

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068953.D
 Acq On : 15 Oct 2021 16:46
 Operator : JC/MD
 Sample : M4195-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-SOILPILE

Quant Time: Oct 18 02:16:19 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)

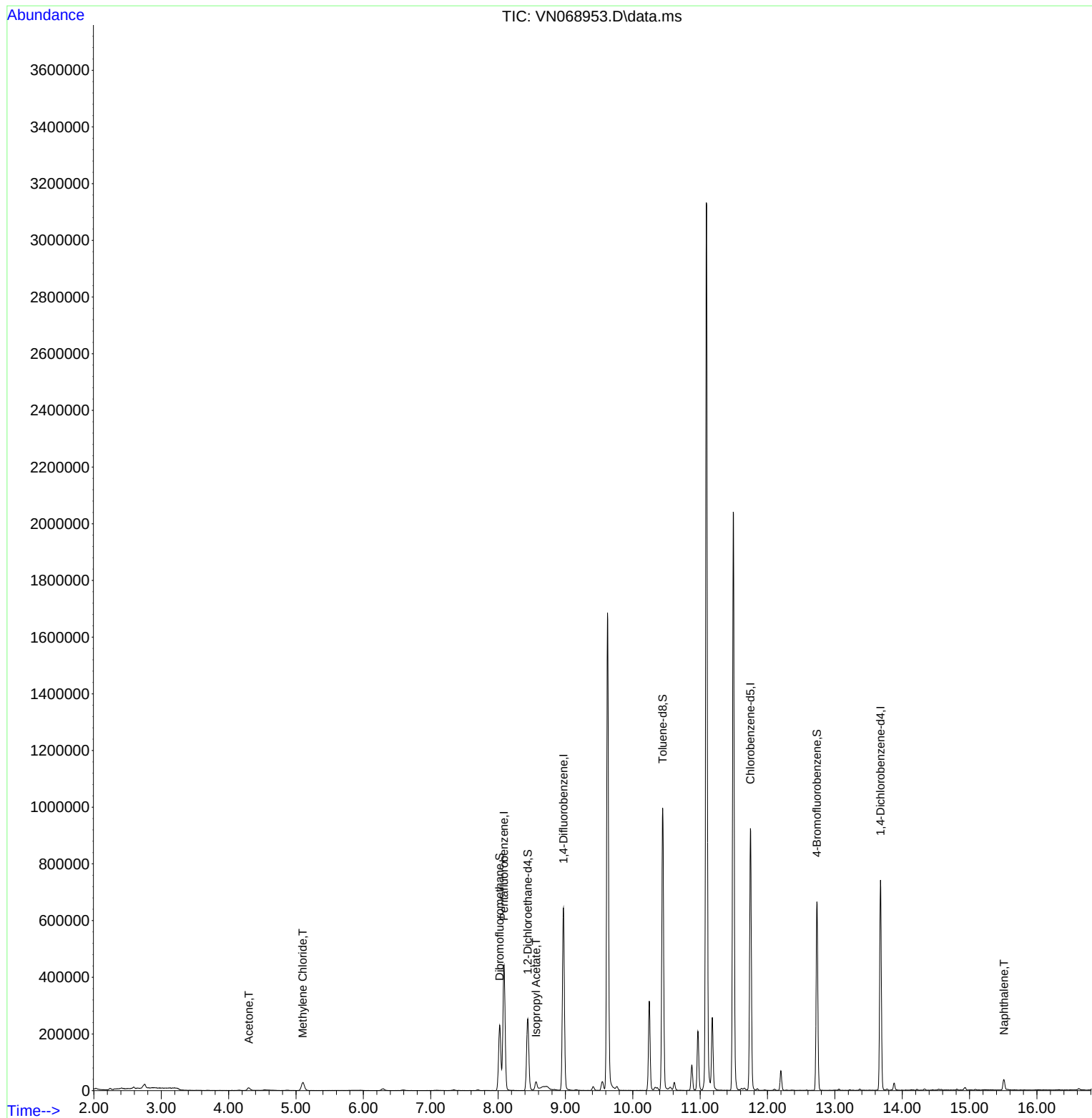
Internal Standards						
1) Pentafluorobenzene	8.088	168	335801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	577983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	540688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	198026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	214455	48.438	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.880%
35) Dibromofluoromethane	8.024	113	170728	50.770	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.540%
50) Toluene-d8	10.443	98	716588	53.258	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.733	95	247294	48.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.420%
Target Compounds						
					Qvalue	
16) Acetone	4.299	43	18869	11.420	ug/l	98
20) Methylene Chloride	5.101	84	23726	6.239	ug/l	98
43) Isopropyl Acetate	8.563	43	39658	4.408	ug/l #	89
95) Naphthalene	15.509	128	37589	7.590	ug/l	99

