

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070409.D
 Acq On : 30 Dec 2021 19:23
 Operator : JC/MD
 Sample : M5212-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-62

Quant Time: Dec 31 05:22:58 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)

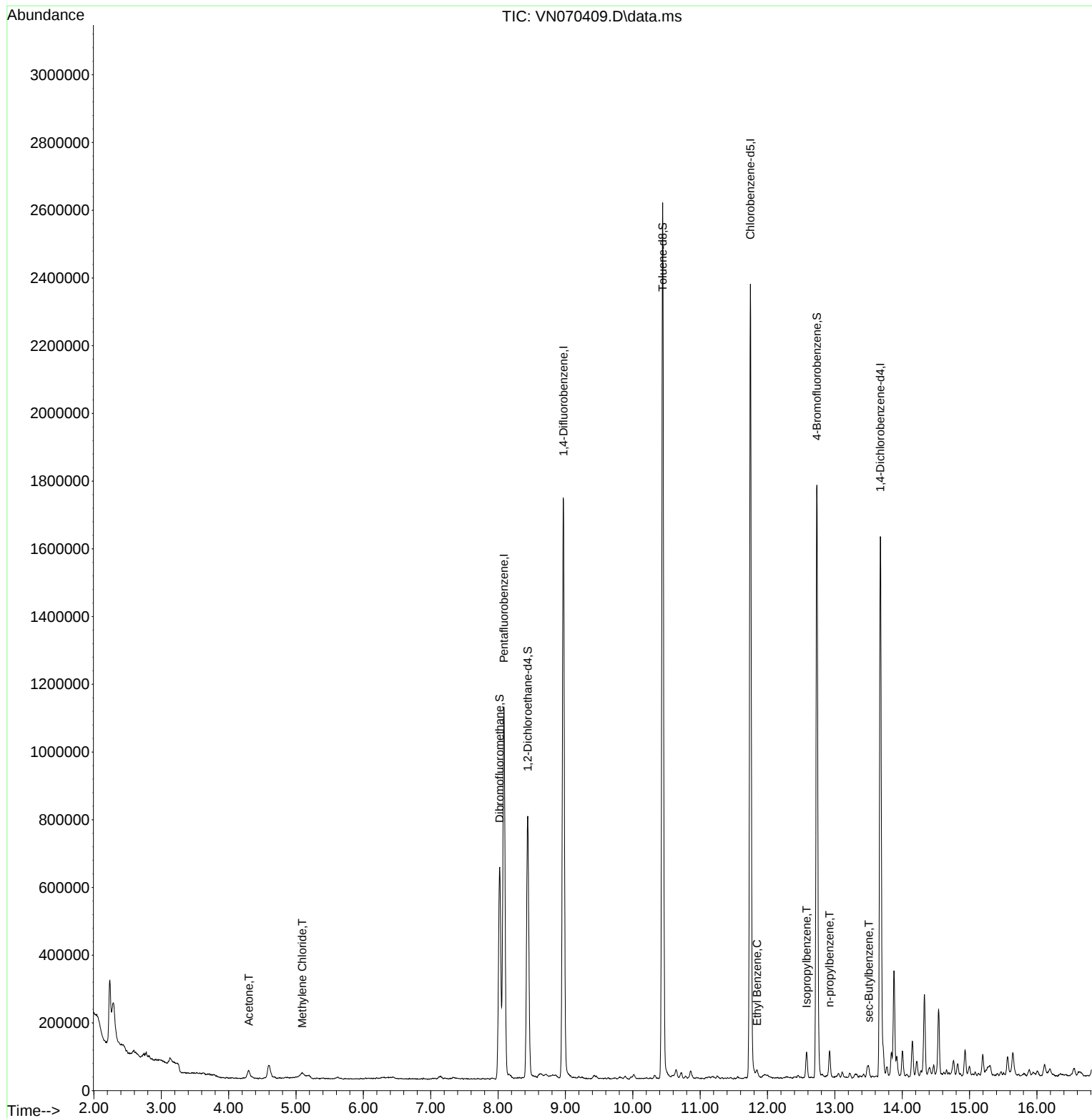
Internal Standards						
1) Pentafluorobenzene	8.088	168	834906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1457098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1309547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	447459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	654852	54.551	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.100%			
35) Dibromofluoromethane	8.024	113	465840	52.839	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.680%			
50) Toluene-d8	10.443	98	1754676	48.721	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.440%			
62) 4-Bromofluorobenzene	12.734	95	626408	48.156	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.320%			
Target Compounds						Qvalue
16) Acetone	4.299	43	36507	4.685	ug/l	97
20) Methylene Chloride	5.093	84	5683	0.527	ug/l #	89
67) Ethyl Benzene	11.846	91	11238	0.221	ug/l #	88
73) Isopropylbenzene	12.581	105	50029	1.204	ug/l	96
78) n-propylbenzene	12.921	91	58986	1.281	ug/l	96
85) sec-Butylbenzene	13.503	105	18049	0.453	ug/l #	68

