

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070912.D
 Acq On : 3 Feb 2022 00:31
 Operator : JC/MD
 Sample : N1342-01DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31523DL

Quant Time: Feb 03 06:00:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

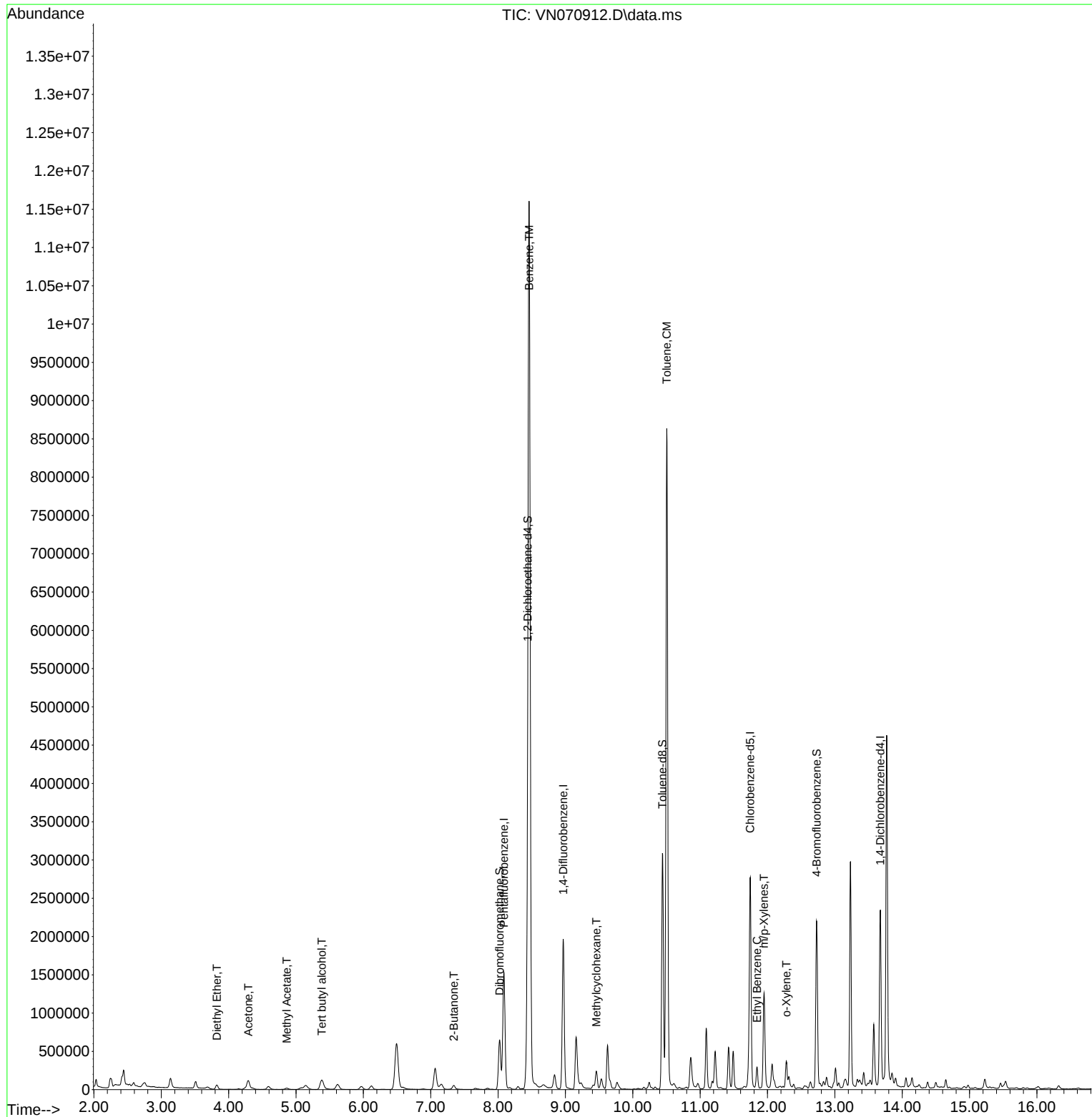
Internal Standards						
1) Pentafluorobenzene	8.086	168	1080371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1689130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1502634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	625862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	669444	45.777	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.560%
35) Dibromofluoromethane	8.024	113	485773	48.007	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.020%
50) Toluene-d8	10.440	98	2063453	49.666	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.731	95	726256	48.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.020%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.824	74	29957	3.657	ug/l	87
11) Tert butyl alcohol	5.382	59	209364	68.132	ug/l	100
16) Acetone	4.293	43	224151	25.634	ug/l	98
18) Methyl Acetate	4.862	43	35350	1.315	ug/l #	84
25) 2-Butanone	7.343	43	87784	6.955	ug/l	92
39) Methylcyclohexane	9.459	83	97638	4.832	ug/l	91
40) Benzene	8.461	78	11831062	229.083	ug/l	98
52) Toluene	10.505	92	3805796	118.933	ug/l	96
67) Ethyl Benzene	11.843	91	201437	3.514	ug/l	96
68) m/p-Xylenes	11.948	106	389968	18.358	ug/l	93
69) o-Xylene	12.280	106	98005	4.610	ug/l	95