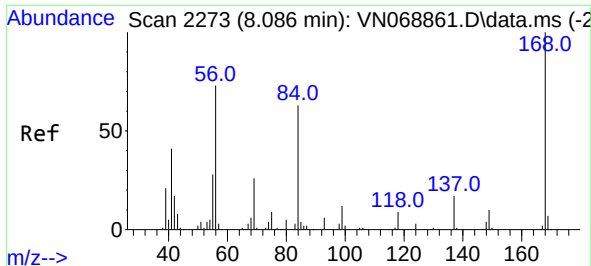
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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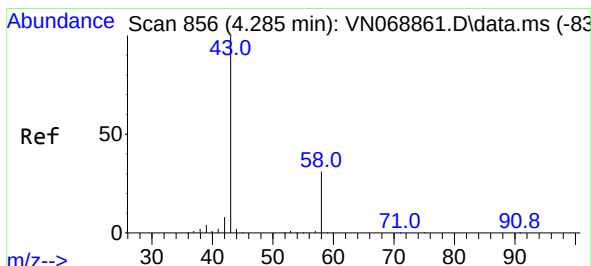
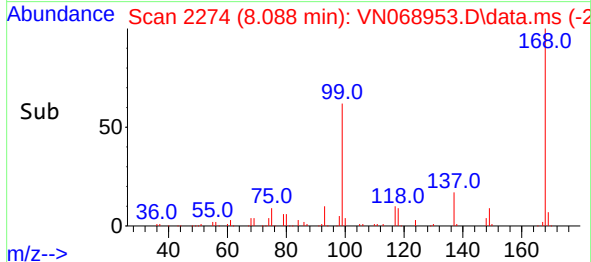
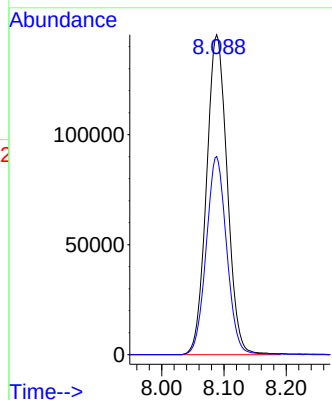
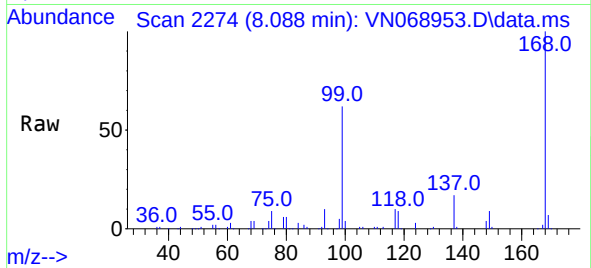




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

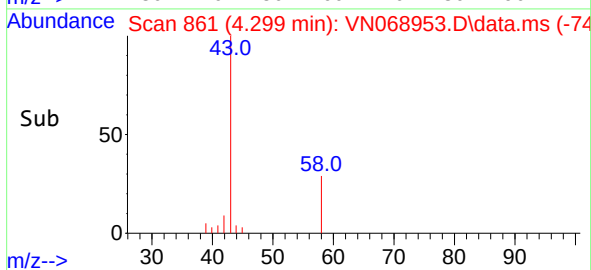
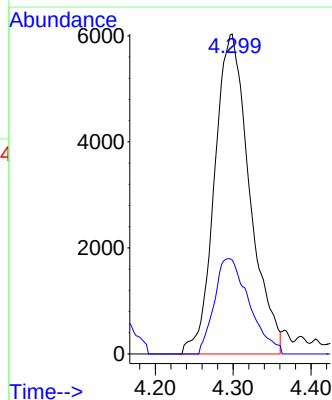
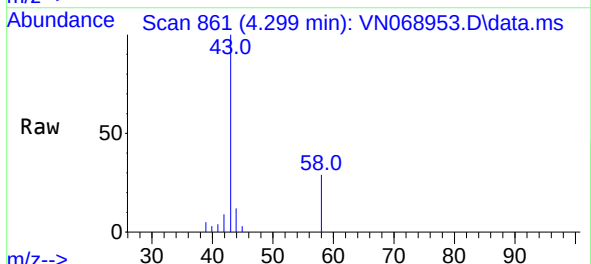
Instrument :
MSVOA_N
ClientSampleId :
HAR-SOILPILE

