

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083121\
 Data File : VN068365.D
 Acq On : 31 Aug 2021 13:17
 Operator : JC/MD
 Sample : VN0831WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBL01

Quant Time: Sep 01 02:03:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	436435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	690796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	676858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	274351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	234066	52.544	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.080%
35) Dibromofluoromethane	8.027	113	223638	51.061	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.120%
50) Toluene-d8	10.446	98	833350	50.828	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.733	95	269930	50.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.340%

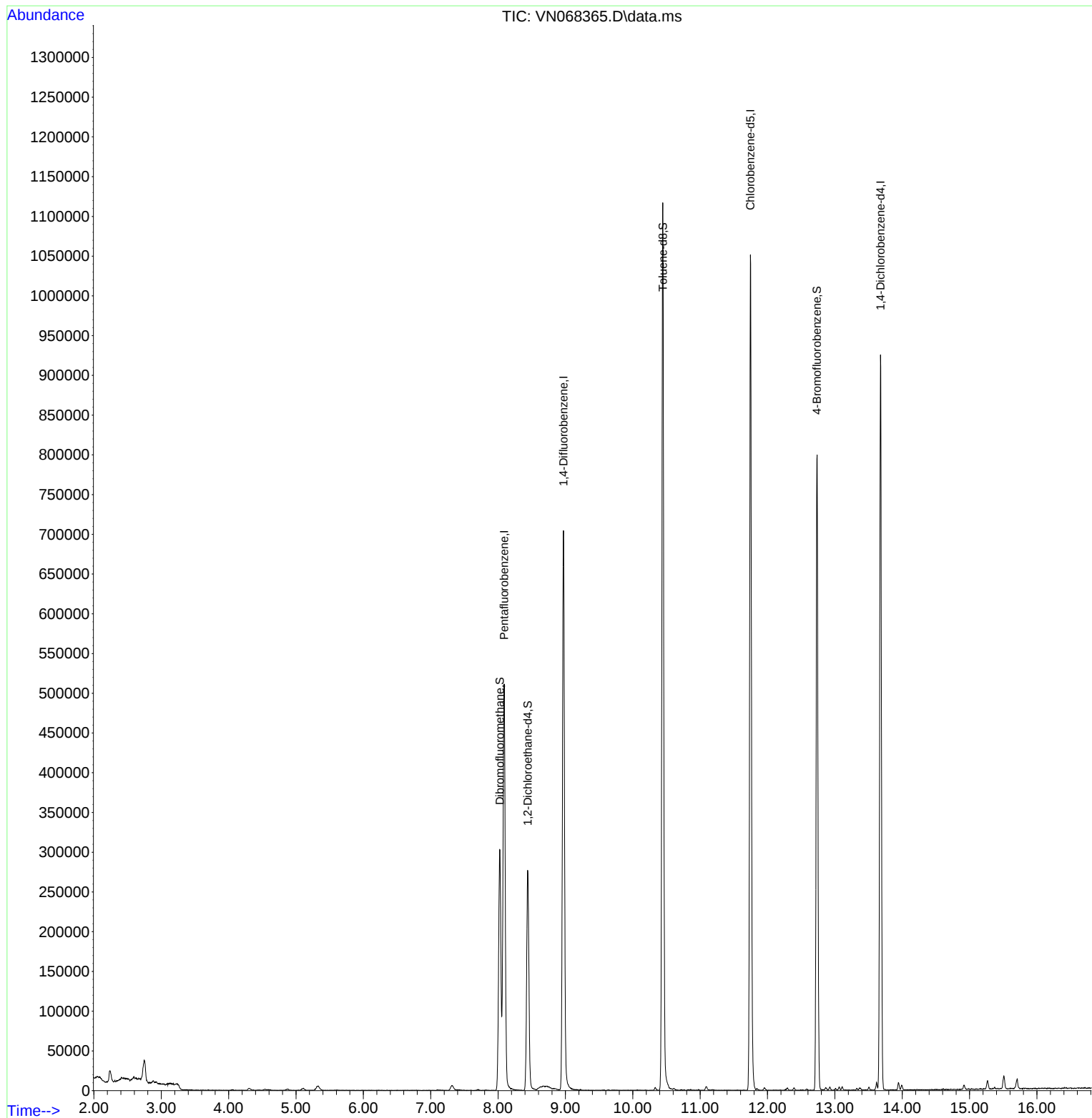
Target Compounds	Qvalue

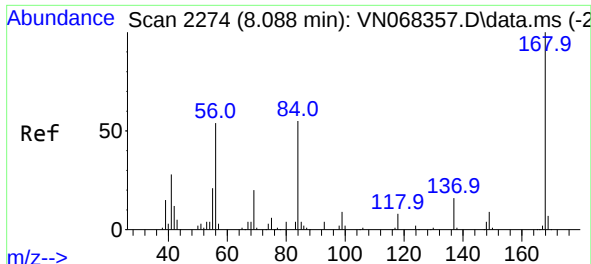
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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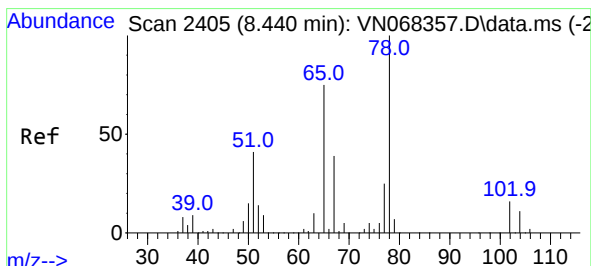
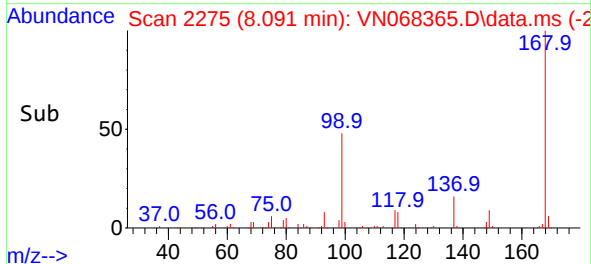
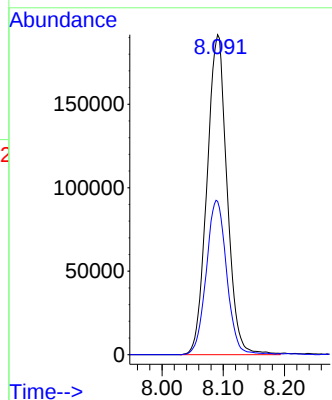
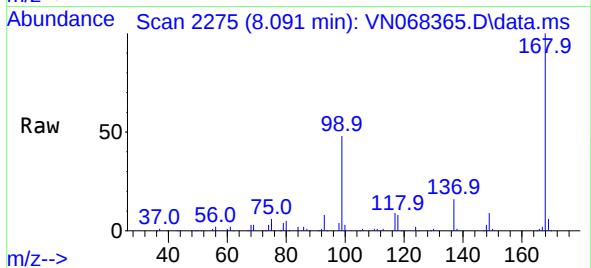




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VN068365.D
Acq: 31 Aug 2021 13:17

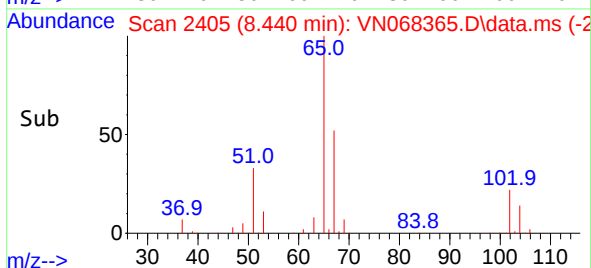
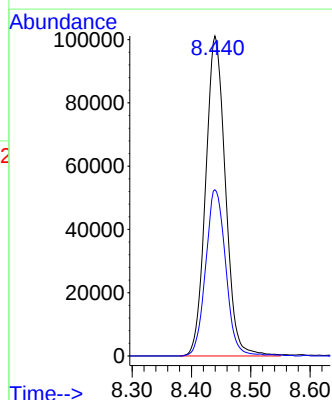
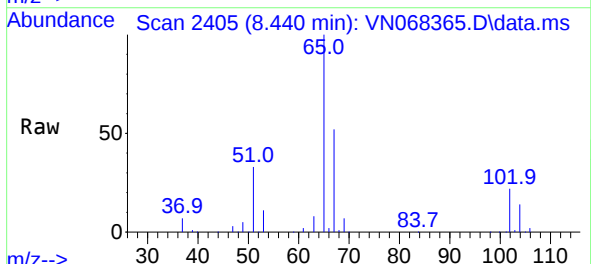
Instrument :
MSVOA_N
ClientSampleId :
VN0831WBL01

