

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070360.D
 Acq On : 29 Dec 2021 20:06
 Operator : JC/MD
 Sample : M5092-06
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PATAPSCO-FEED-SLUDGE

Quant Time: Dec 30 01:52:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

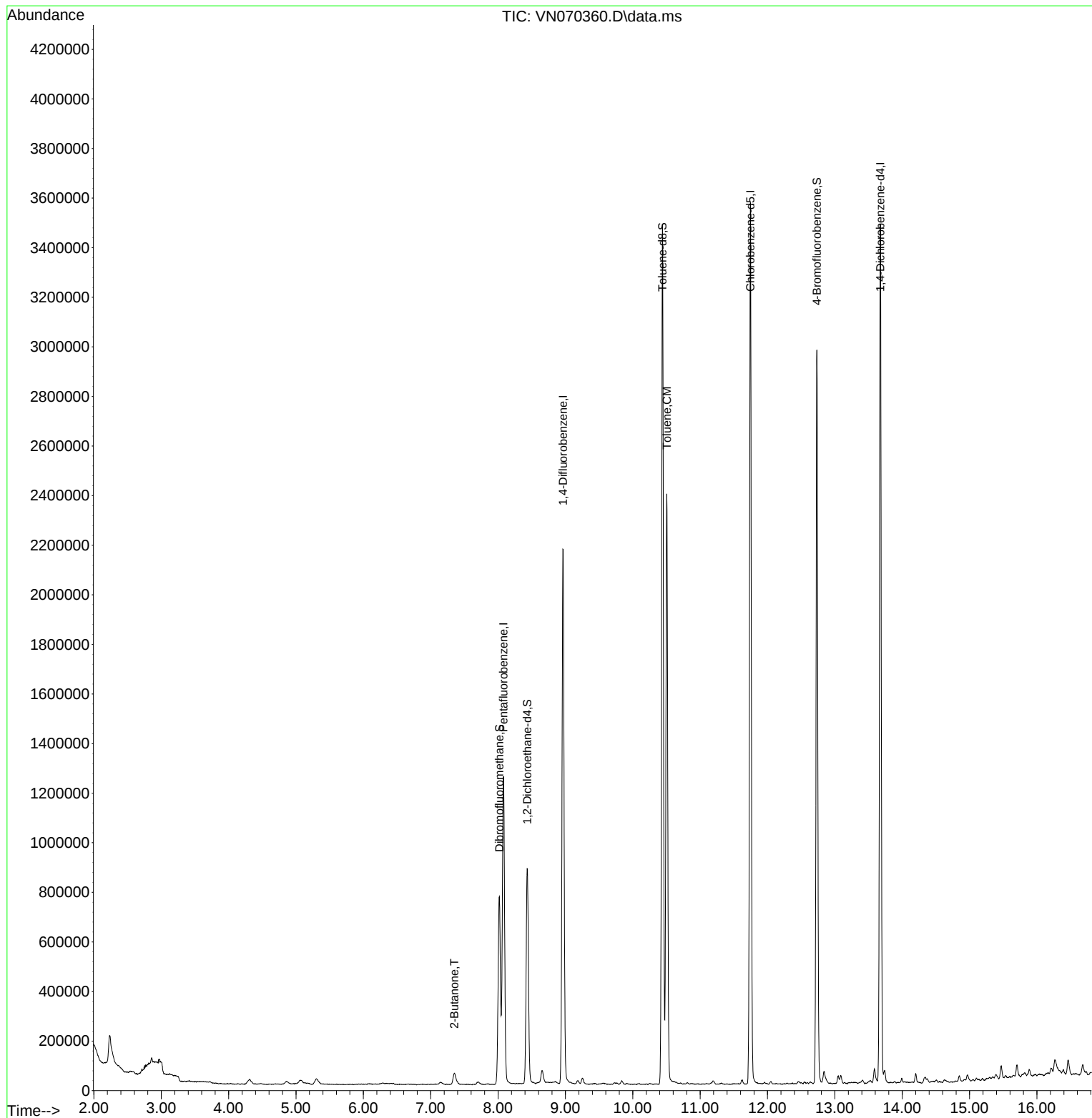
Internal Standards						
1) Pentafluorobenzene	8.080	168	965625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1872042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2013207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	931809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	742860	53.505	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.020%	
35) Dibromofluoromethane	8.018	113	568839	50.221	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.440%	
50) Toluene-d8	10.440	98	2375556	51.340	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.733	95	1020876	61.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 122.180%	
Target Compounds						Qvalue
25) 2-Butanone	7.351	43	90019	7.932	ug/l	90
52) Toluene	10.505	92	1023355	29.431	ug/l	98

