

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070288.D
 Acq On : 22 Dec 2021 13:20
 Operator : JC/MD
 Sample : M5039-07DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27DL

Quant Time: Dec 22 13:48:44 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)

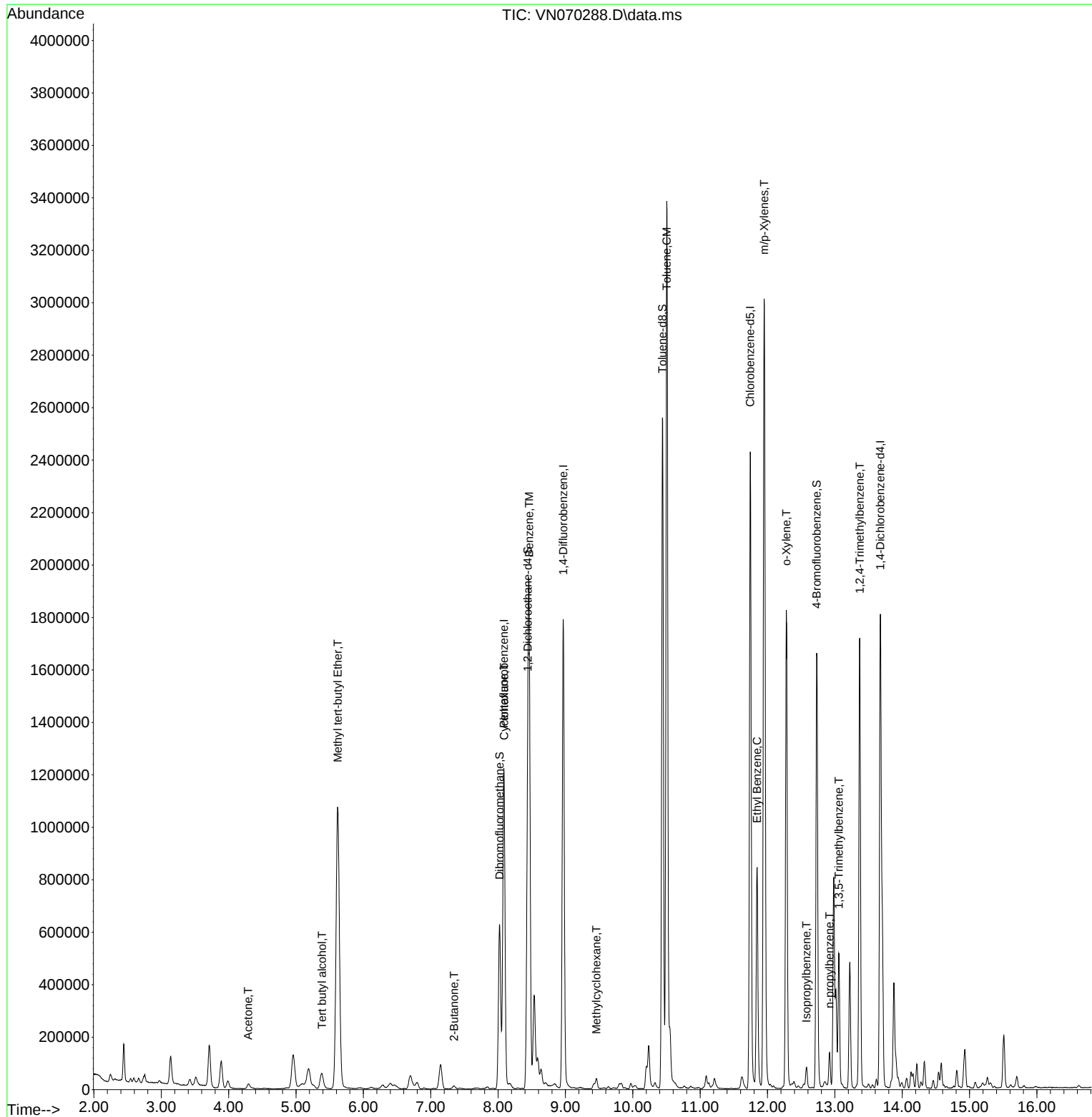
Internal Standards						
1) Pentafluorobenzene	8.088	168	877310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1510751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1325137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	484912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	694765	51.291	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.580%			
35) Dibromofluoromethane	8.021	113	461656	48.785	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.580%			
50) Toluene-d8	10.440	98	1755580	46.203	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.400%			
62) 4-Bromofluorobenzene	12.731	95	591262	42.952	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.900%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.388	59	104226	40.706	ug/l #	71
16) Acetone	4.291	43	31942	3.920	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1681850	51.760	ug/l	94
25) 2-Butanone	7.345	43	21820	1.971	ug/l	92
31) Cyclohexane	8.091	56	58976	3.129	ug/l #	79
39) Methylcyclohexane	9.461	83	14145	0.827	ug/l	92
40) Benzene	8.461	78	1630399	37.088	ug/l	98
52) Toluene	10.505	92	1450955	54.063	ug/l	98
67) Ethyl Benzene	11.846	91	605442	12.398	ug/l	96
68) m/p-Xylenes	11.950	106	968807	54.488	ug/l	91
69) o-Xylene	12.280	106	493653	27.564	ug/l	90
73) Isopropylbenzene	12.578	105	52651	1.220	ug/l	97
78) n-propylbenzene	12.921	91	106945	2.228	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	282671	8.140	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	1005801	30.413	ug/l	98

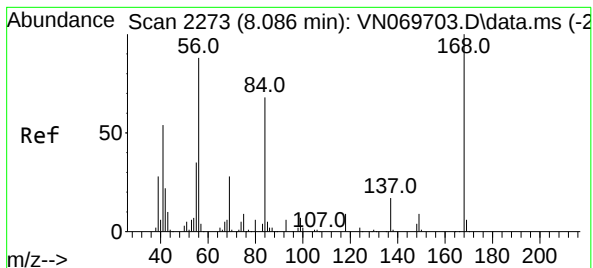
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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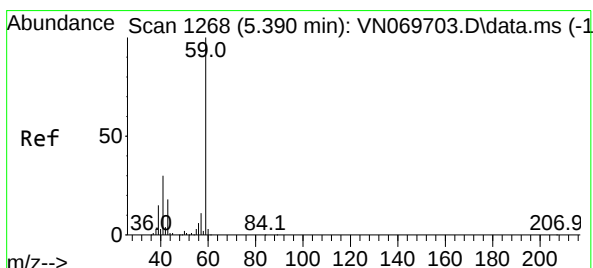
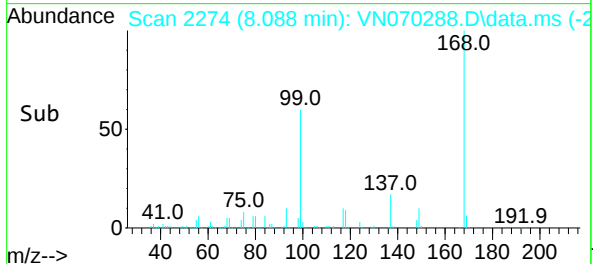
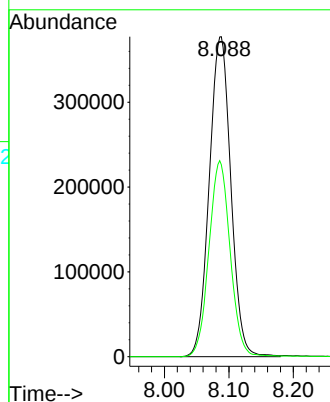
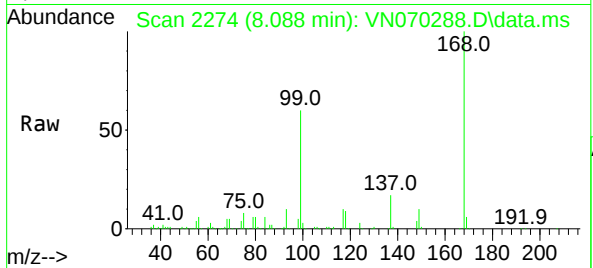




