

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068936.D
 Acq On : 14 Oct 2021 20:02
 Operator : JC/MD
 Sample : M4192-07
 Misc : 5.48g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-8

Quant Time: Oct 14 22:51:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

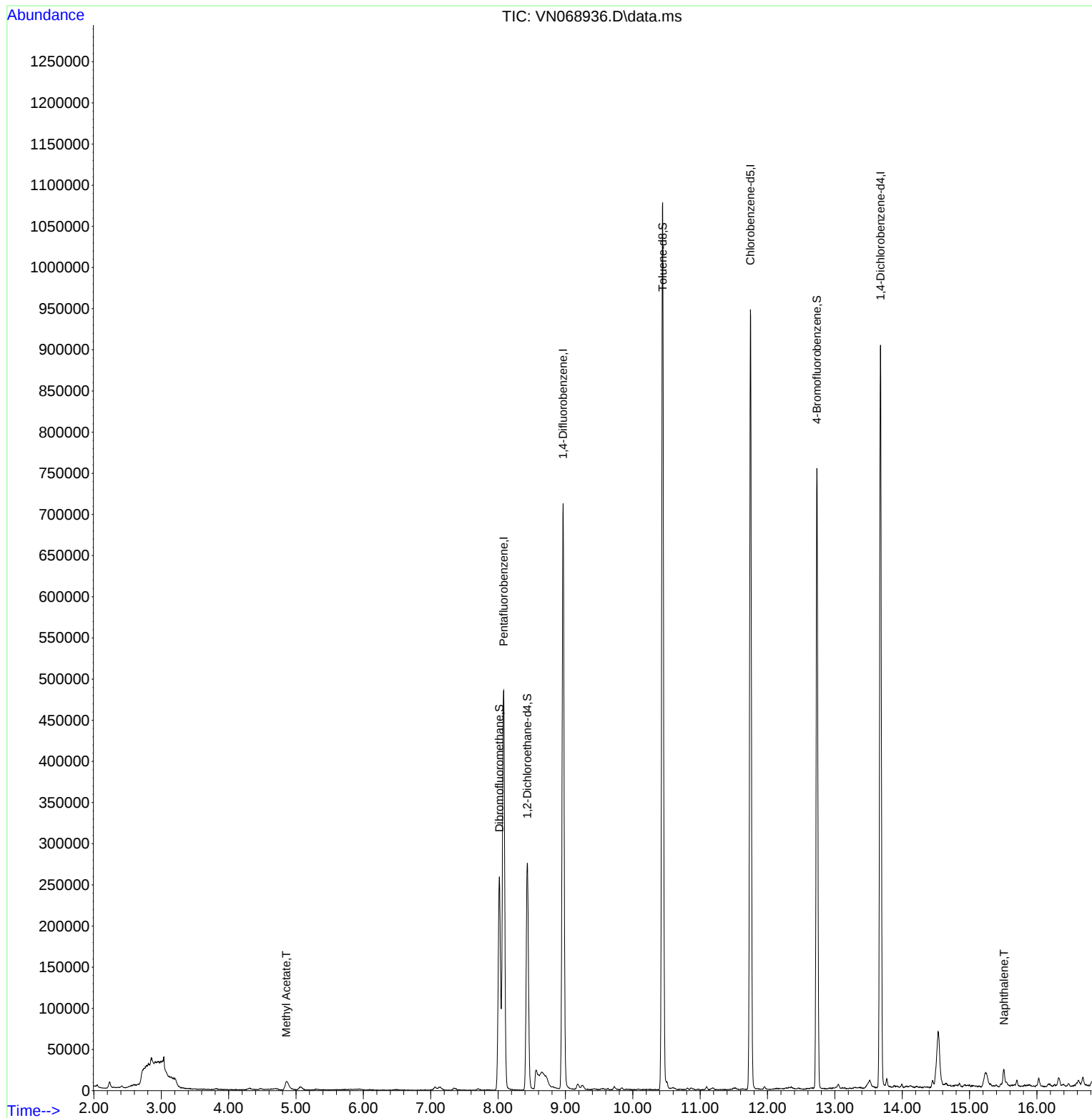
Internal Standards						
1) Pentafluorobenzene	8.083	168	389432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	646093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	570323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	252332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	233533	45.483	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.960%
35) Dibromofluoromethane	8.019	113	188764	50.216	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.440%
50) Toluene-d8	10.443	98	783332	52.082	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.733	95	269974	47.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.160%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.856	43	29786	4.098	ug/l	96
95) Naphthalene	15.509	128	20299	5.413	ug/l	98