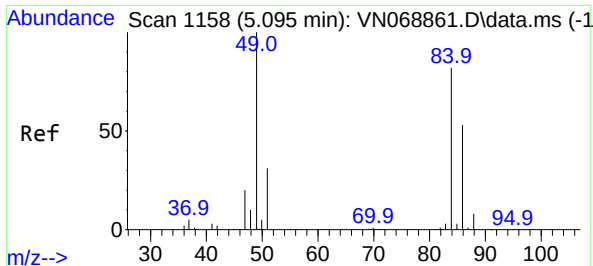
Tgt Ion:168 Resp: 335801
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#16
Acetone
Concen: 11.420 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

Tgt Ion: 43 Resp: 18869
Ion Ratio Lower Upper
43 100
58 29.4 24.5 36.7



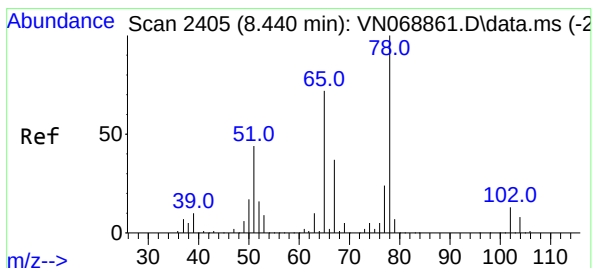
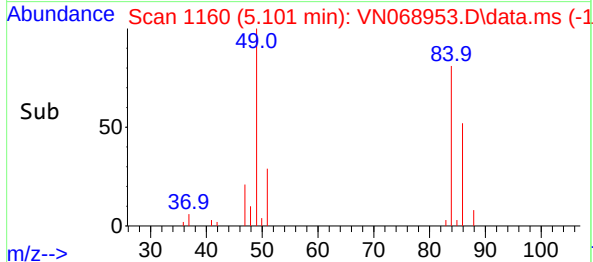
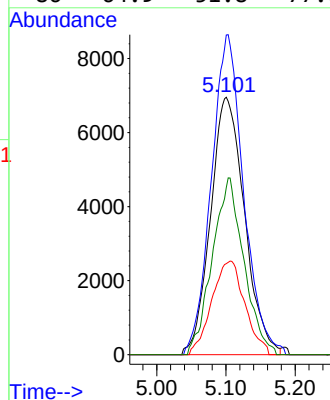
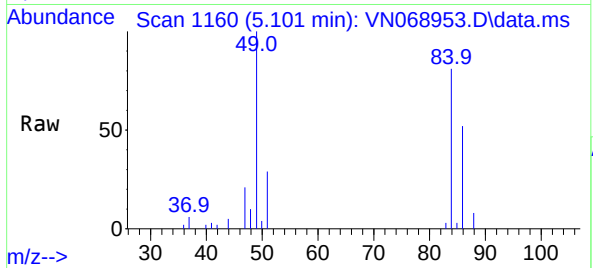


#20
Methylene Chloride
Concen: 6.239 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.005 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

Instrument :
MSVOA_N
ClientSampleId :
HAR-SOILPILE

Tgt Ion: 84 Resp: 23726

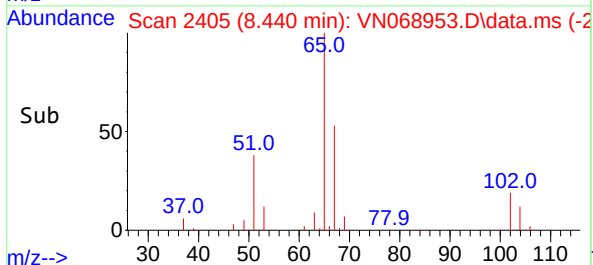
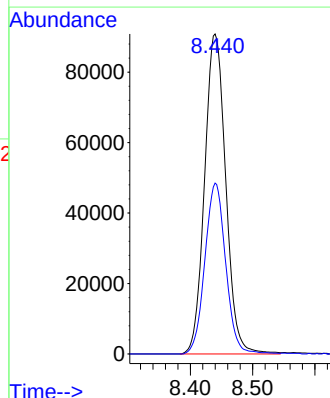
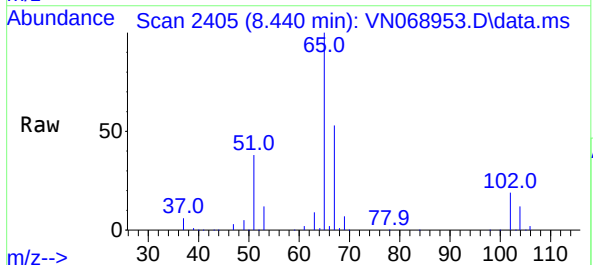
Ion	Ratio	Lower	Upper
84	100		
49	124.2	97.6	146.4
51	35.4	30.3	45.5
86	64.9	51.8	77.6

