

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070170.D
 Acq On : 17 Dec 2021 17:52
 Operator : JC/MD
 Sample : M5039-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25

Quant Time: Dec 18 05:47:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

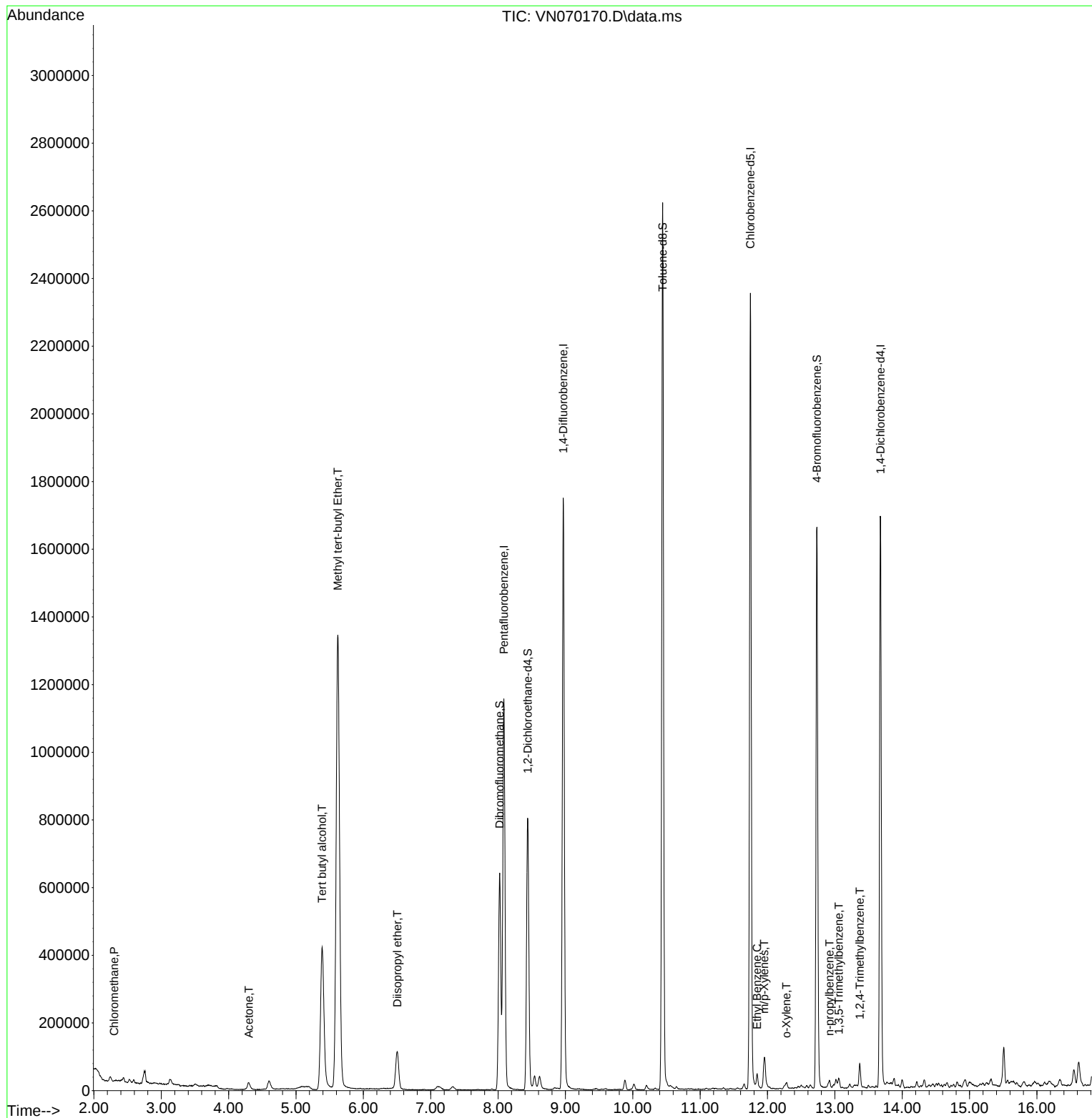
Internal Standards						
1) Pentafluorobenzene	8.086	168	864537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1453921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1308555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	454866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	709632	53.162	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.320%	
35) Dibromofluoromethane	8.024	113	460847	50.603	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.200%	
50) Toluene-d8	10.443	98	1785742	48.834	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.660%	
62) 4-Bromofluorobenzene	12.734	95	587193	44.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 88.640%	
Target Compounds						
						Qvalue
3) Chloromethane	2.301	50	3044	0.241	ug/l	97
11) Tert butyl alcohol	5.388	59	758808	300.734	ug/l	100
16) Acetone	4.299	43	35936	4.475	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	2120790	66.233	ug/l	96
22) Diisopropyl ether	6.503	45	150140	4.140	ug/l	90
67) Ethyl Benzene	11.846	91	28139	0.584	ug/l	94
68) m/p-Xylenes	11.950	106	29884	1.702	ug/l	91
69) o-Xylene	12.280	106	3877	0.219	ug/l	90
78) n-propylbenzene	12.921	91	16521	0.367	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	9353	0.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	39058	1.259	ug/l	99