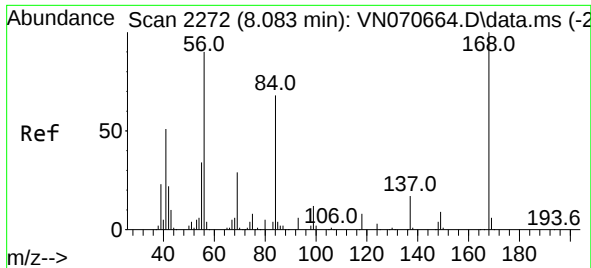
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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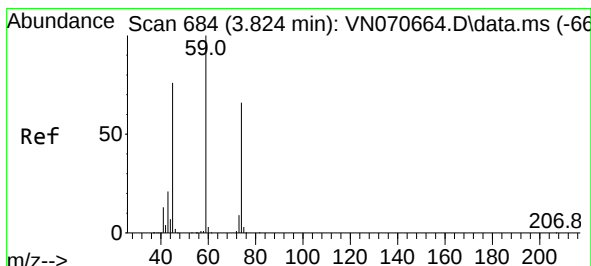
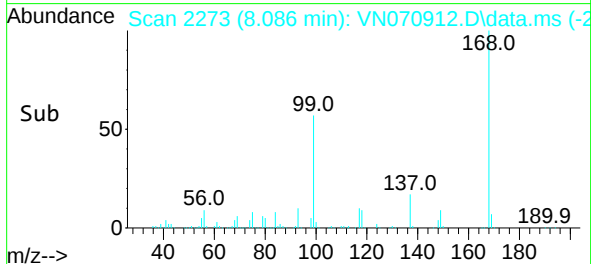
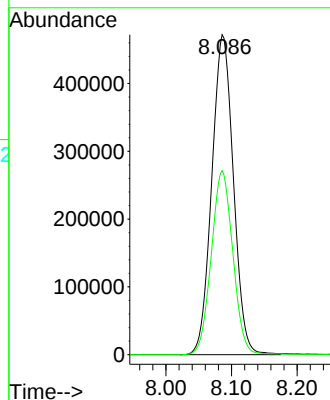
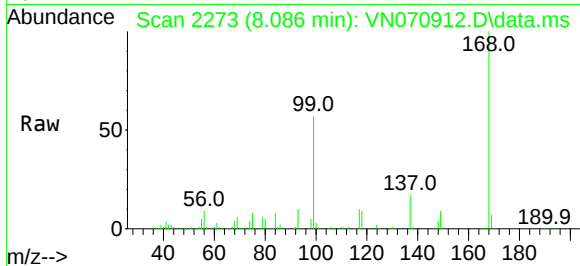




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

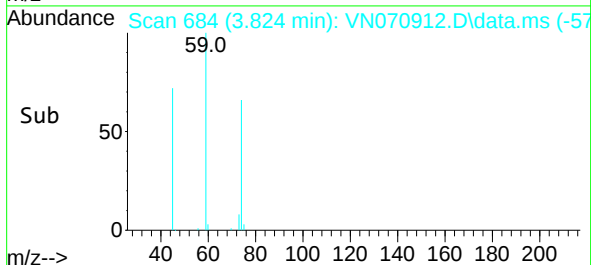
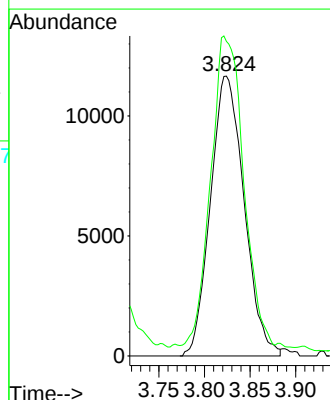
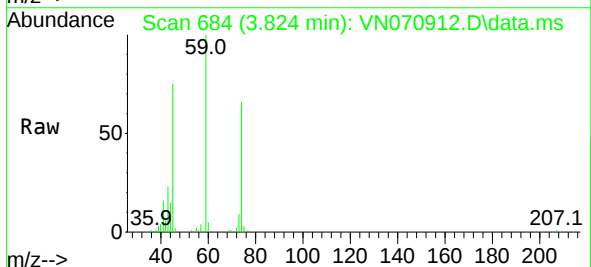
Instrument :
MSVOA_N
ClientSampleId :
31523DL

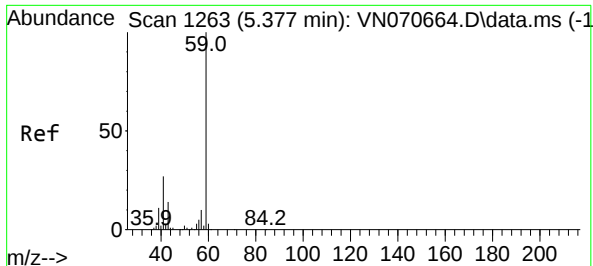
Tgt Ion:168 Resp: 1080371
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#8
Diethyl Ether
Concen: 3.657 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 74 Resp: 29957
Ion Ratio Lower Upper
74 100
45 106.8 47.0 141.2

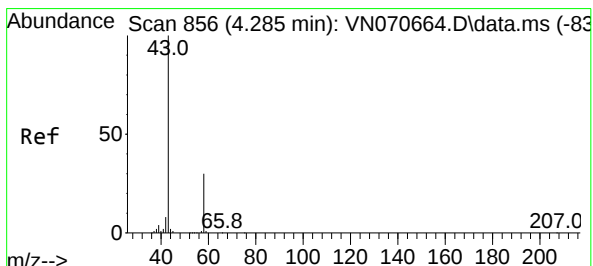
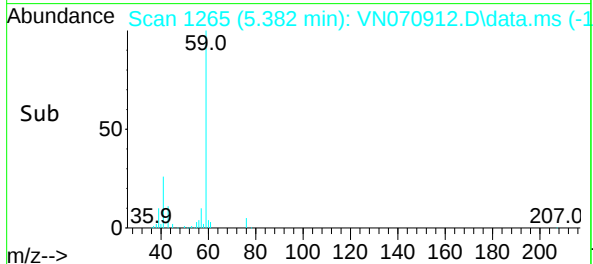
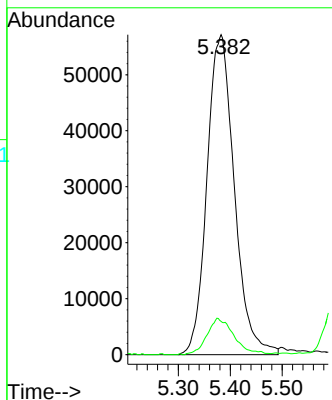
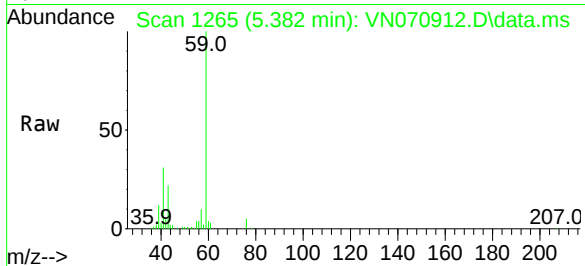




