

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070404.D
 Acq On : 30 Dec 2021 17:15
 Operator : JC/MD
 Sample : M5212-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50DB

Quant Time: Dec 31 05:21:07 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)

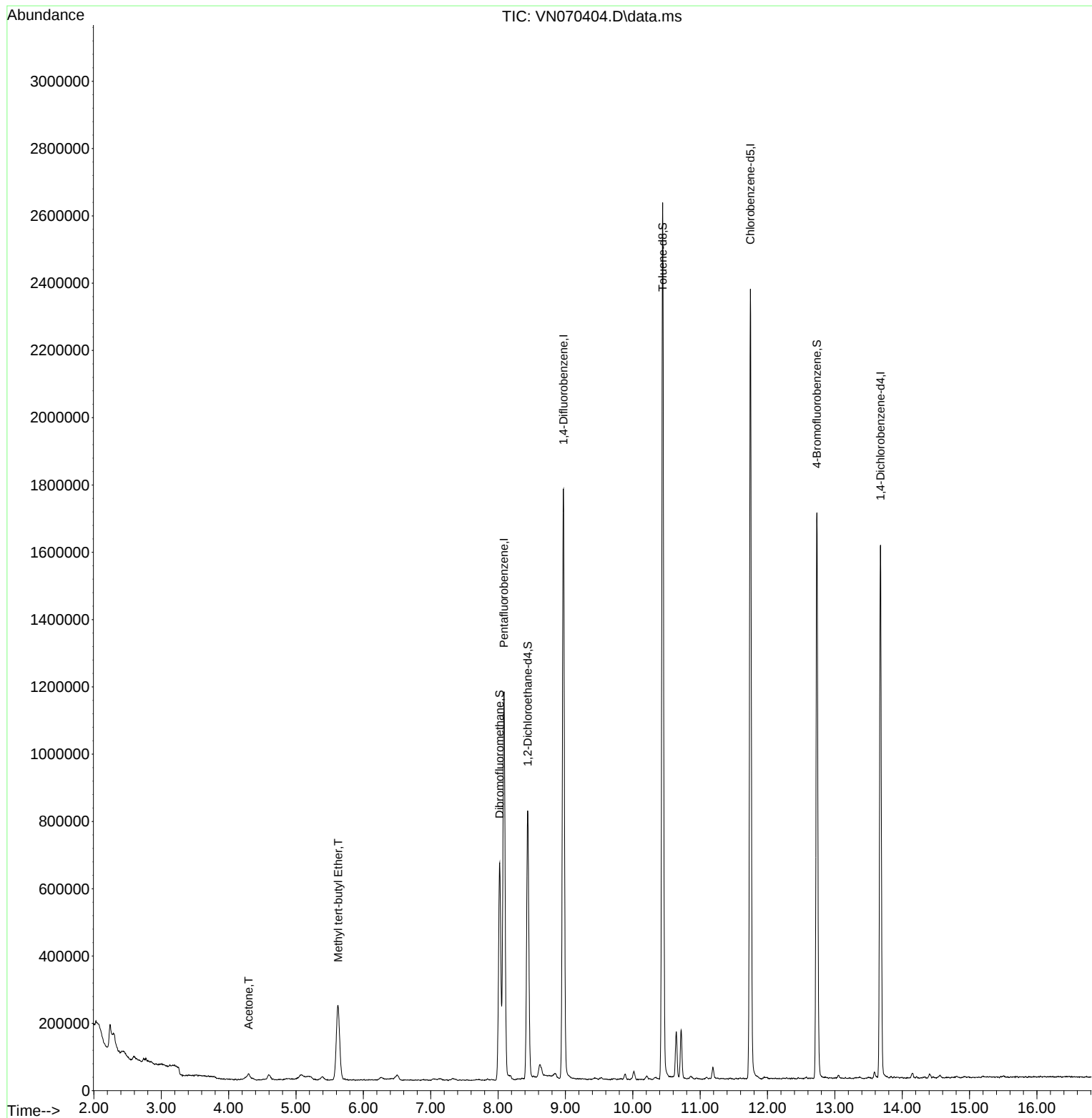
Internal Standards						
1) Pentafluorobenzene	8.088	168	873798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1507493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1333480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	430787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	670924	53.402	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.800%
35) Dibromofluoromethane	8.024	113	477340	52.334	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.660%
50) Toluene-d8	10.443	98	1799374	48.292	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.733	95	614313	45.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.300%
Target Compounds						Qvalue
16) Acetone	4.296	43	29678	3.639	ug/l	98
19) Methyl tert-butyl Ether	5.626	73	331081	10.018	ug/l	96

