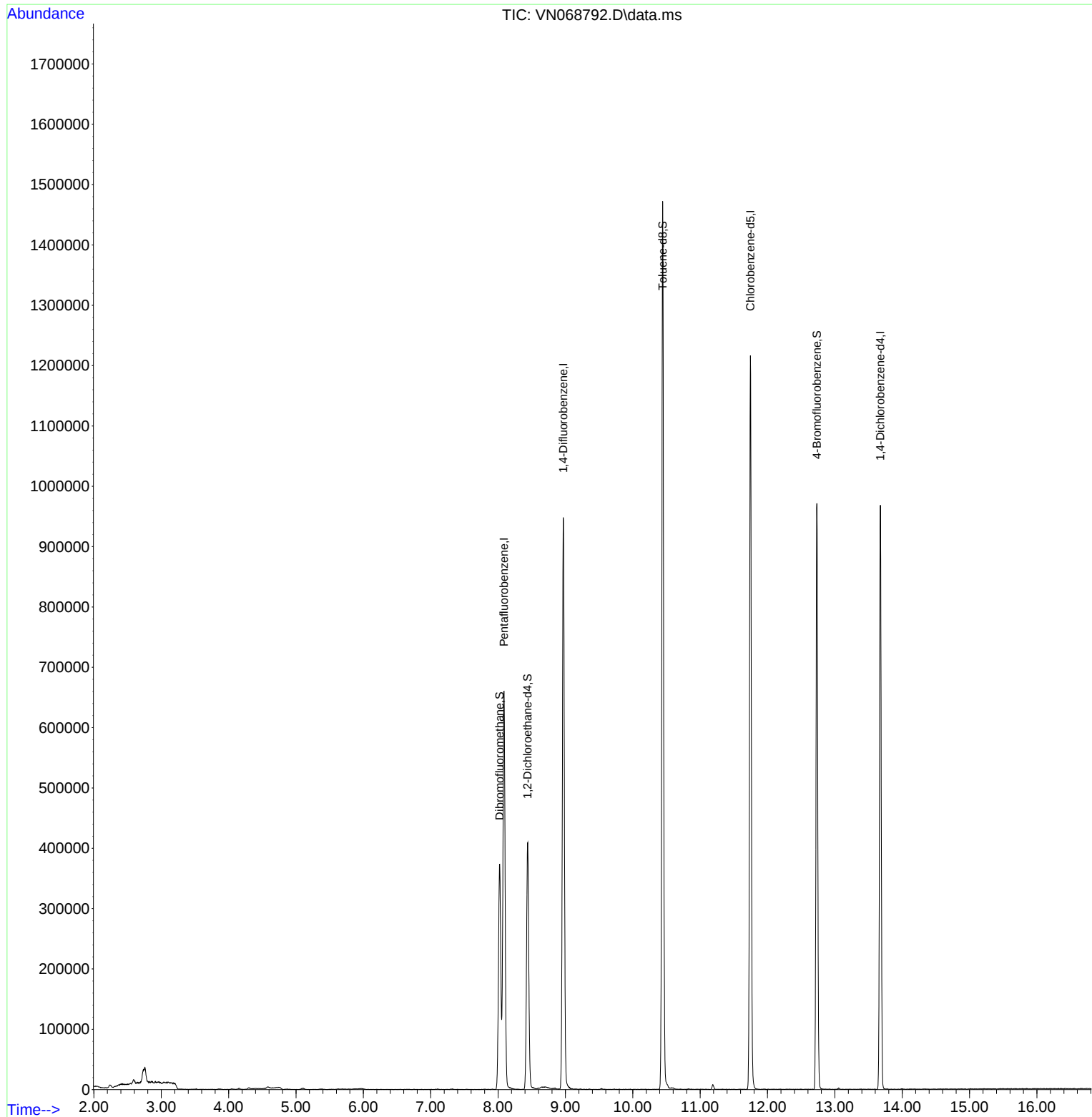
Target Compounds	Qvalue

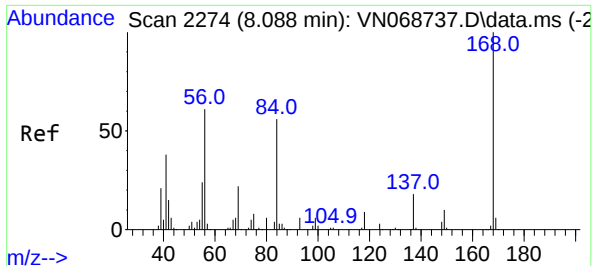
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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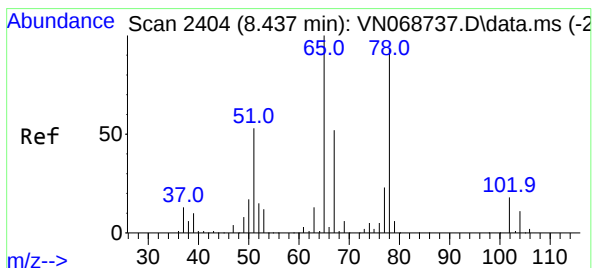
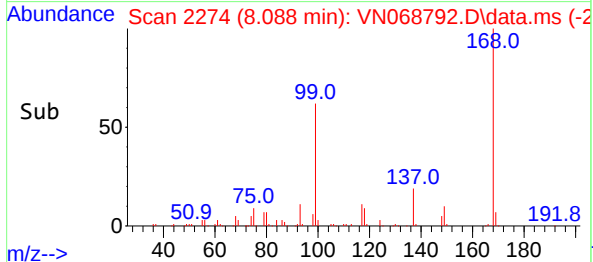