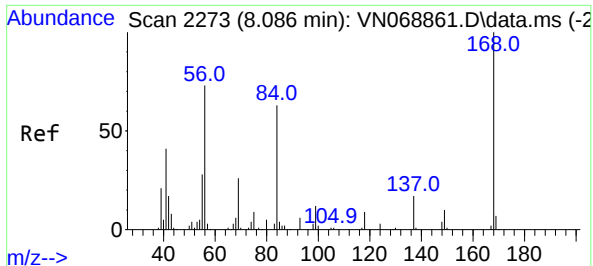
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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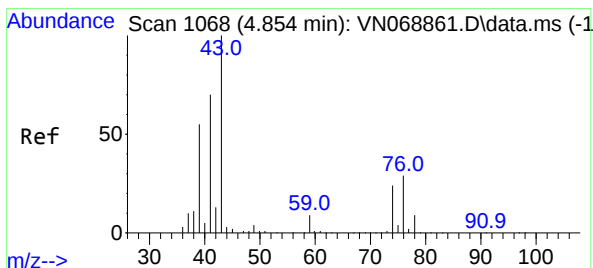
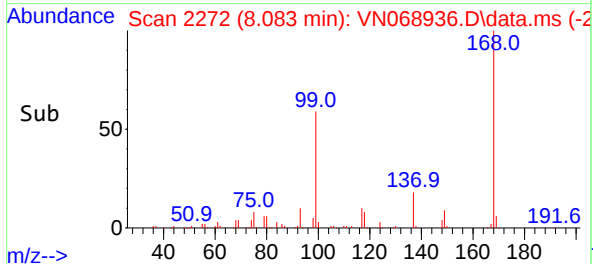
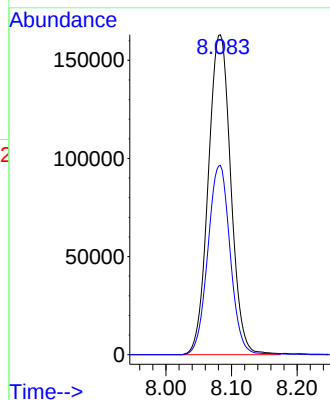
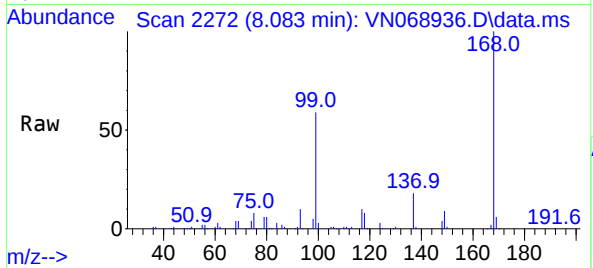




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.003 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

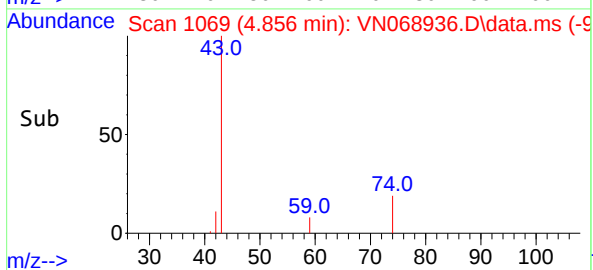
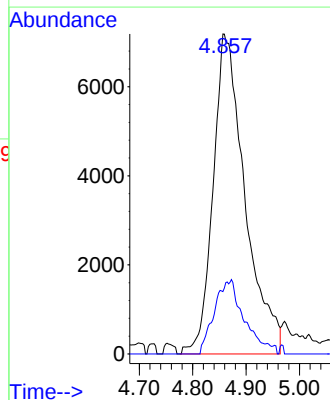
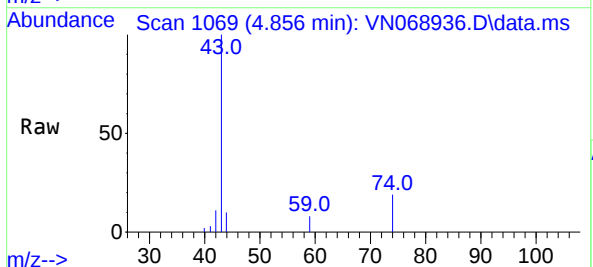
Instrument :
MSVOA_N
ClientSampled :
HAR-8

