

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068954.D
 Acq On : 15 Oct 2021 17:12
 Operator : JC/MD
 Sample : M4202-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-1-DEPTH-SOILPILE-BOTTOM

Quant Time: Oct 18 02:16:29 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)

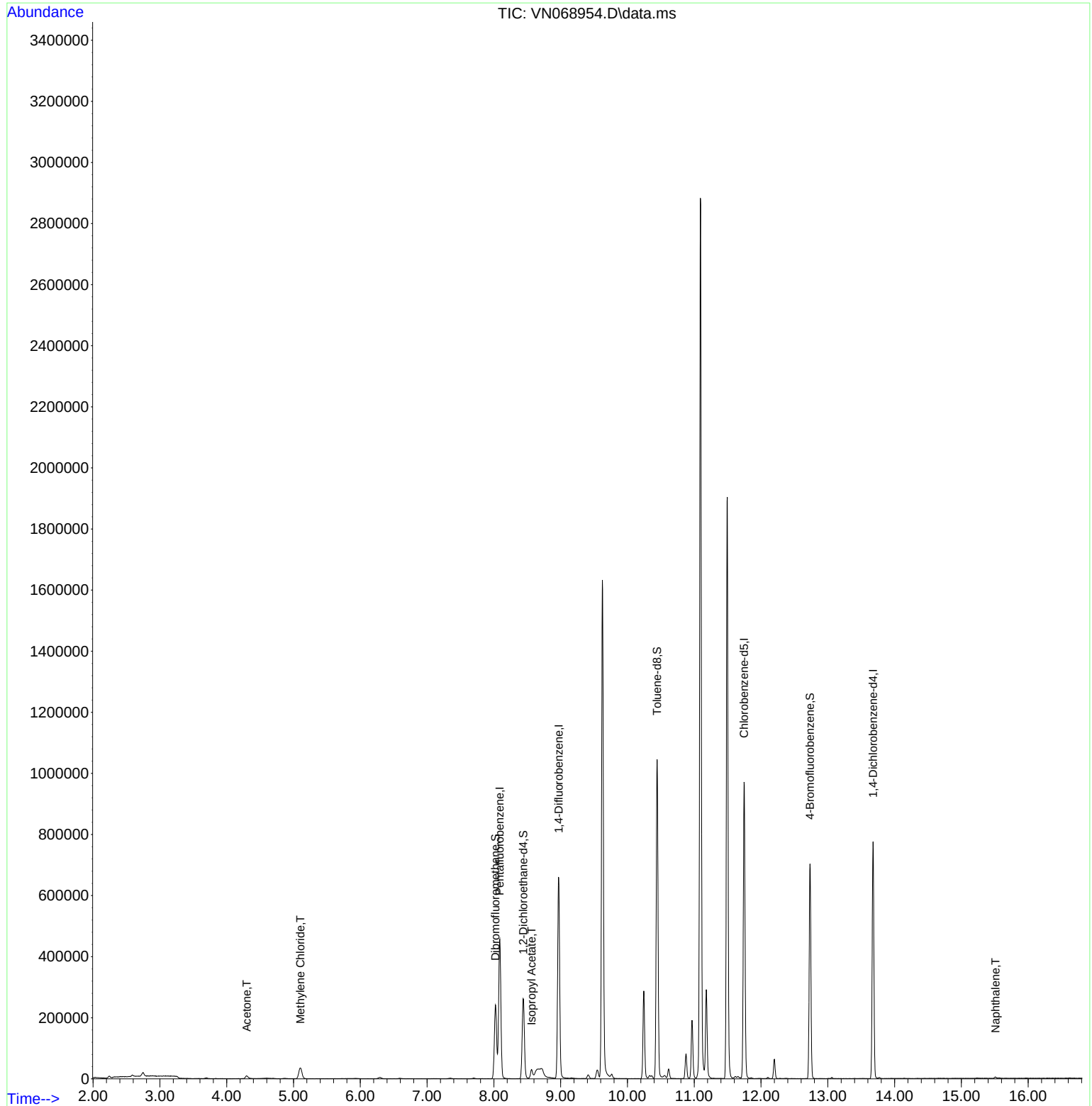
Internal Standards						
1) Pentafluorobenzene	8.088	168	348263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	598327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	570914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	207514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	222661	48.492	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.980%
35) Dibromofluoromethane	8.024	113	178805	51.364	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.720%
50) Toluene-d8	10.443	98	753792	54.119	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.240%
62) 4-Bromofluorobenzene	12.733	95	261630	49.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.580%
Target Compounds						
16) Acetone	4.299	43	17391	10.149	ug/l	96
20) Methylene Chloride	5.103	84	30700	7.784	ug/l	96
43) Isopropyl Acetate	8.563	43	36245	3.892	ug/l #	89
95) Naphthalene	15.509	128	4971	4.289	ug/l #	93