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

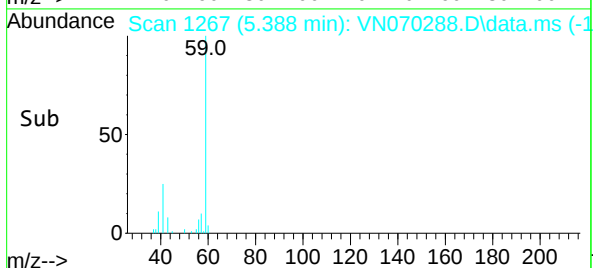
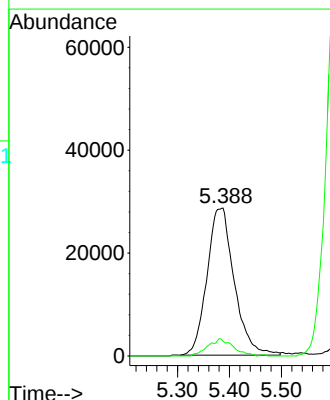
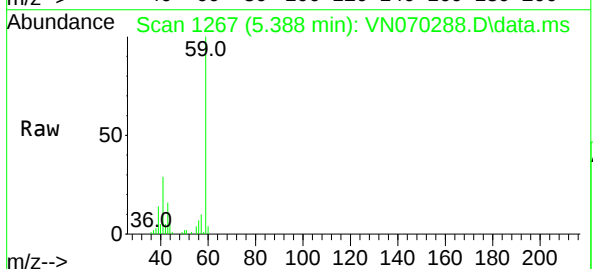
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

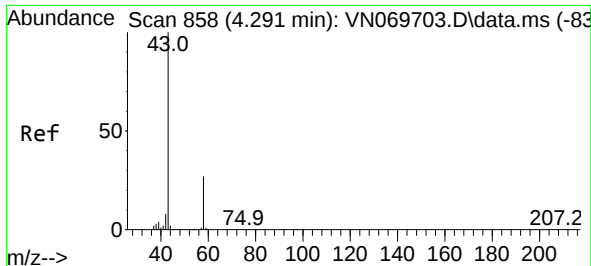
Tgt Ion:168 Resp: 877310
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#11
Tert butyl alcohol
Concen: 40.706 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 59 Resp: 104226
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

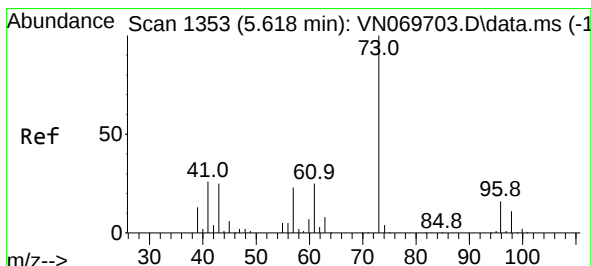
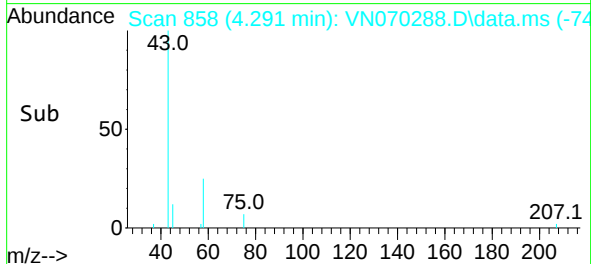
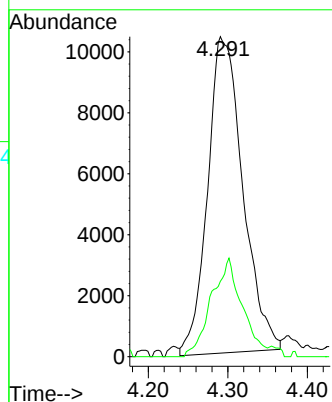
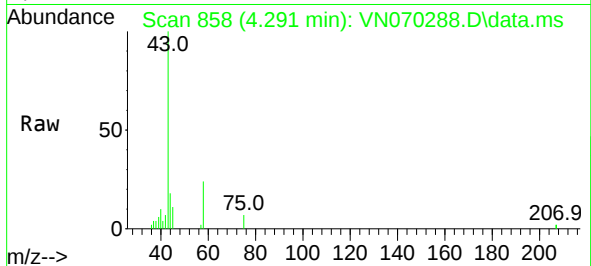




#16
Acetone
Concen: 3.920 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

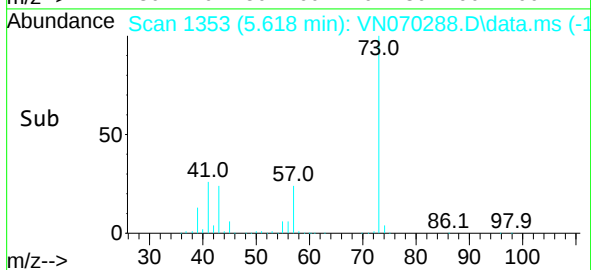
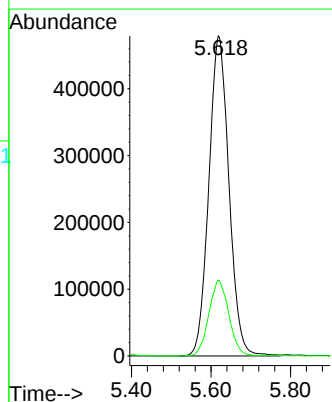
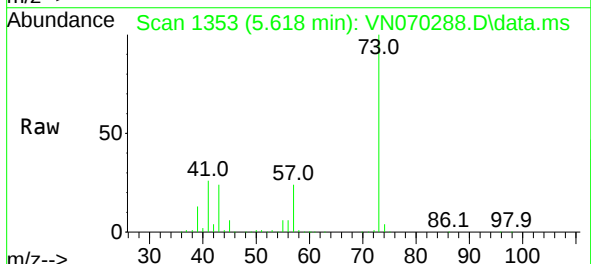
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

