

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070943.D
 Acq On : 3 Feb 2022 20:49
 Operator : JC/MD
 Sample : N1342-15DL 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31535DL2

Quant Time: Feb 04 04:46:13 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)

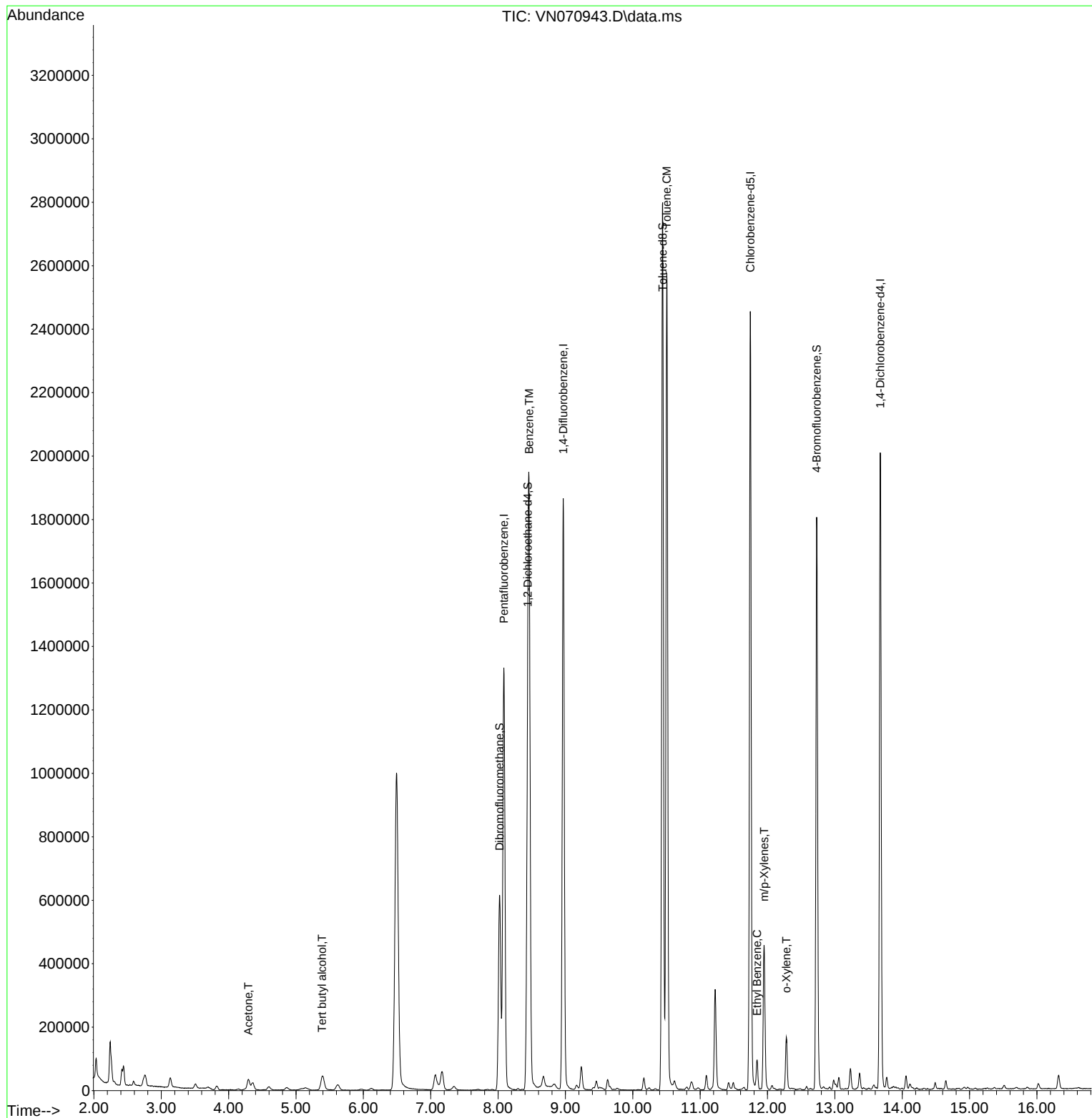
Internal Standards						
1) Pentafluorobenzene	8.086	168	1015173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1609041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1428341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	554554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	640319	46.598	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.200%
35) Dibromofluoromethane	8.021	113	468195	48.573	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.140%
50) Toluene-d8	10.443	98	1954036	49.373	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.731	95	663913	46.556	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.385	59	24966	8.646	ug/l #	93
16) Acetone	4.293	43	62566	7.615	ug/l	99
40) Benzene	8.461	78	1671202	33.970	ug/l	99
52) Toluene	10.505	92	1136918	37.298	ug/l	97
67) Ethyl Benzene	11.846	91	67739	1.243	ug/l	98
68) m/p-Xylenes	11.950	106	141572	7.011	ug/l	93
69) o-Xylene	12.280	106	45190	2.236	ug/l	91