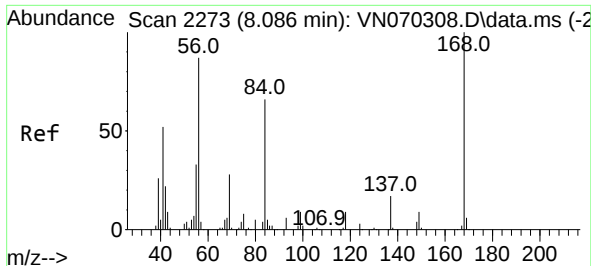
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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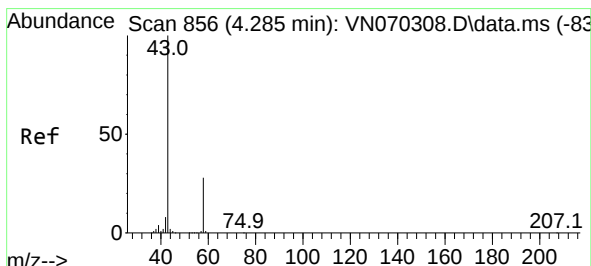
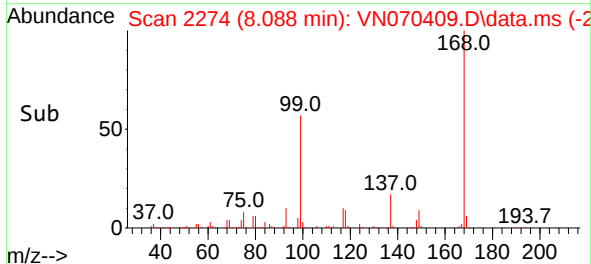
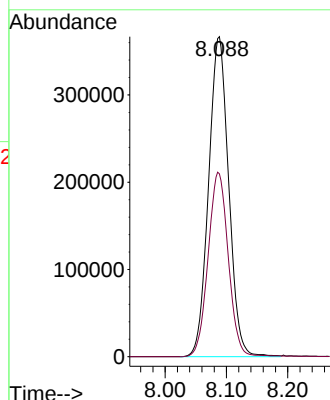
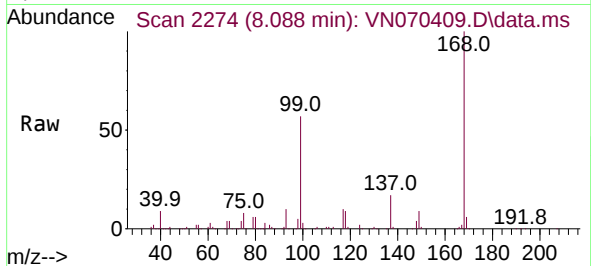




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

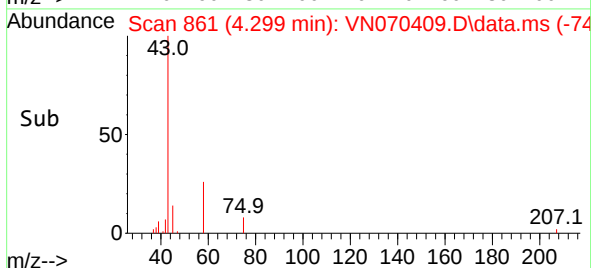
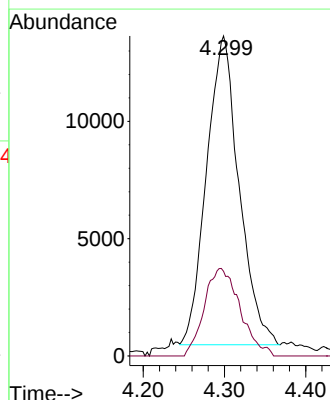
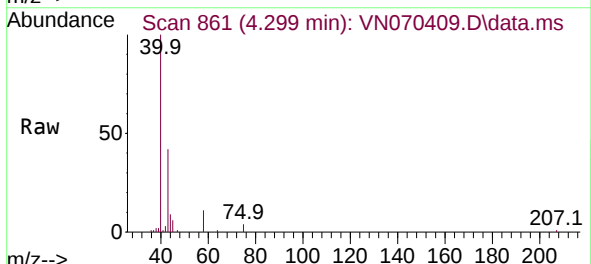
Instrument :
MSVOA_N
ClientSampleId :
MW-62