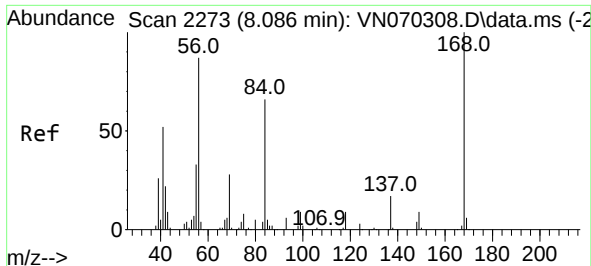
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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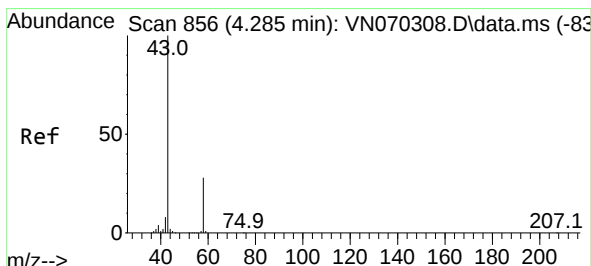
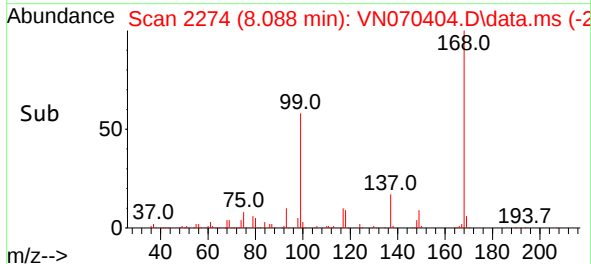
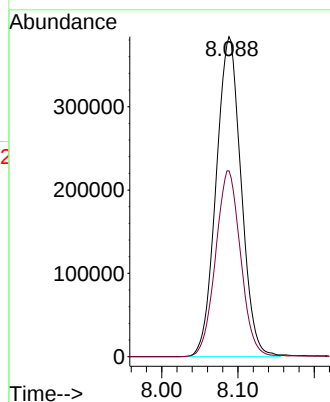
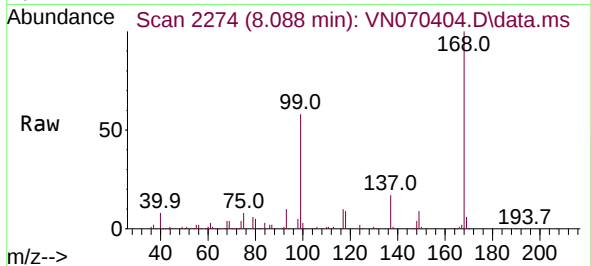




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070404.D
Acq: 30 Dec 2021 17:15

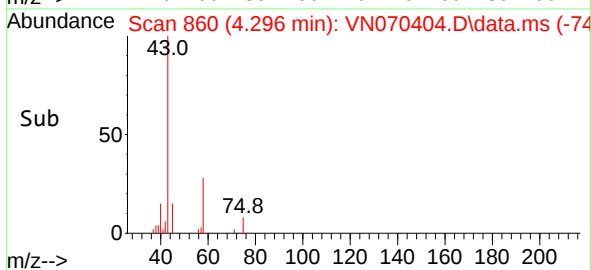
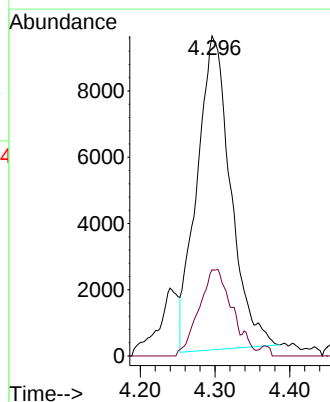
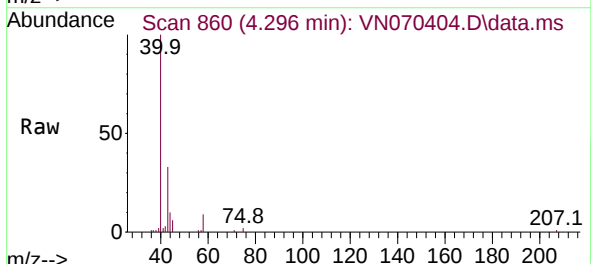
Instrument :
MSVOA_N
ClientSampleId :
MW-50DB