#11
Tert butyl alcohol
Concen: 68.132 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

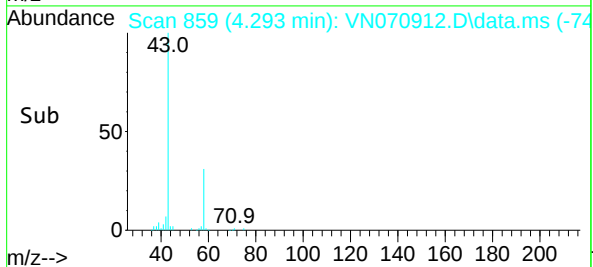
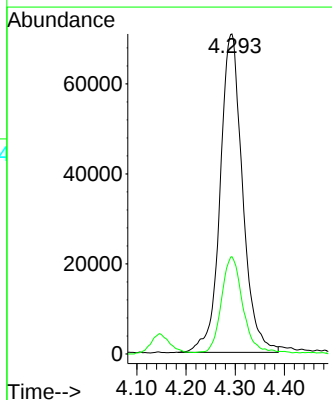
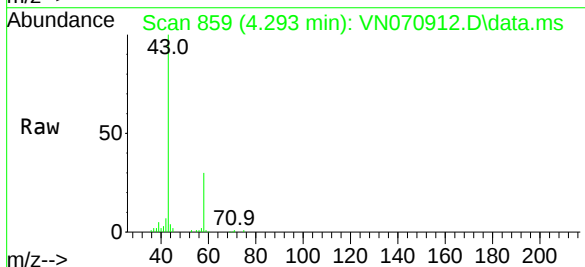
Instrument :
MSVOA_N
ClientSampleId :
31523DL

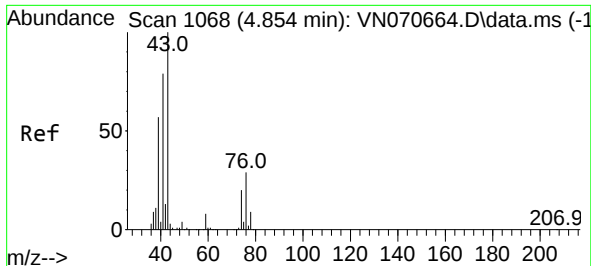
Tgt Ion: 59 Resp: 209364
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1



#16
Acetone
Concen: 25.634 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 43 Resp: 224151
Ion Ratio Lower Upper
43 100
58 29.8 23.1 34.7

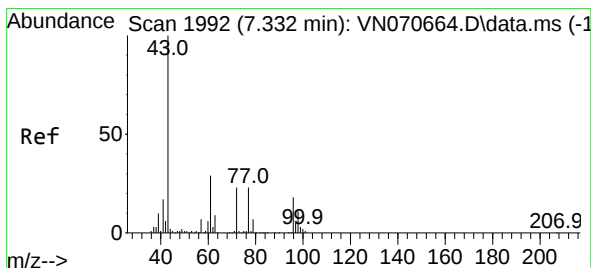
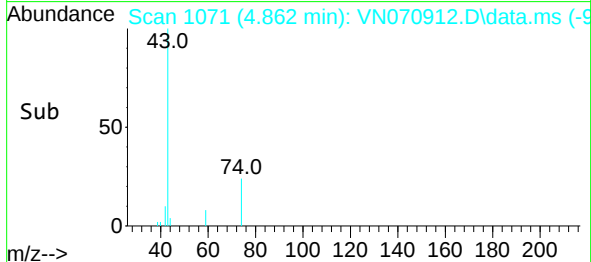
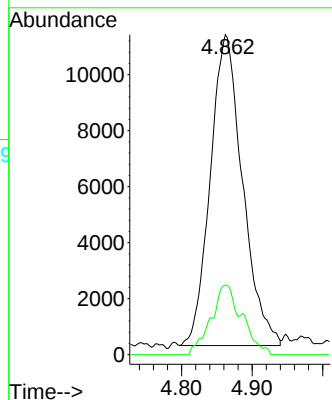
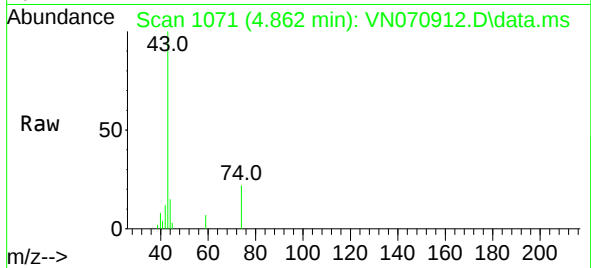




#18
Methyl Acetate
Concen: 1.315 ug/l
RT: 4.862 min Scan# 1068
Delta R.T. 0.008 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