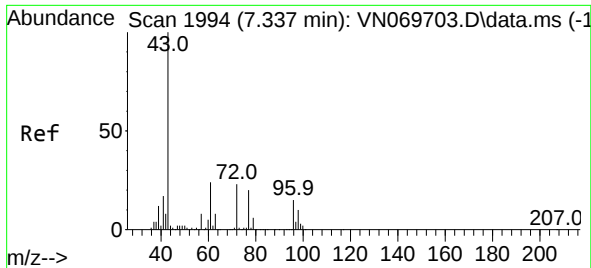
Tgt Ion: 43 Resp: 31942
Ion Ratio Lower Upper
43 100
58 24.2 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 51.760 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 73 Resp: 1681850
Ion Ratio Lower Upper
73 100
57 23.7 16.8 25.2

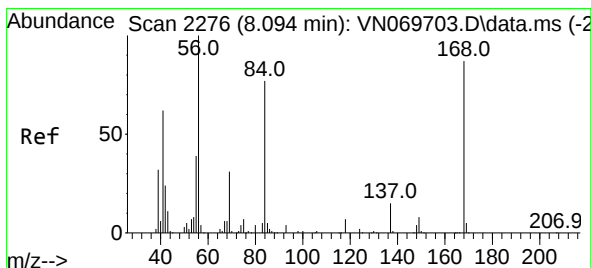
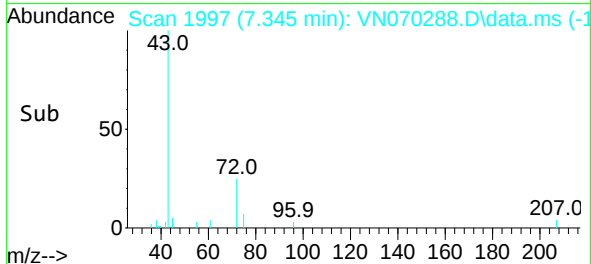
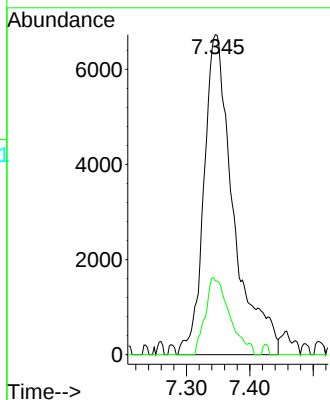
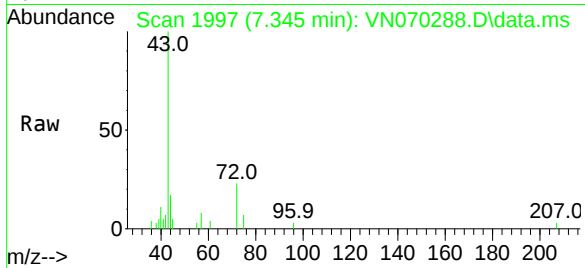




#25
2-Butanone
Concen: 1.971 ug/l
RT: 7.345 min Scan# 1994
Delta R.T. 0.008 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

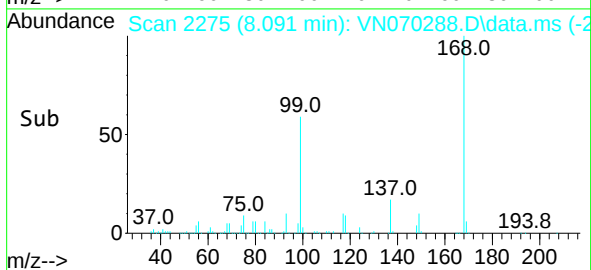
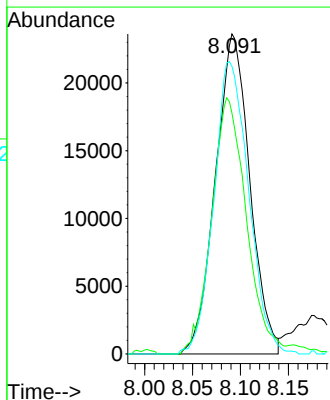
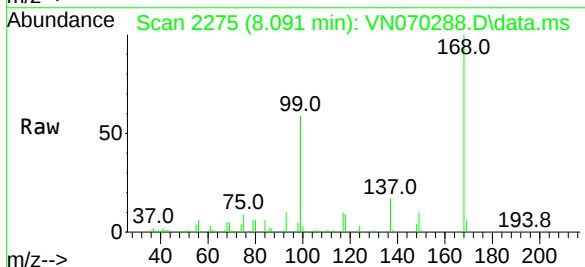
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

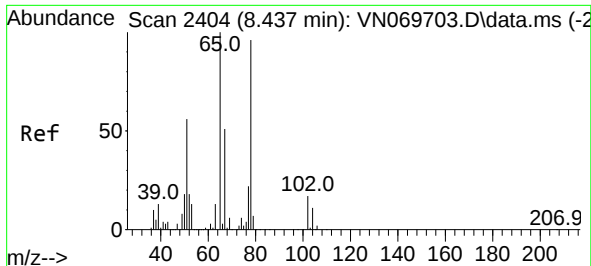
Tgt Ion: 43 Resp: 21820
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5



#31
Cyclohexane
Concen: 3.129 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 56 Resp: 58976
Ion Ratio Lower Upper
56 100
69 75.2 27.1 40.7#
84 89.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 51.291 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070288.D

Acq: 22 Dec 2021 13:20

Instrument :

MSVOA_N

ClientSampleId :

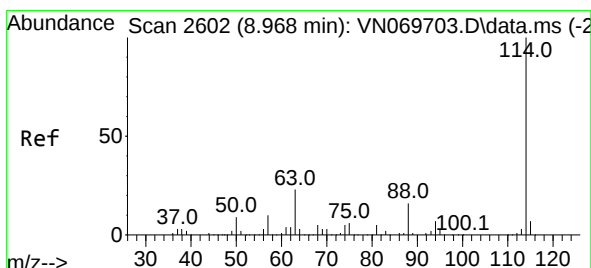
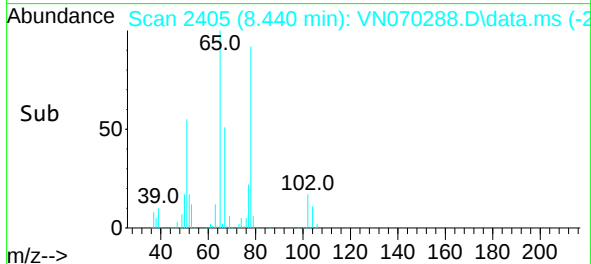
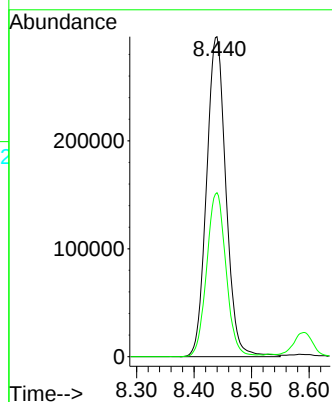
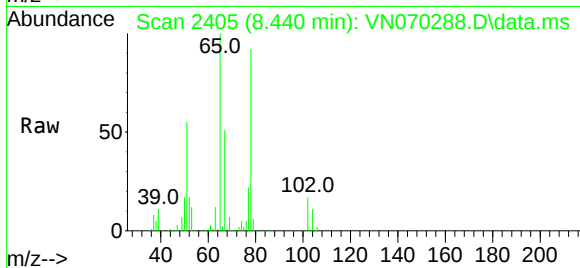
MW-27DL