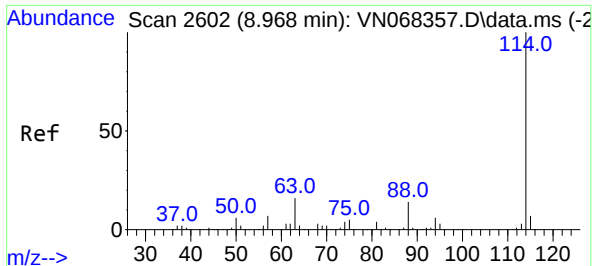
Tgt Ion:168 Resp: 436435
Ion Ratio Lower Upper
168 100
99 47.9 38.6 57.8



#33
1,2-Dichloroethane-d4
Concen: 52.544 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068365.D
Acq: 31 Aug 2021 13:17

Tgt Ion: 65 Resp: 234066
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.8

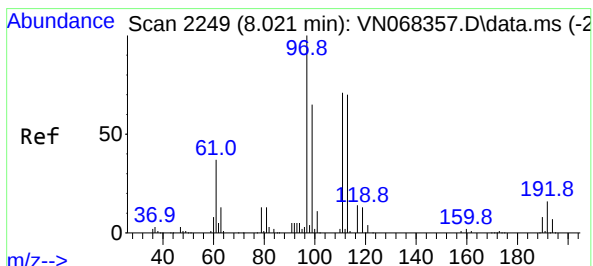
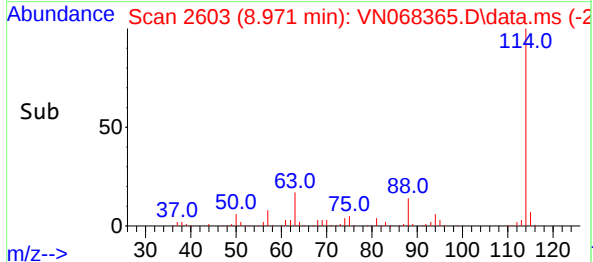
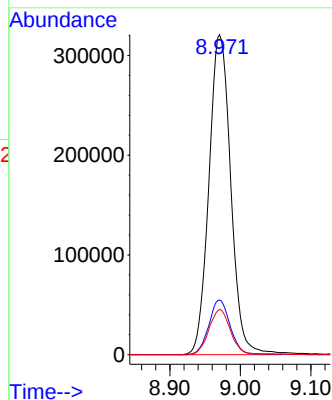
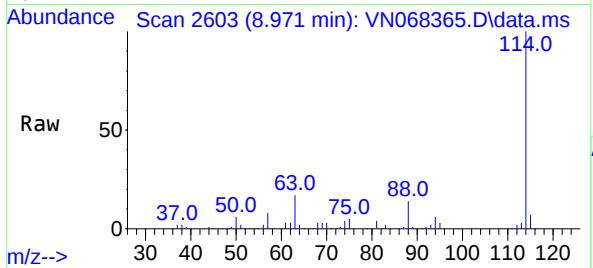




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068365.D
Acq: 31 Aug 2021 13:17

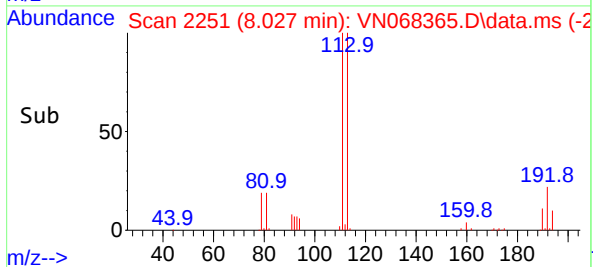
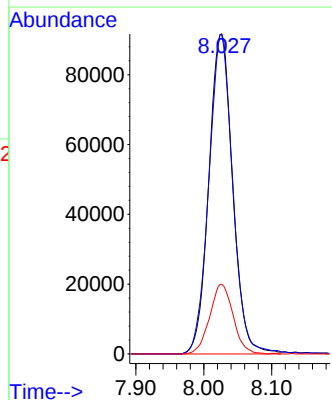
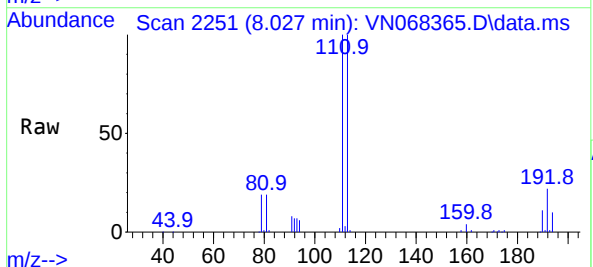
Instrument :
MSVOA_N
ClientSampleId :
VN0831WBL01