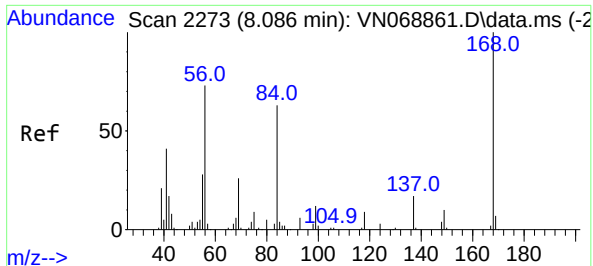
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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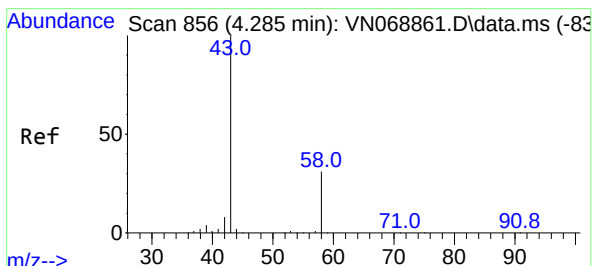
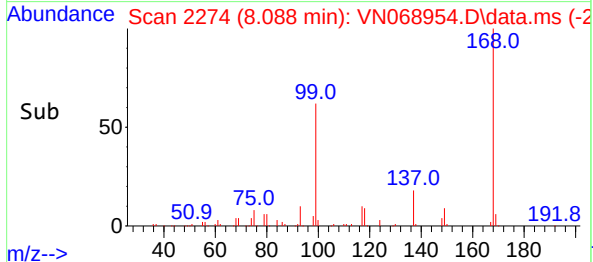
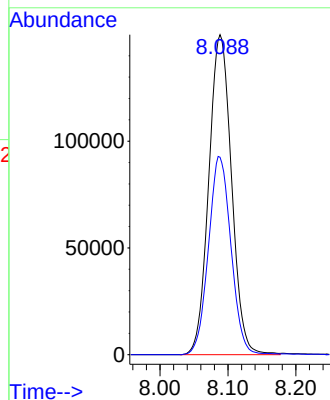
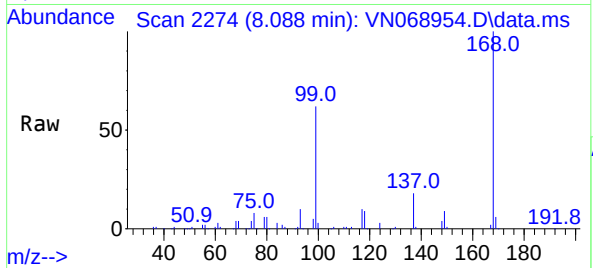