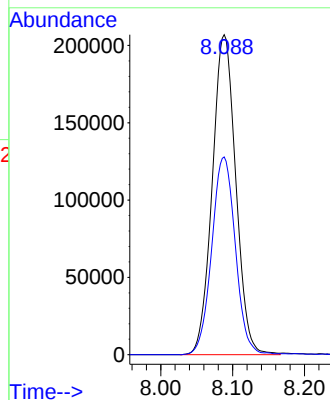
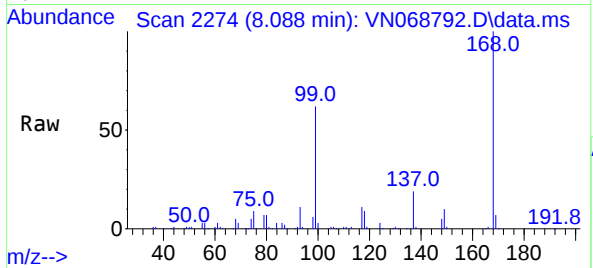




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

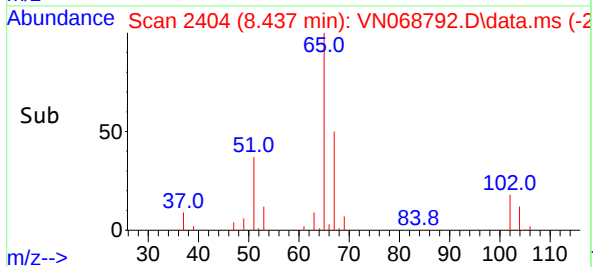
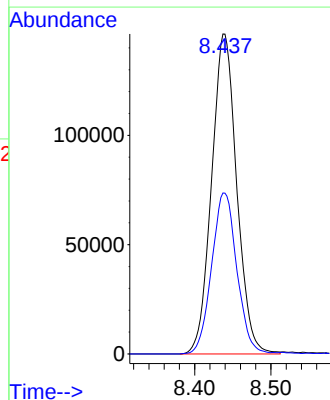
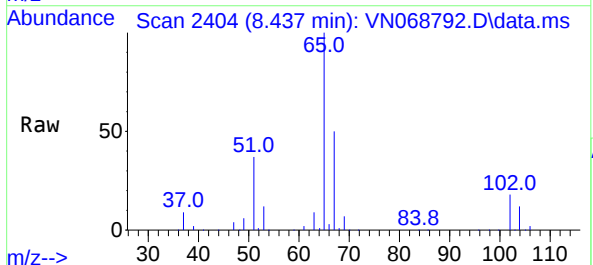
Instrument :
MSVOA_N
ClientSampled :
P287-DITCH