Tgt Ion: 65 Resp: 694765

Ion Ratio Lower Upper

65 100

67 51.1 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: VN070288.D

Acq: 22 Dec 2021 13:20

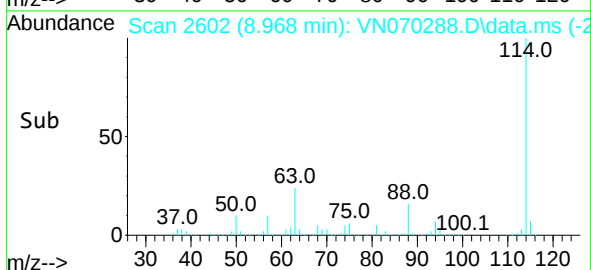
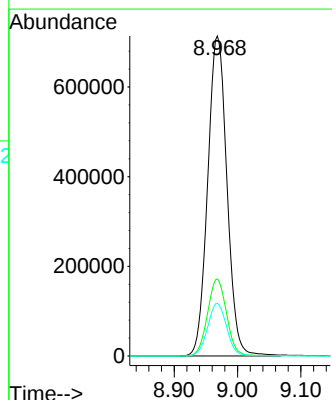
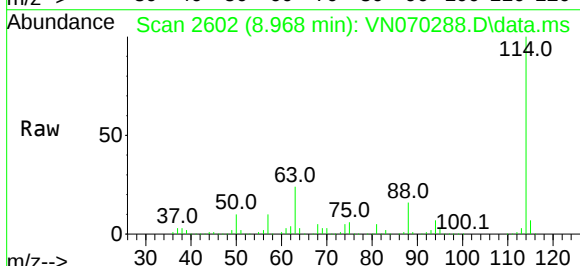
Tgt Ion: 114 Resp: 1510751

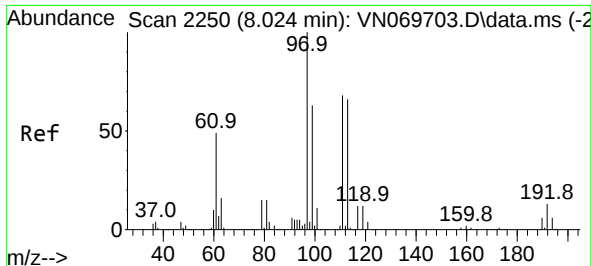
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 16.4 0.0 27.4

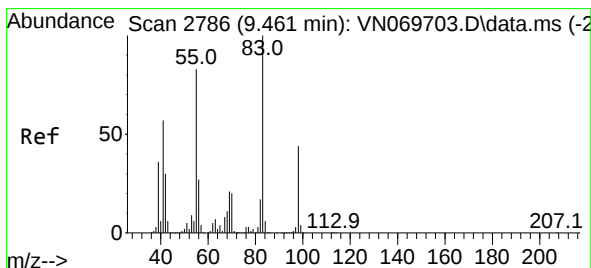
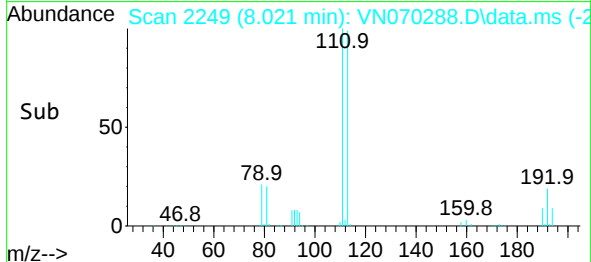
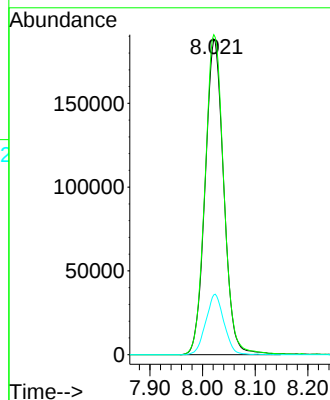
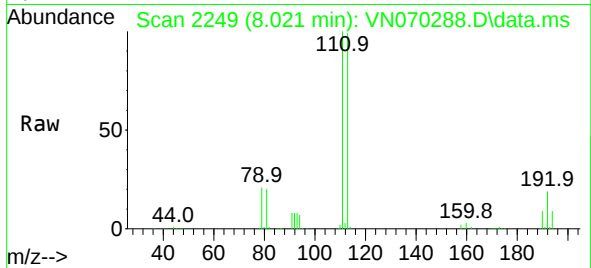




#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

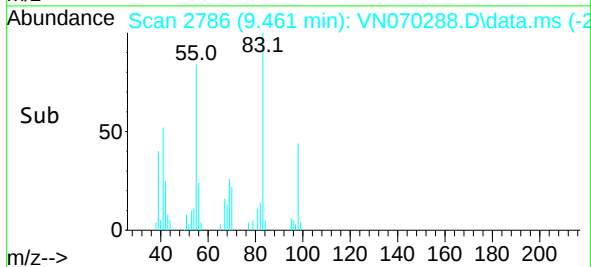
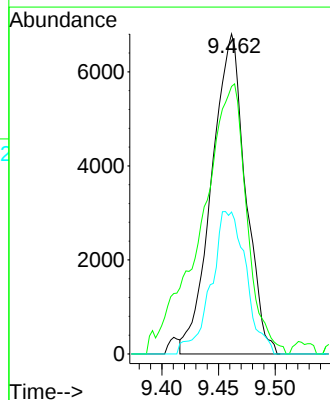
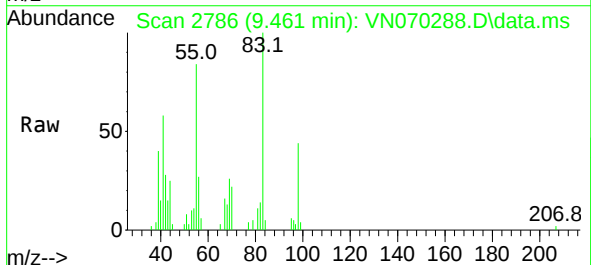
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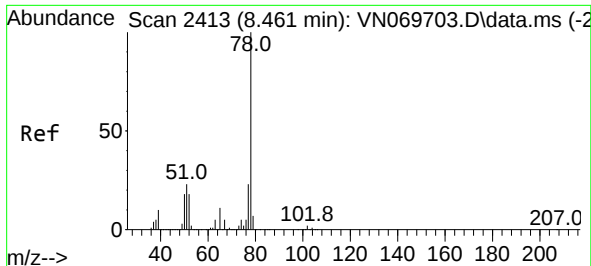
Tgt Ion:113 Resp: 461656
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.7 16.9 25.3