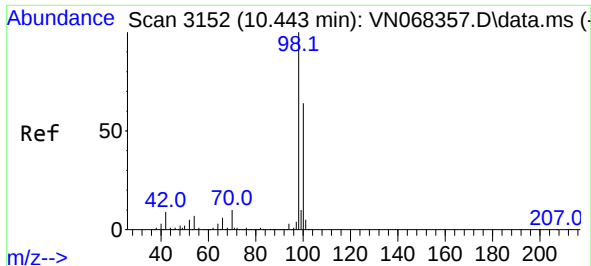
Tgt Ion:114 Resp: 690796
Ion Ratio Lower Upper
114 100
63 17.1 0.0 32.2
88 14.1 0.0 27.6



#35
Dibromofluoromethane
Concen: 51.061 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN068365.D
Acq: 31 Aug 2021 13:17

Tgt Ion:113 Resp: 223638
Ion Ratio Lower Upper
113 100
111 99.3 82.2 123.4
192 21.4 18.1 27.1

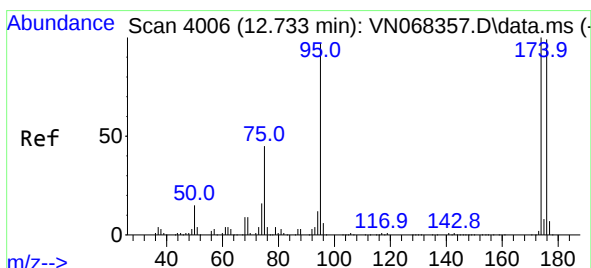
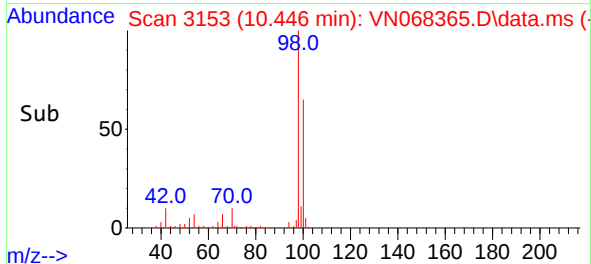
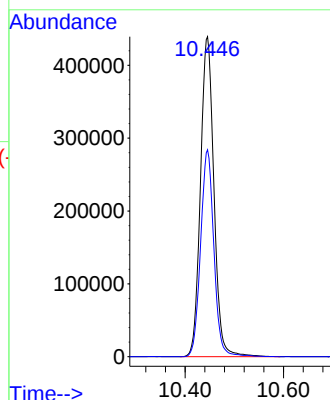
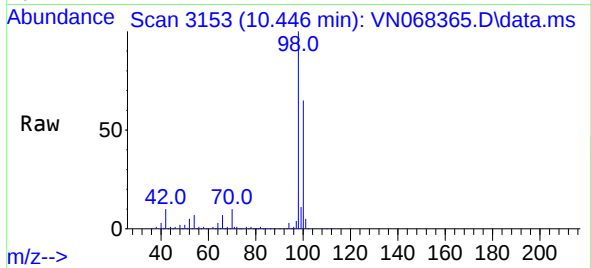




#50
Toluene-d8
Concen: 50.828 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068365.D
Acq: 31 Aug 2021 13:17

