

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068938.D
 Acq On : 14 Oct 2021 20:52
 Operator : JC/MD
 Sample : M4192-11
 Misc : 5.57g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-12

Quant Time: Oct 14 22:52:10 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)

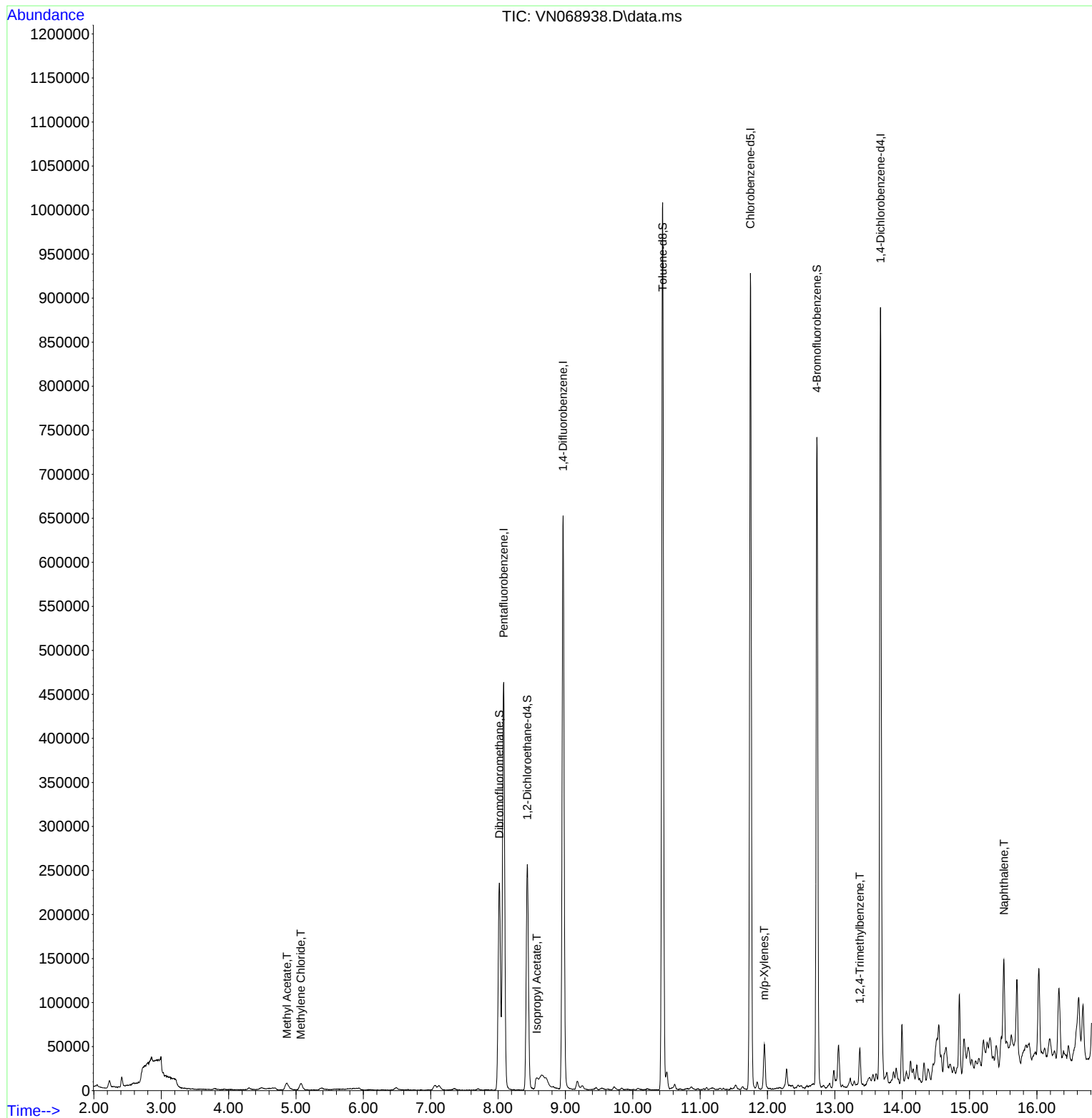
Internal Standards						
1) Pentafluorobenzene	8.083	168	363429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	596559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	553540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	242077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	215129	44.896	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.800%		
35) Dibromofluoromethane	8.018	113	175392	50.533	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.060%		
50) Toluene-d8	10.443	98	727159	52.361	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.720%		
62) 4-Bromofluorobenzene	12.733	95	259884	49.600	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.200%		
Target Compounds						Qvalue
18) Methyl Acetate	4.867	43	20255	2.986	ug/l	98
20) Methylene Chloride	5.074	84	6296	1.530	ug/l	95
43) Isopropyl Acetate	8.576	43	9709	1.046	ug/l #	55
68) m/p-Xylenes	11.953	106	11564	1.568	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	25144	1.555	ug/l	99
95) Naphthalene	15.509	128	110163	12.870	ug/l	99