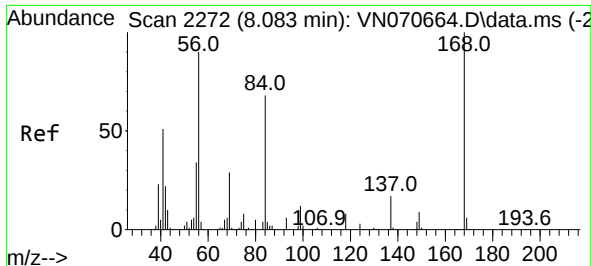
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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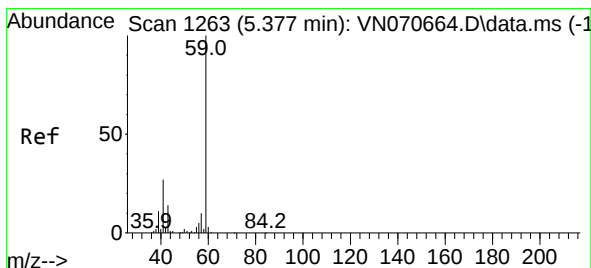
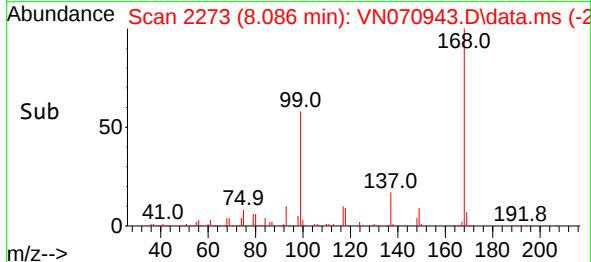
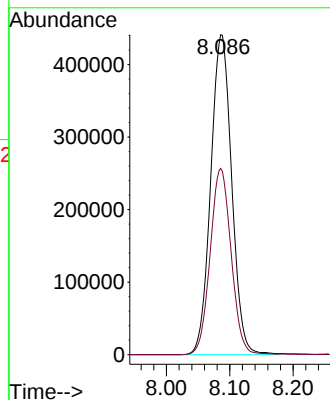
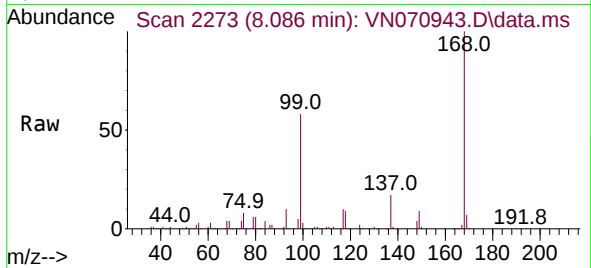




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

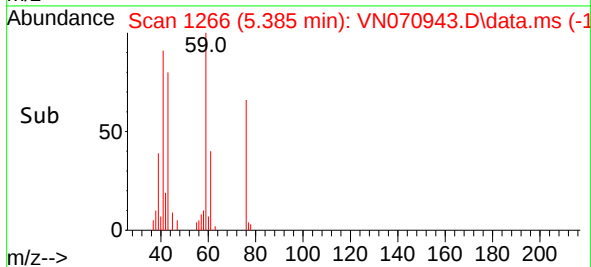
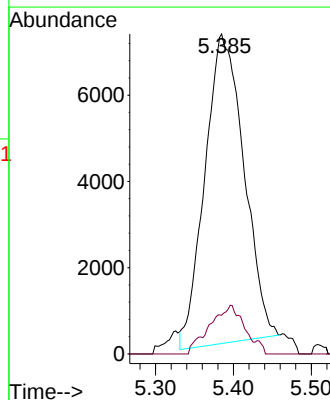
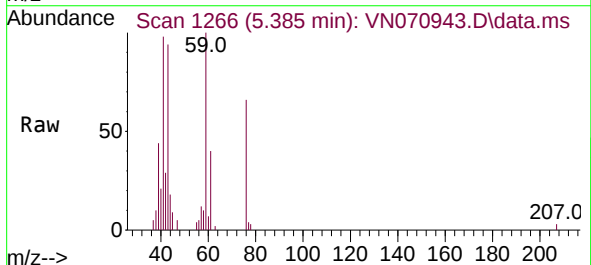
Instrument :
MSVOA_N
ClientSampleId :
31535DL2