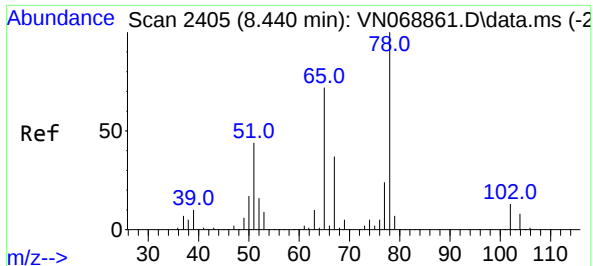
Tgt Ion:168 Resp: 389432
Ion Ratio Lower Upper
168 100
99 59.2 48.9 73.3



#18
Methyl Acetate
Concen: 4.098 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

Tgt Ion: 43 Resp: 29786
Ion Ratio Lower Upper
43 100
74 21.6 18.9 28.3

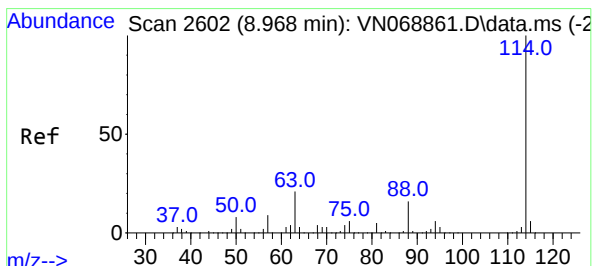
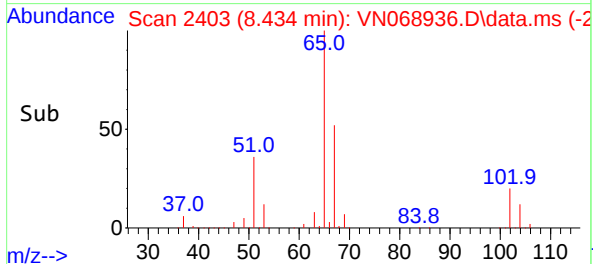
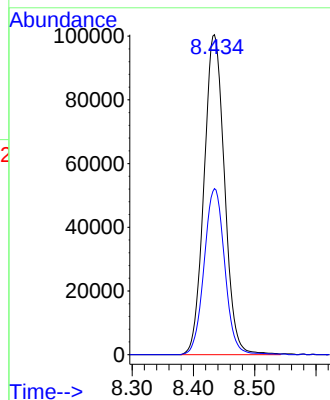
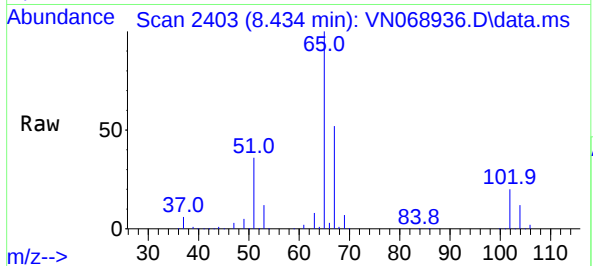




#33
1,2-Dichloroethane-d4
Concen: 45.483 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

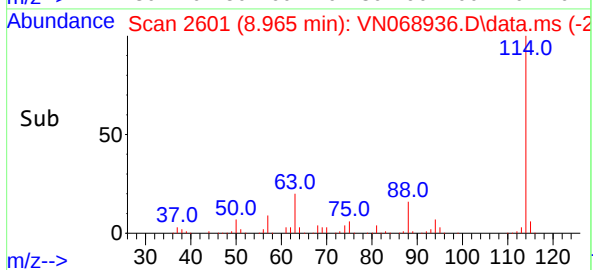
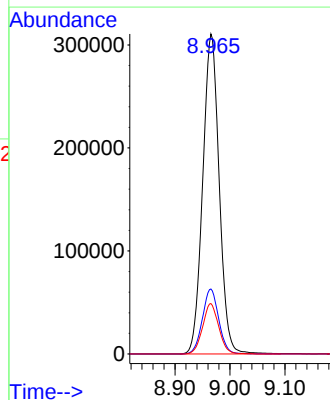
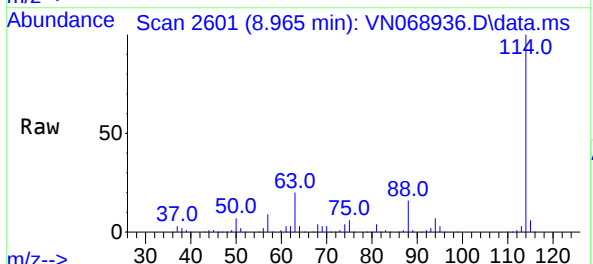
Instrument :
MSVOA_N
ClientSampled :
HAR-8