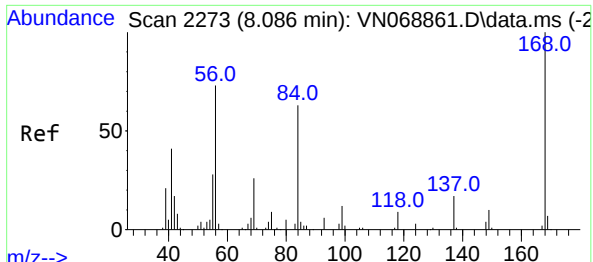
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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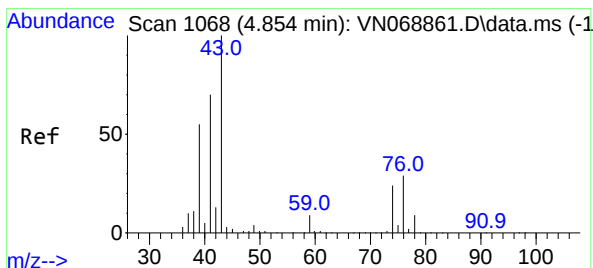
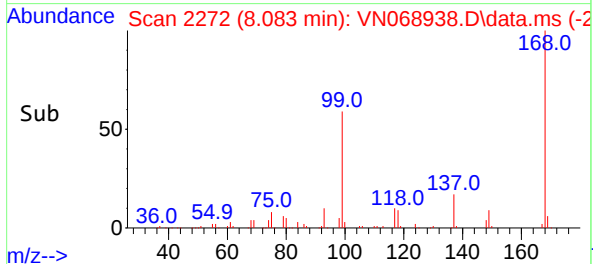
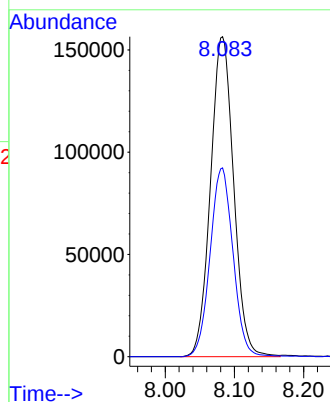
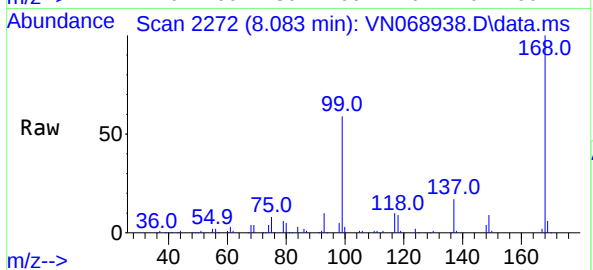




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.003 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

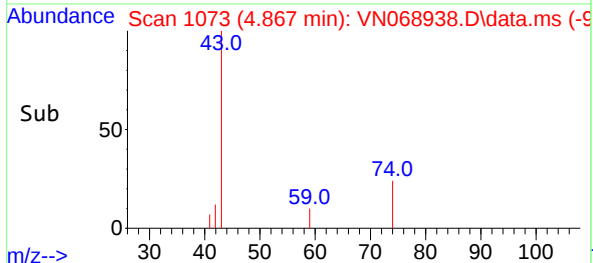
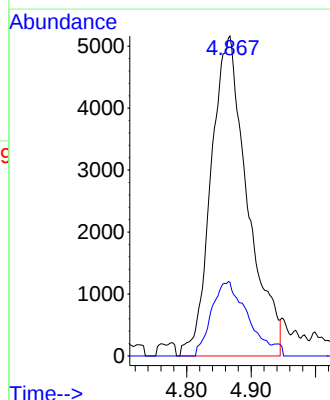
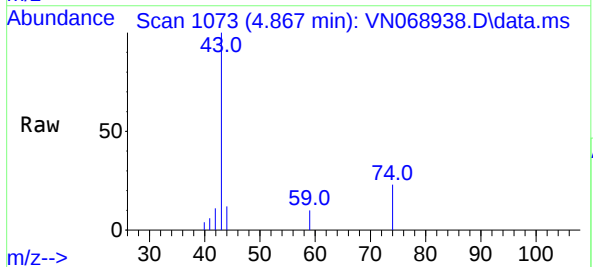
Instrument :
MSVOA_N
ClientSampled :
HAR-12