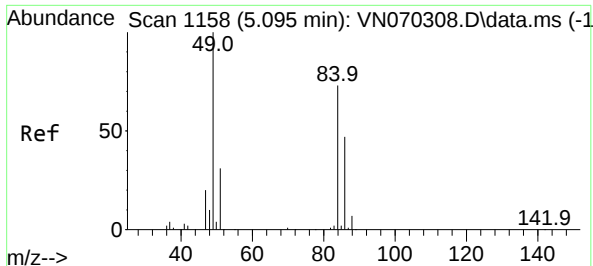
Tgt Ion:168 Resp: 834906
Ion Ratio Lower Upper
168 100
99 57.2 41.3 61.9



#16
Acetone
Concen: 4.685 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

Tgt Ion: 43 Resp: 36507
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7

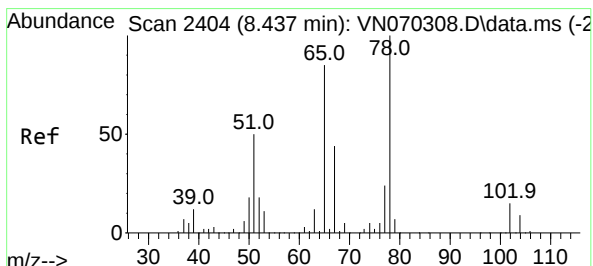
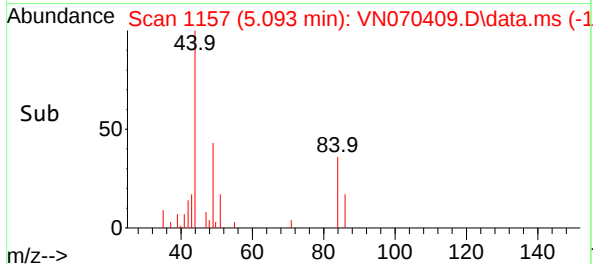
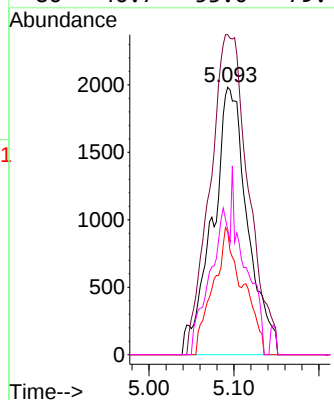
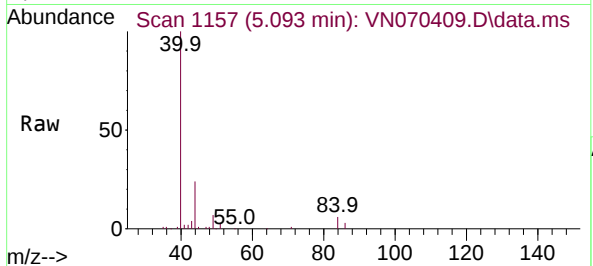




#20
Methylene Chloride
Concen: 0.527 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

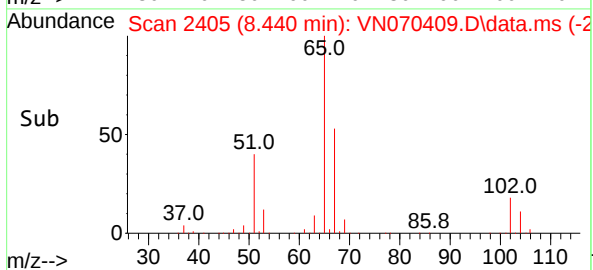
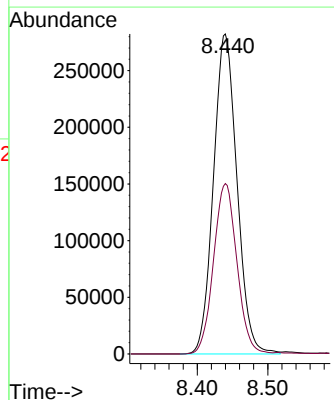
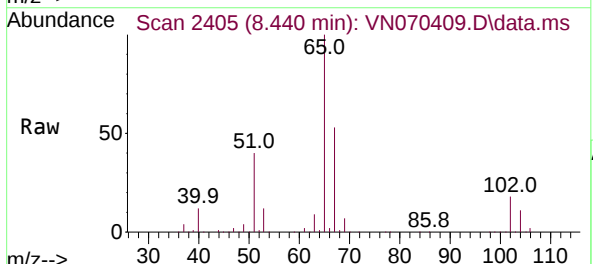
Instrument :
MSVOA_N
ClientSampleId :
MW-62