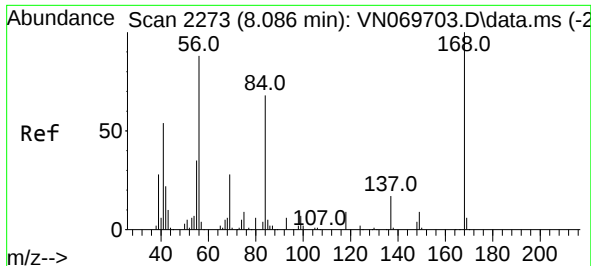
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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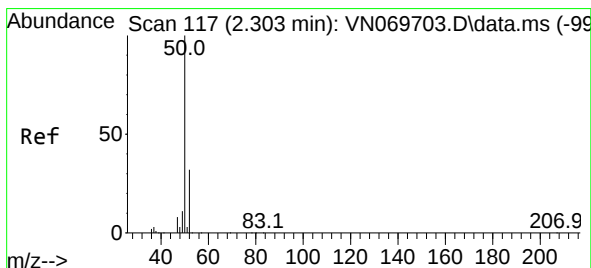
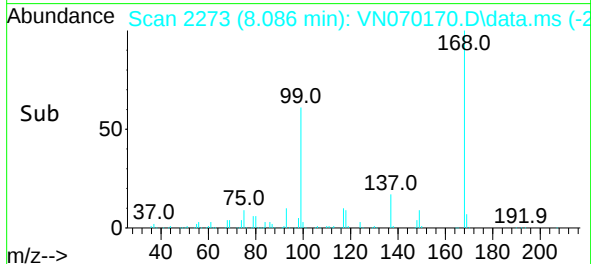
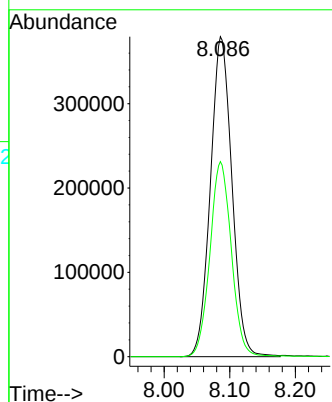
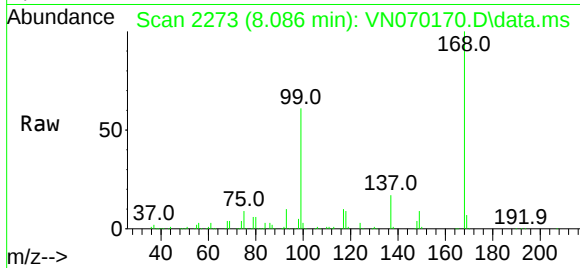




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

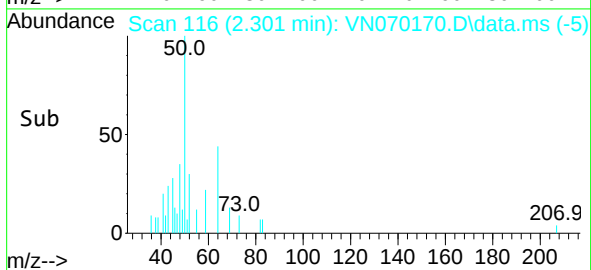
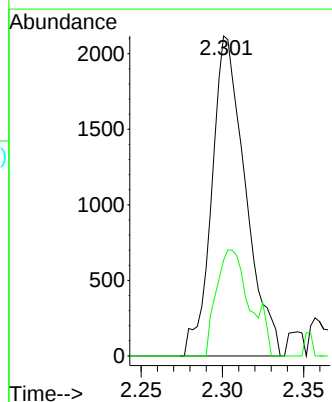
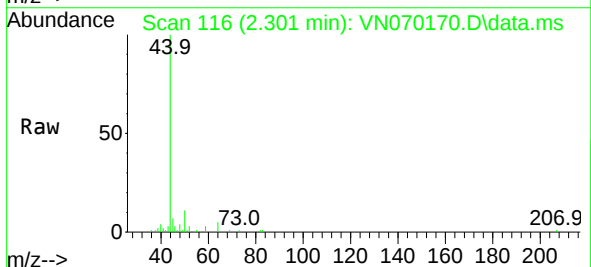
Instrument :
MSVOA_N
ClientSampleId :
MW-25

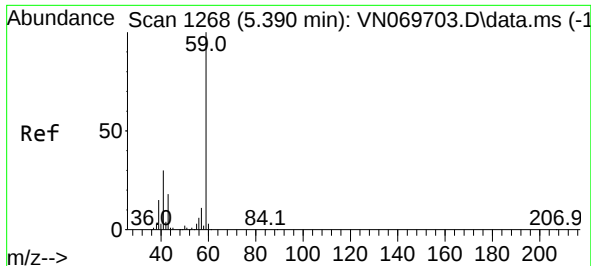
Tgt Ion:168 Resp: 864537
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#3
Chloromethane
Concen: 0.241 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

Tgt Ion: 50 Resp: 3044
Ion Ratio Lower Upper
50 100
52 29.9 25.4 38.0





#11

Tert butyl alcohol

Concen: 300.734 ug/l

RT: 5.388 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070170.D

Acq: 17 Dec 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

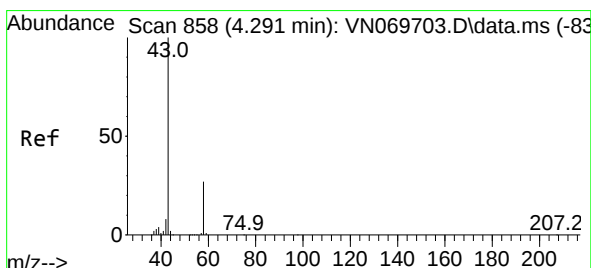
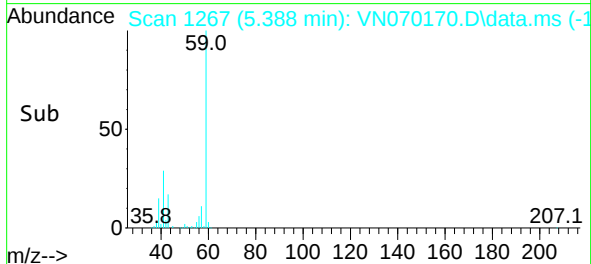
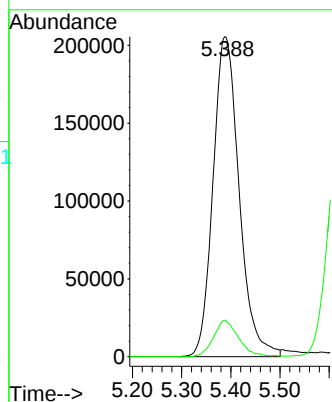
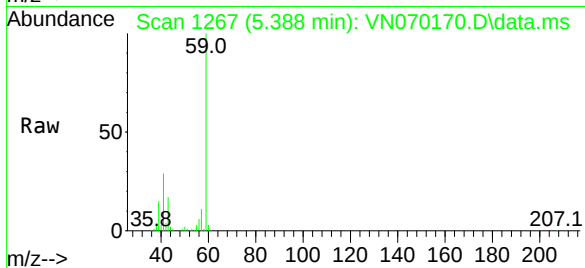
MW-25