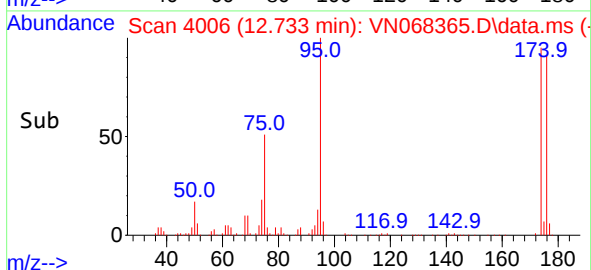
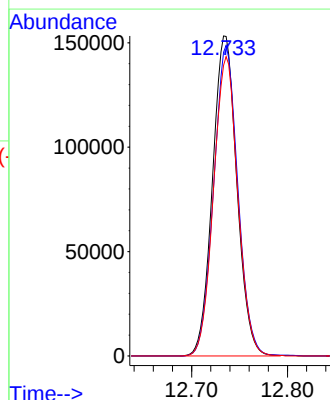
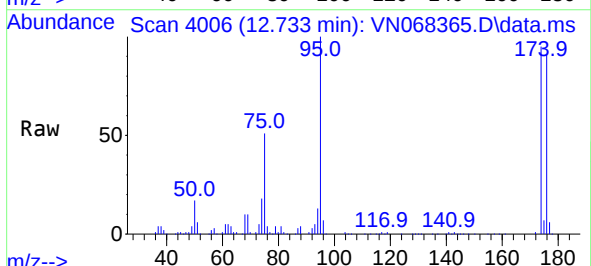
Instrument :
MSVOA_N
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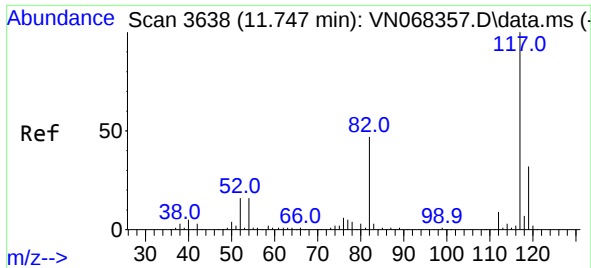
Tgt Ion: 98 Resp: 833350
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.167 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068365.D
Acq: 31 Aug 2021 13:17

Tgt Ion: 95 Resp: 269930
Ion Ratio Lower Upper
95 100
174 96.4 0.0 211.4
176 93.3 0.0 205.4

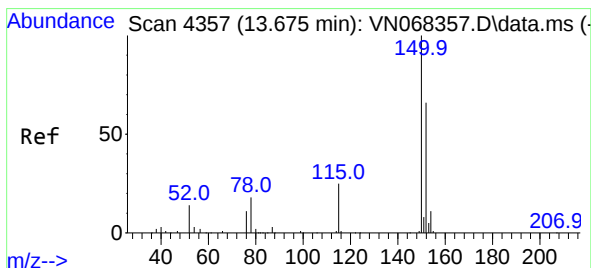
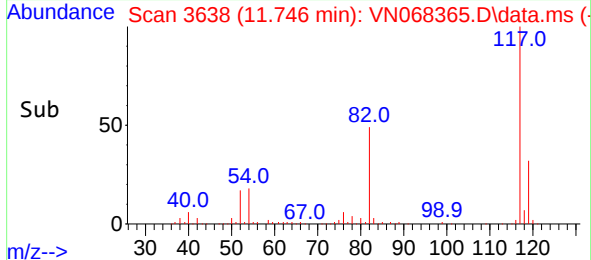
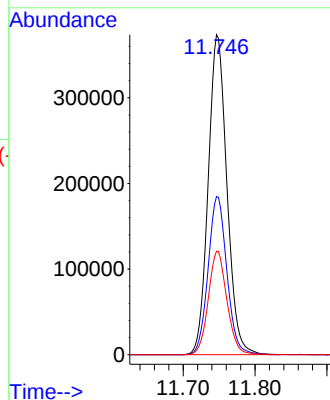
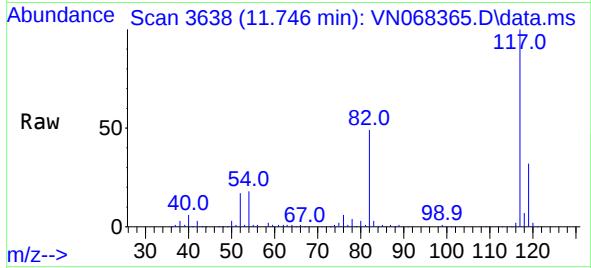




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068365.D
Acq: 31 Aug 2021 13:17

Instrument :
MSVOA_N
ClientSampleId :
VN0831WBL01

Tgt Ion:117 Resp: 676858
Ion Ratio Lower Upper
117 100
82 49.4 37.8 56.6
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068365.D
Acq: 31 Aug 2021 13:17

Tgt Ion:152 Resp: 274351
Ion Ratio Lower Upper
152 100
115 54.4 26.1 78.3
150 159.5 0.0 348.4