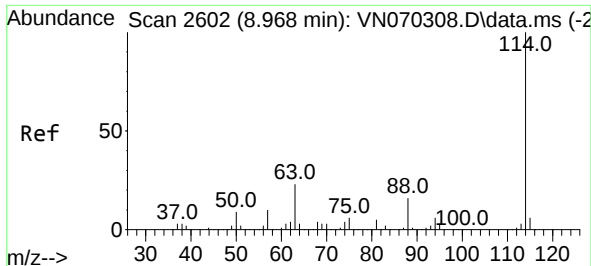
Tgt Ion:	84	Resp:	5683
Ion	Ratio	Lower	Upper
84	100		
49	119.7	93.5	140.3
51	45.9	29.4	44.2#
86	46.7	53.0	79.4#



#33
1,2-Dichloroethane-d4
Concen: 54.551 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

Tgt Ion:	65	Resp:	654852
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.0

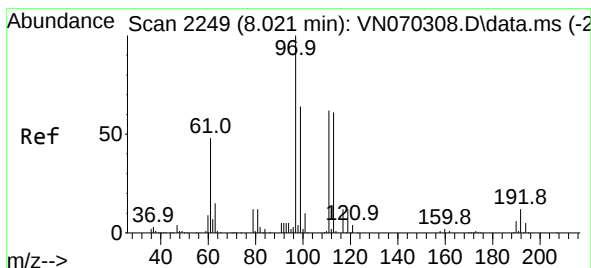
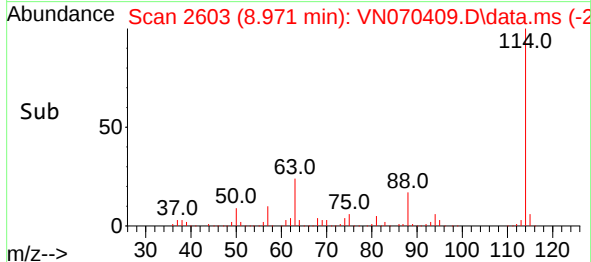
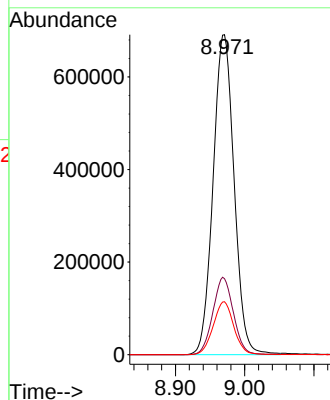
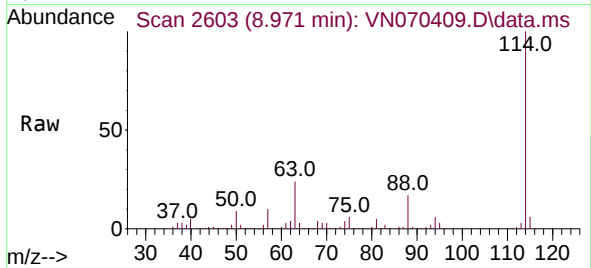