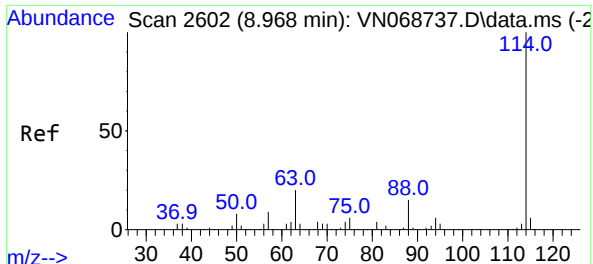
Tgt Ion:168 Resp: 470075
Ion Ratio Lower Upper
168 100
99 61.8 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 51.168 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion: 65 Resp: 335136
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.6

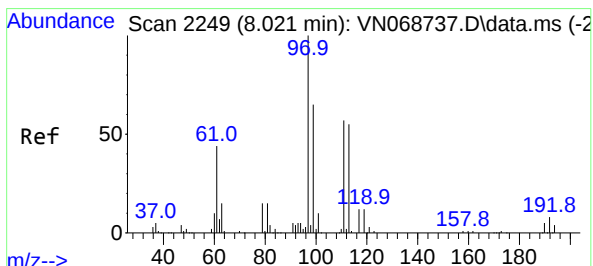
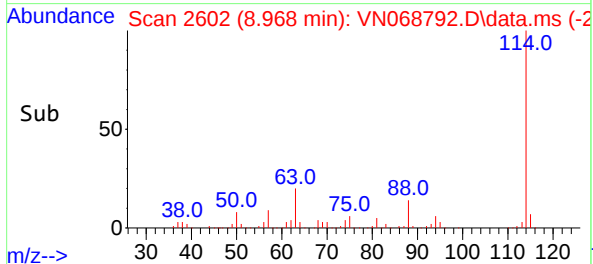
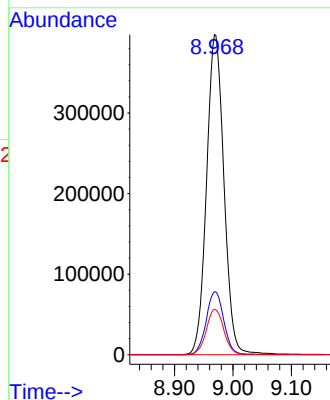
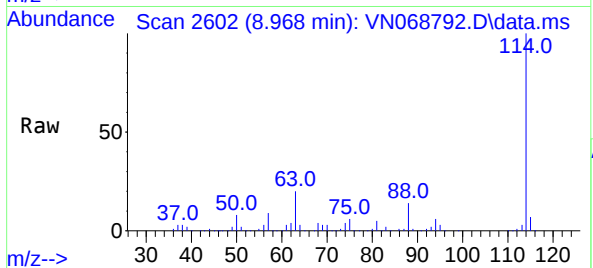




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

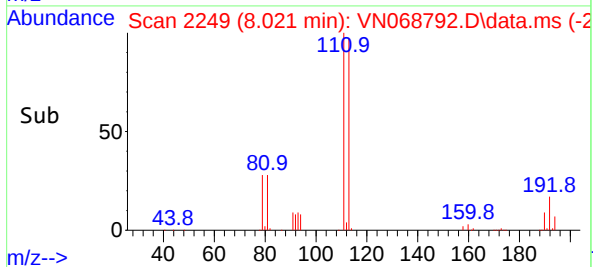
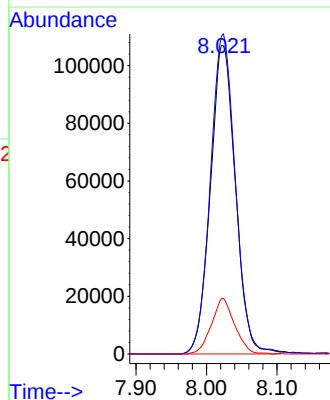
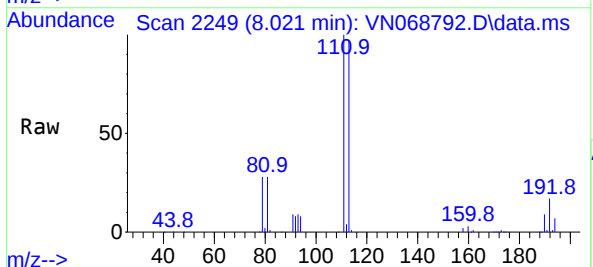
Instrument :
MSVOA_N
ClientSampleId :
P287-DITCH