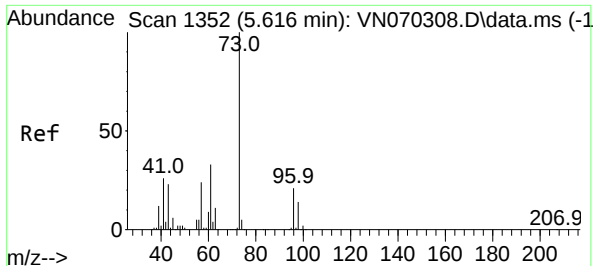
Tgt Ion:168 Resp: 873798
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#16
Acetone
Concen: 3.639 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070404.D
Acq: 30 Dec 2021 17:15

Tgt Ion: 43 Resp: 29678
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 10.018 ug/l

RT: 5.626 min Scan# 11

Delta R.T. 0.010 min

Lab File: VN070404.D

Acq: 30 Dec 2021 17:15

Instrument :

MSVOA_N

ClientSampleId :

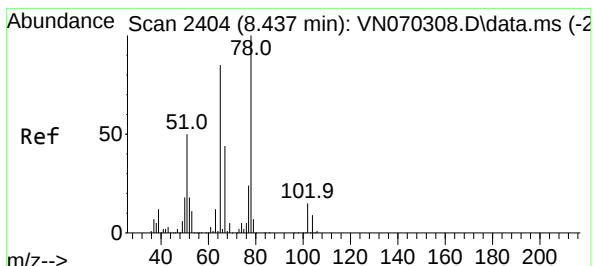
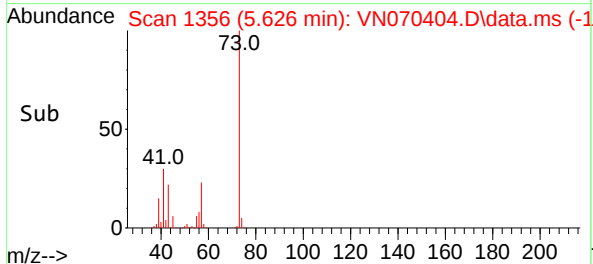
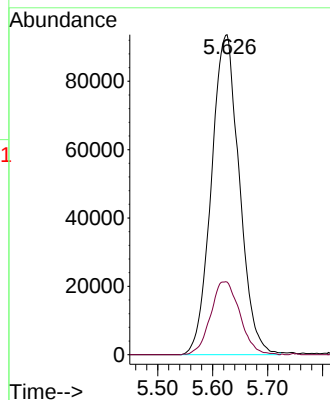
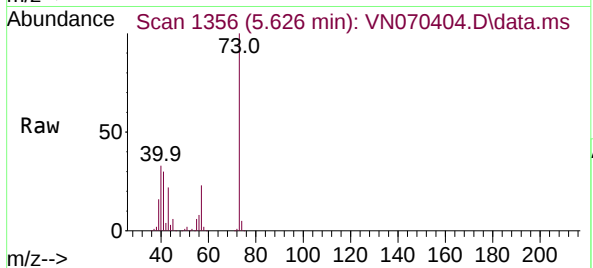
MW-50DB