Tgt Ion:168 Resp: 363429
Ion Ratio Lower Upper
168 100
99 59.0 48.9 73.3



#18
Methyl Acetate
Concen: 2.986 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Tgt Ion: 43 Resp: 20255
Ion Ratio Lower Upper
43 100
74 22.6 18.9 28.3



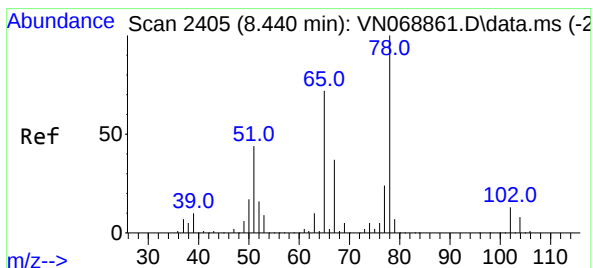
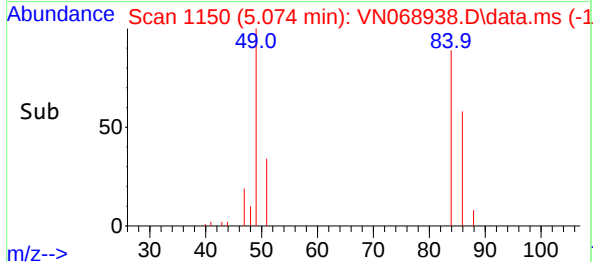
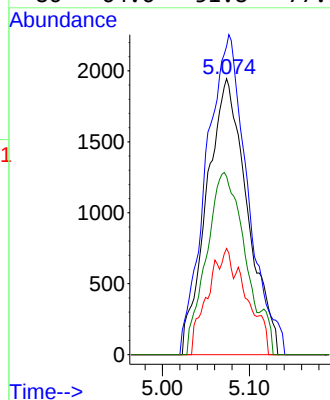
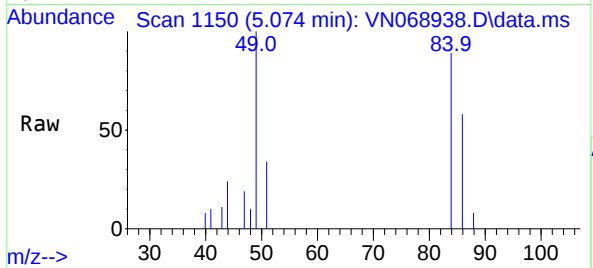


#20
Methylene Chloride
Concen: 1.530 ug/l
RT: 5.074 min Scan# 1150
Delta R.T. -0.022 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Instrument :
MSVOA_N
ClientSampleId :
HAR-12

