

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068286.D
 Acq On : 24 Aug 2021 14:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 25 03:10:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	419484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	688479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	721476	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	280937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	237882	53.111	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.220%	
35) Dibromofluoromethane	8.024	113	210945	48.802	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.600%	
50) Toluene-d8	10.443	98	839112	50.948	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.733	95	286021	52.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.340%	

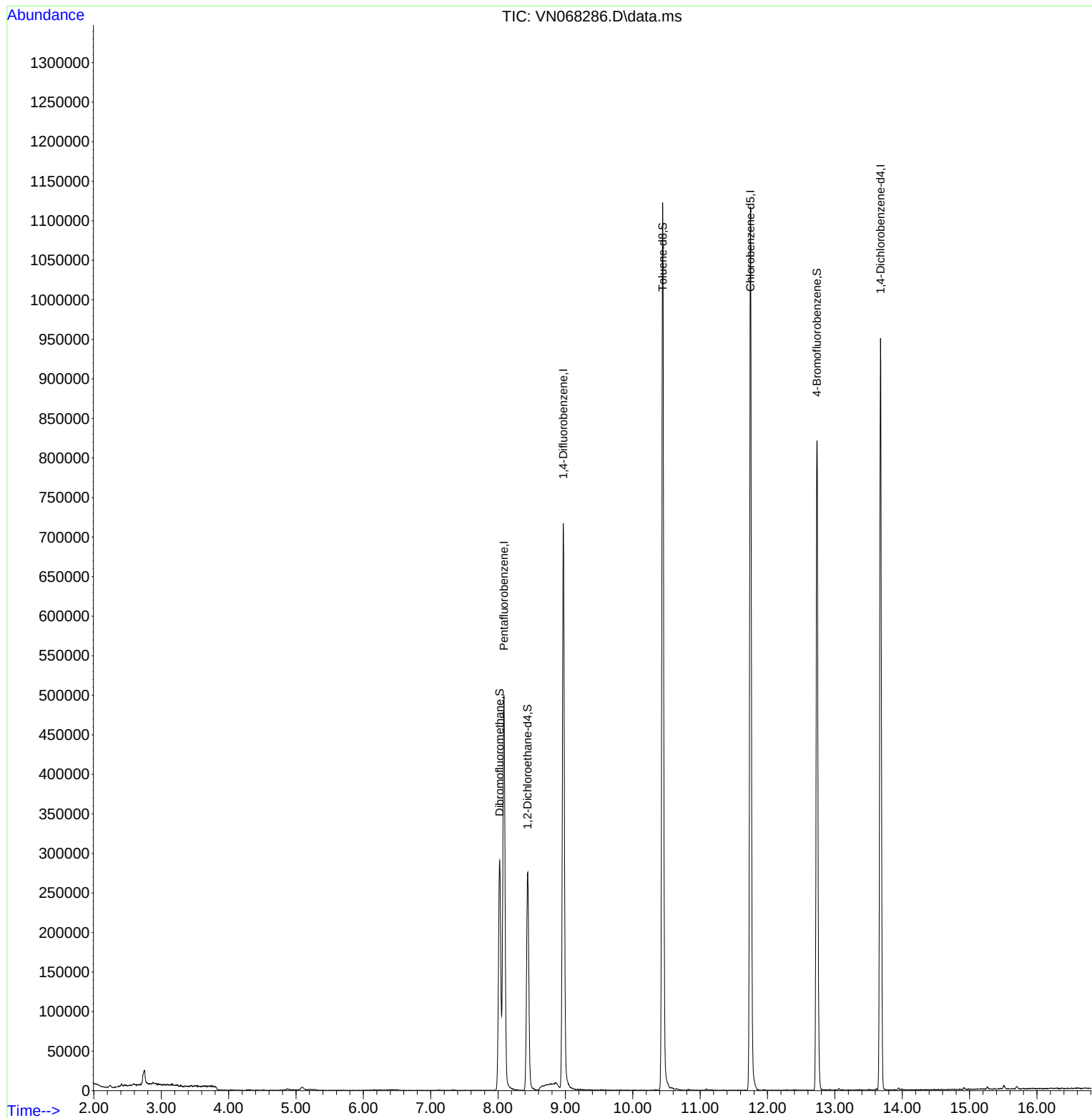
Target Compounds	Qvalue

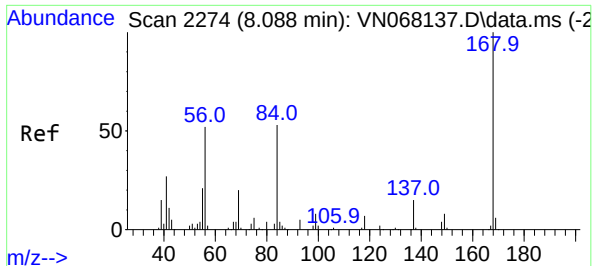
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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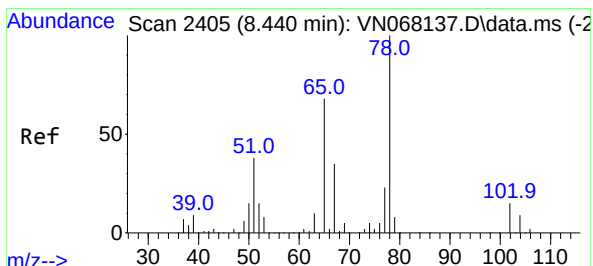
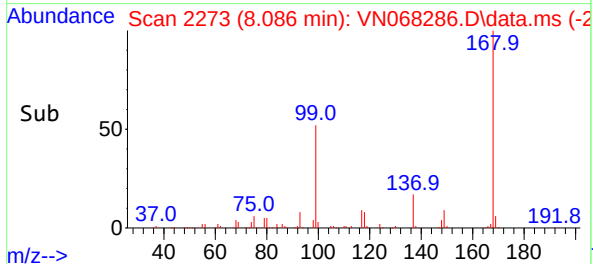
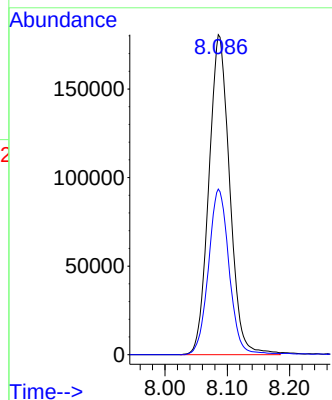
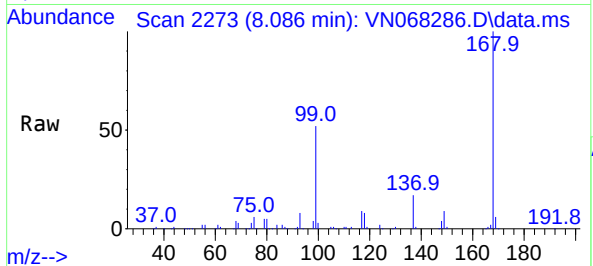




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

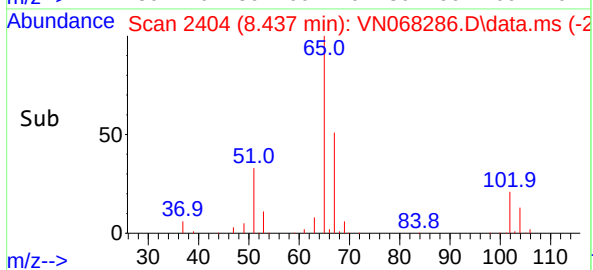
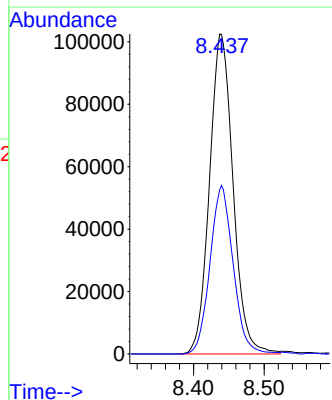
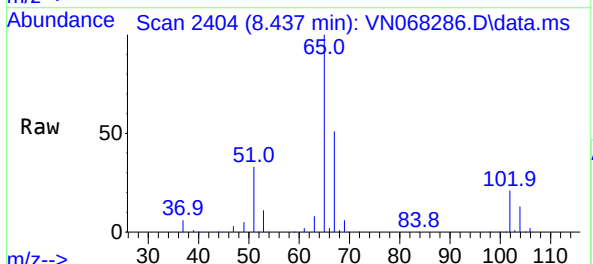
Instrument :
MSVOA_N
ClientSampled :
IBLK