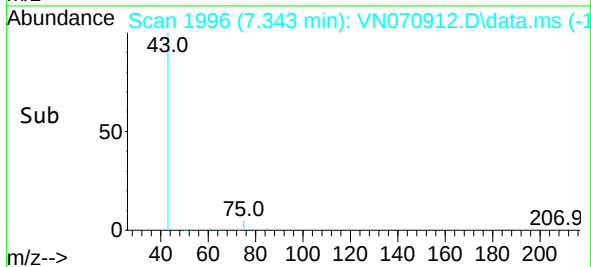
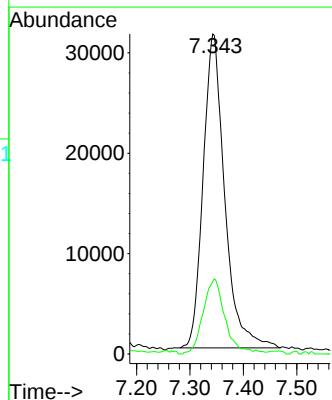
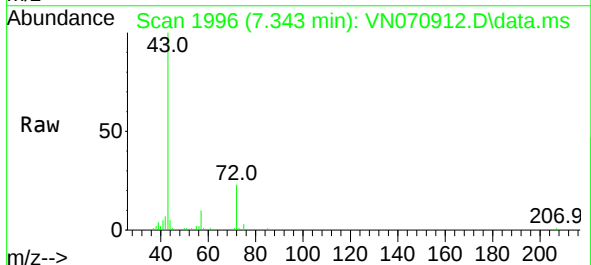
Instrument :
MSVOA_N
ClientSampleId :
31523DL

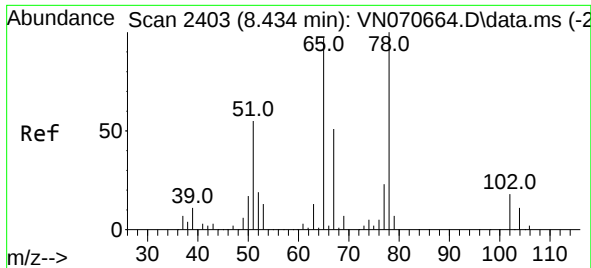
Tgt Ion: 43 Resp: 35350
Ion Ratio Lower Upper
43 100
74 16.6 19.4 29.2#



#25
2-Butanone
Concen: 6.955 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 43 Resp: 87784
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

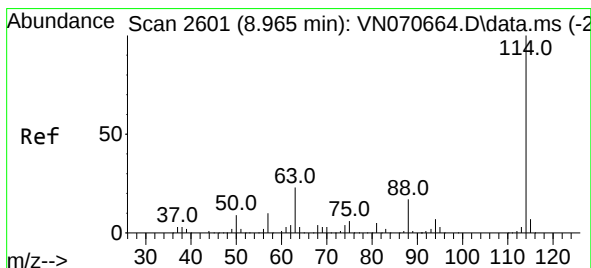
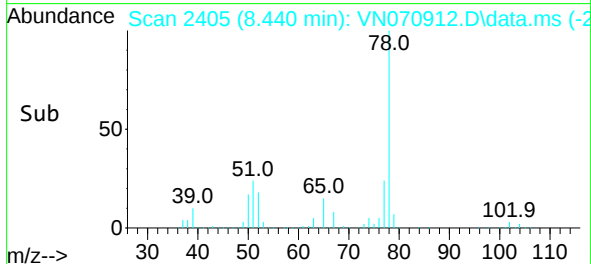
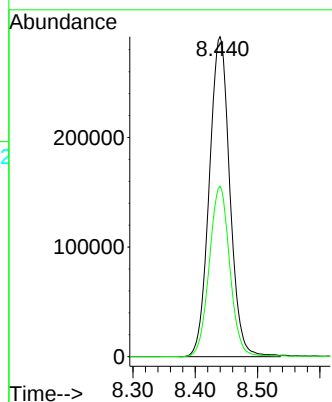
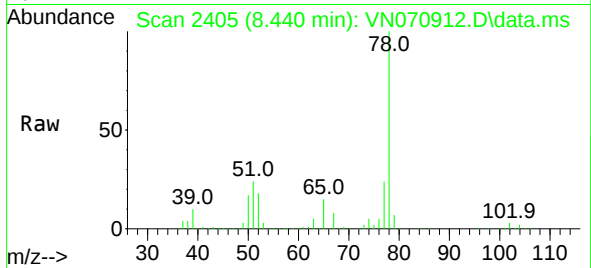




#33
 1,2-Dichloroethane-d4
 Concen: 45.777 ug/l
 RT: 8.440 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VN070912.D
 Acq: 3 Feb 2022 00:31

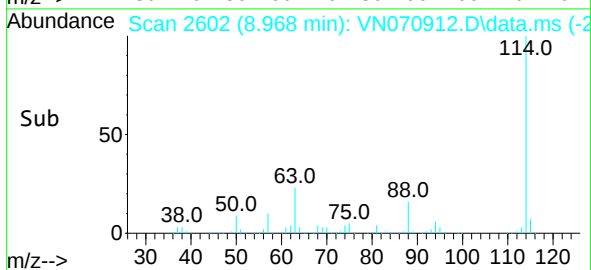
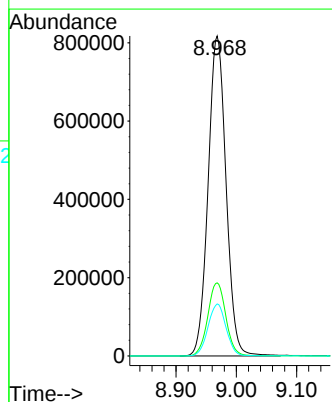
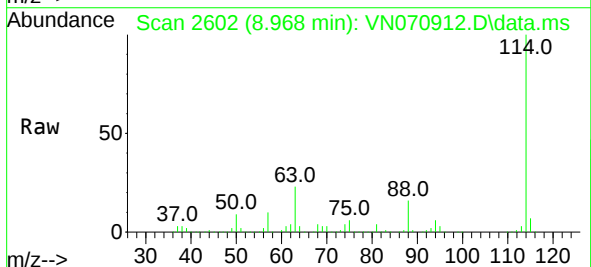
Instrument :
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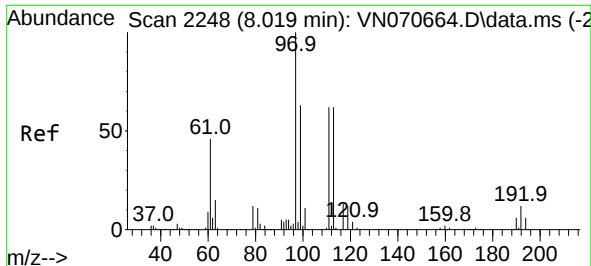
Tgt Ion: 65 Resp: 669444
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.003 min
 Lab File: VN070912.D
 Acq: 3 Feb 2022 00:31