#39
Methylcyclohexane
Concen: 0.827 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 83 Resp: 14145
Ion Ratio Lower Upper
83 100
55 81.1 58.1 87.1
98 44.4 38.4 57.6

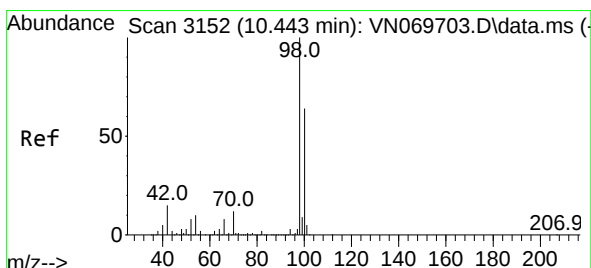
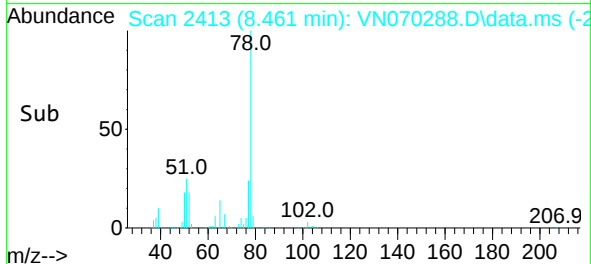
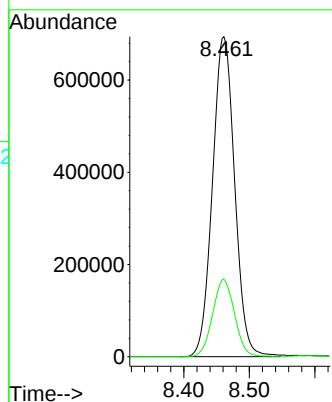
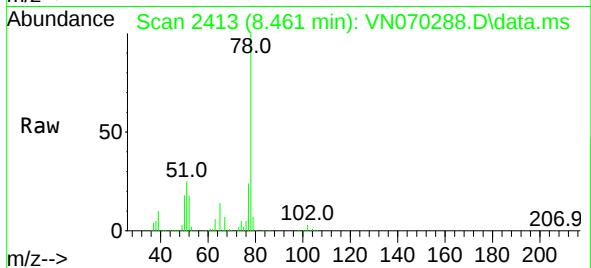




#40
Benzene
Concen: 37.088 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

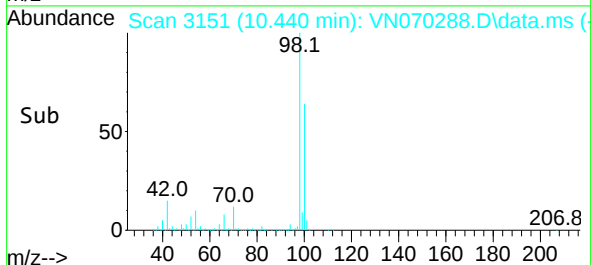
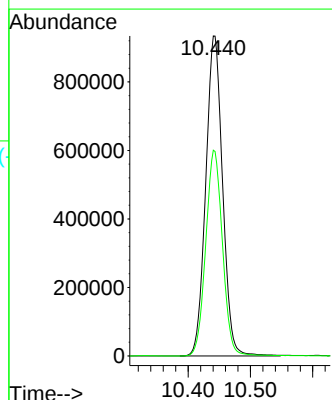
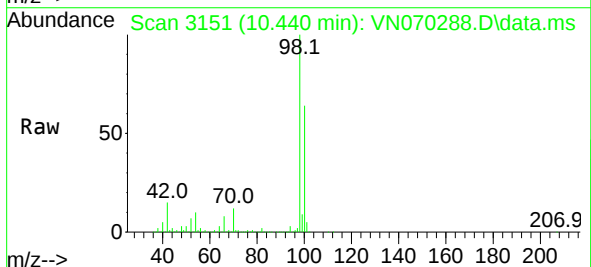
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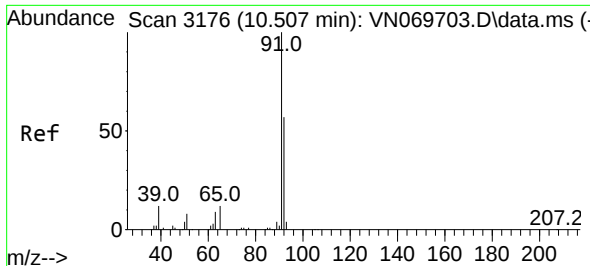
Tgt Ion: 78 Resp: 1630399
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8



#50
Toluene-d8
Concen: 46.203 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 98 Resp: 1755580
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

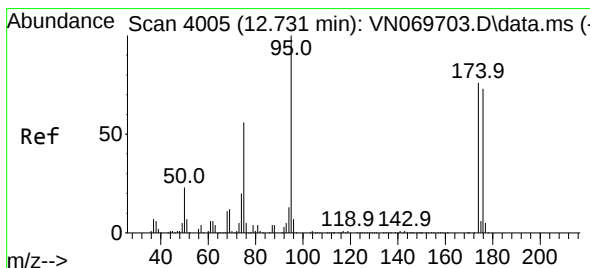
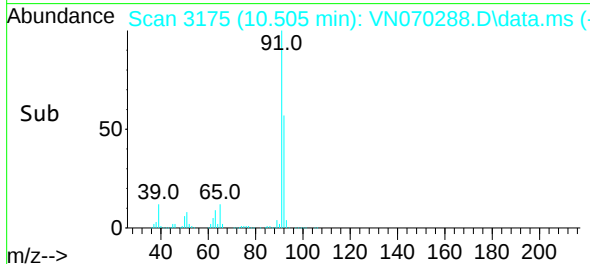
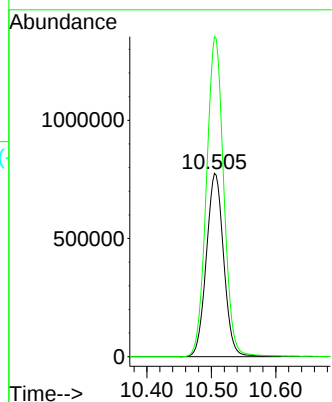
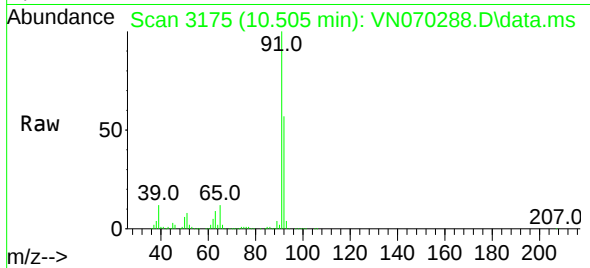