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

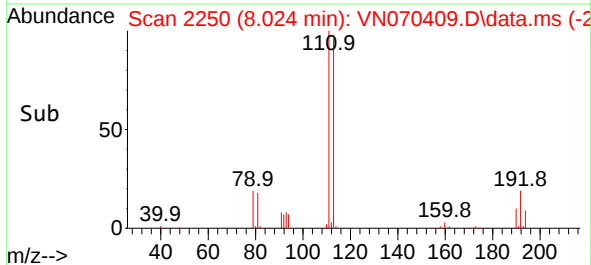
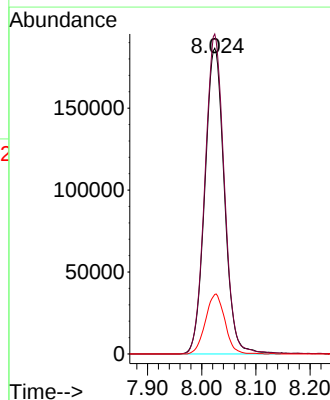
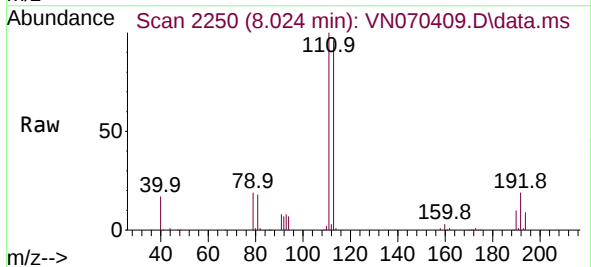
Instrument :
MSVOA_N
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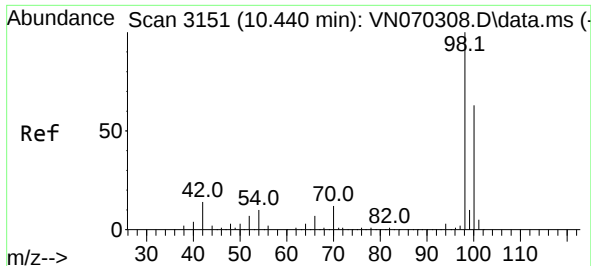
Tgt Ion:114 Resp: 1457098
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.839 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

Tgt Ion:113 Resp: 465840
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.5 16.9 25.3

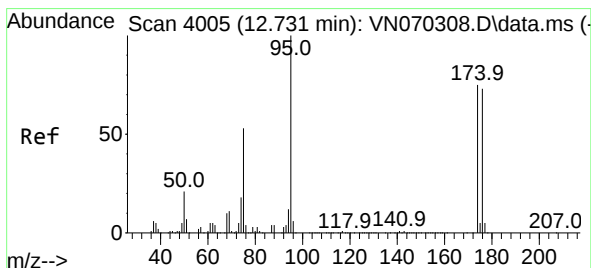
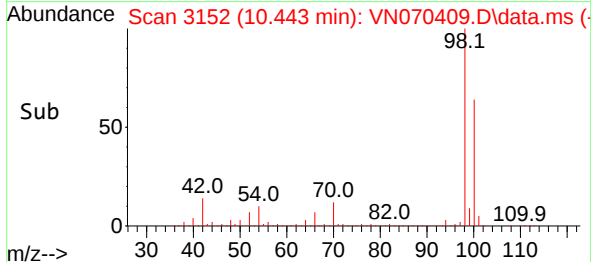
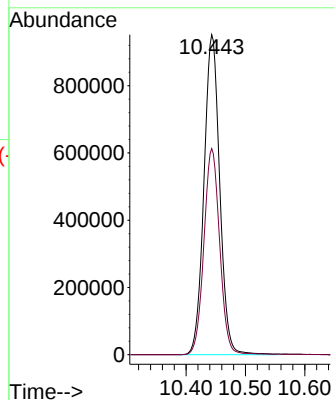
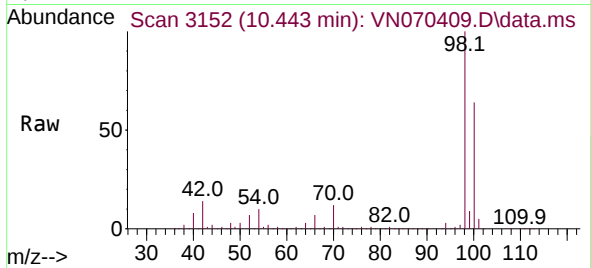




#50
Toluene-d8
Concen: 48.721 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