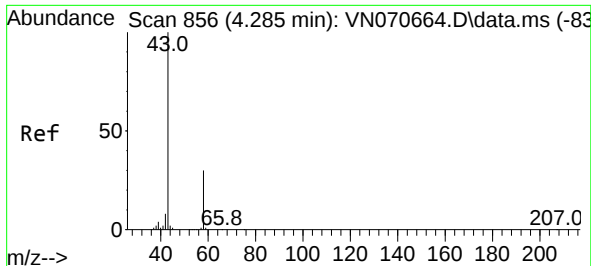
Tgt Ion:168 Resp: 1015173
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 8.646 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. 0.003 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

Tgt Ion: 59 Resp: 24966
Ion Ratio Lower Upper
59 100
57 13.5 8.7 13.1#

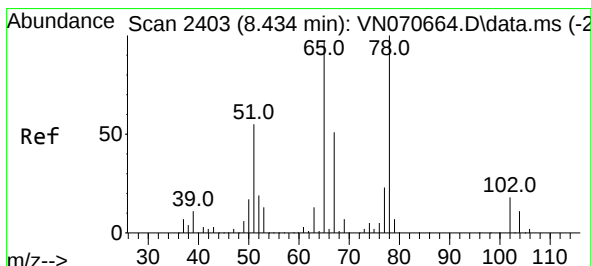
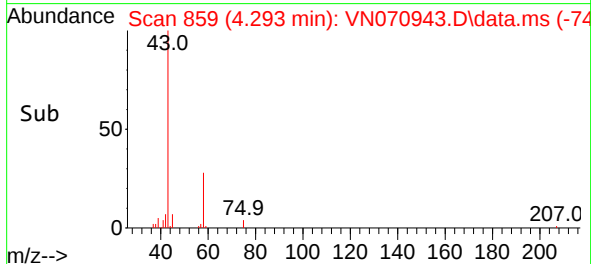
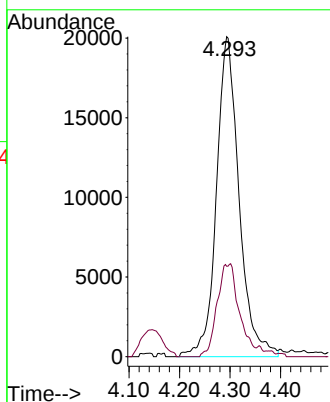
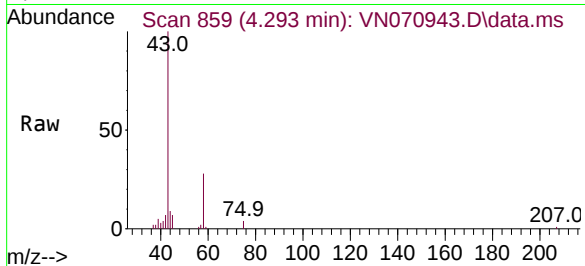




#16
Acetone
Concen: 7.615 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

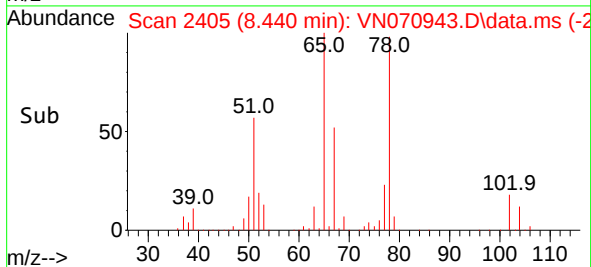
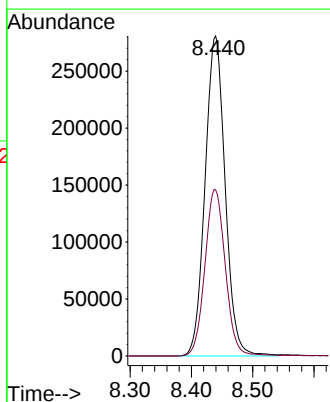
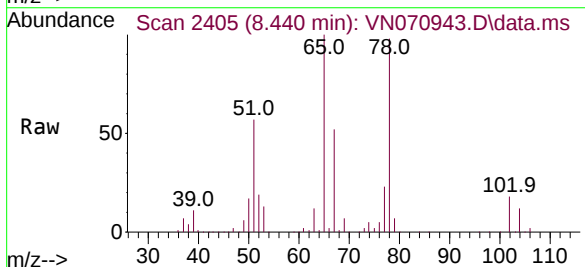
Instrument :
MSVOA_N
ClientSampleId :
31535DL2