#52
Toluene
Concen: 54.063 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

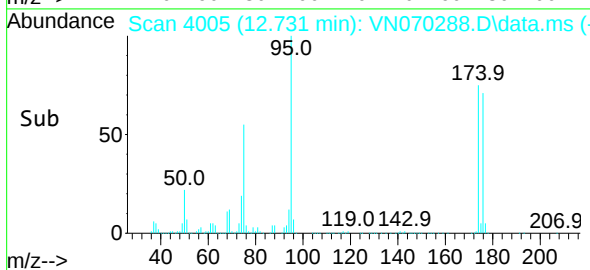
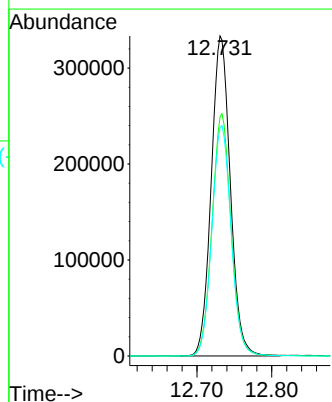
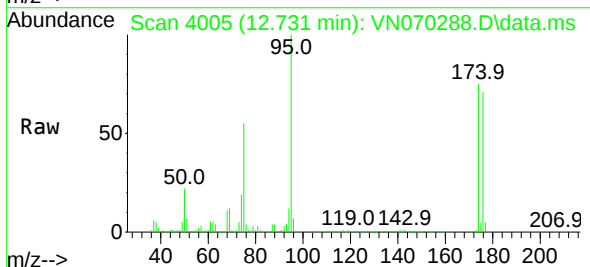
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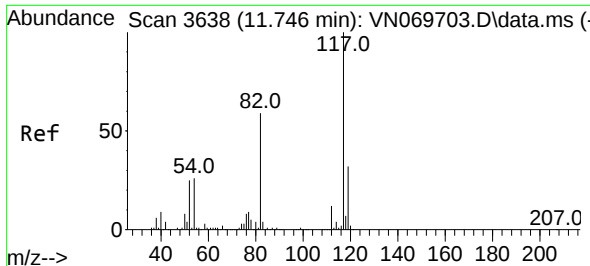
Tgt Ion: 92 Resp: 1450955
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 42.952 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 95 Resp: 591262
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.5 0.0 181.4

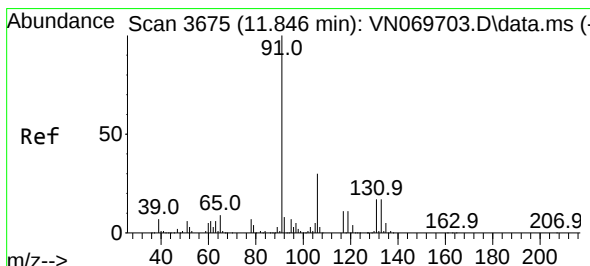
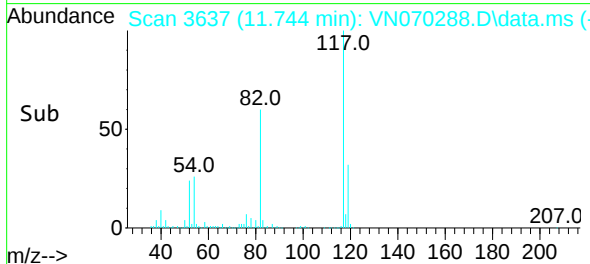
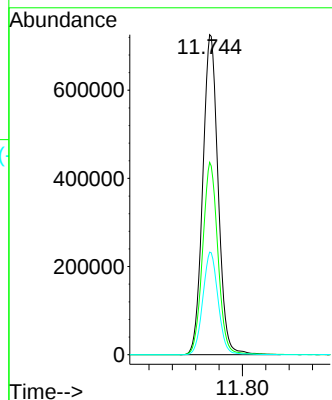
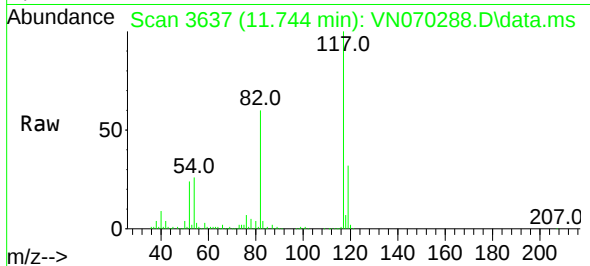




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

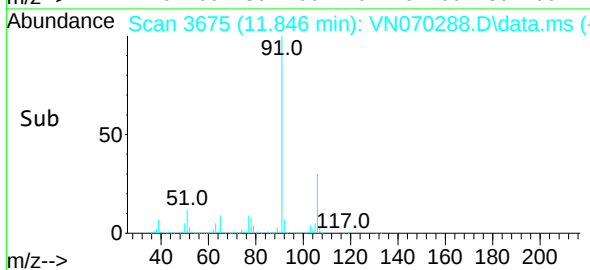
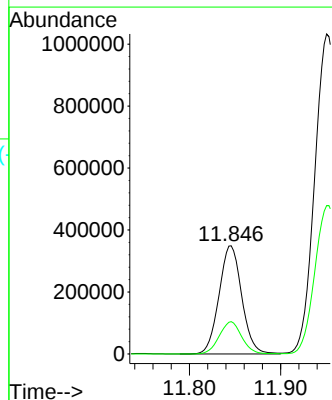
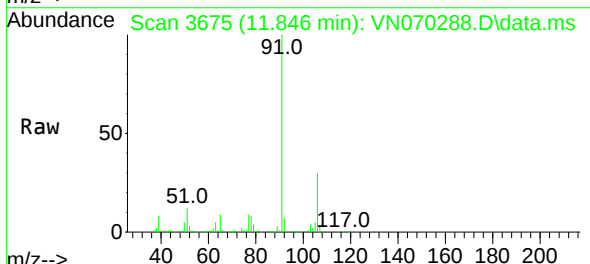
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

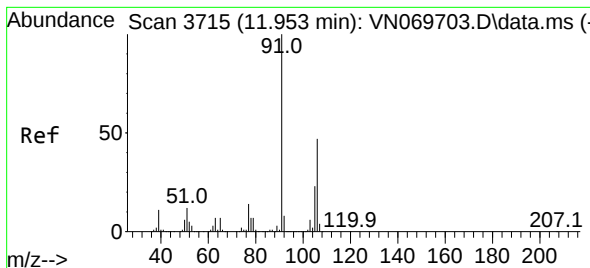
Tgt Ion:117 Resp: 1325137
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 12.398 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 91 Resp: 605442
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