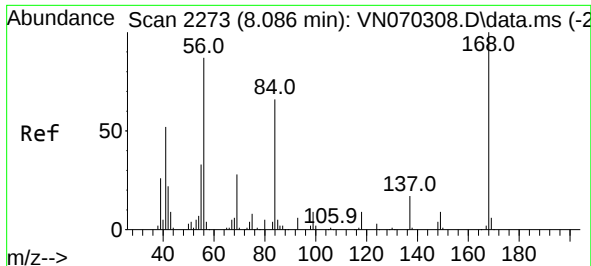
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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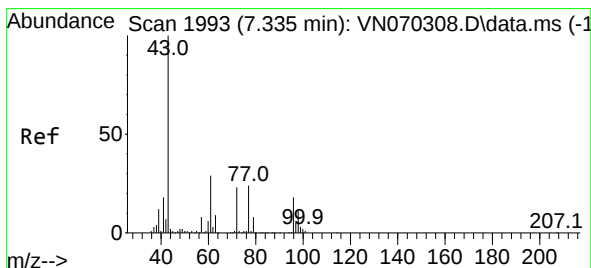
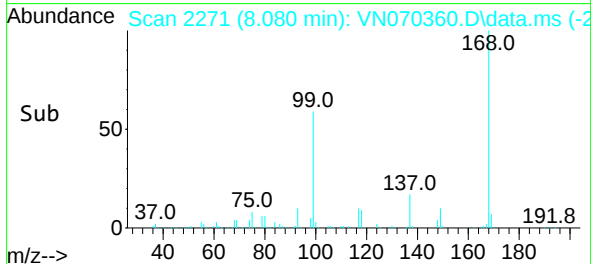
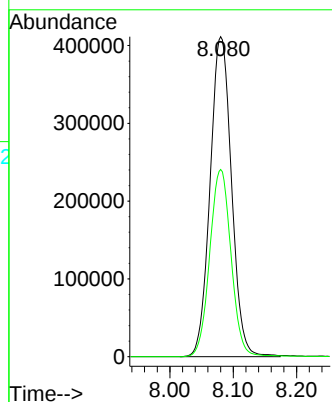
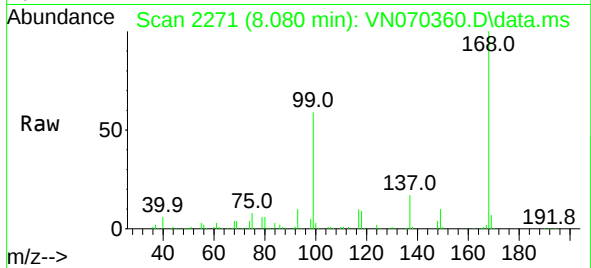




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

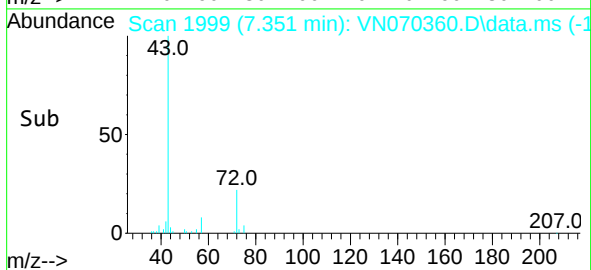
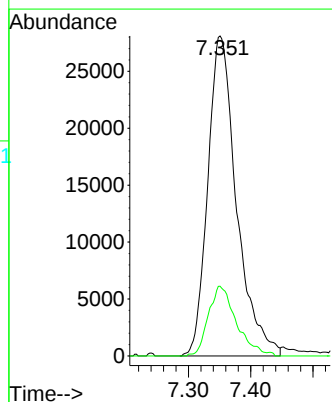
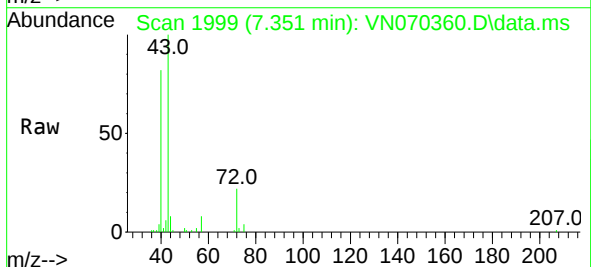
Instrument :
MSVOA_N
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PATAPSCO-FEED-SLUDGE