Tgt Ion: 114 Resp: 1689130
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 37.8
 88 16.2 0.0 27.4

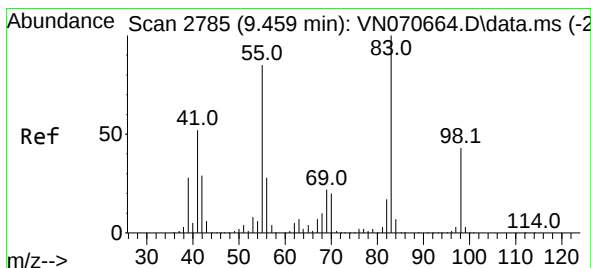
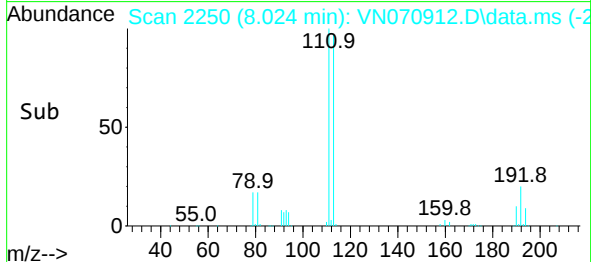
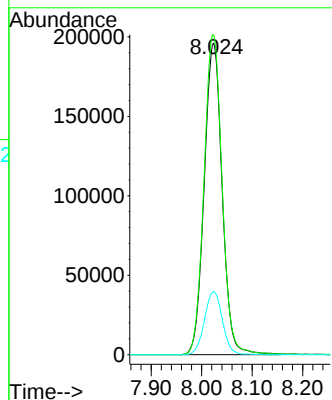
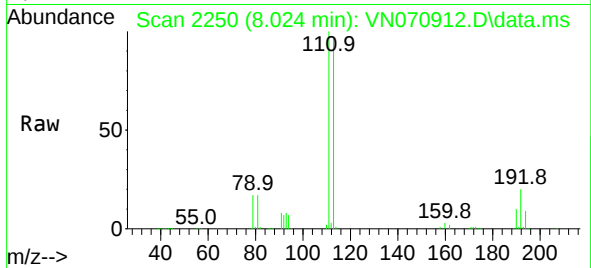




#35
Dibromofluoromethane
Concen: 48.007 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

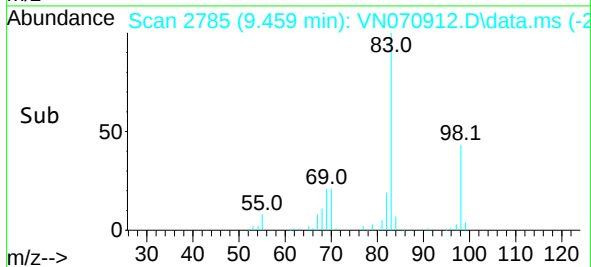
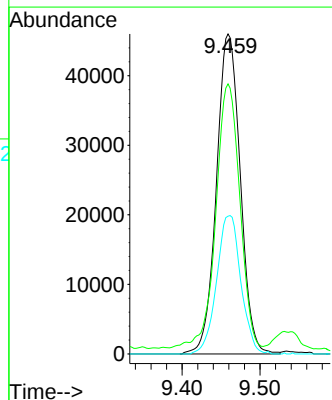
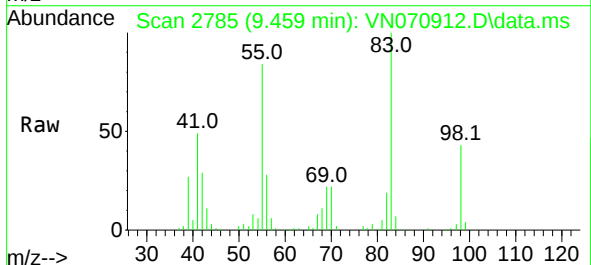
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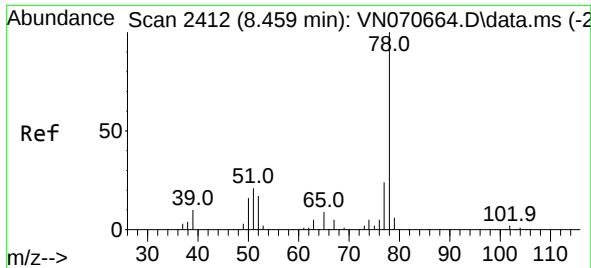
Tgt Ion:113 Resp: 485773
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.3 16.9 25.3



#39
Methylcyclohexane
Concen: 4.832 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 83 Resp: 97638
Ion Ratio Lower Upper
83 100
55 81.6 58.1 87.1
98 43.0 38.4 57.6