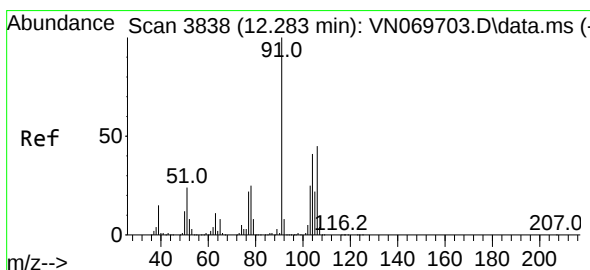
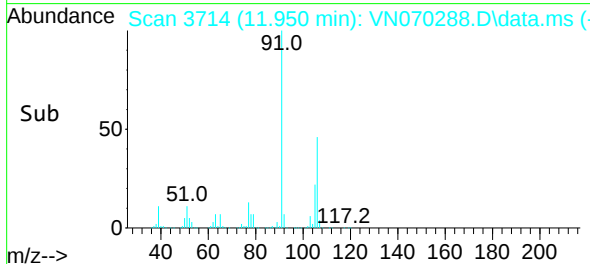
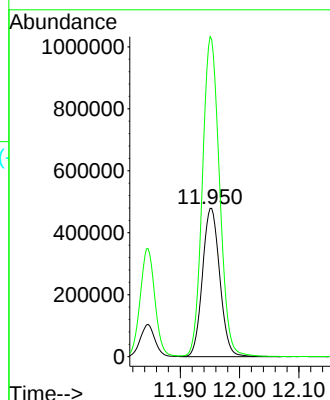
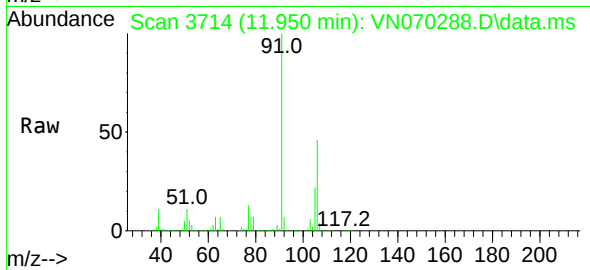




#68
m/p-Xylenes
Concen: 54.488 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

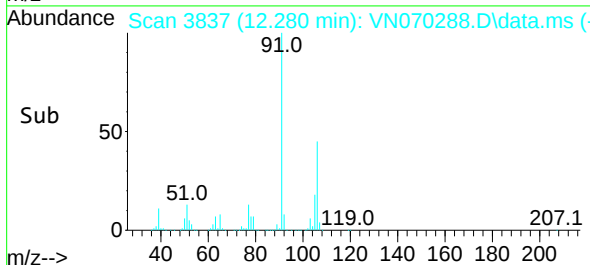
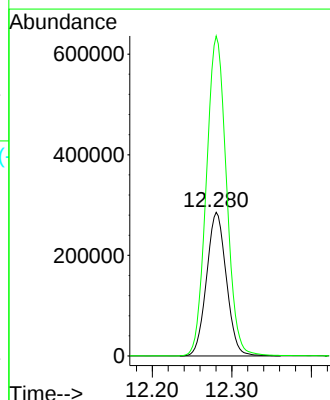
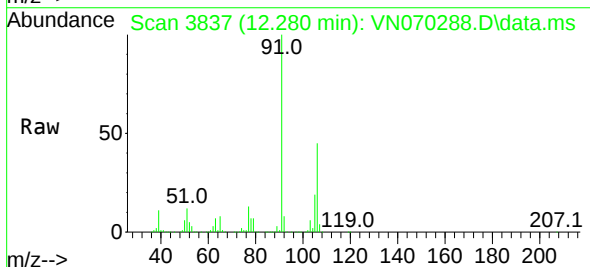
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

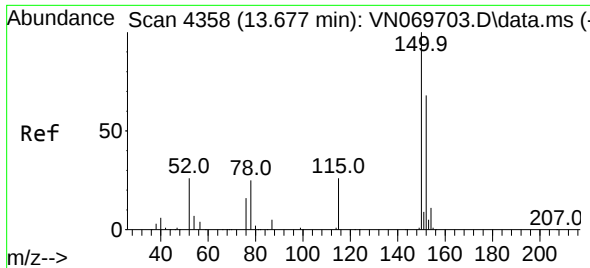
Tgt Ion:106 Resp: 968807
Ion Ratio Lower Upper
106 100
91 214.2 160.6 240.8



#69
o-Xylene
Concen: 27.564 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion:106 Resp: 493653
Ion Ratio Lower Upper
106 100
91 226.9 105.8 317.3

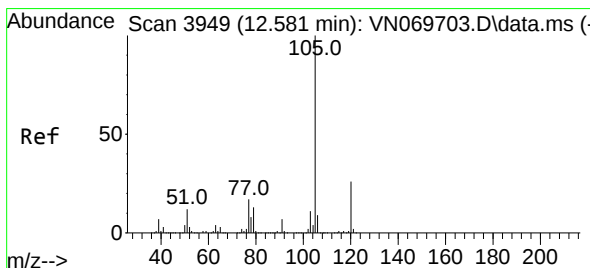
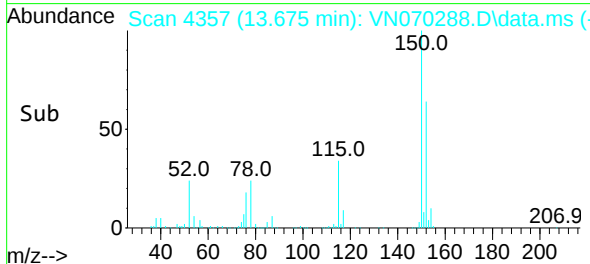
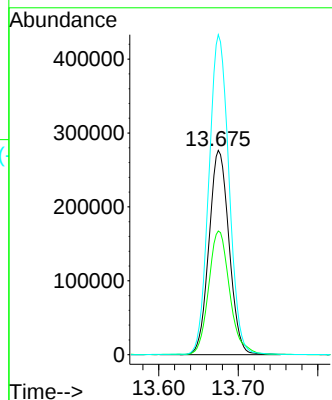
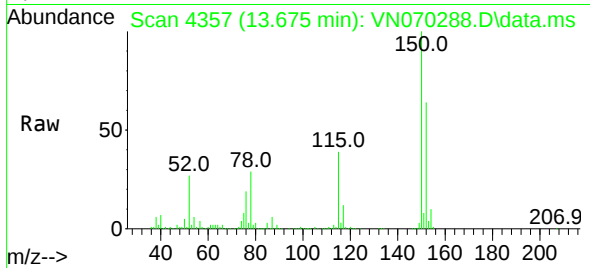