Tgt Ion: 59 Resp: 758808

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#16

Acetone

Concen: 4.475 ug/l

RT: 4.299 min Scan# 861

Delta R.T. 0.008 min

Lab File: VN070170.D

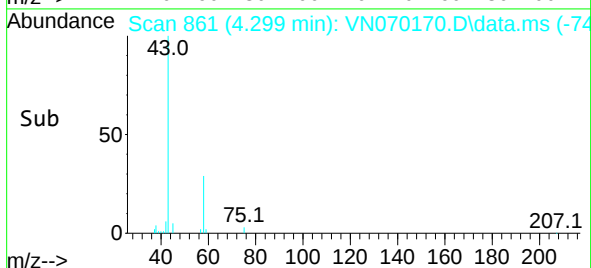
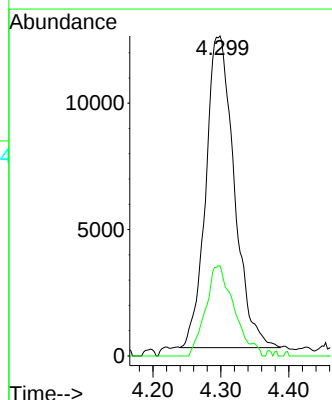
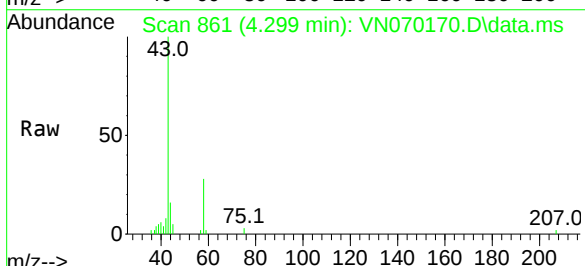
Acq: 17 Dec 2021 17:52

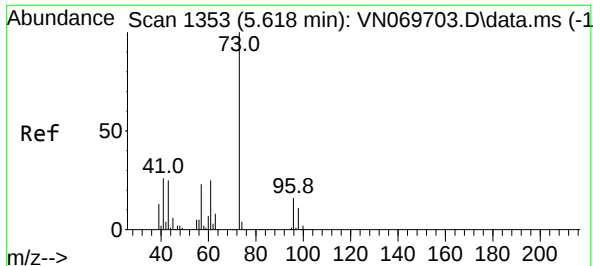
Tgt Ion: 43 Resp: 35936

Ion Ratio Lower Upper

43 100

58 29.0 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 66.233 ug/l

RT: 5.621 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN070170.D

Acq: 17 Dec 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

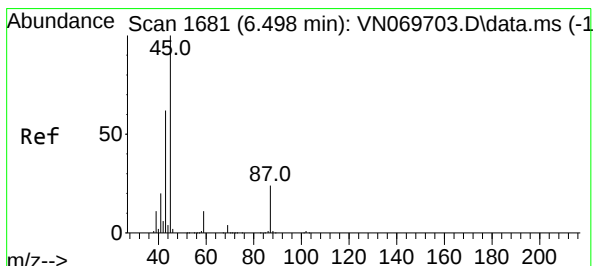
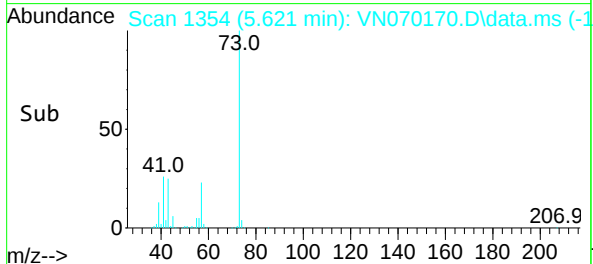
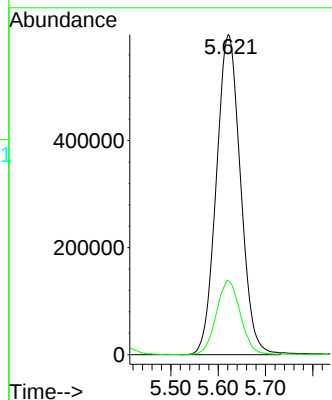
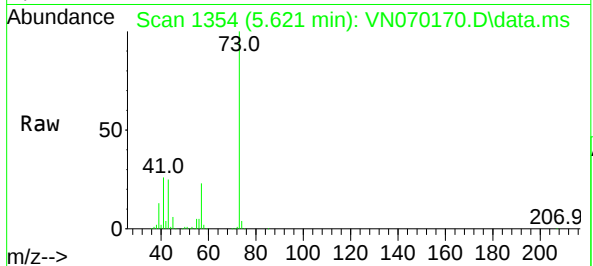
MW-25