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

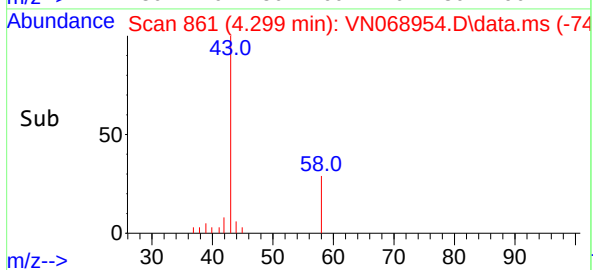
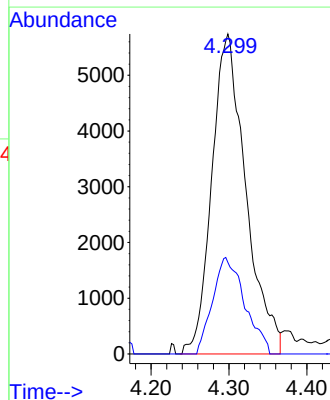
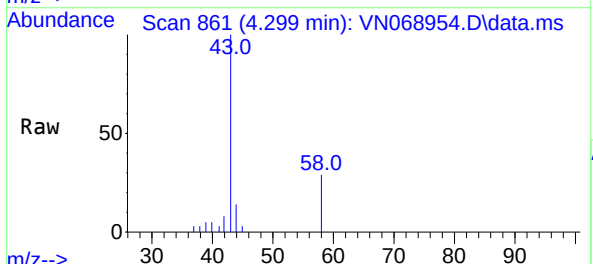
Instrument :
MSVOA_N
ClientSampleId :
CS-1-DEPTH-SOILPILE-BOTTOM

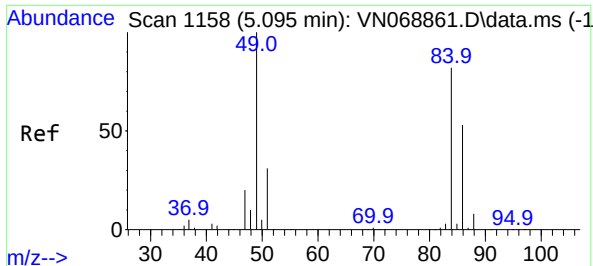
Tgt Ion:168 Resp: 348263
Ion Ratio Lower Upper
168 100
99 61.7 48.9 73.3



#16
Acetone
Concen: 10.149 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

Tgt Ion: 43 Resp: 17391
Ion Ratio Lower Upper
43 100
58 28.6 24.5 36.7



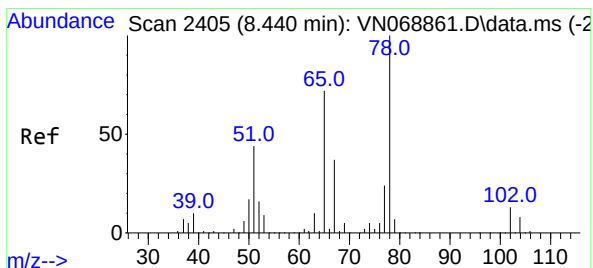
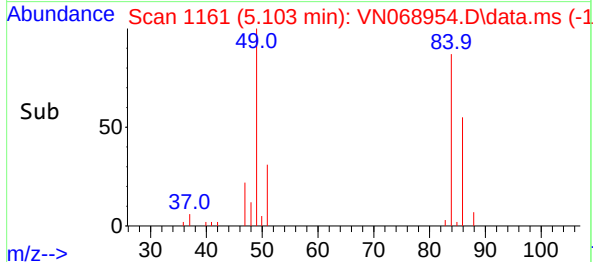
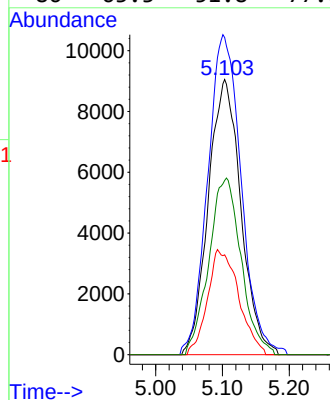
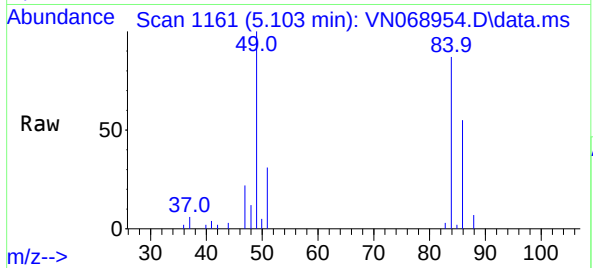