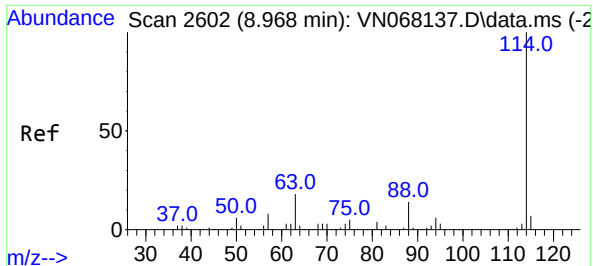
Tgt Ion:168 Resp: 419484
Ion Ratio Lower Upper
168 100
99 51.8 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 53.111 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion: 65 Resp: 237882
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.6

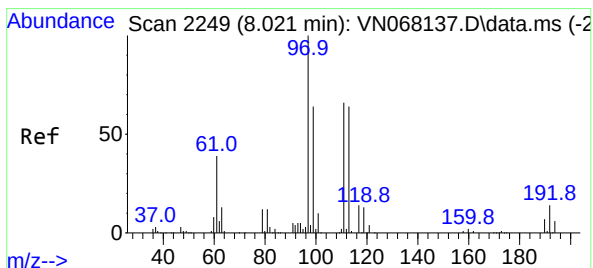
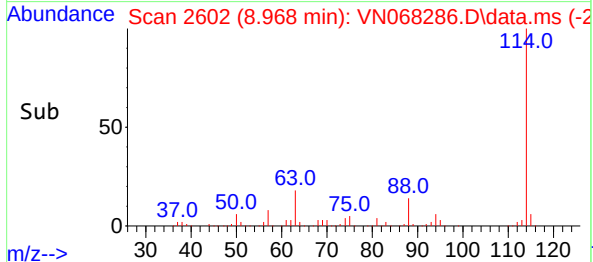
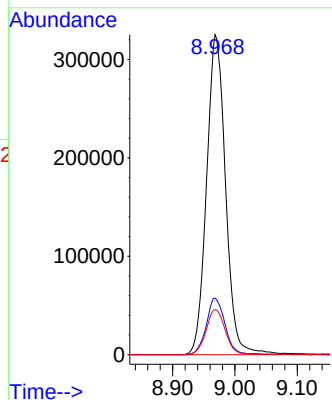
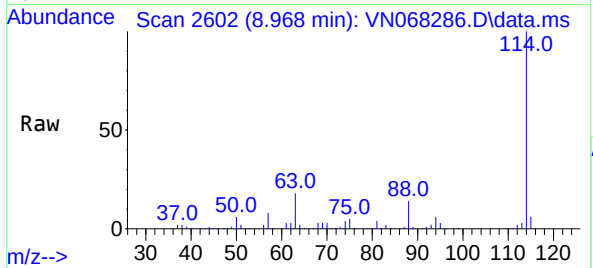




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

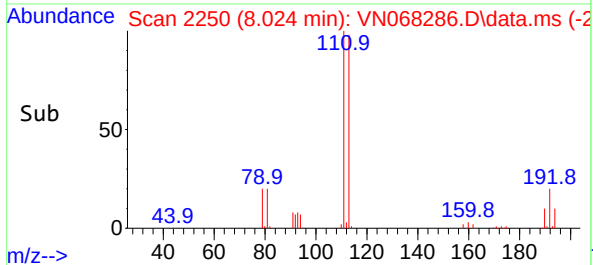
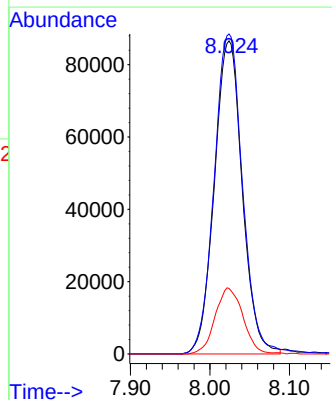
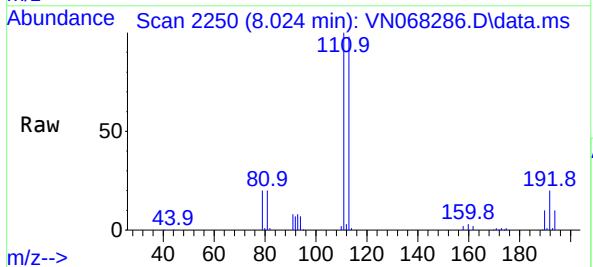
Instrument :
MSVOA_N
ClientSampleId :
IBLK