Tgt Ion: 73 Resp: 2120790

Ion Ratio Lower Upper

73 100

57 23.1 16.8 25.2



#22

Diisopropyl ether

Concen: 4.140 ug/l

RT: 6.503 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VN070170.D

Acq: 17 Dec 2021 17:52

Tgt Ion: 45 Resp: 150140

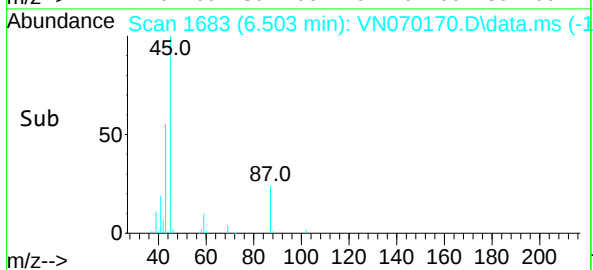
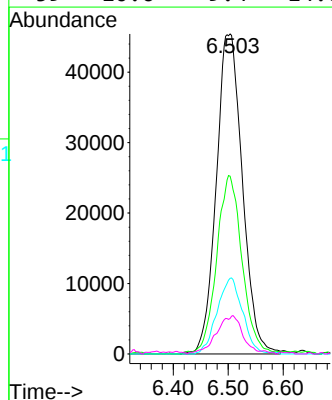
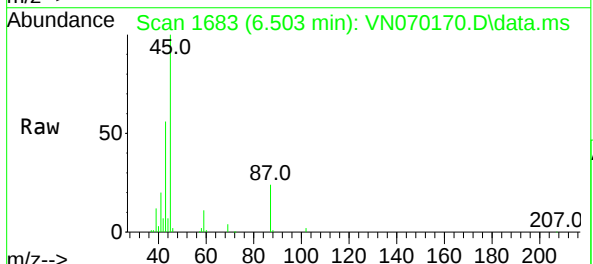
Ion Ratio Lower Upper

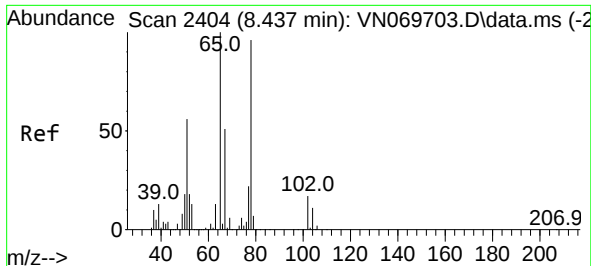
45 100

43 55.6 51.7 77.5

87 23.6 23.2 34.8

59 10.6 9.4 14.0





#33

1,2-Dichloroethane-d4

Concen: 53.162 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070170.D

Acq: 17 Dec 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

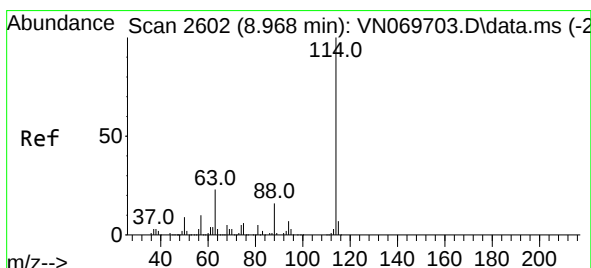
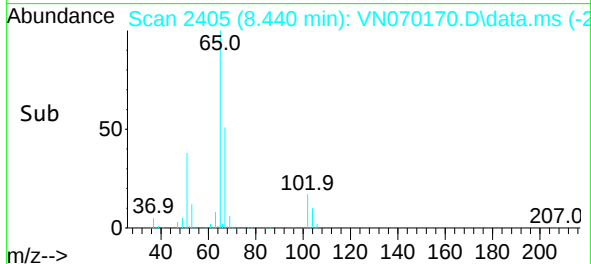
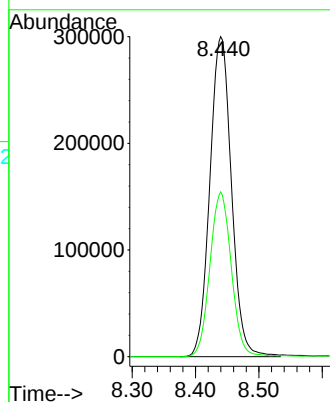
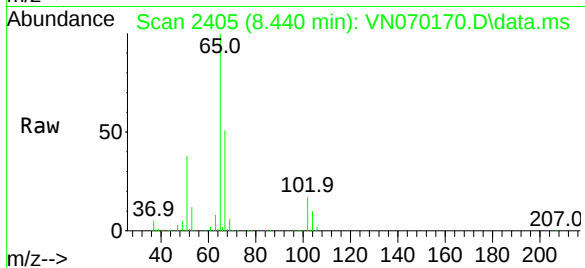
MW-25

Tgt Ion: 65 Resp: 709632

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070170.D

Acq: 17 Dec 2021 17:52

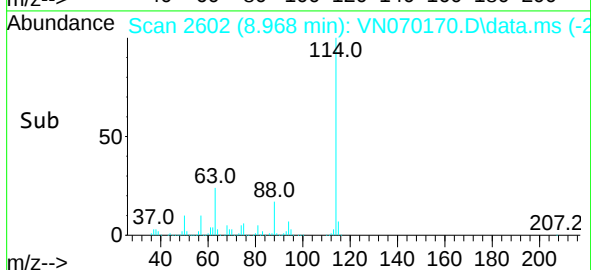
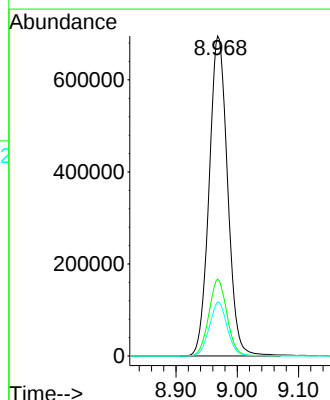
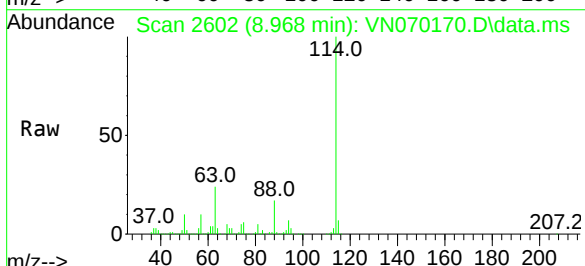
Tgt Ion: 114 Resp: 1453921