#20
Methylene Chloride
Concen: 7.784 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :
CS-1-DEPTH-SOILPILE-BOTTOM

Tgt Ion: 84 Resp: 30700

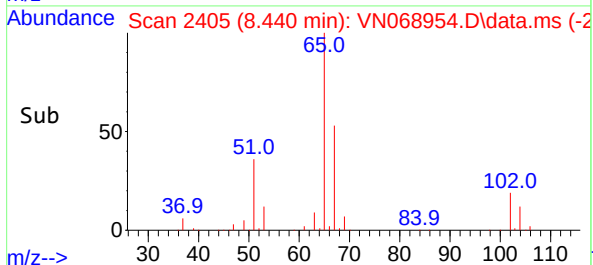
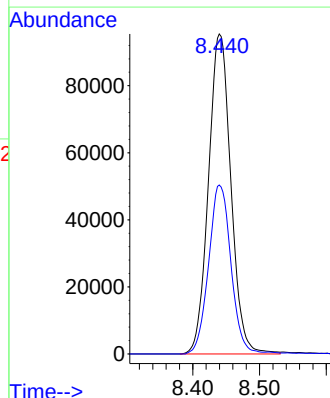
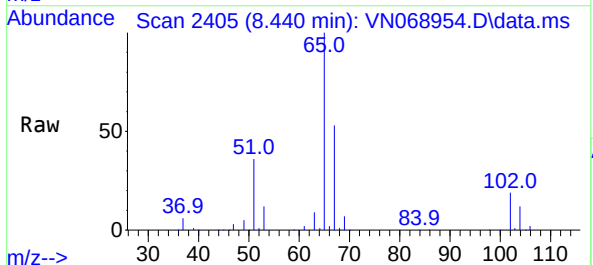
Ion	Ratio	Lower	Upper
84	100		
49	115.2	97.6	146.4
51	36.3	30.3	45.5
86	63.3	51.8	77.6

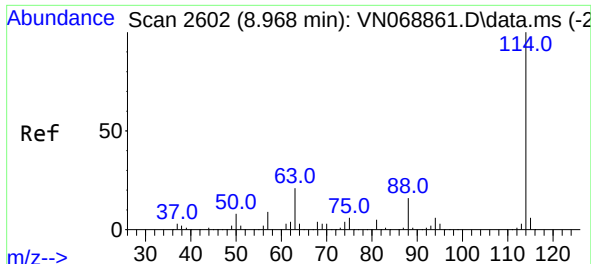


#33
1,2-Dichloroethane-d4
Concen: 48.492 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