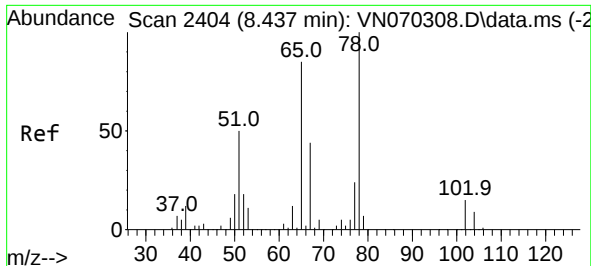
Tgt Ion:168 Resp: 965625
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#25
2-Butanone
Concen: 7.932 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

Tgt Ion: 43 Resp: 90019
Ion Ratio Lower Upper
43 100
72 21.8 21.7 32.5

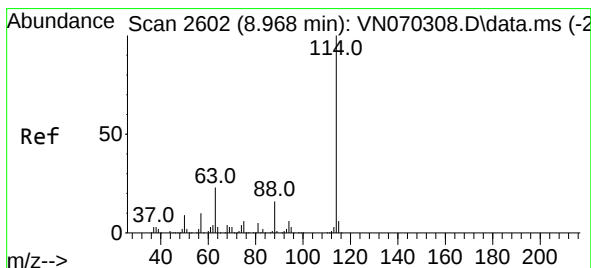
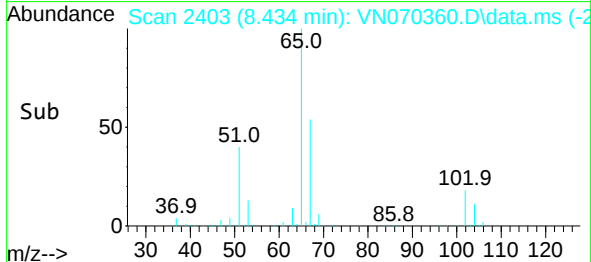
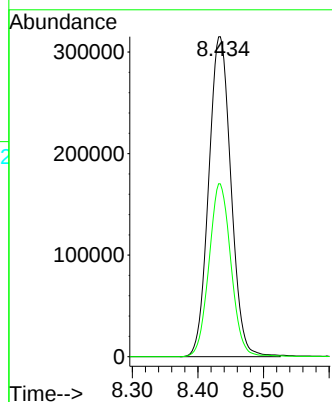
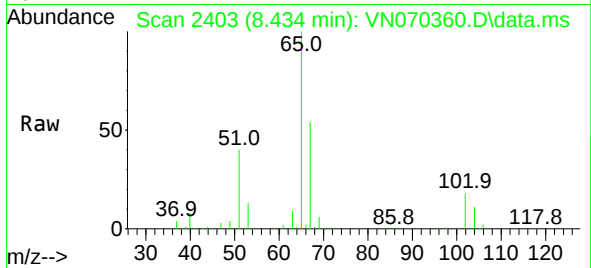




#33
1,2-Dichloroethane-d4
Concen: 53.505 ug/l
RT: 8.434 min Scan# 24
Delta R.T. -0.003 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