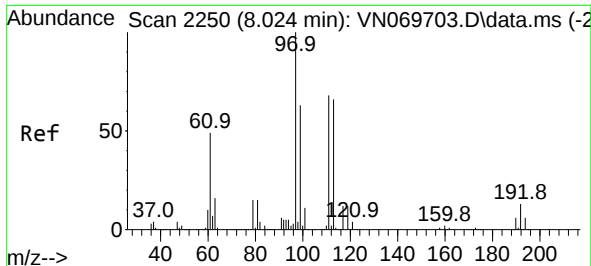
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 16.8 0.0 27.4

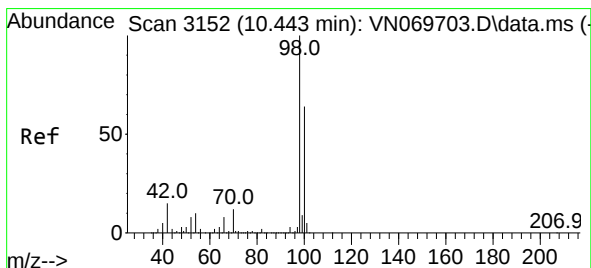
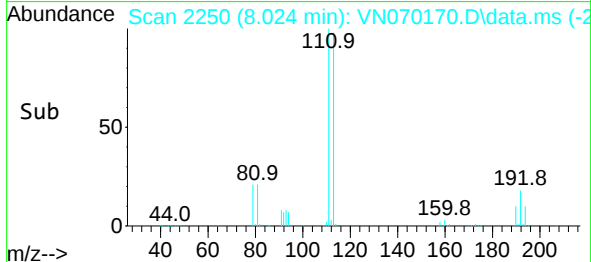
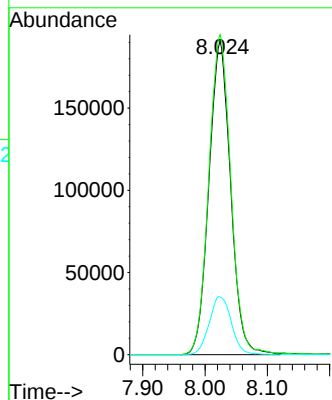
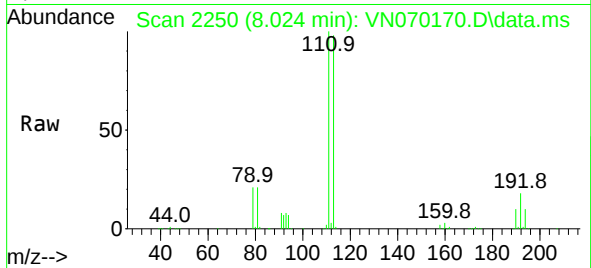




#35
Dibromofluoromethane
Concen: 50.603 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

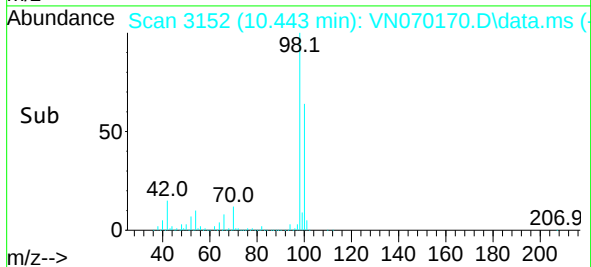
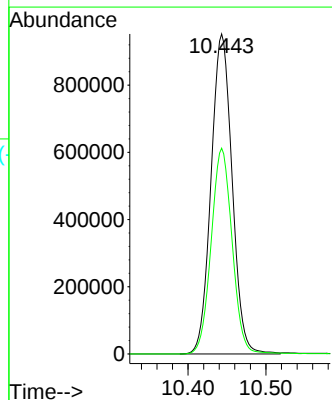
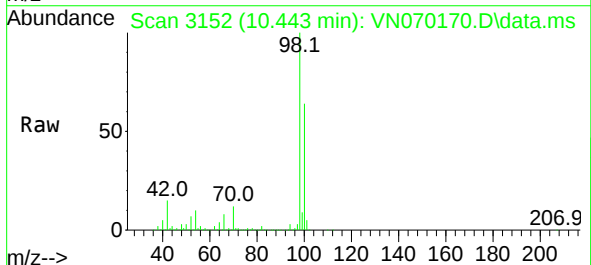
Instrument :
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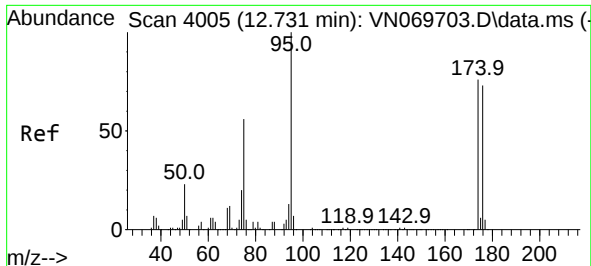
Tgt Ion:113 Resp: 460847
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 48.834 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

Tgt Ion: 98 Resp: 1785742
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

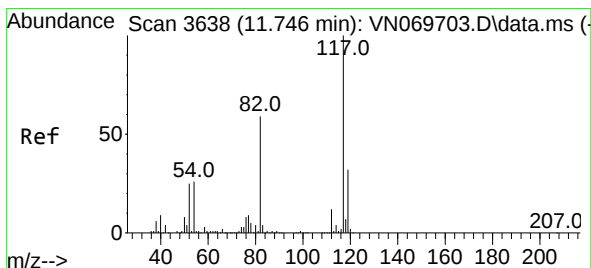
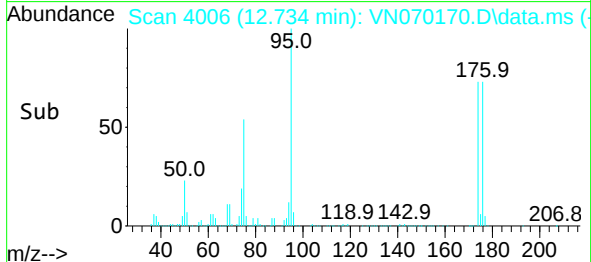
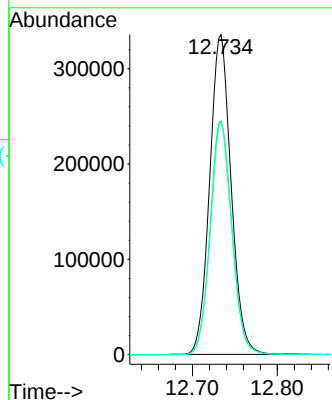
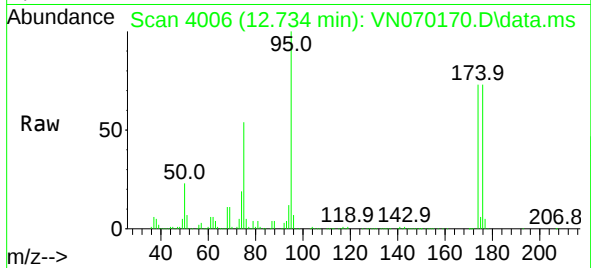