Tgt Ion: 84 Resp: 6296

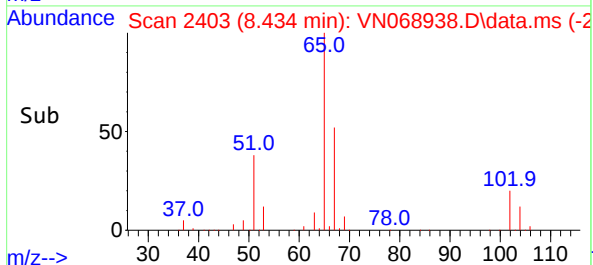
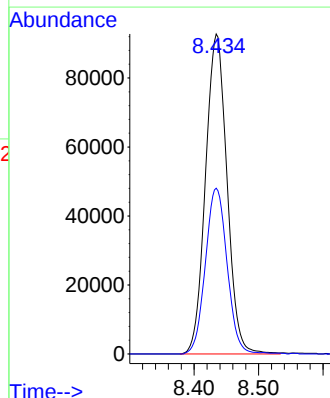
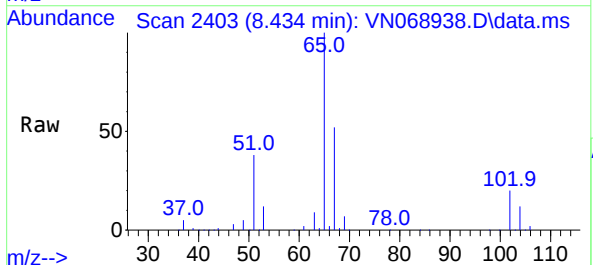
Ion	Ratio	Lower	Upper
84	100		
49	111.8	97.6	146.4
51	38.5	30.3	45.5
86	64.6	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 44.896 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Tgt Ion: 65 Resp: 215129

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.8

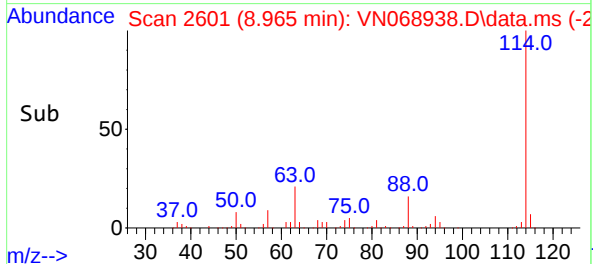
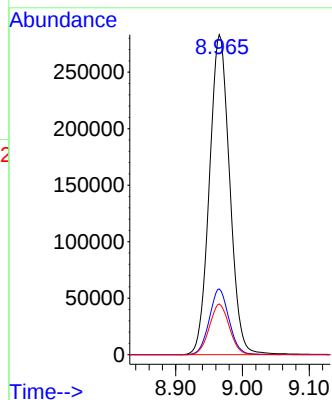
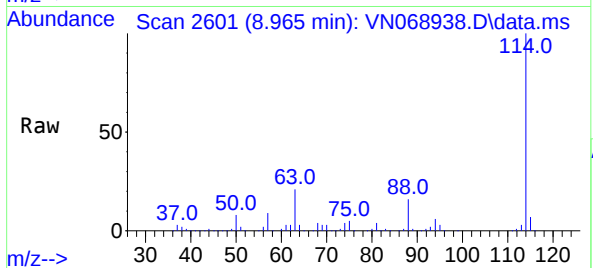




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

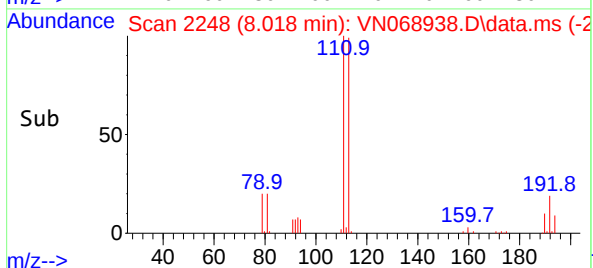
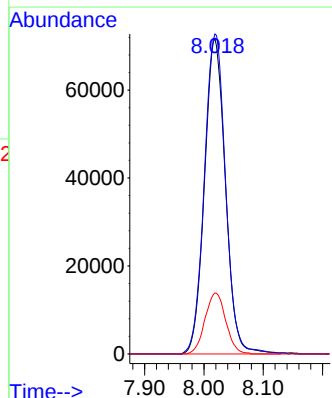
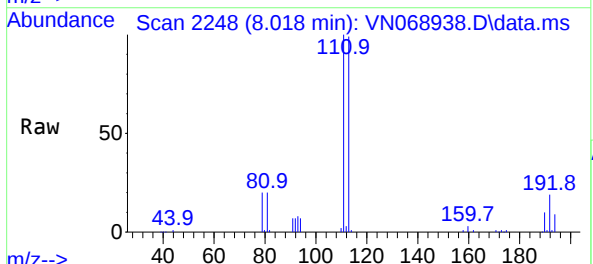
Instrument :
MSVOA_N
ClientSampled :
HAR-12