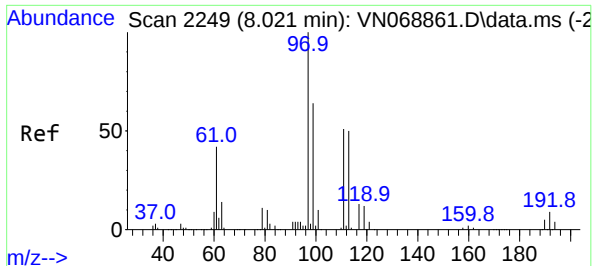
Tgt Ion: 65 Resp: 233533
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

Tgt Ion: 114 Resp: 646093
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.7 0.0 32.0

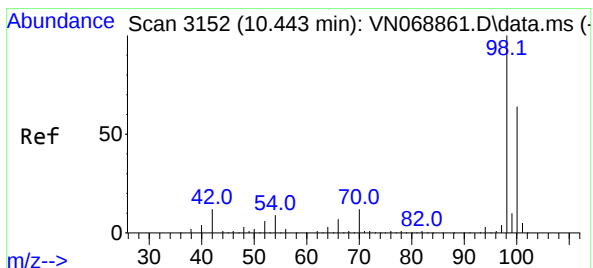
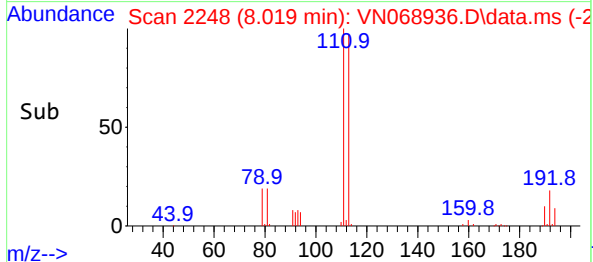
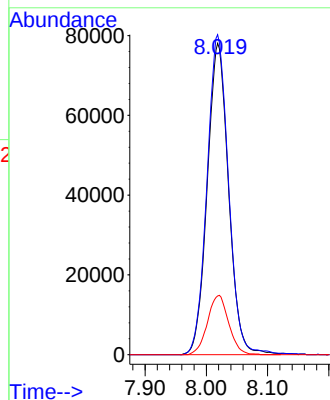
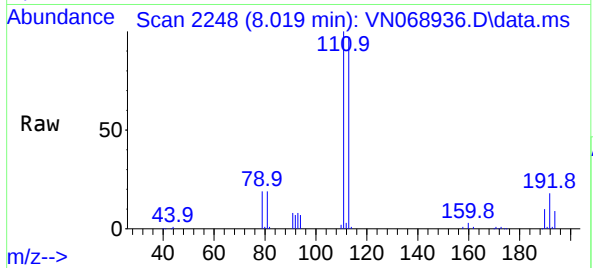




#35
Dibromofluoromethane
Concen: 50.216 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

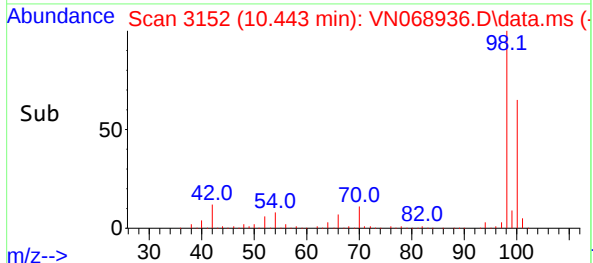
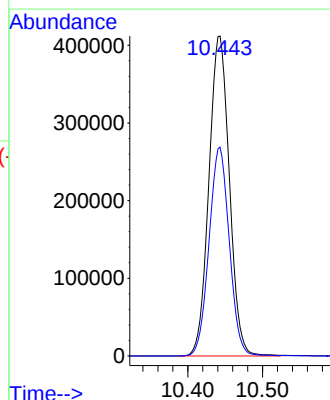
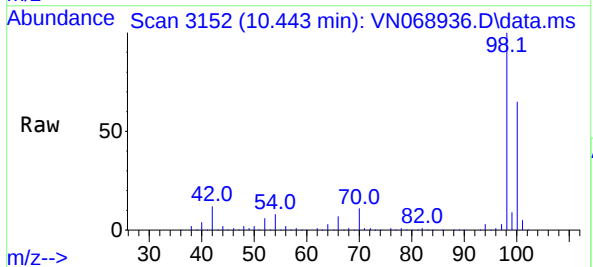
Instrument :
MSVOA_N
ClientSampled :
HAR-8