Tgt Ion: 65 Resp: 222661

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.8

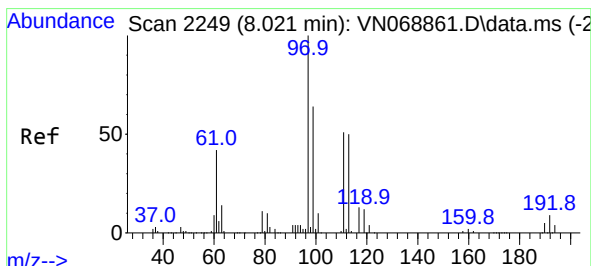
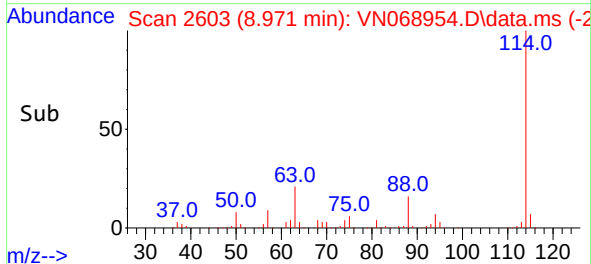
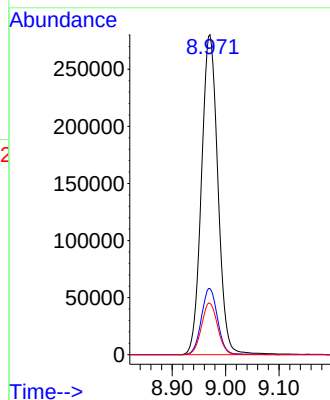
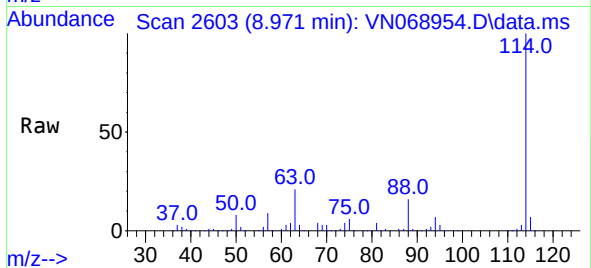




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

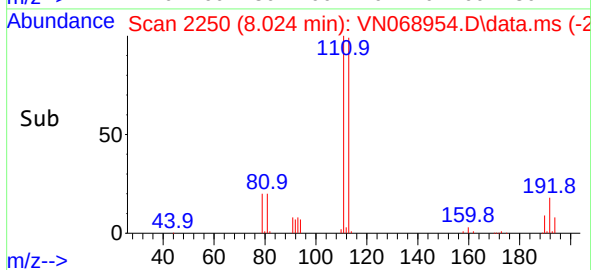
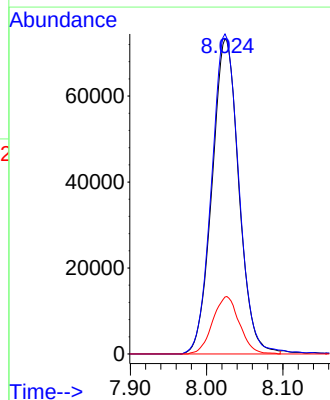
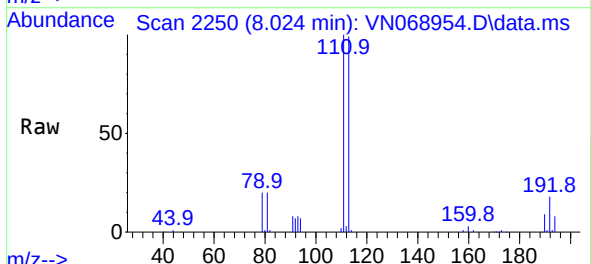
Instrument :
MSVOA_N
ClientSampleId :
CS-1-DEPTH-SOILPILE-BOTTOM

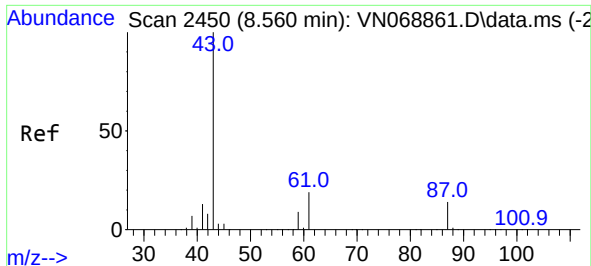
Tgt Ion:114 Resp: 598327
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.364 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

Tgt Ion:113 Resp: 178805
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 18.2 15.0 22.4