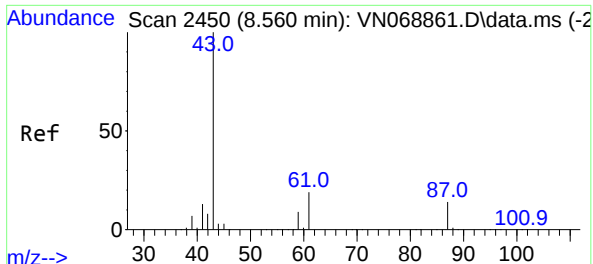
Tgt Ion:114 Resp: 596559
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.533 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Tgt Ion:113 Resp: 175392
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 19.2 15.0 22.4

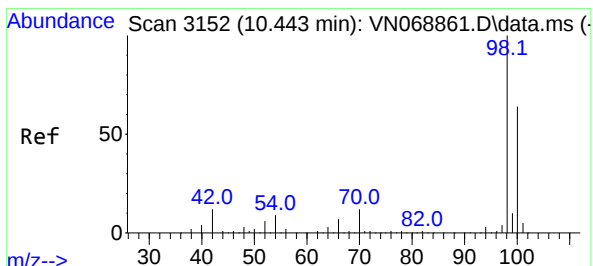
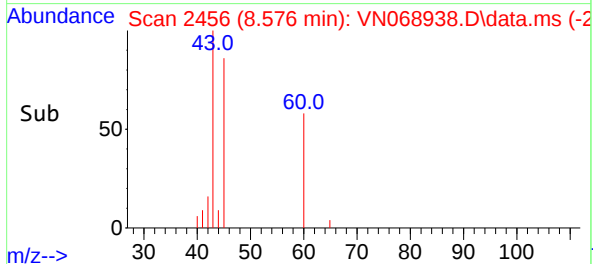
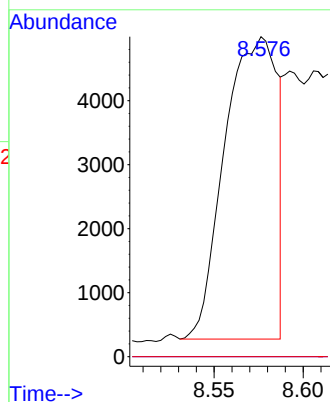
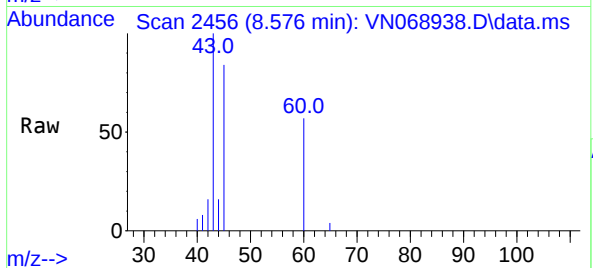




#43
Isopropyl Acetate
Concen: 1.046 ug/l
RT: 8.576 min Scan# 2456
Delta R.T. 0.016 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

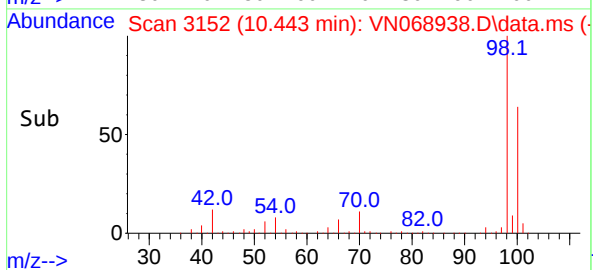
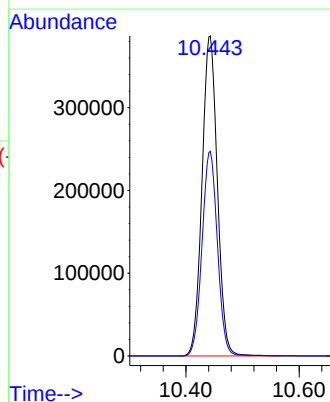
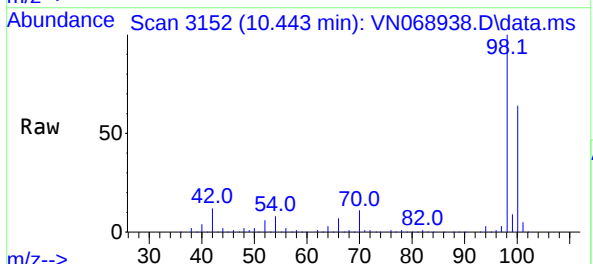
Instrument :
MSVOA_N
ClientSampled :
HAR-12