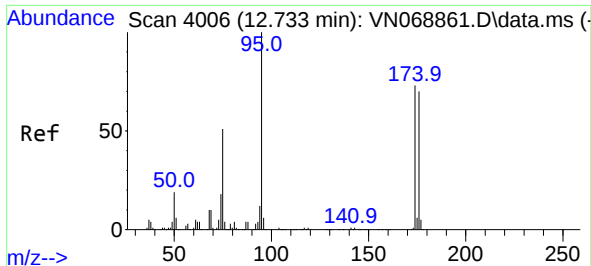
Tgt Ion:113 Resp: 188764
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 19.0 15.0 22.4



#50
Toluene-d8
Concen: 52.082 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

Tgt Ion: 98 Resp: 783332
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

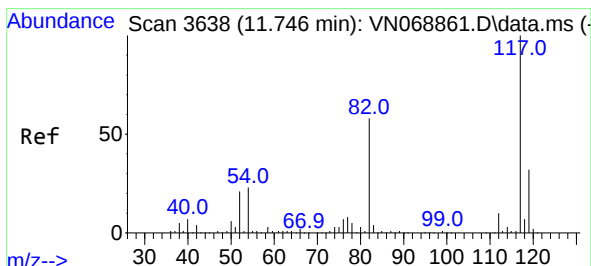
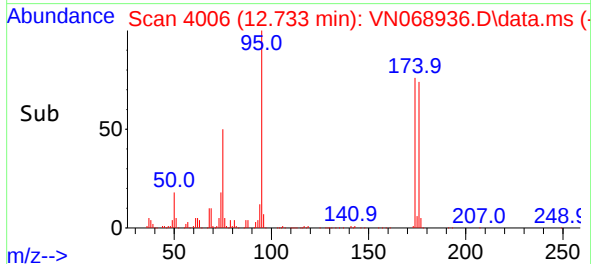
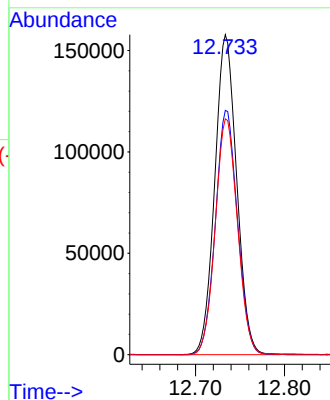
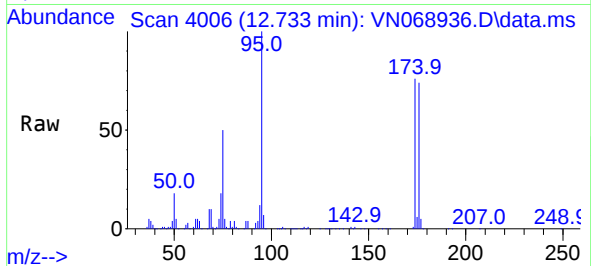




#62
4-Bromofluorobenzene
Concen: 47.576 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