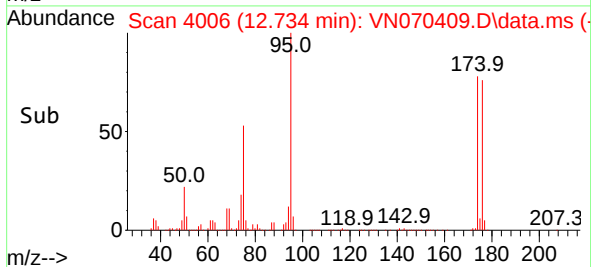
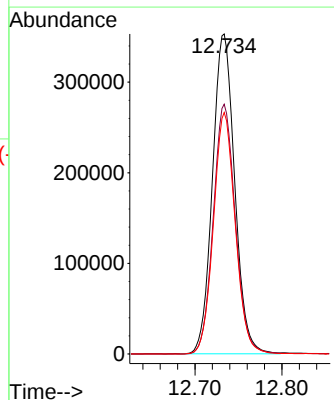
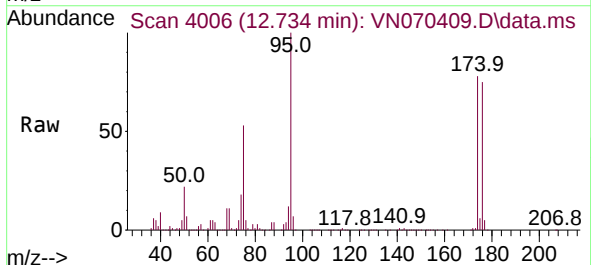
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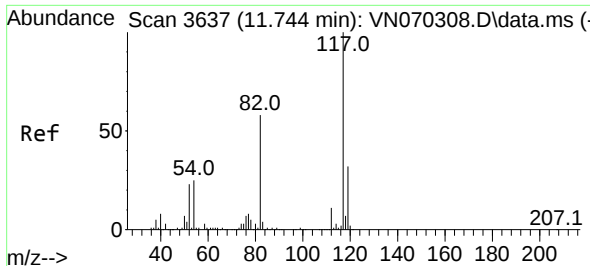
Tgt Ion: 98 Resp: 1754676
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.156 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

Tgt Ion: 95 Resp: 626408
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 74.3 0.0 181.4

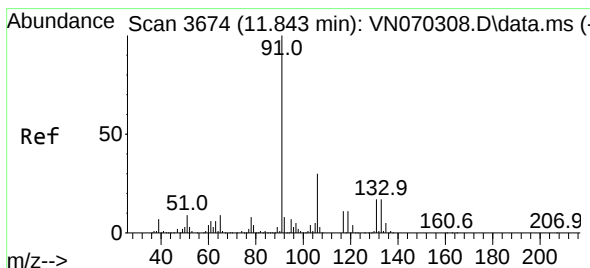
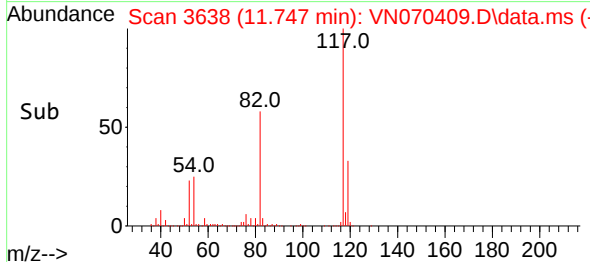
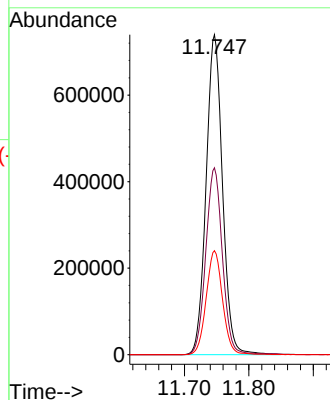
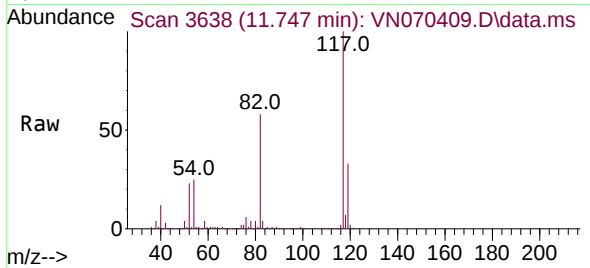