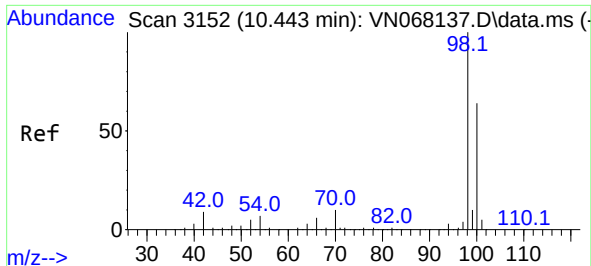
Tgt Ion:114 Resp: 688479
Ion Ratio Lower Upper
114 100
63 17.7 0.0 49.0
88 14.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.802 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion:113 Resp: 210945
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.8
192 21.0 13.4 20.0#

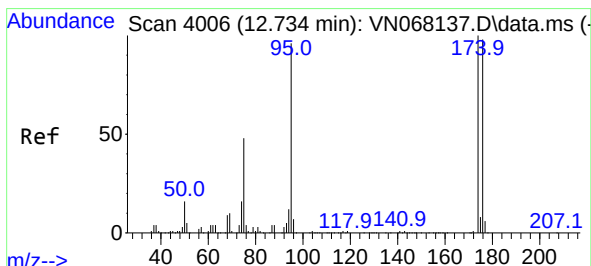
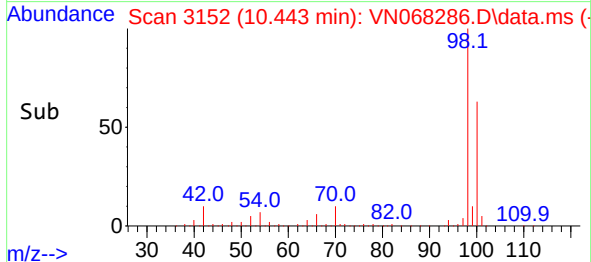
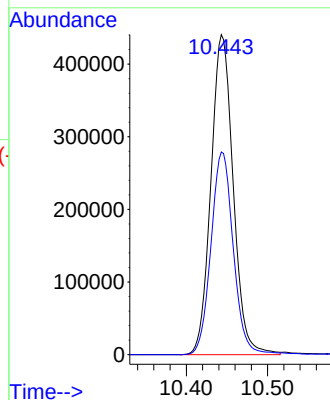
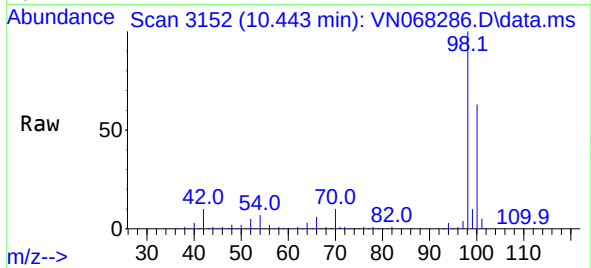




#50
Toluene-d8
Concen: 50.948 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