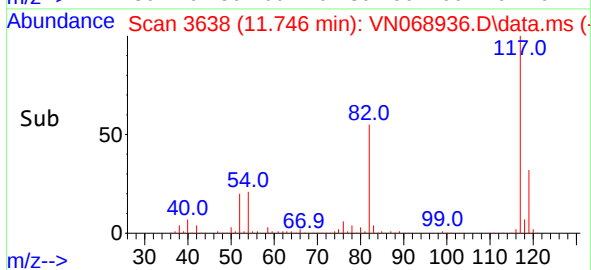
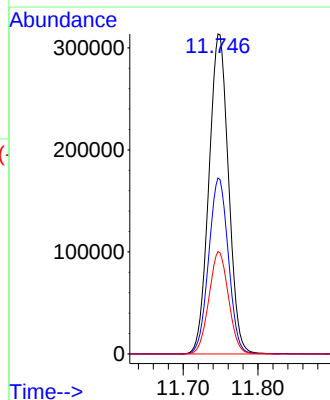
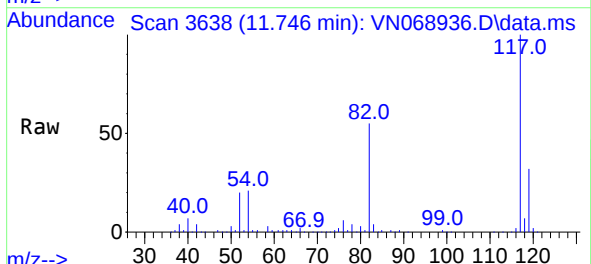
Instrument :
MSVOA_N
ClientSampled :
HAR-8

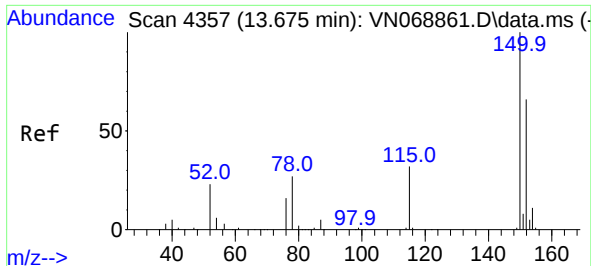
Tgt Ion: 95 Resp: 269974
Ion Ratio Lower Upper
95 100
174 77.2 0.0 144.8
176 74.8 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

Tgt Ion: 117 Resp: 570323
Ion Ratio Lower Upper
117 100
82 55.0 46.4 69.6
119 32.0 26.0 39.0

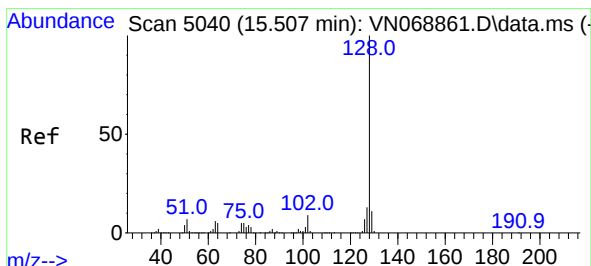
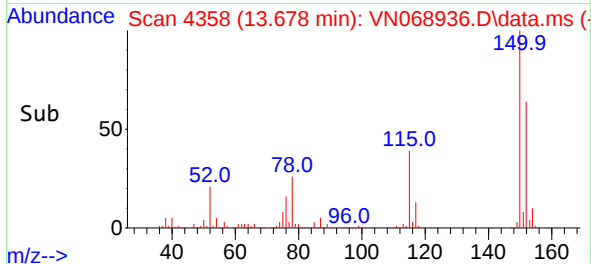
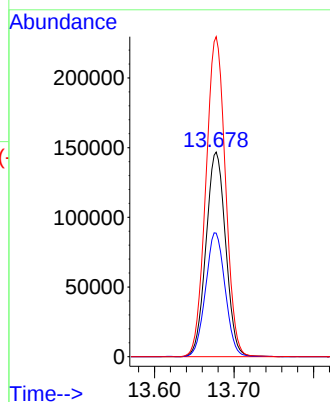
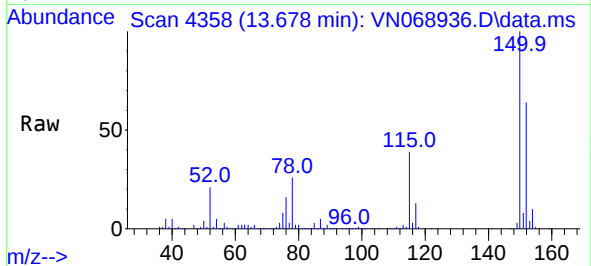




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

Instrument :
MSVOA_N
ClientSampled :
HAR-8

Tgt Ion:152 Resp: 252332
Ion Ratio Lower Upper
152 100
115 60.4 31.4 94.3
150 155.6 0.0 351.0



#95
Naphthalene
Concen: 5.413 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068936.D
Acq: 14 Oct 2021 20:02

Tgt Ion:128 Resp: 20299
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 12.1 8.9 13.3