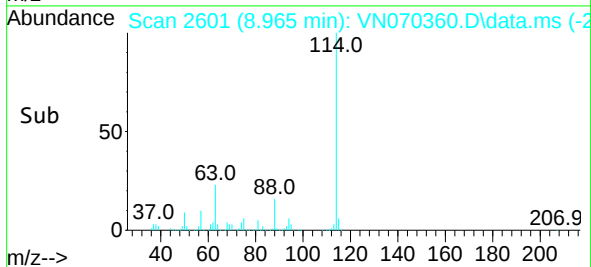
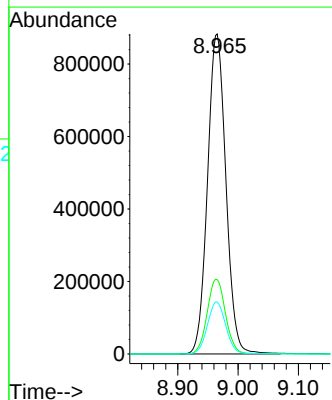
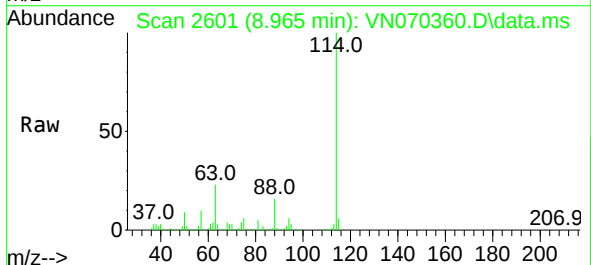
Instrument :
MSVOA_N
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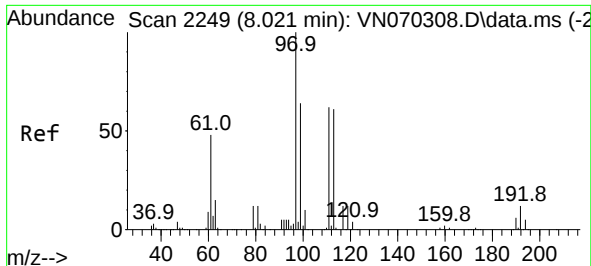
Tgt Ion: 65 Resp: 742860
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

Tgt Ion: 114 Resp: 1872042
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.2 0.0 27.4

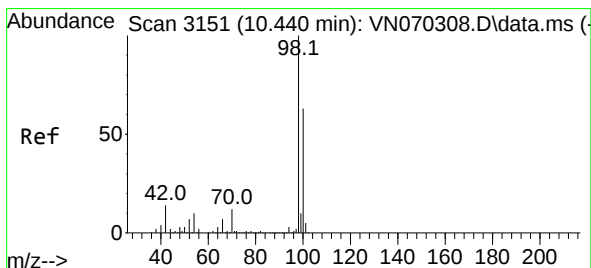
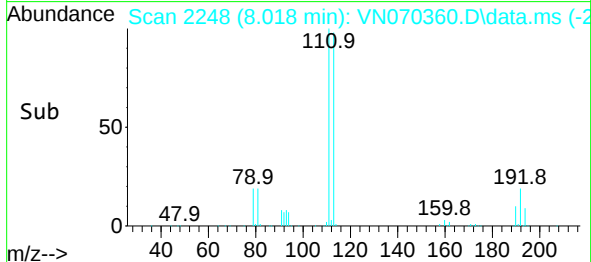
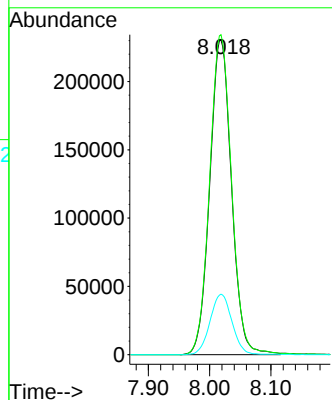
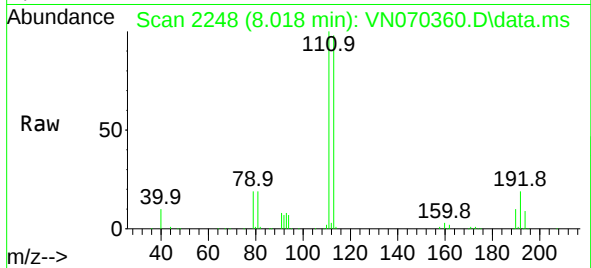




#35
Dibromofluoromethane
Concen: 50.221 ug/l
RT: 8.018 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