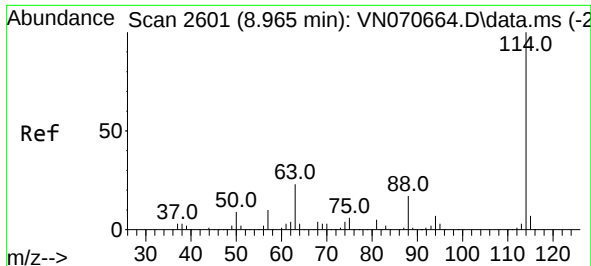
Tgt Ion: 43 Resp: 62566
Ion Ratio Lower Upper
43 100
58 28.3 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 46.598 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

Tgt Ion: 65 Resp: 640319
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070943.D

Acq: 3 Feb 2022 20:49

Instrument :

MSVOA_N

ClientSampleId :

31535DL2

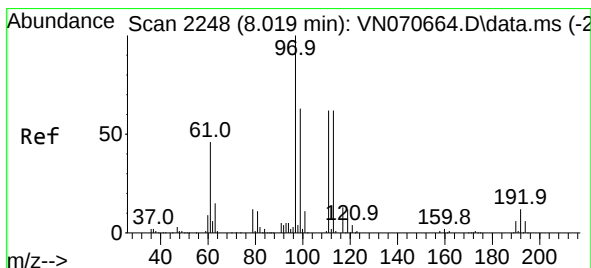
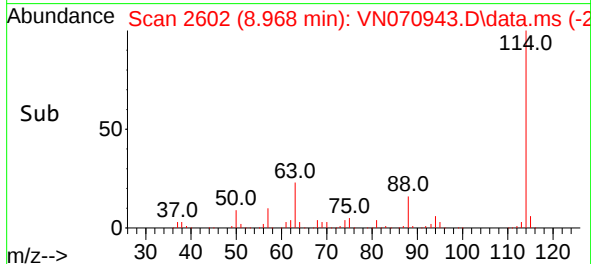
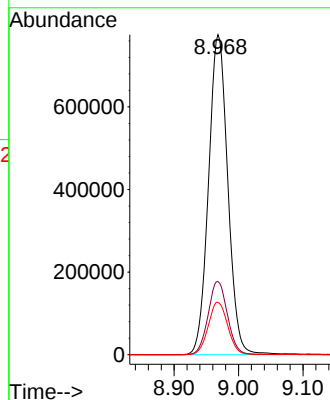
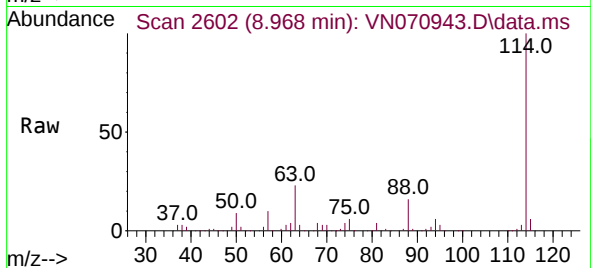
Tgt Ion:114 Resp: 1609041

Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.573 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070943.D

Acq: 3 Feb 2022 20:49

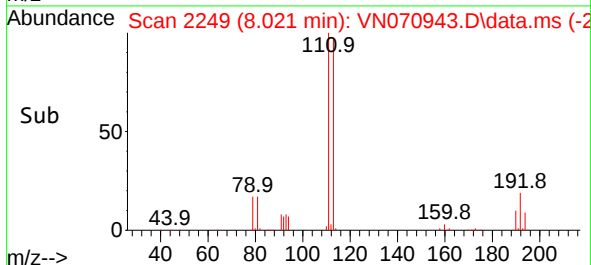
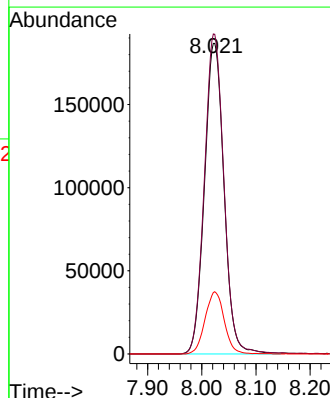
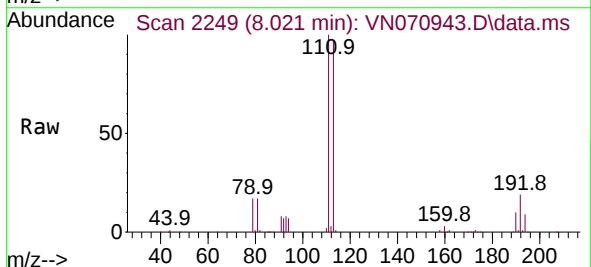
Tgt Ion:113 Resp: 468195