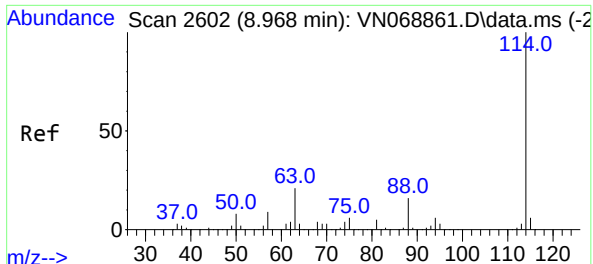


#33
1,2-Dichloroethane-d4
Concen: 48.438 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

Tgt Ion: 65 Resp: 214455

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.8

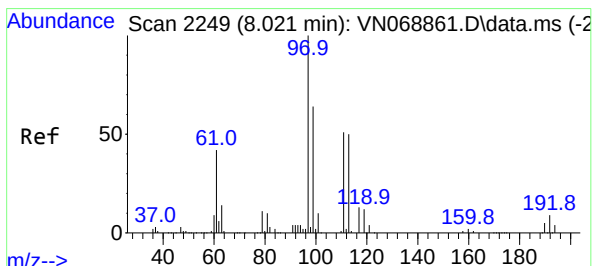
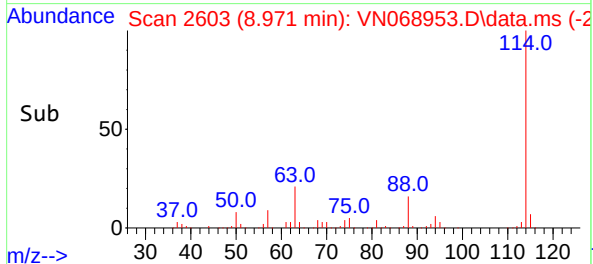
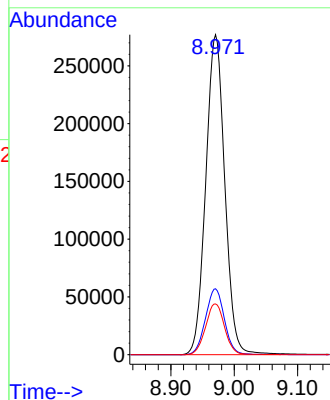
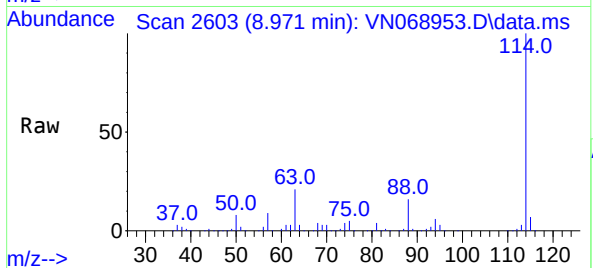