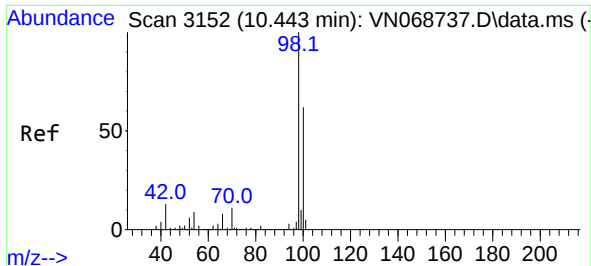
Tgt Ion:114 Resp: 822521
Ion Ratio Lower Upper
114 100
63 19.7 0.0 49.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.570 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion:113 Resp: 263550
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.8
192 16.7 13.4 20.0

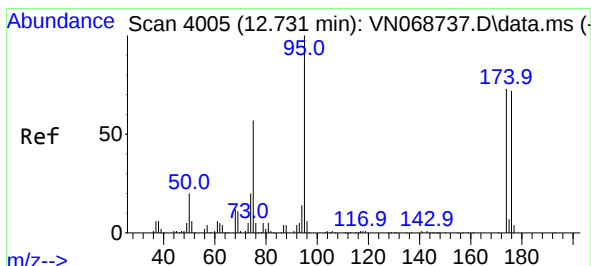
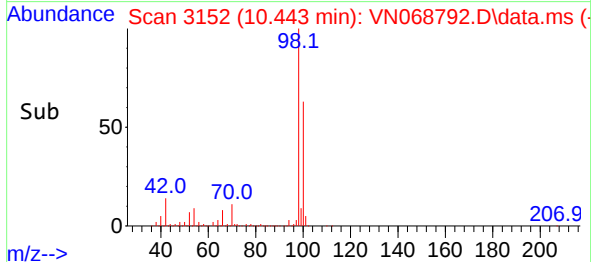
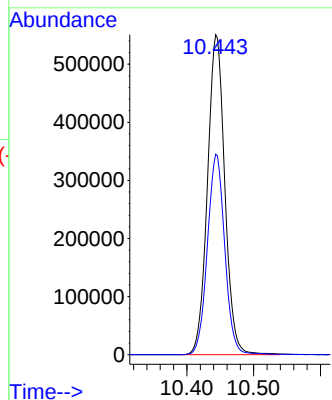
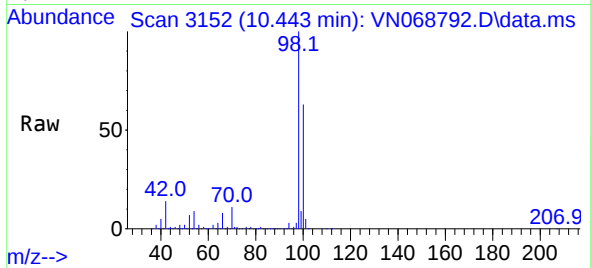




#50
Toluene-d8
Concen: 53.313 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

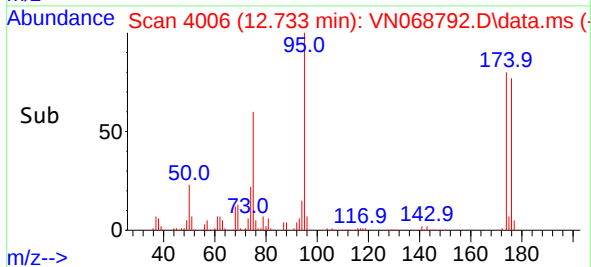
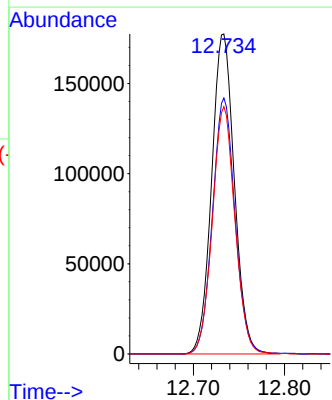
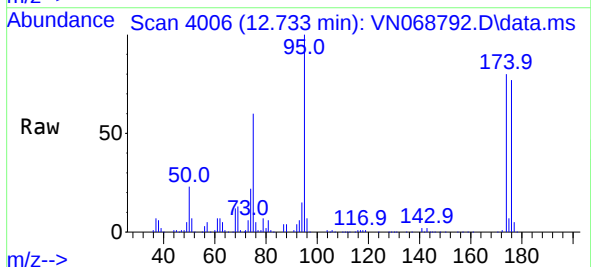
Instrument :
MSVOA_N
ClientSampleId :
P287-DITCH