#62
4-Bromofluorobenzene
Concen: 44.324 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

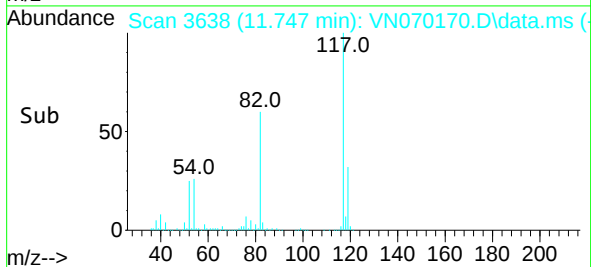
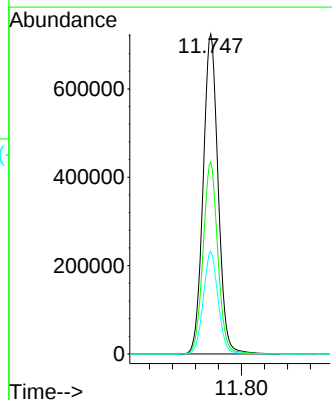
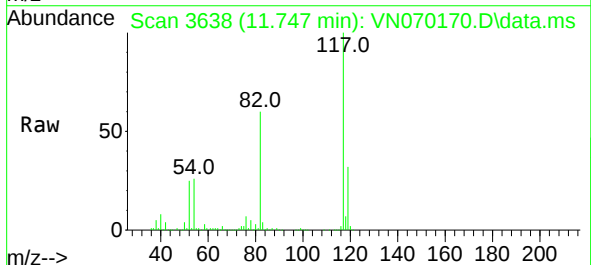
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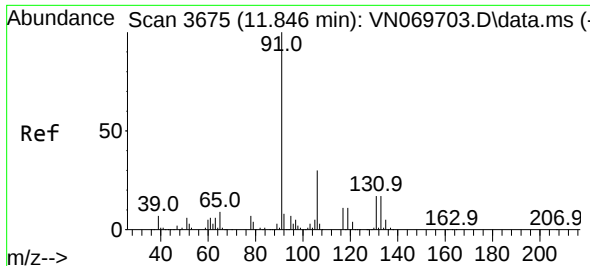
Tgt Ion: 95 Resp: 587193
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

Tgt Ion: 117 Resp: 1308555
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.0 25.4 38.2

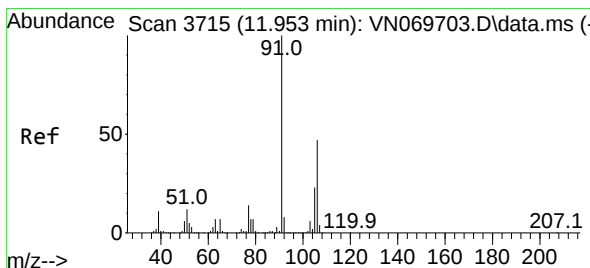
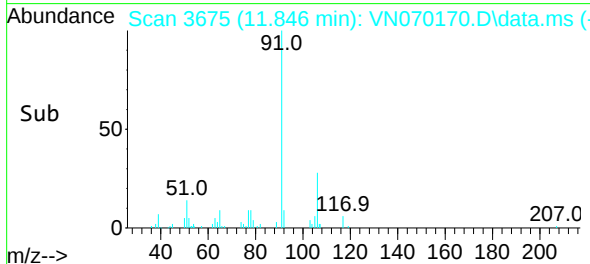
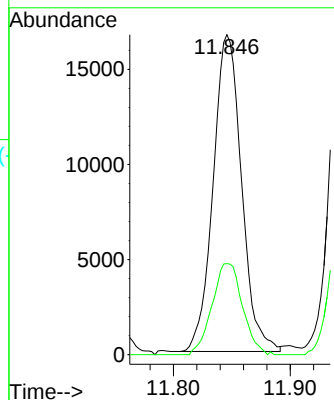
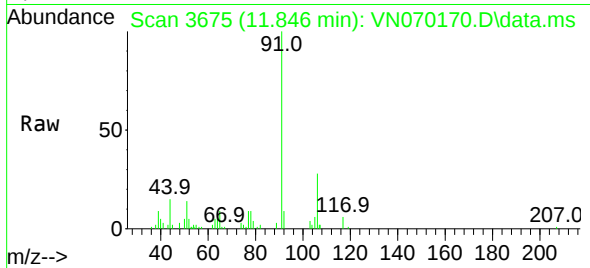




#67
Ethyl Benzene
Concen: 0.584 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