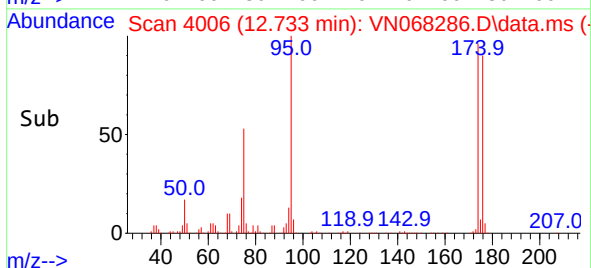
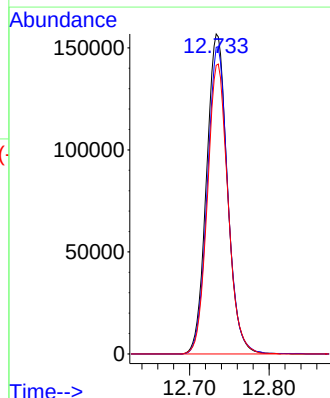
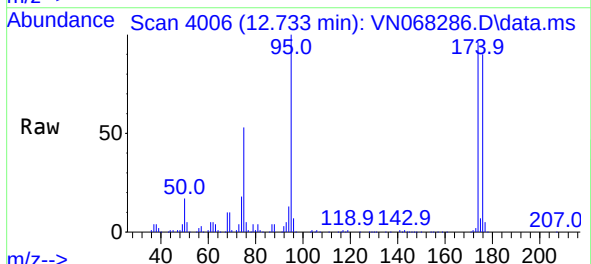
Instrument :
MSVOA_N
ClientSampled :
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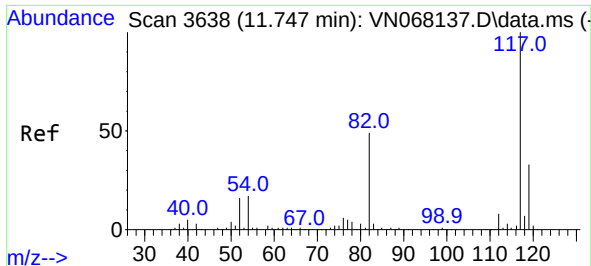
Tgt Ion: 98 Resp: 839112
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 52.167 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion: 95 Resp: 286021
Ion Ratio Lower Upper
95 100
174 94.5 0.0 122.0
176 89.4 0.0 117.6

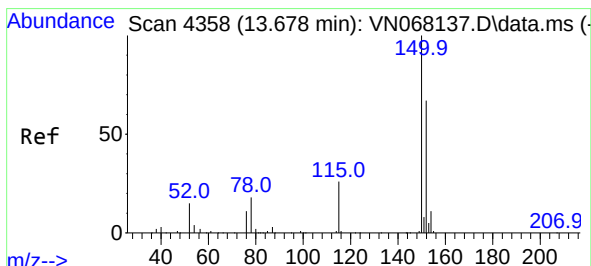
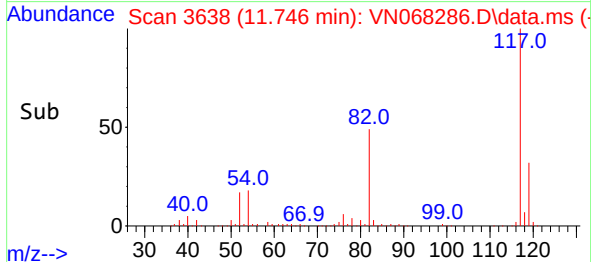
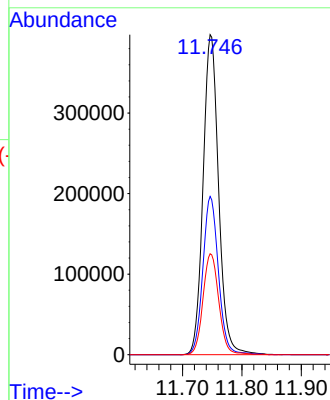
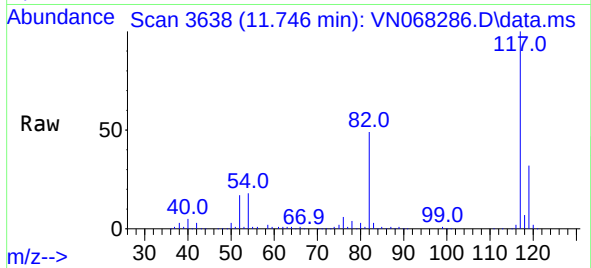




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tgt Ion:117 Resp: 721476
Ion Ratio Lower Upper
117 100
82 49.4 53.1 79.7#
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068286.D
Acq: 24 Aug 2021 14:28

Tgt Ion:152 Resp: 280937
Ion Ratio Lower Upper
152 100
115 55.6 36.1 108.5
150 158.2 0.0 351.8