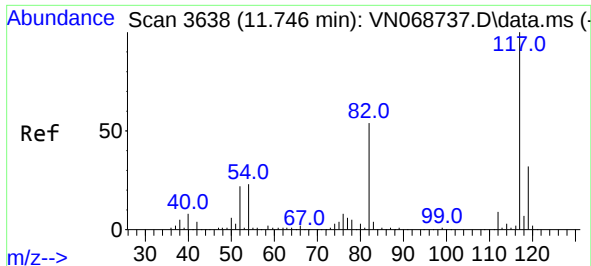
Tgt Ion: 98 Resp: 995602
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.289 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion: 95 Resp: 306861
Ion Ratio Lower Upper
95 100
174 79.6 0.0 122.0
176 76.9 0.0 117.6

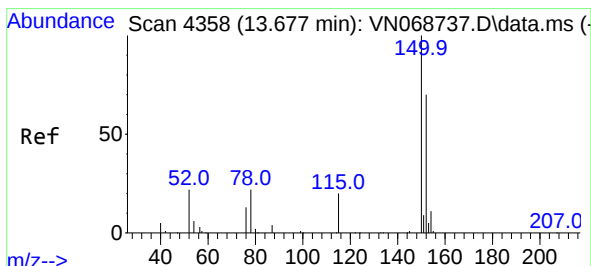
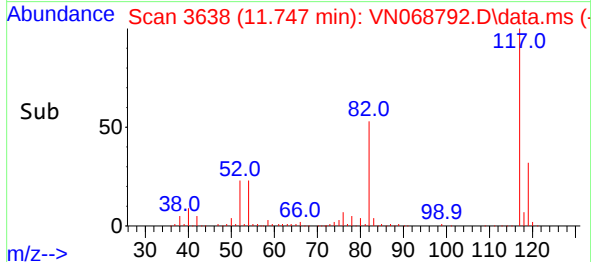
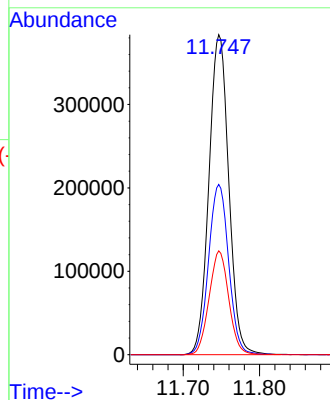
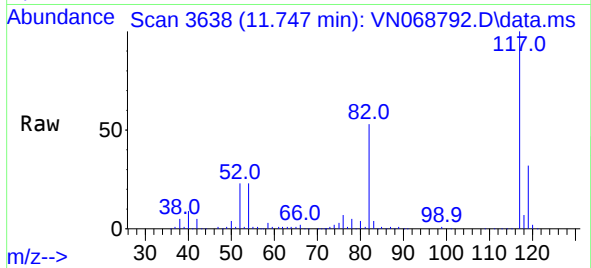




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Instrument :
MSVOA_N
ClientSampled :
P287-DITCH

Tgt Ion:117 Resp: 692165
Ion Ratio Lower Upper
117 100
82 53.2 53.1 79.7
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN068792.D
Acq: 1 Oct 2021 18:58

Tgt Ion:152 Resp: 247794
Ion Ratio Lower Upper
152 100
115 60.6 36.1 108.5
150 158.7 0.0 351.8