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

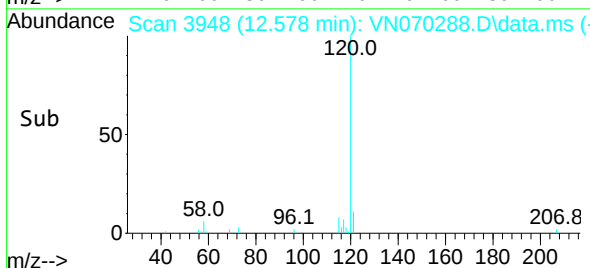
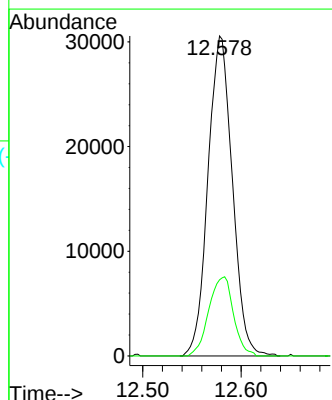
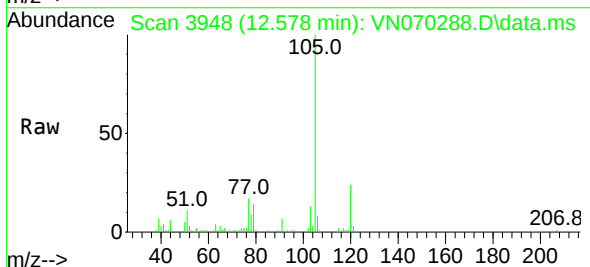
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

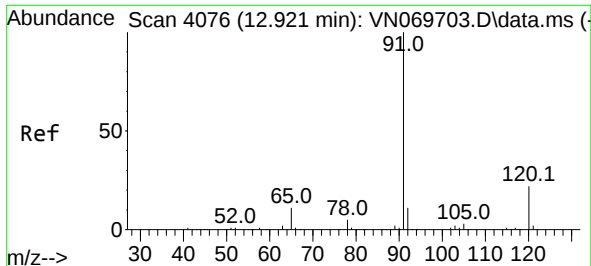
Tgt Ion:152 Resp: 484912
Ion Ratio Lower Upper
152 100
115 63.1 27.5 82.5
150 155.9 0.0 344.4



#73
Isopropylbenzene
Concen: 1.220 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion:105 Resp: 52651
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1

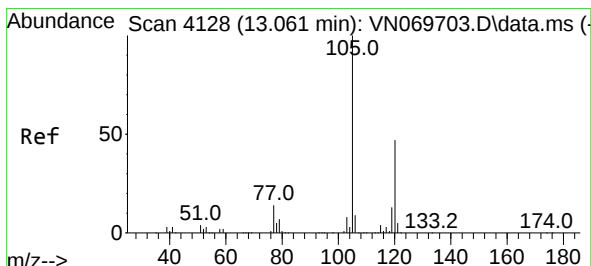
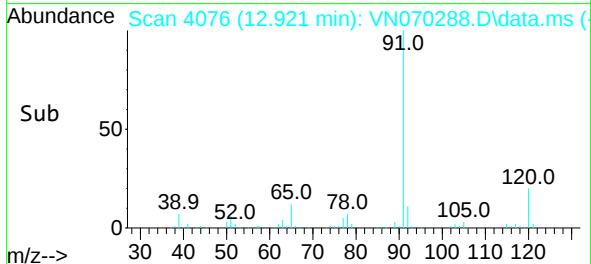
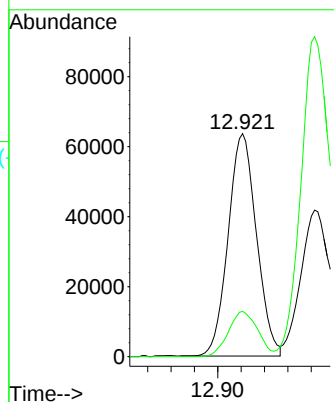
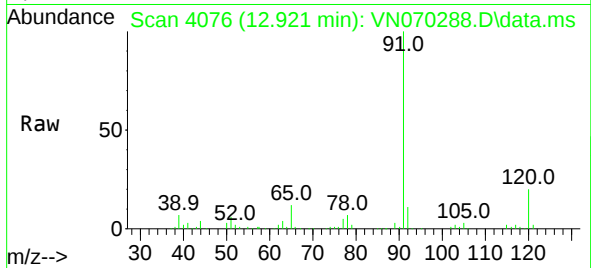




#78
n-propylbenzene
Concen: 2.228 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

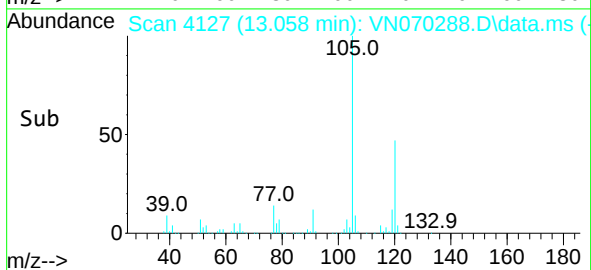
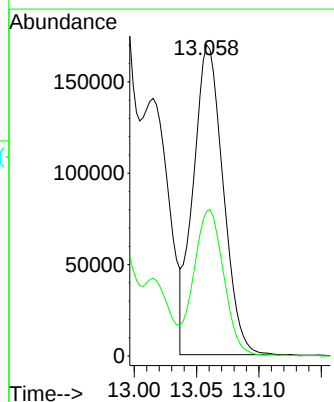
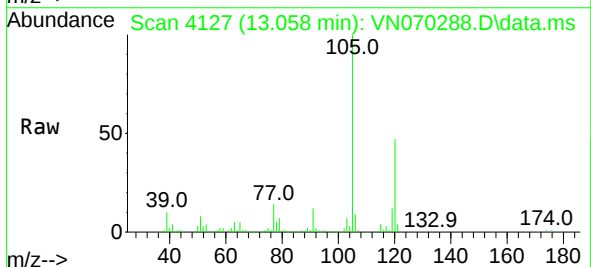
Instrument :
MSVOA_N
ClientSampleId :
MW-27DL

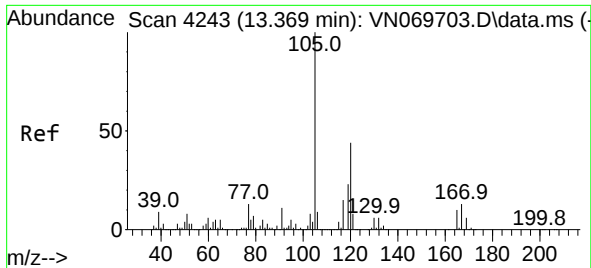
Tgt Ion: 91 Resp: 106945
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 8.140 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070288.D
Acq: 22 Dec 2021 13:20

Tgt Ion: 105 Resp: 282671
Ion Ratio Lower Upper
105 100
120 46.5 24.6 73.6





#84
 1,2,4-Trimethylbenzene
 Concen: 30.413 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070288.D
 Acq: 22 Dec 2021 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27DL

Tgt Ion:105 Resp: 1005801
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.8 68.4