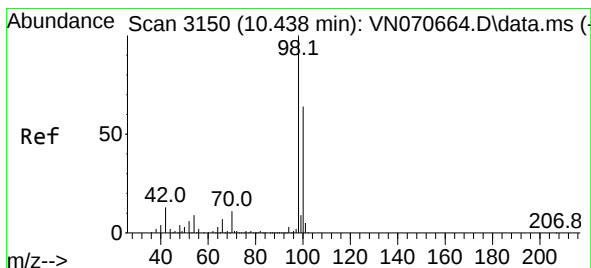
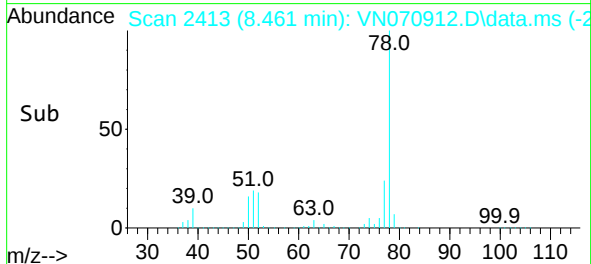
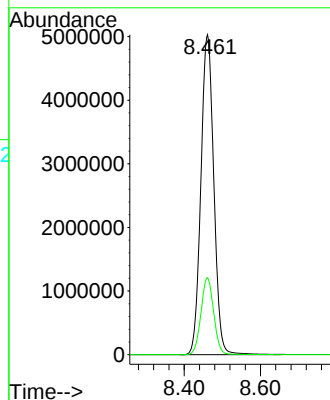
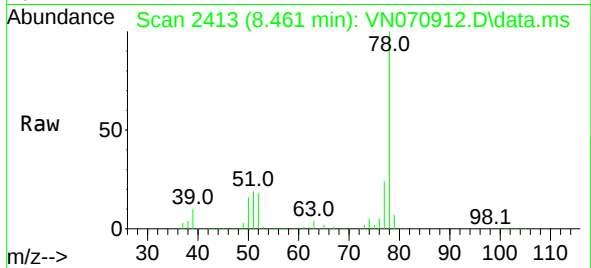




#40
Benzene
Concen: 229.083 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

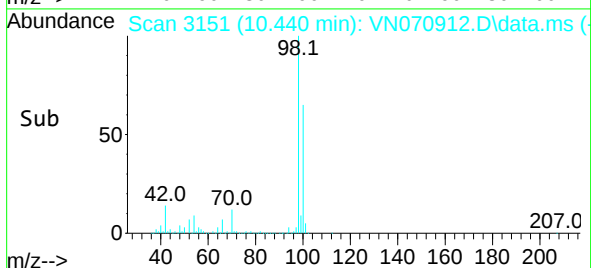
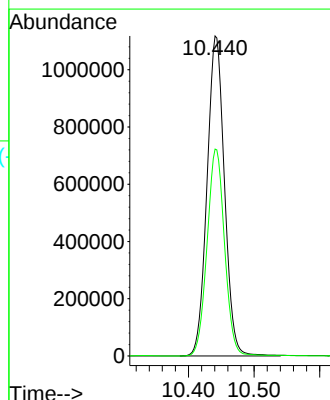
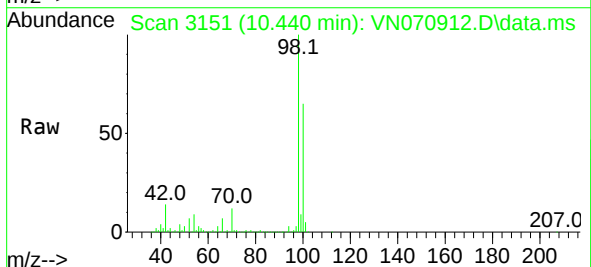
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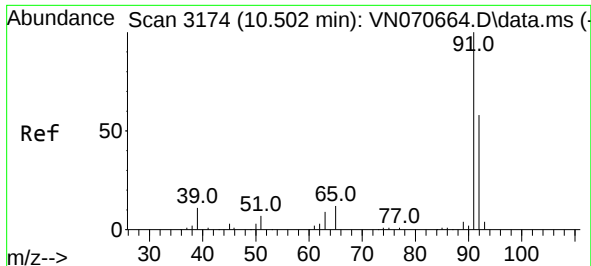
Tgt Ion: 78 Resp:11831062
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8



#50
Toluene-d8
Concen: 49.666 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 98 Resp: 2063453
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6

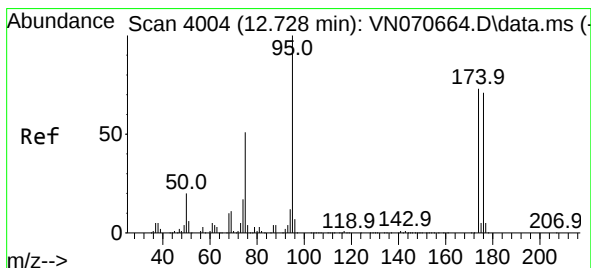
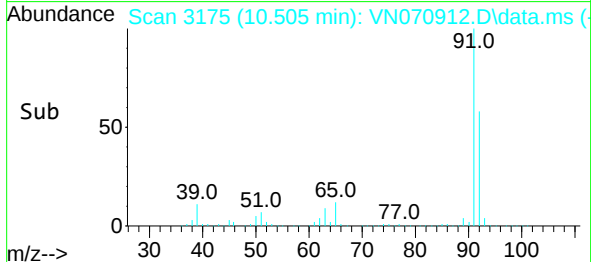
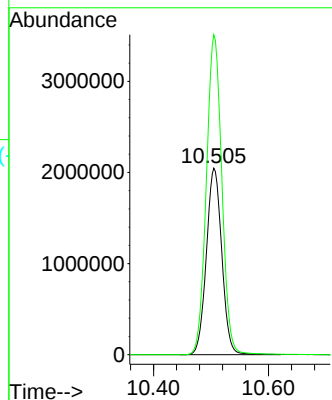
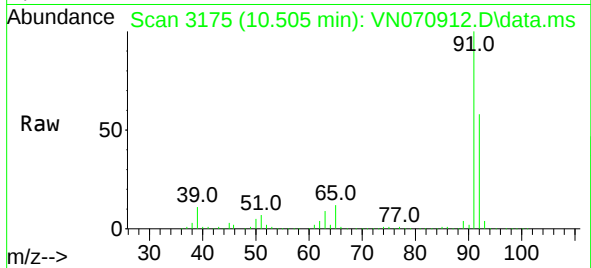




#52
Toluene
Concen: 118.933 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