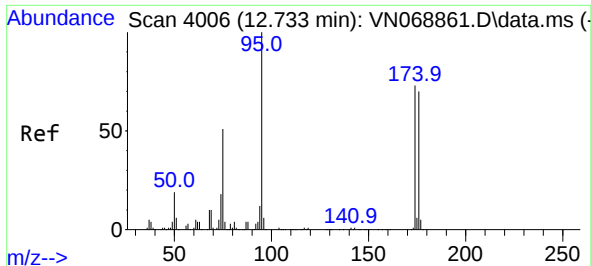
Tgt Ion: 43 Resp: 9709
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 52.361 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Tgt Ion: 98 Resp: 727159
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

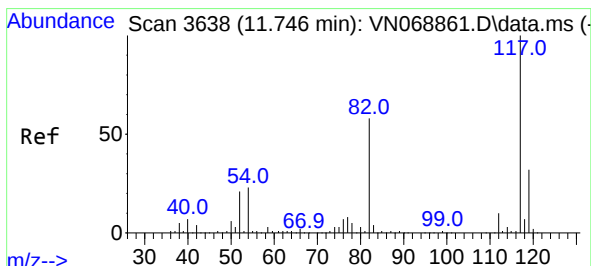
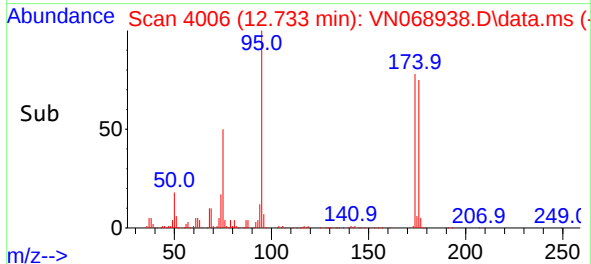
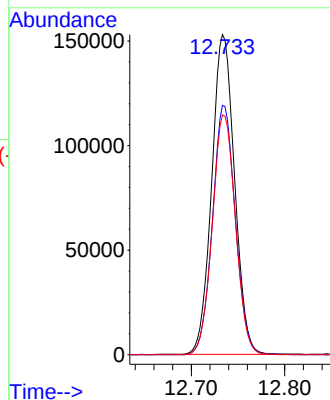
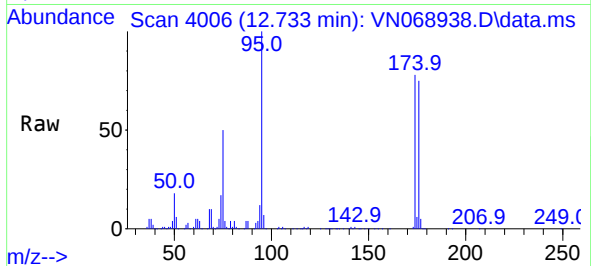




#62
4-Bromofluorobenzene
Concen: 49.600 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