Tgt Ion: 73 Resp: 331081

Ion Ratio Lower Upper

73 100

57 22.7 16.8 25.2



#33

1,2-Dichloroethane-d4

Concen: 53.402 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070404.D

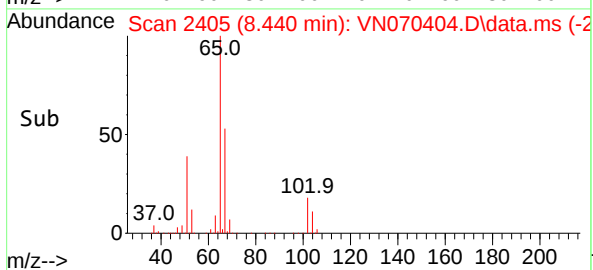
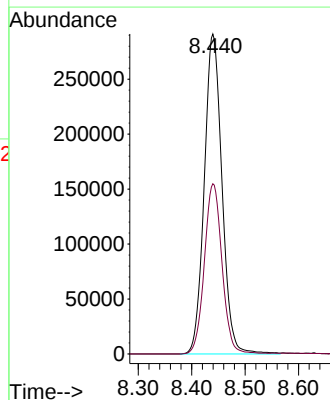
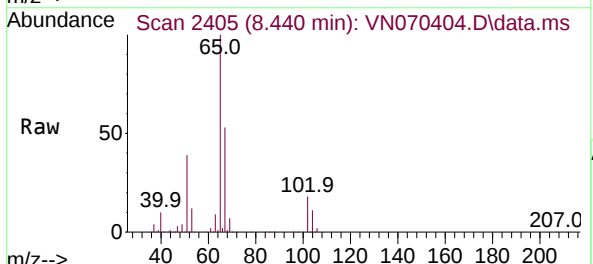
Acq: 30 Dec 2021 17:15

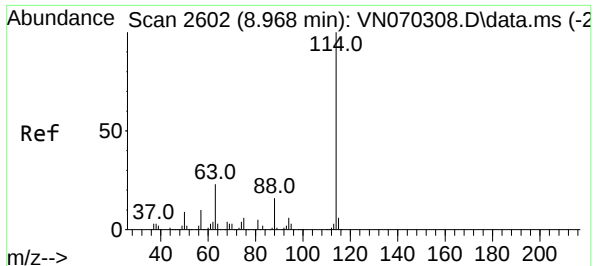
Tgt Ion: 65 Resp: 670924

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0

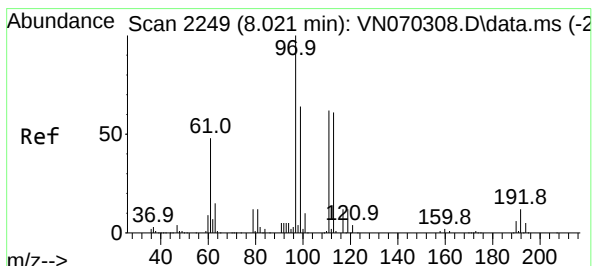
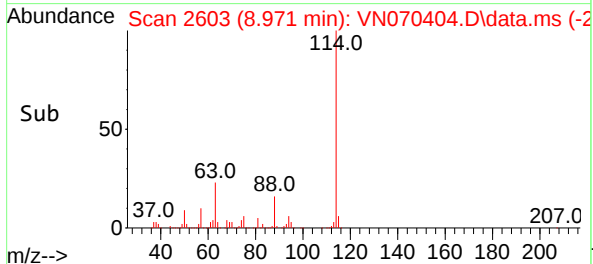
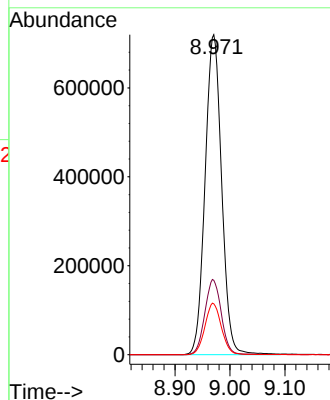
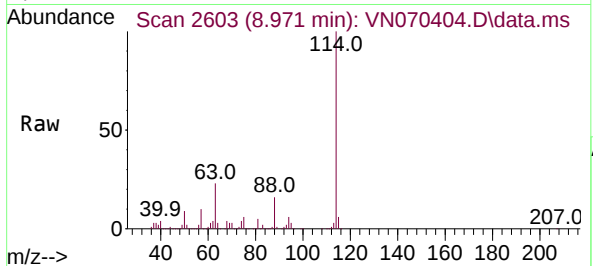




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070404.D
Acq: 30 Dec 2021 17:15