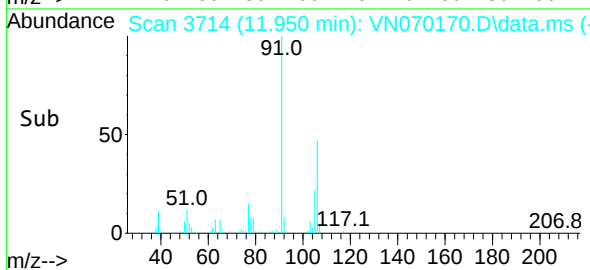
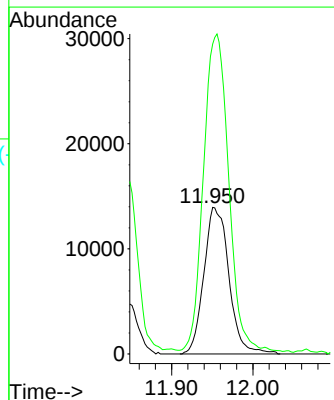
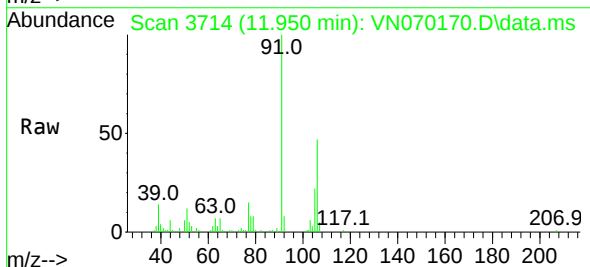
Instrument :
MSVOA_N
ClientSampleId :
MW-25

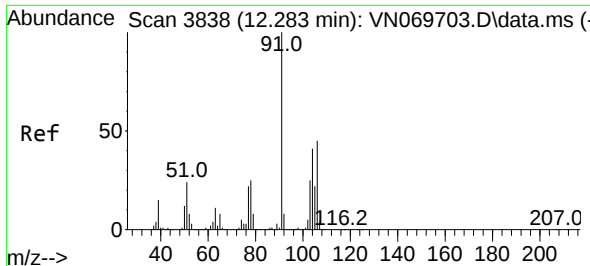
Tgt Ion: 91 Resp: 28139
Ion Ratio Lower Upper
91 100
106 28.8 25.7 38.5



#68
m/p-Xylenes
Concen: 1.702 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

Tgt Ion: 106 Resp: 29884
Ion Ratio Lower Upper
106 100
91 213.9 160.6 240.8

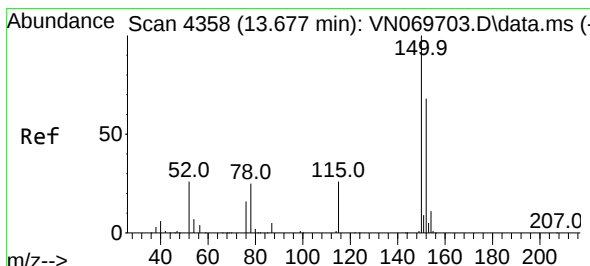
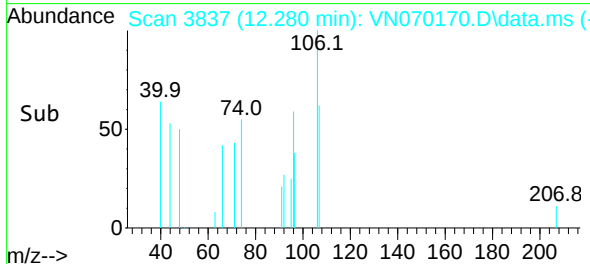
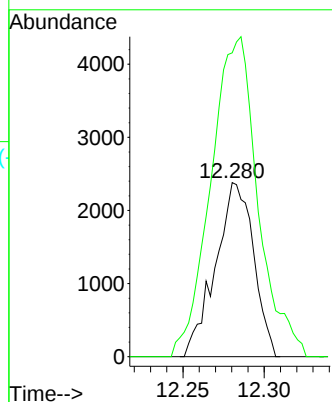
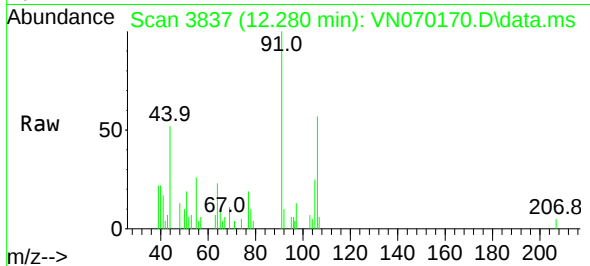




#69
o-Xylene
Concen: 0.219 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

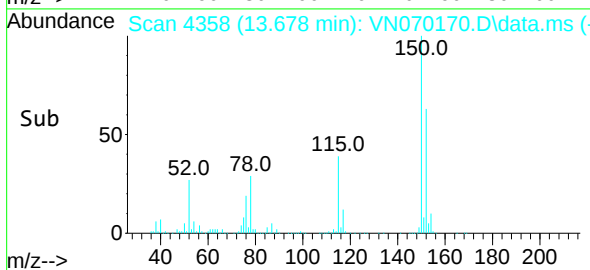
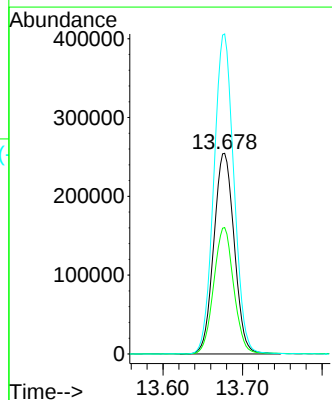
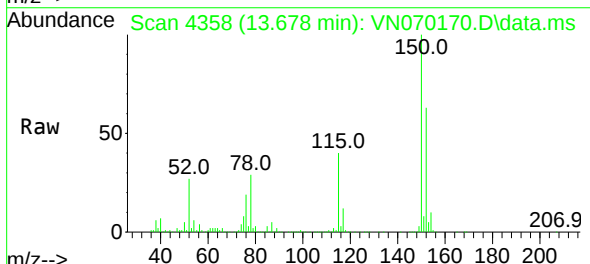
Instrument :
MSVOA_N
ClientSampleId :
MW-25