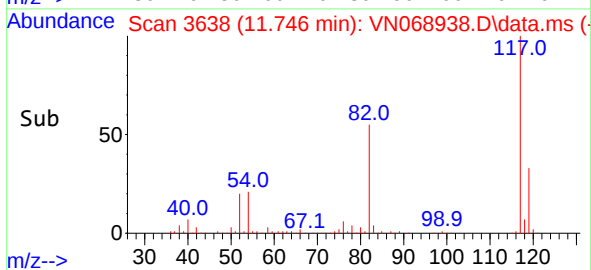
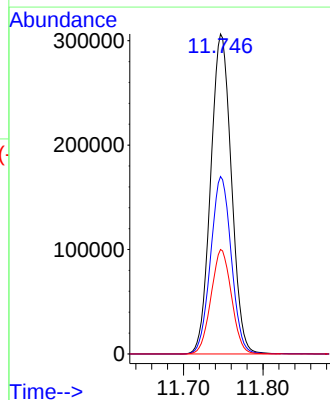
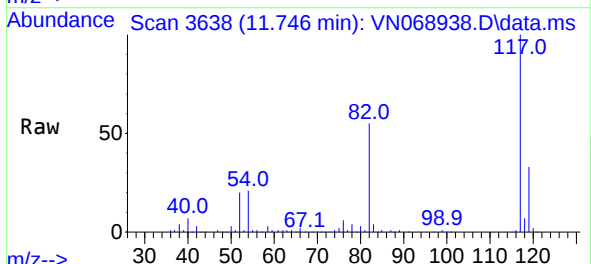
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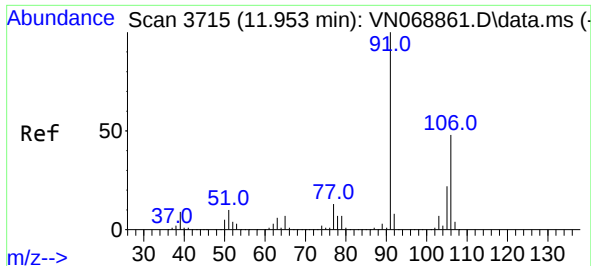
Tgt Ion: 95 Resp: 259884
Ion Ratio Lower Upper
95 100
174 78.2 0.0 144.8
176 75.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Tgt Ion: 117 Resp: 553540
Ion Ratio Lower Upper
117 100
82 55.4 46.4 69.6
119 32.7 26.0 39.0

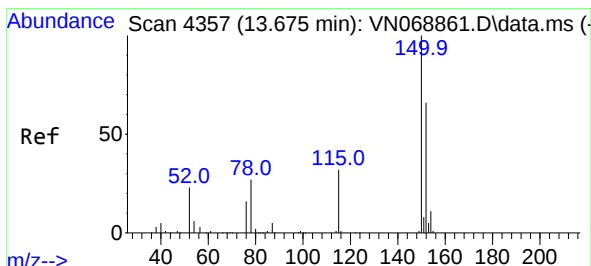
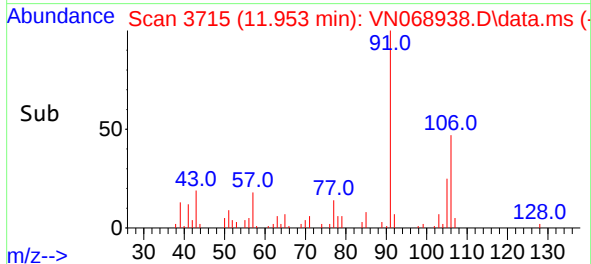
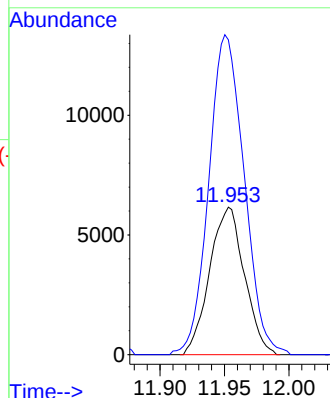
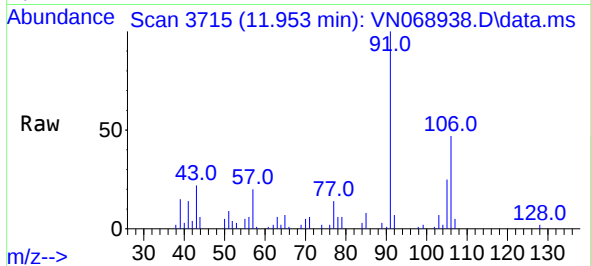




#68
m/p-Xylenes
Concen: 1.568 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