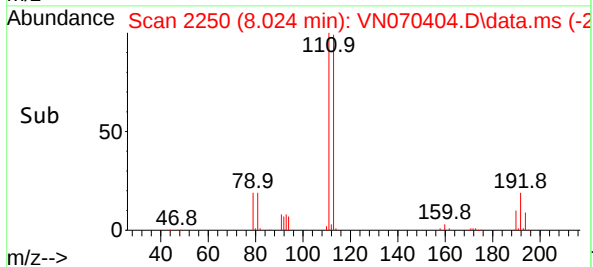
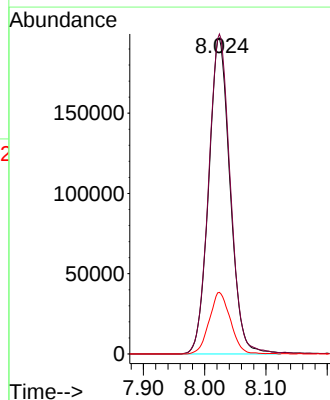
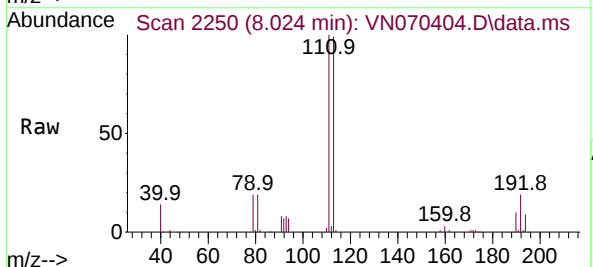
Instrument :
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MW-50DB

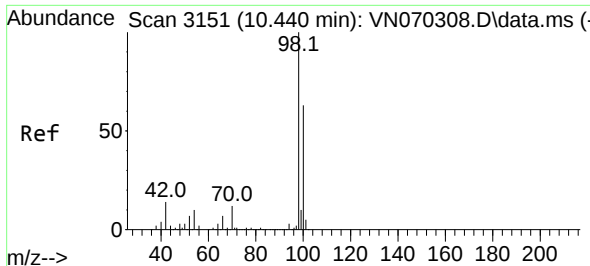
Tgt Ion:114 Resp: 1507493
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.334 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070404.D
Acq: 30 Dec 2021 17:15

Tgt Ion:113 Resp: 477340
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.3 16.9 25.3

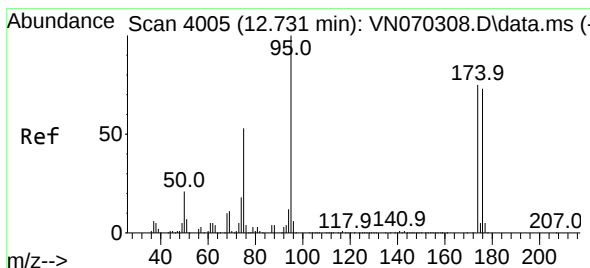
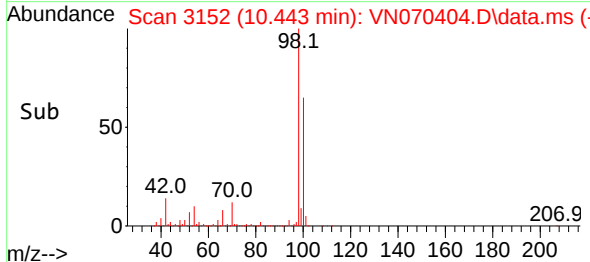
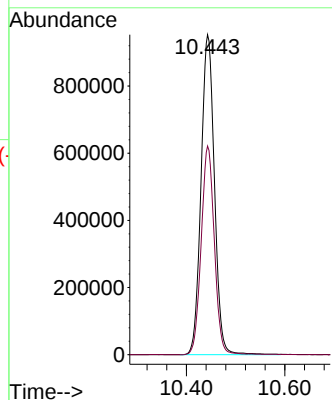
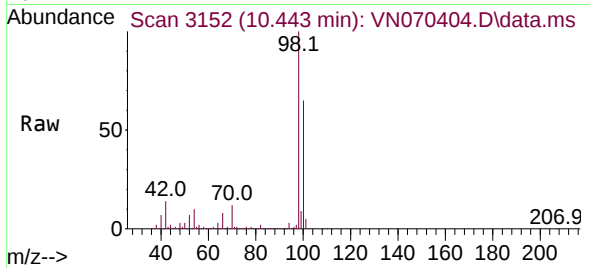




#50
Toluene-d8
Concen: 48.292 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070404.D
Acq: 30 Dec 2021 17:15