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

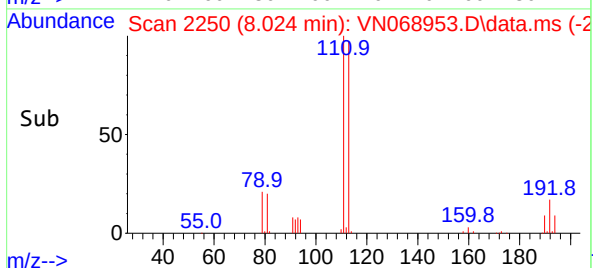
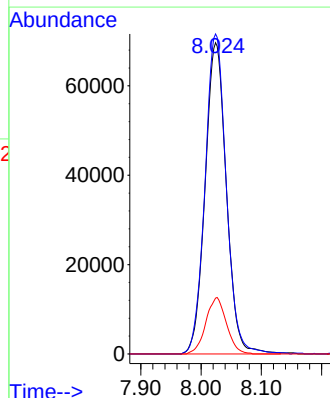
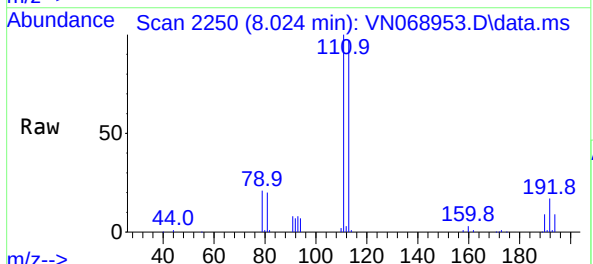
Instrument :
MSVOA_N
ClientSampleId :
HAR-SOILPILE

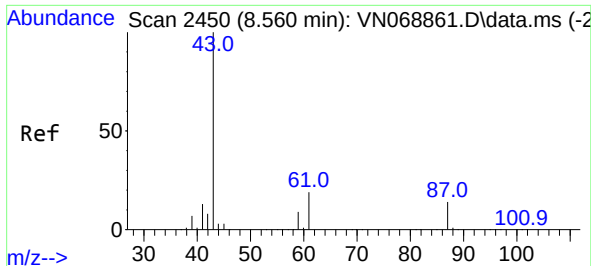
Tgt Ion:114 Resp: 577983
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.770 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

Tgt Ion:113 Resp: 170728
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 17.6 15.0 22.4

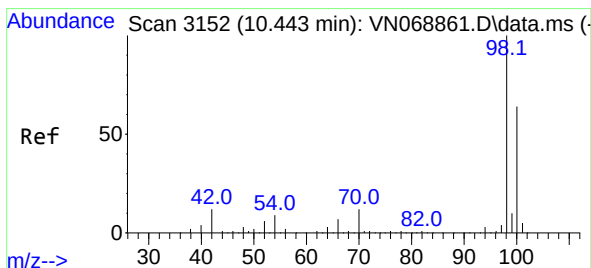
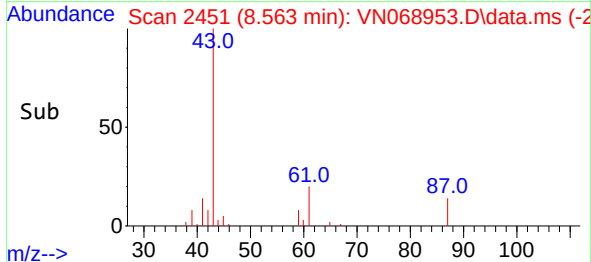
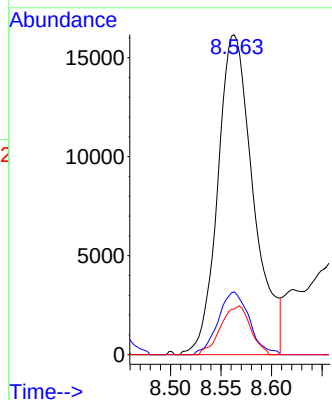
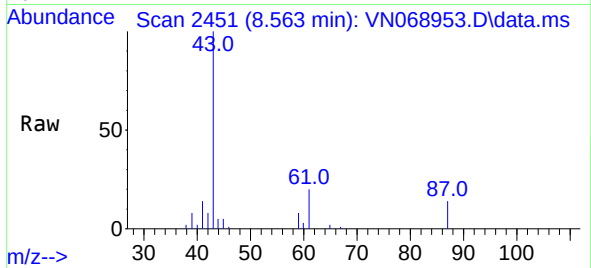




#43
Isopropyl Acetate
Concen: 4.408 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