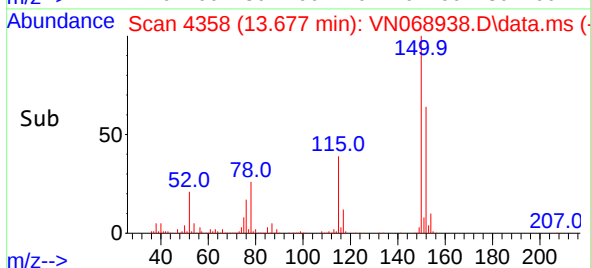
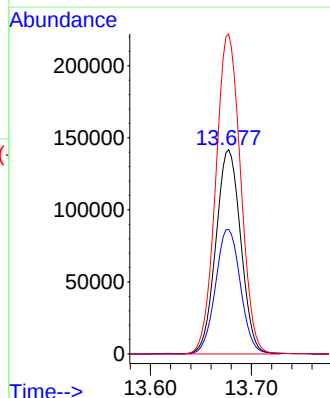
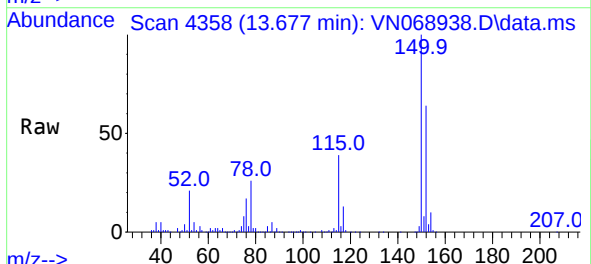
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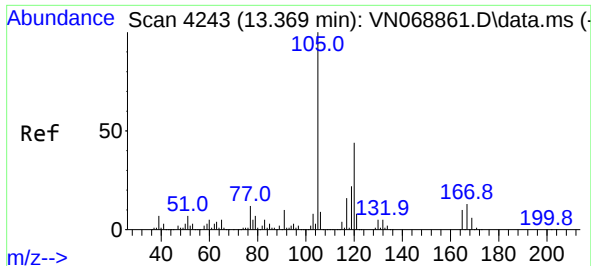
Tgt Ion:106 Resp: 11564
Ion Ratio Lower Upper
106 100
91 220.8 166.8 250.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Tgt Ion:152 Resp: 242077
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.3
150 157.0 0.0 351.0

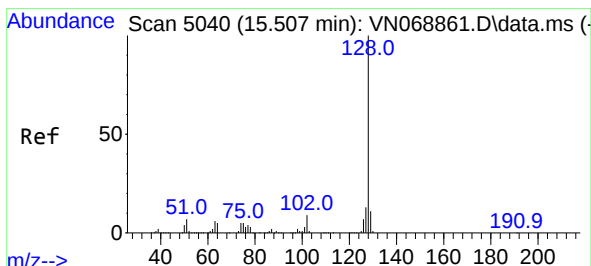
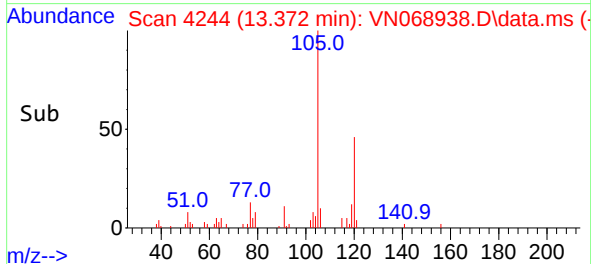
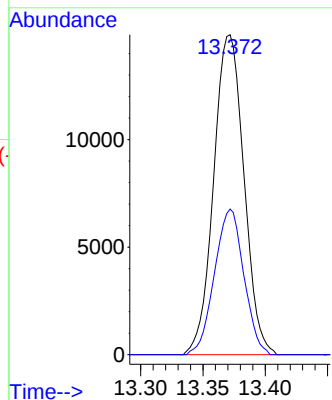
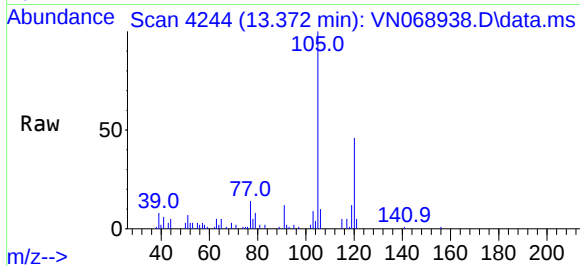




#84
1,2,4-Trimethylbenzene
Concen: 1.555 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Instrument :
MSVOA_N
ClientSampled :
HAR-12

Tgt Ion:105 Resp: 25144
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5



#95
Naphthalene
Concen: 12.870 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068938.D
Acq: 14 Oct 2021 20:52

Tgt Ion:128 Resp: 110163
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.6 8.9 13.3