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

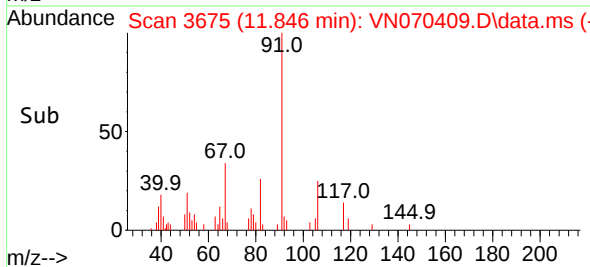
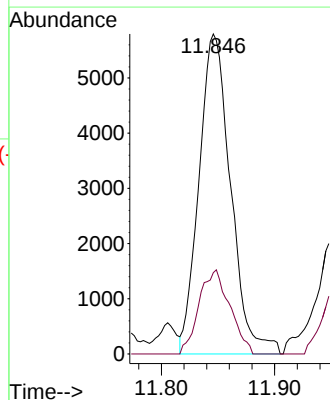
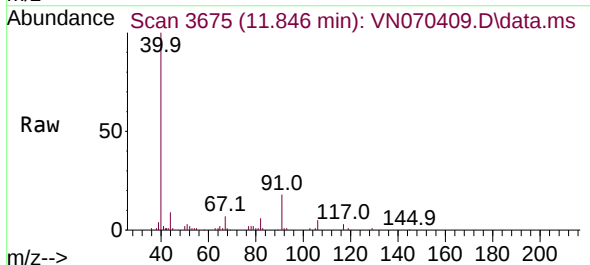
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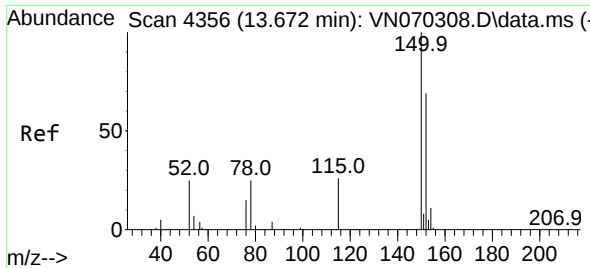
Tgt Ion:117 Resp: 1309547
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.5 25.4 38.2



#67
Ethyl Benzene
Concen: 0.221 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

Tgt Ion: 91 Resp: 11238
Ion Ratio Lower Upper
91 100
106 25.4 25.7 38.5#

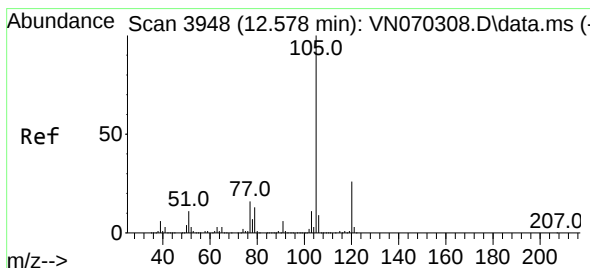
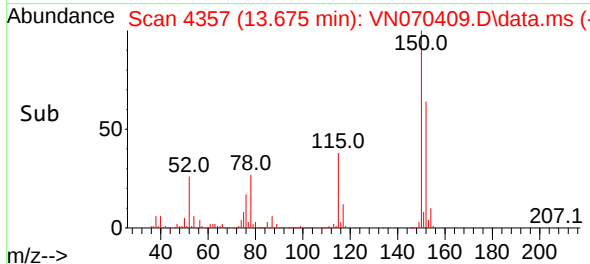
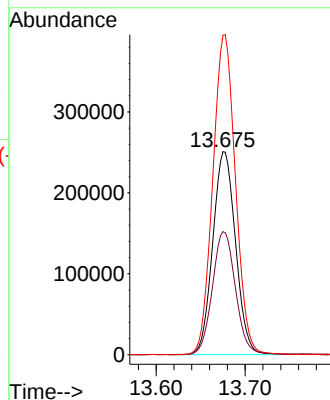
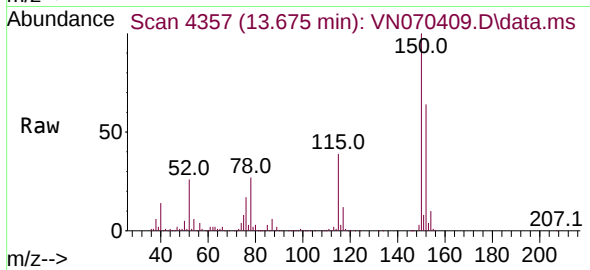