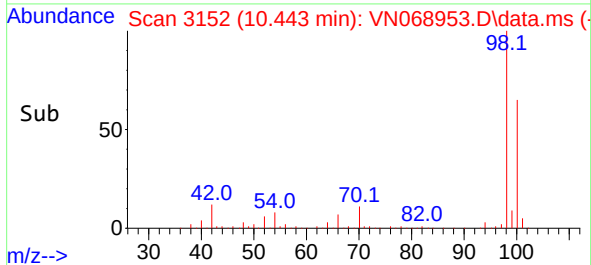
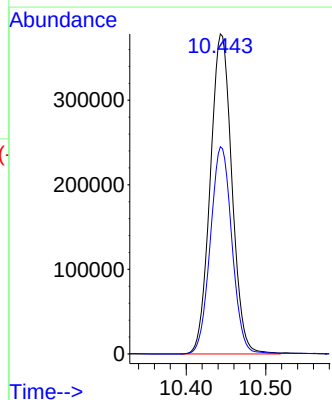
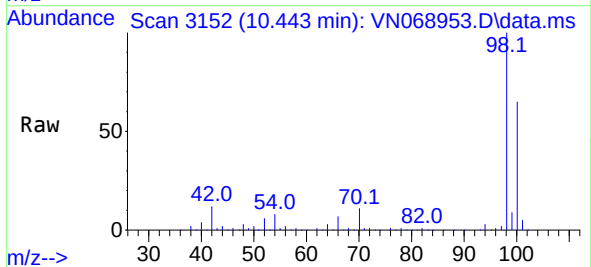
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ClientSampleId :
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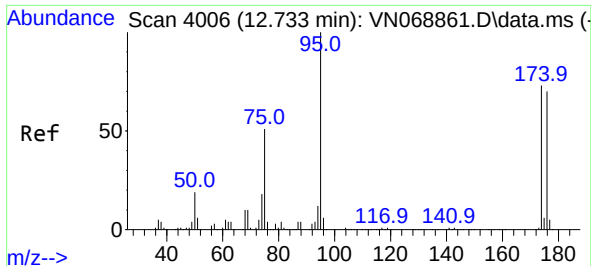
Tgt Ion: 43 Resp: 39658
Ion Ratio Lower Upper
43 100
61 17.1 20.4 30.6#
87 12.7 10.7 16.1



#50
Toluene-d8
Concen: 53.258 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

Tgt Ion: 98 Resp: 716588
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

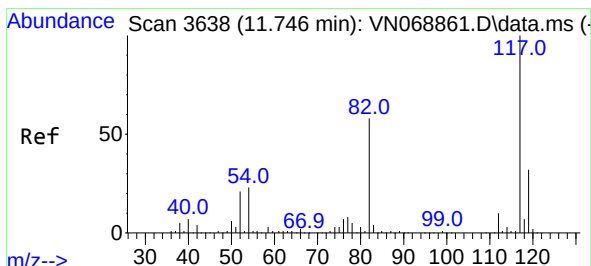
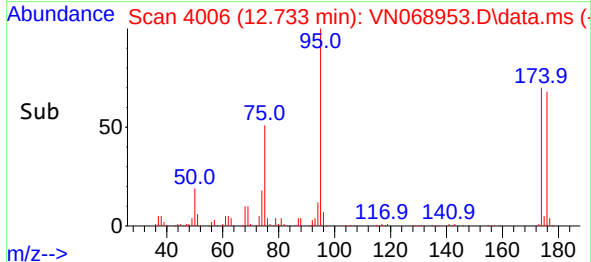
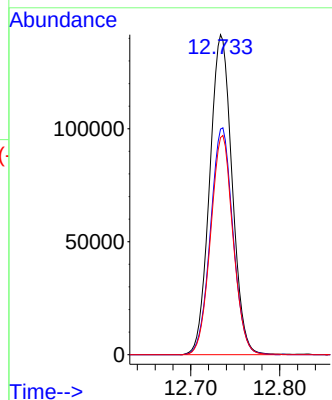
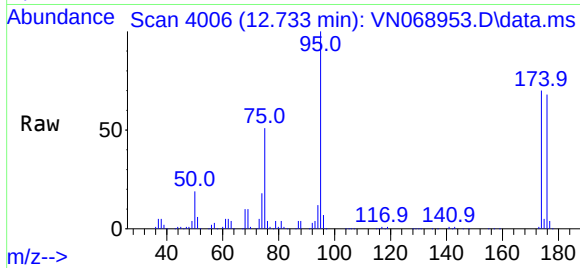




#62
4-Bromofluorobenzene
Concen: 48.715 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