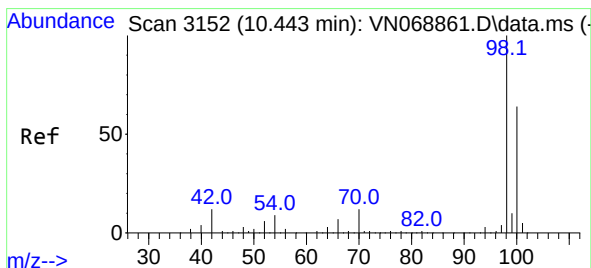
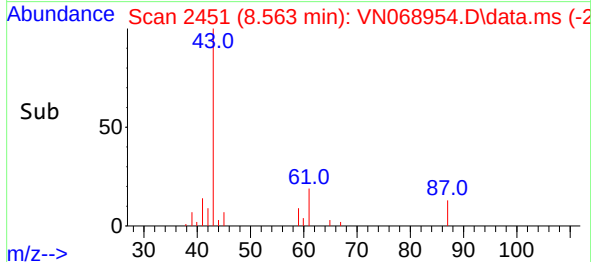
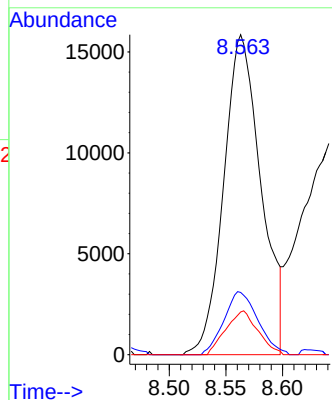
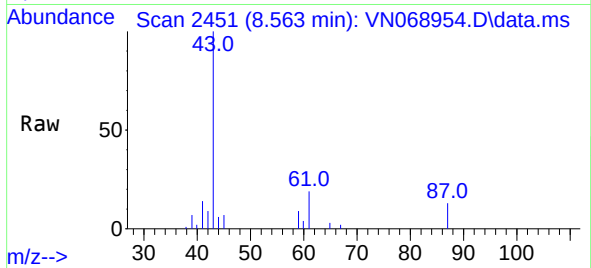




#43
Isopropyl Acetate
Concen: 3.892 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

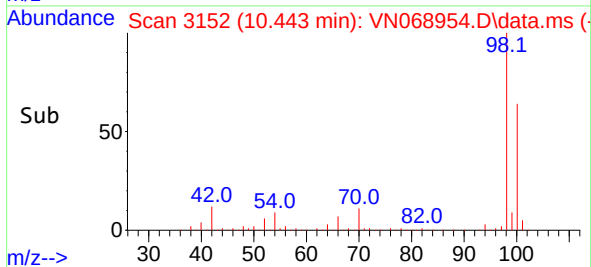
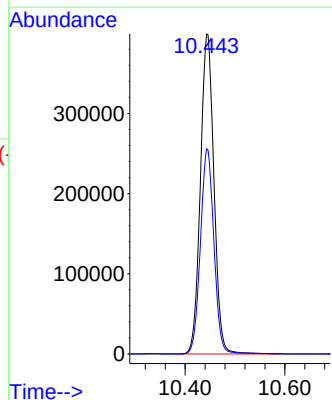
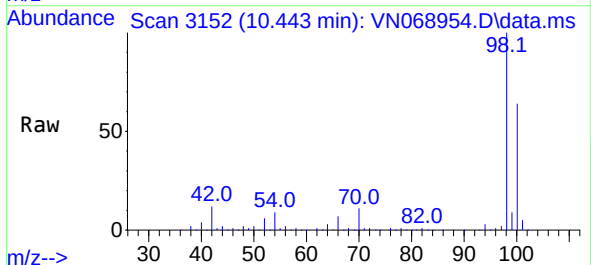
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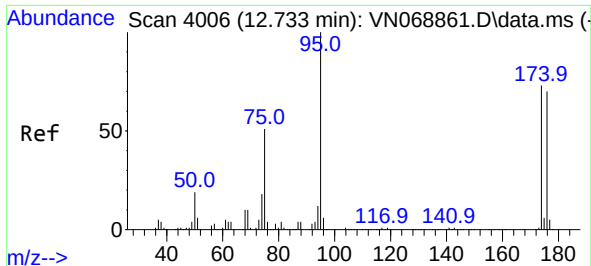
Tgt Ion: 43 Resp: 36245
Ion Ratio Lower Upper
43 100
61 18.0 20.4 30.6#
87 11.8 10.7 16.1