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

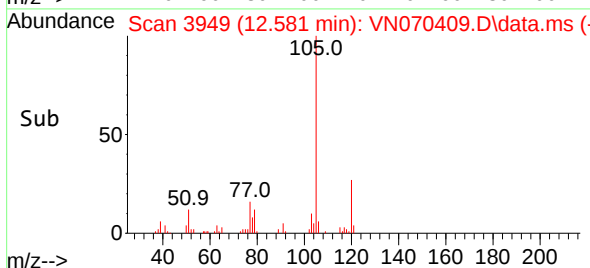
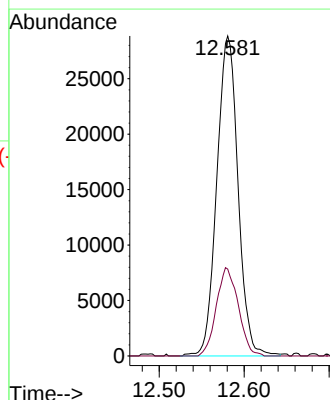
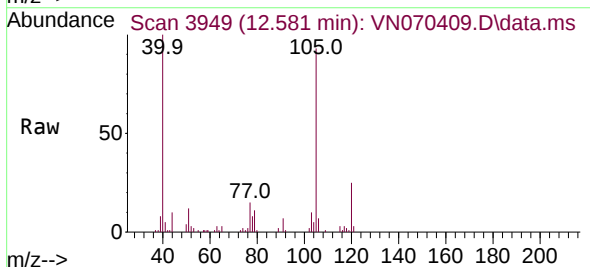
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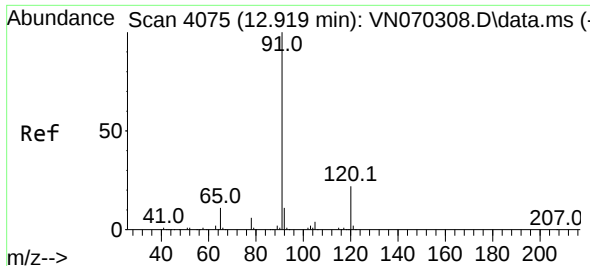
Tgt Ion:152 Resp: 447459
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 156.9 0.0 344.4



#73
Isopropylbenzene
Concen: 1.204 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

Tgt Ion:105 Resp: 50029
Ion Ratio Lower Upper
105 100
120 28.5 13.4 40.1

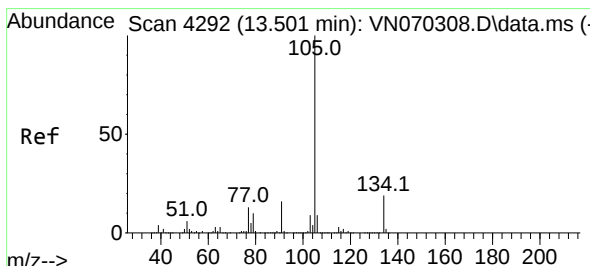
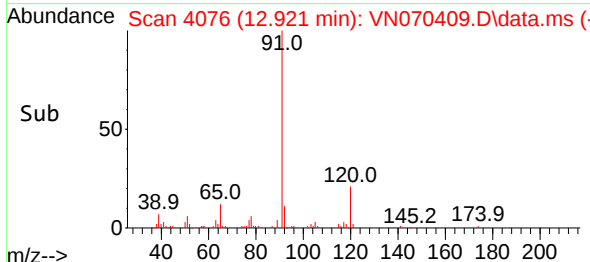
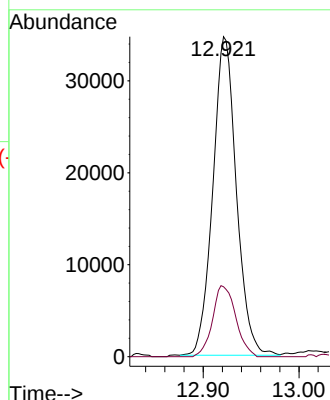
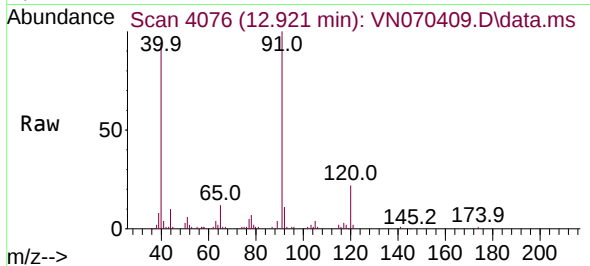




#78
n-propylbenzene
Concen: 1.281 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 91 Resp: 58986
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9



#85
sec-Butylbenzene
Concen: 0.453 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.002 min
Lab File: VN070409.D
Acq: 30 Dec 2021 19:23

Tgt Ion: 105 Resp: 18049
Ion Ratio Lower Upper
105 100
134 35.7 10.4 31.1#