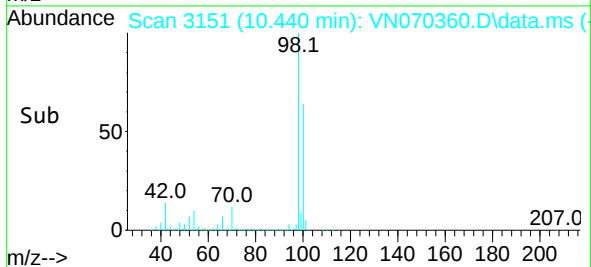
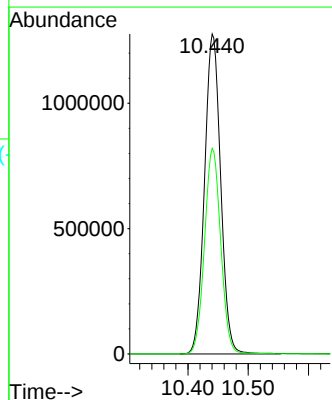
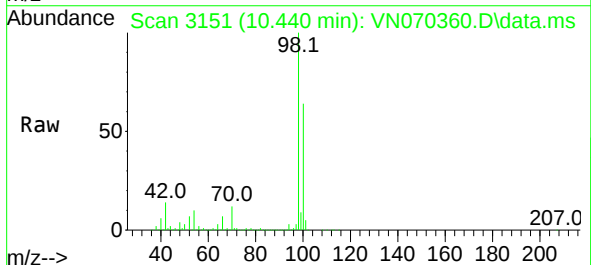
Instrument :
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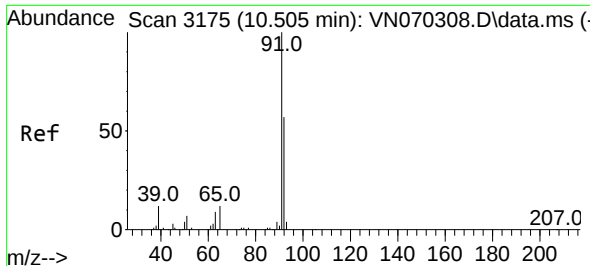
Tgt Ion:113 Resp: 568839
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 51.340 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

Tgt Ion: 98 Resp: 2375556
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

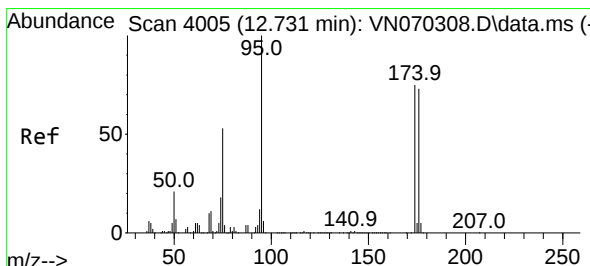
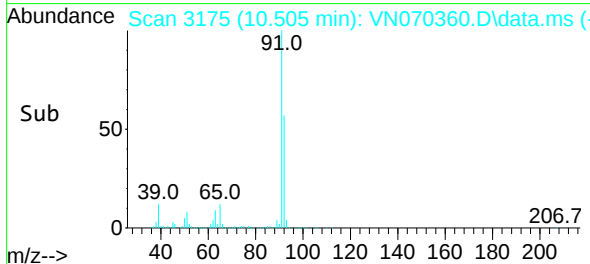
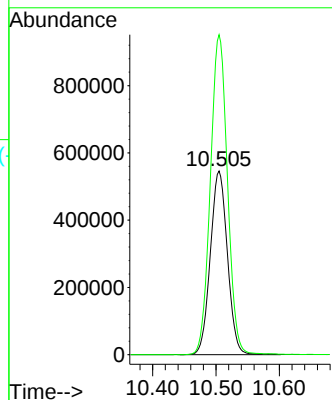
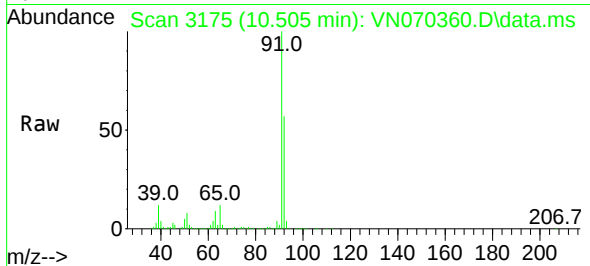