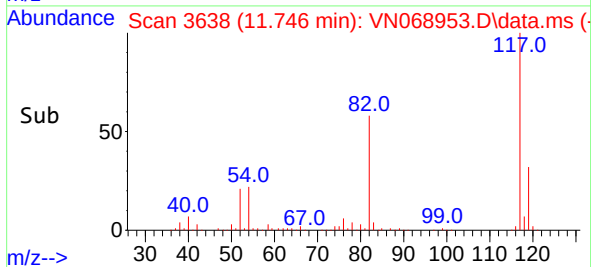
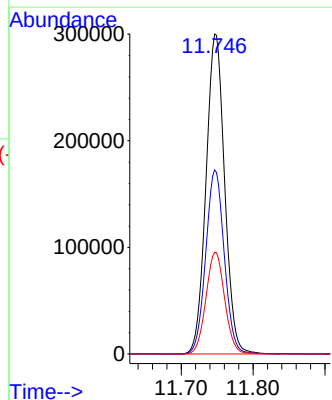
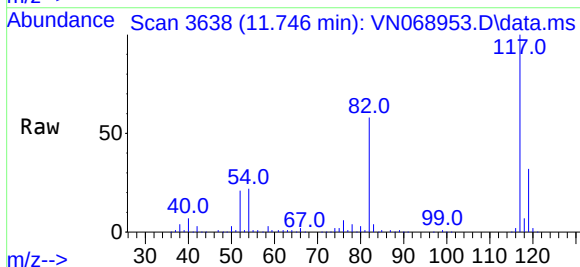
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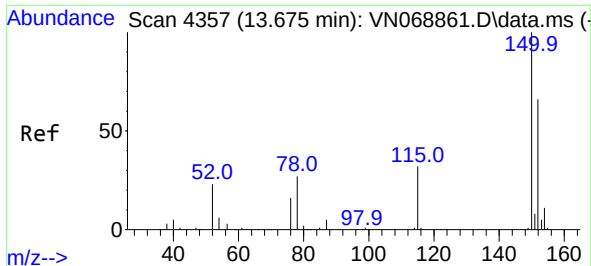
Tgt Ion: 95 Resp: 247294
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.8
176 68.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

Tgt Ion: 117 Resp: 540688
Ion Ratio Lower Upper
117 100
82 57.5 46.4 69.6
119 31.8 26.0 39.0

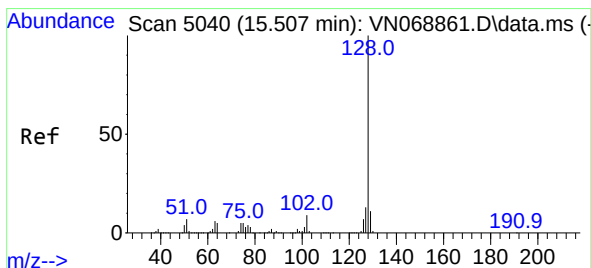
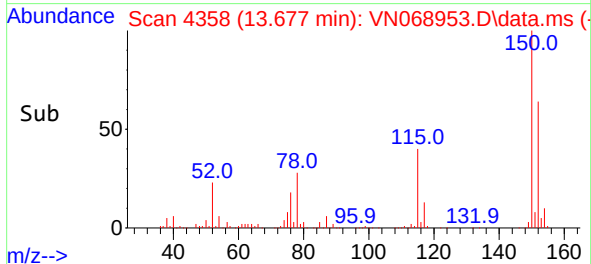
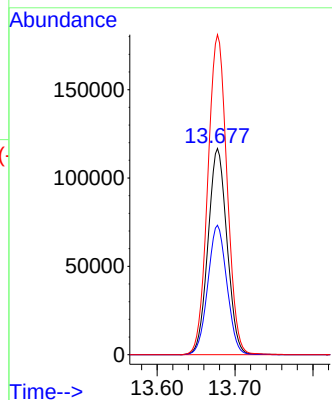
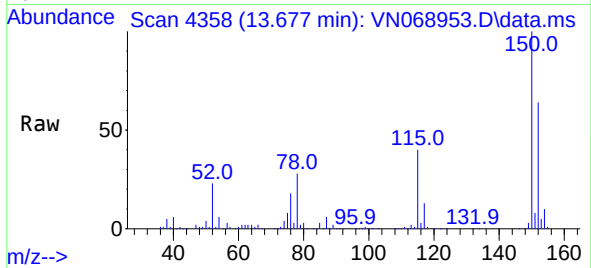




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 198026
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.3
150 156.7 0.0 351.0



#95
Naphthalene
Concen: 7.590 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068953.D
Acq: 15 Oct 2021 16:46

Tgt Ion:128 Resp: 37589
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.7 8.9 13.3