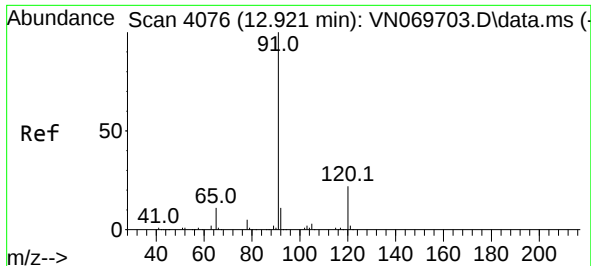
Tgt Ion:106 Resp: 3877
Ion Ratio Lower Upper
106 100
91 227.2 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

Tgt Ion:152 Resp: 454866
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 156.6 0.0 344.4

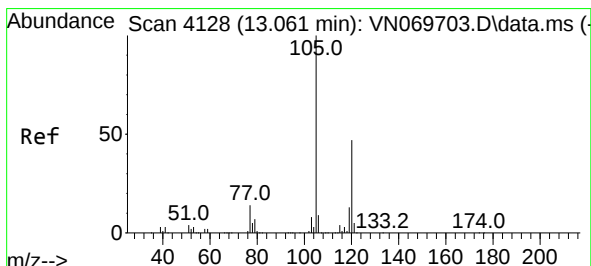
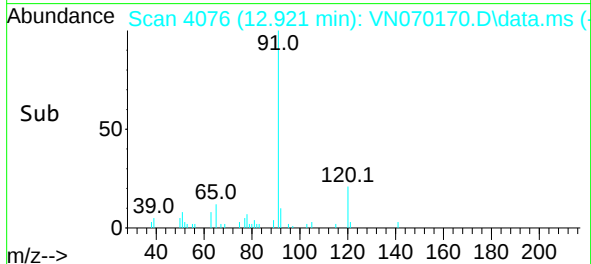
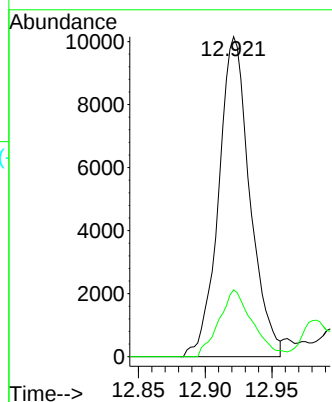
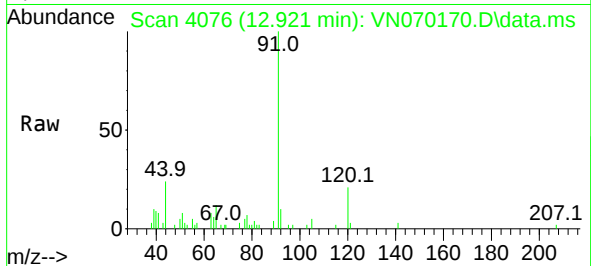




#78
n-propylbenzene
Concen: 0.367 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

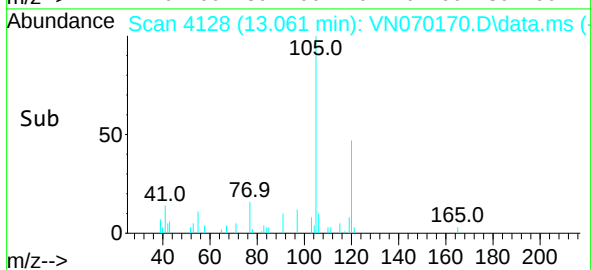
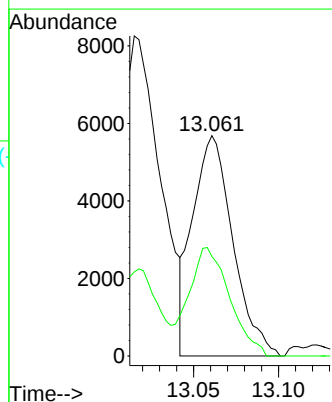
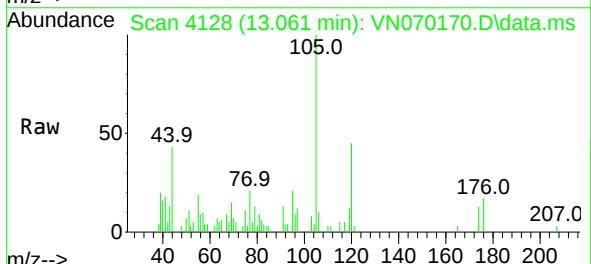
Instrument :
MSVOA_N
ClientSampleId :
MW-25

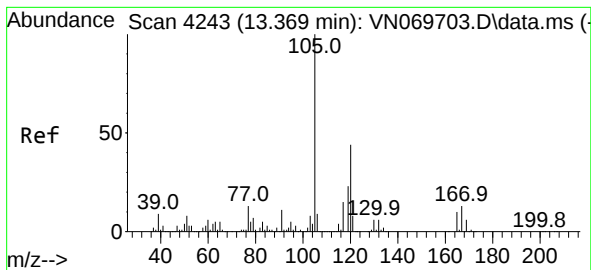
Tgt Ion: 91 Resp: 16521
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 0.287 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070170.D
Acq: 17 Dec 2021 17:52

Tgt Ion: 105 Resp: 9353
Ion Ratio Lower Upper
105 100
120 50.5 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 1.259 ug/l

RT: 13.369 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070170.D

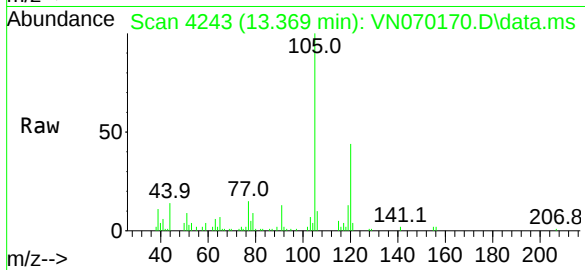
Acq: 17 Dec 2021 17:52

Instrument :

MSVOA_N

ClientSampleId :

MW-25



Tgt Ion:105 Resp: 39058

Ion Ratio Lower Upper

105 100

120 46.3 22.8 68.4