#50
Toluene-d8
Concen: 54.119 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

Tgt Ion: 98 Resp: 753792
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

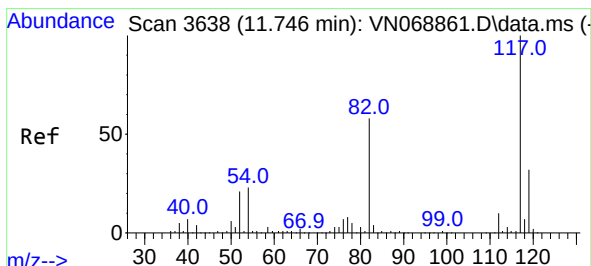
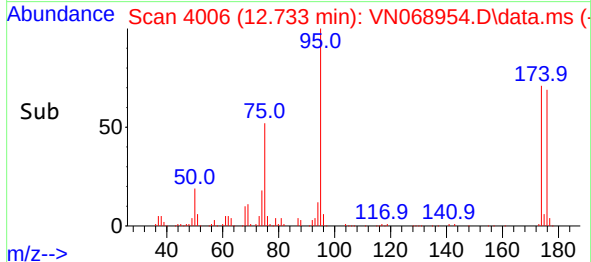
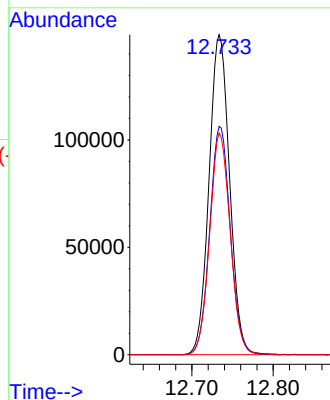
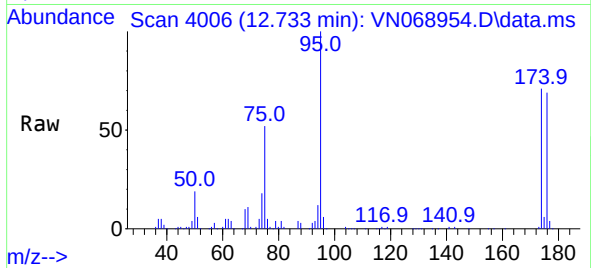




#62
4-Bromofluorobenzene
Concen: 49.786 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

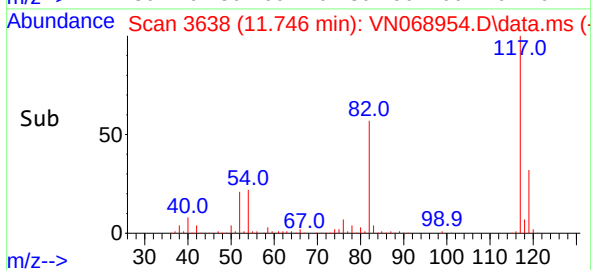
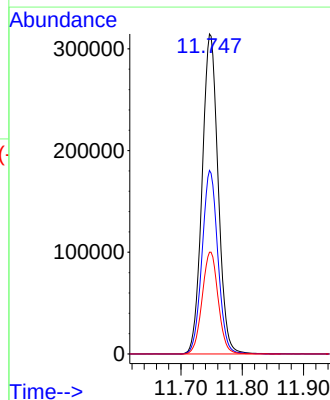
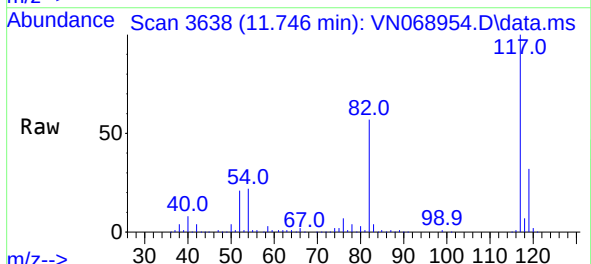
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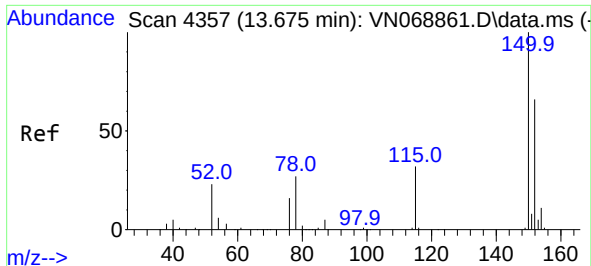
Tgt Ion: 95 Resp: 261630
Ion Ratio Lower Upper
95 100
174 71.6 0.0 144.8
176 68.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