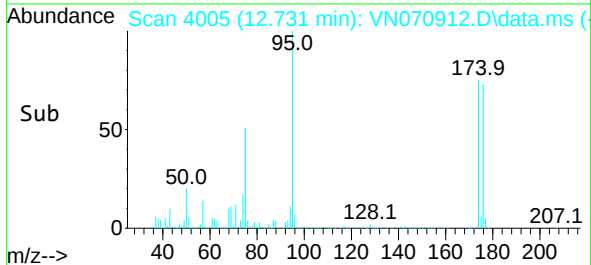
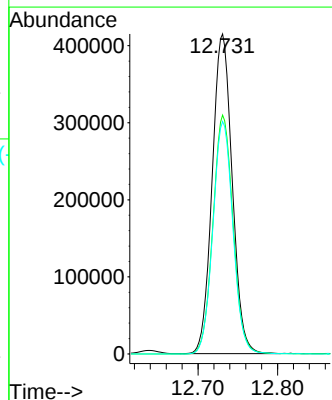
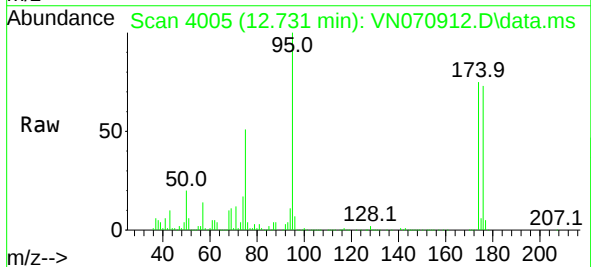
Instrument :
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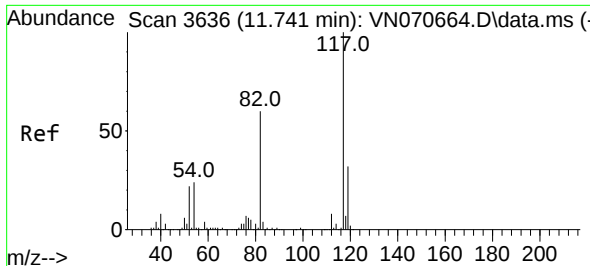
Tgt Ion: 92 Resp: 3805796
Ion Ratio Lower Upper
92 100
91 172.4 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 48.513 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 95 Resp: 726256
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.7 0.0 181.4

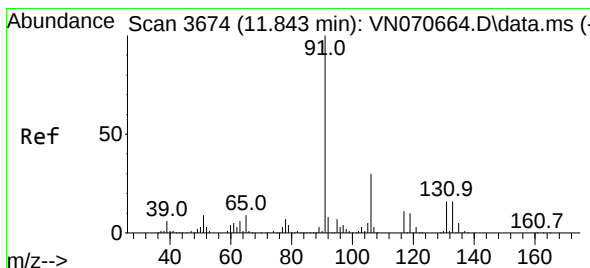
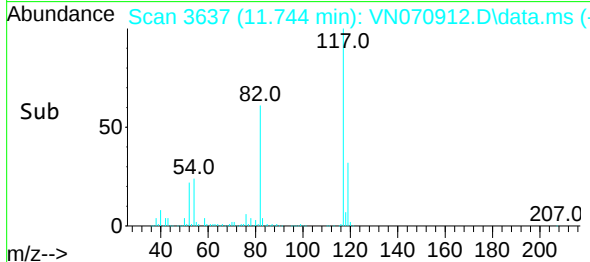
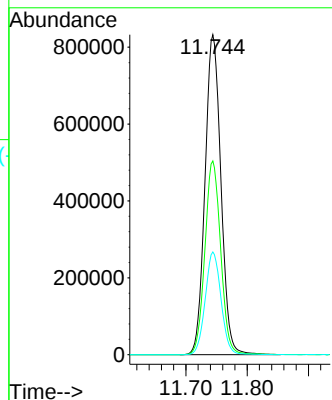
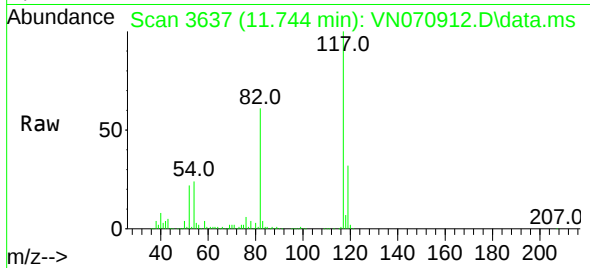




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. -0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

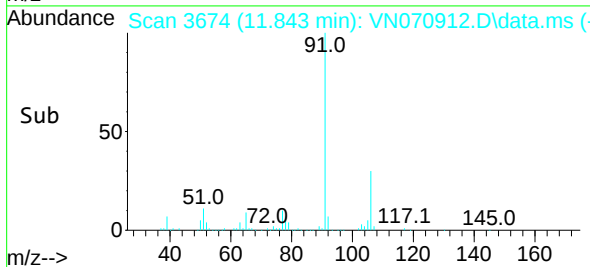
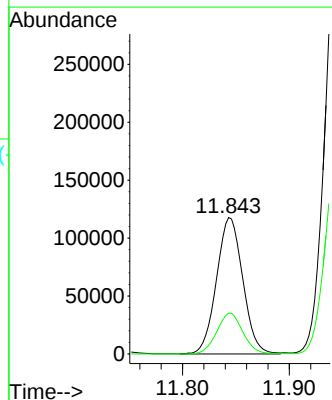
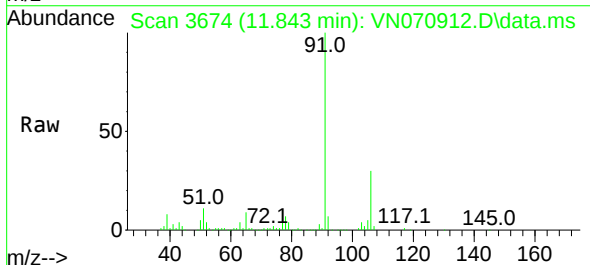
Instrument :
MSVOA_N
ClientSampleId :
31523DL