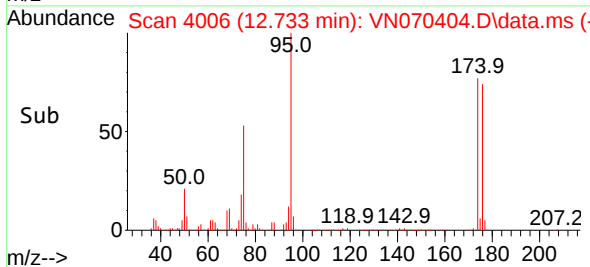
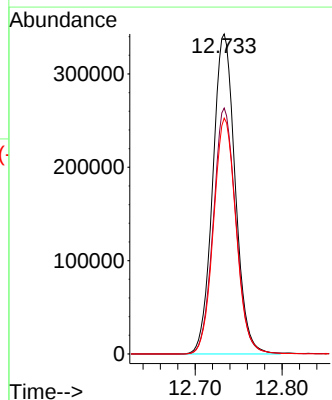
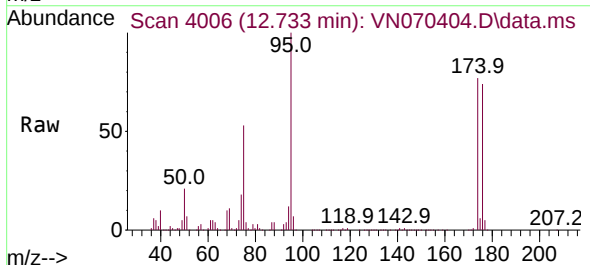
Instrument :
MSVOA_N
ClientSampleId :
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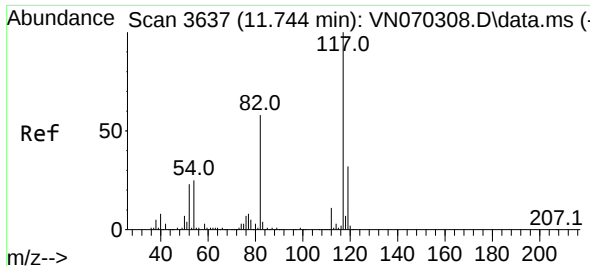
Tgt Ion: 98 Resp: 1799374
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 45.648 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070404.D
Acq: 30 Dec 2021 17:15

Tgt Ion: 95 Resp: 614313
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 74.3 0.0 181.4

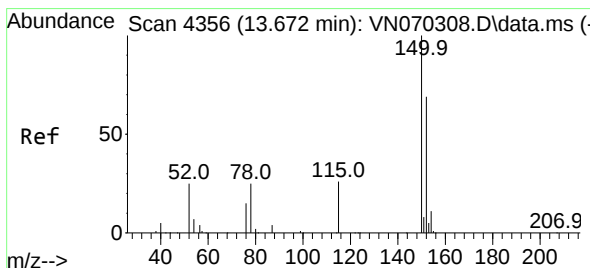
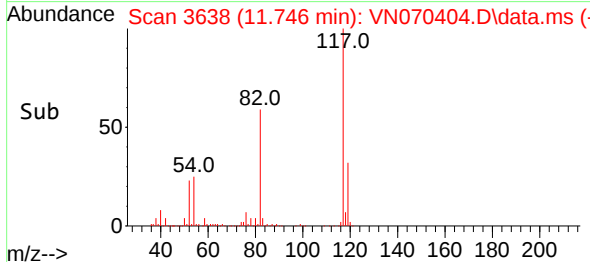
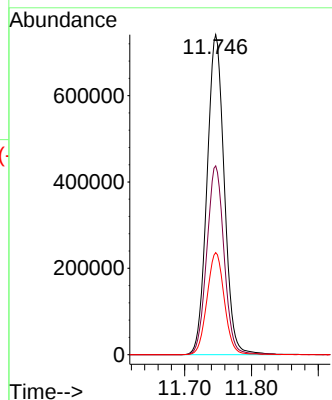
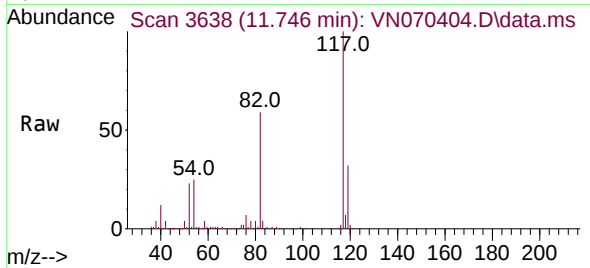




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070404.D
Acq: 30 Dec 2021 17:15

Instrument :
MSVOA_N
ClientSampleId :
MW-50DB

Tgt Ion:117 Resp: 1333480
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.005 min
Lab File: VN070404.D
Acq: 30 Dec 2021 17:15

Tgt Ion:152 Resp: 430787
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 157.2 0.0 344.4