Tgt Ion: 117 Resp: 570914
Ion Ratio Lower Upper
117 100
82 57.3 46.4 69.6
119 31.8 26.0 39.0

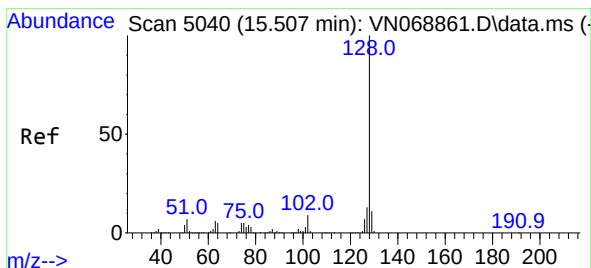
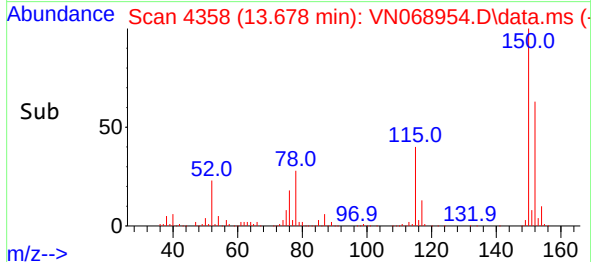
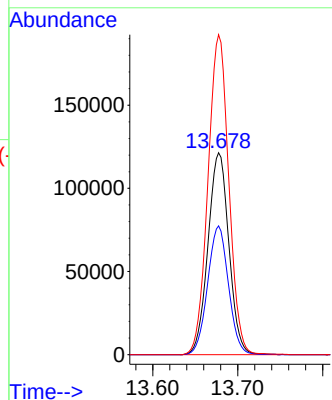
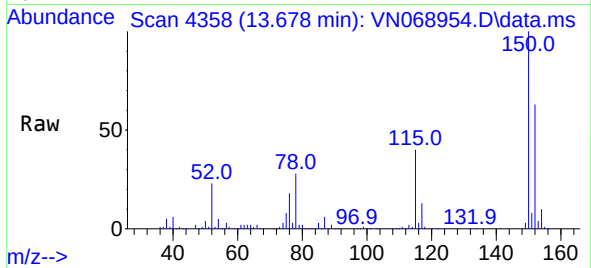




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

Instrument :
MSVOA_N
ClientSampleId :
CS-1-DEPTH-SOILPILE-BOTTOM

Tgt Ion:152 Resp: 207514
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.3
150 157.7 0.0 351.0



#95
Naphthalene
Concen: 4.289 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068954.D
Acq: 15 Oct 2021 17:12

Tgt Ion:128 Resp: 4971
Ion Ratio Lower Upper
128 100
127 8.6 10.5 15.7#
129 10.1 8.9 13.3