#52
Toluene
Concen: 29.431 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

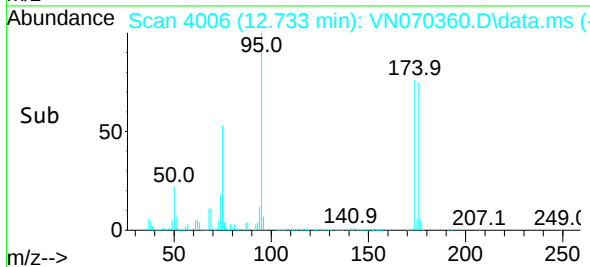
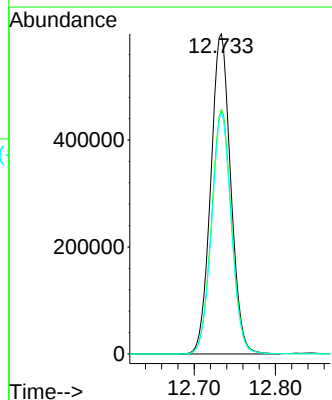
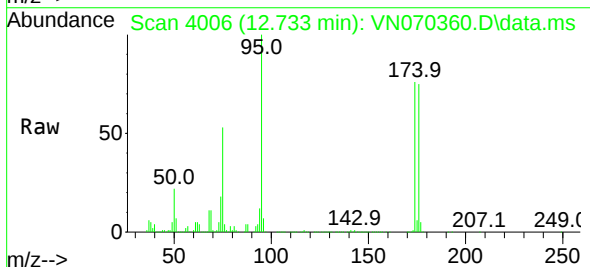
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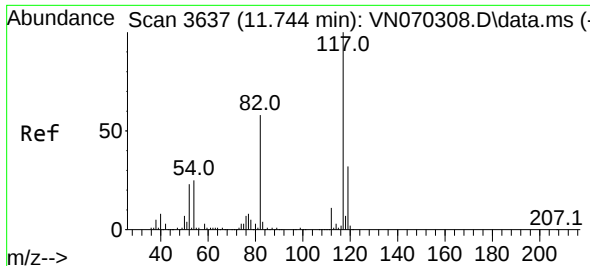
Tgt Ion: 92 Resp: 1023355
Ion Ratio Lower Upper
92 100
91 174.0 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 61.086 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

Tgt Ion: 95 Resp: 1020876
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 74.5 0.0 181.4

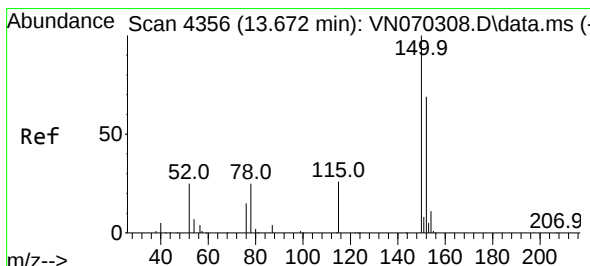
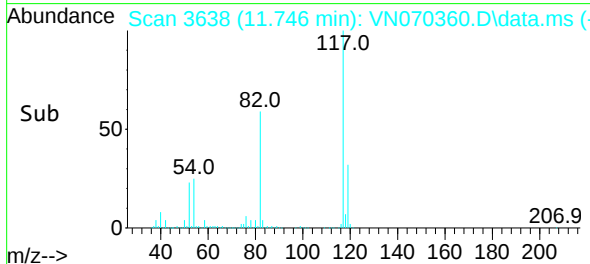
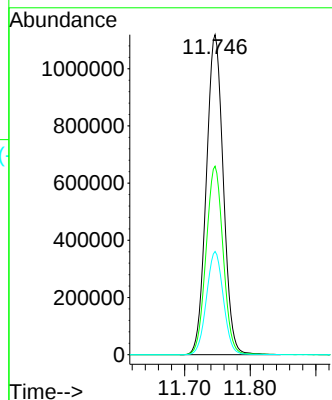
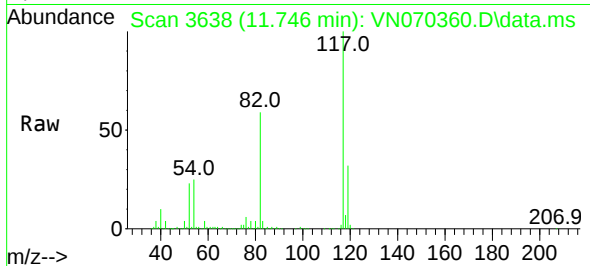




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

Instrument :
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PATAPSCO-FEED-SLUDGE

Tgt Ion:117 Resp: 2013207
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070360.D
Acq: 29 Dec 2021 20:06

Tgt Ion:152 Resp: 931809
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 156.6 0.0 344.4