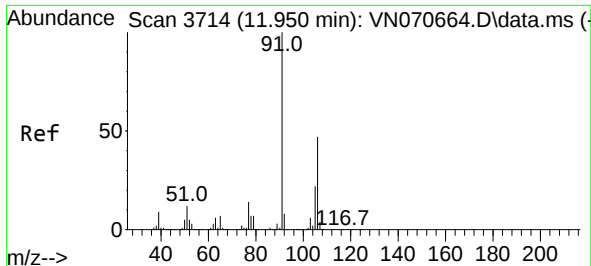
Tgt Ion:117 Resp: 1502634
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 3.514 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion: 91 Resp: 201437
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

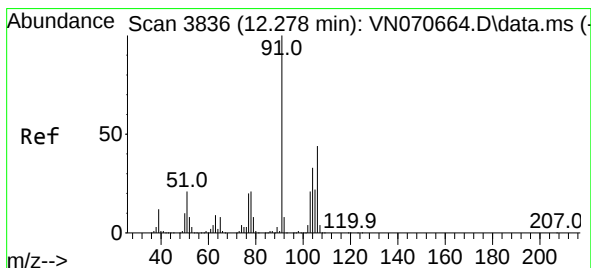
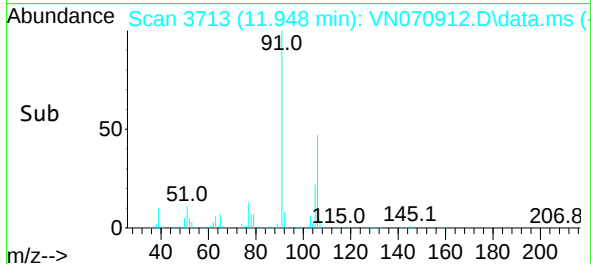
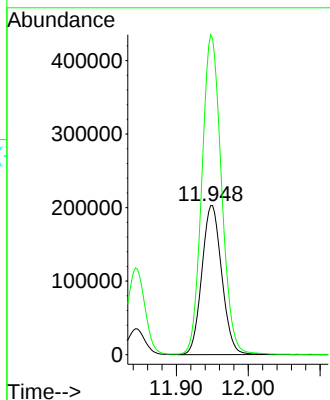
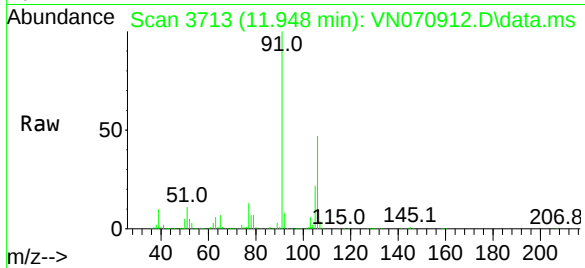




#68
m/p-Xylenes
Concen: 18.358 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

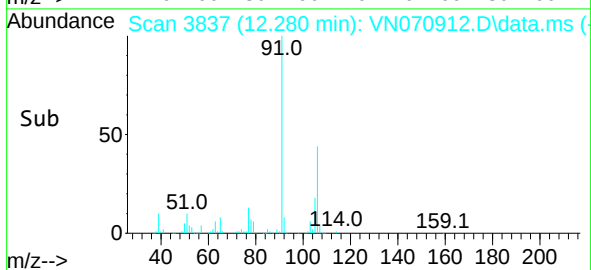
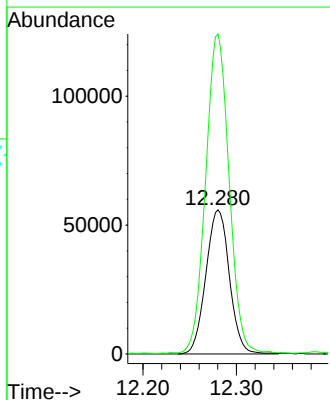
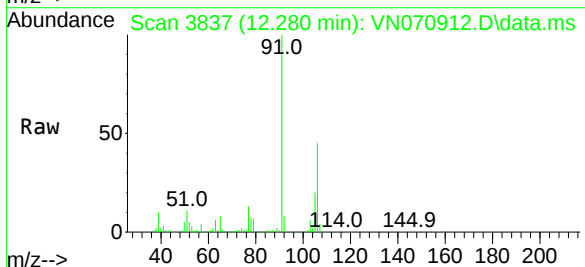
Instrument :
MSVOA_N
ClientSampleId :
31523DL

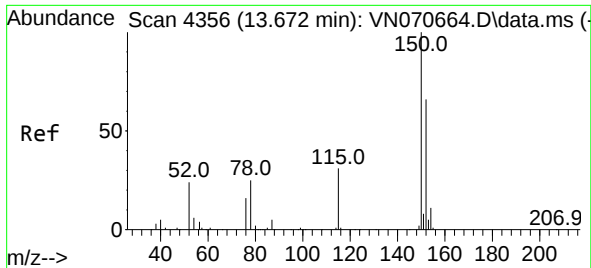
Tgt Ion:106 Resp: 389968
Ion Ratio Lower Upper
106 100
91 211.5 160.6 240.8



#69
o-Xylene
Concen: 4.610 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070912.D
Acq: 3 Feb 2022 00:31

Tgt Ion:106 Resp: 98005
Ion Ratio Lower Upper
106 100
91 219.5 105.8 317.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. 0.003 min

Lab File: VN070912.D

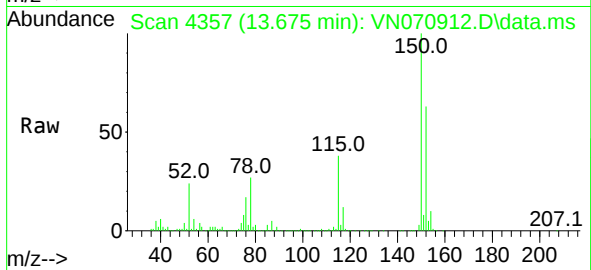
Acq: 3 Feb 2022 00:31

Instrument :

MSVOA_N

ClientSampleId :

31523DL



Tgt Ion:152 Resp: 625862

Ion Ratio Lower Upper

152 100

115 61.0 27.5 82.5

150 158.8 0.0 344.4