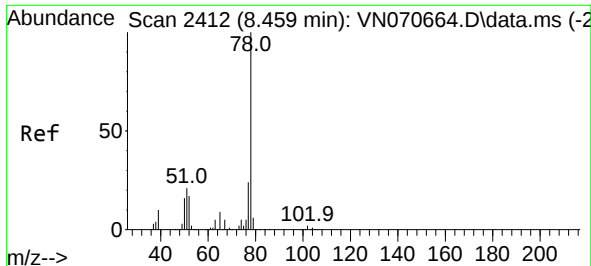
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 19.6 16.9 25.3

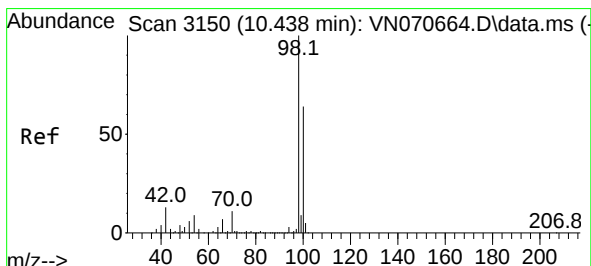
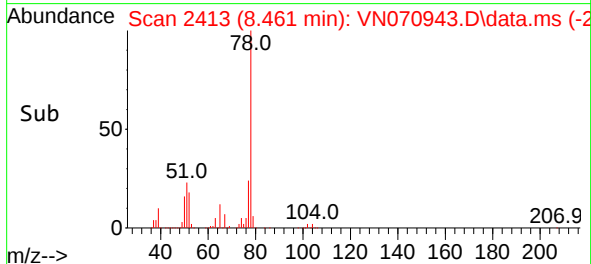
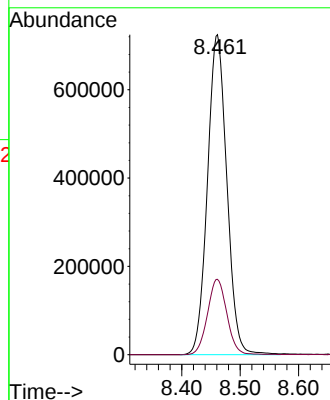
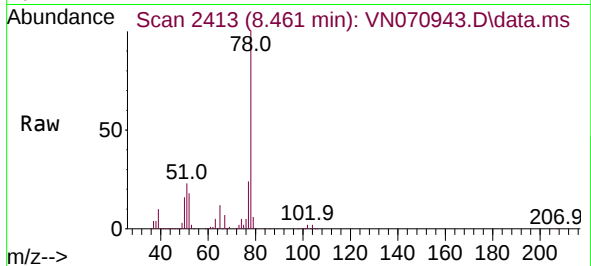




#40
Benzene
Concen: 33.970 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

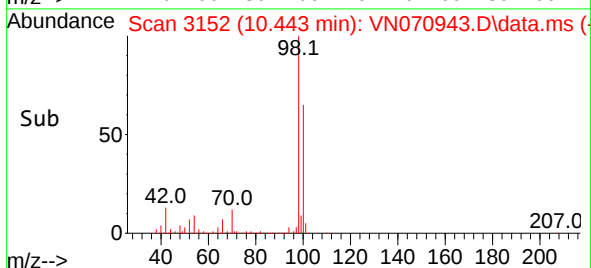
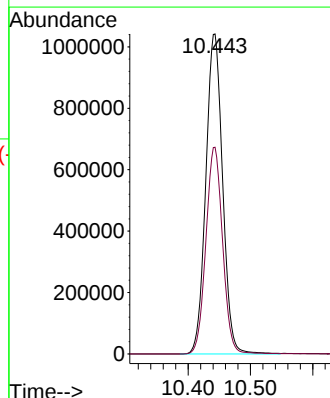
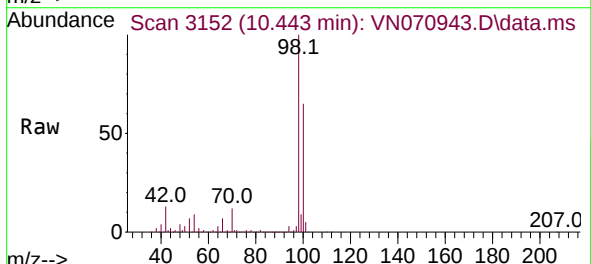
Instrument :
MSVOA_N
ClientSampleId :
31535DL2

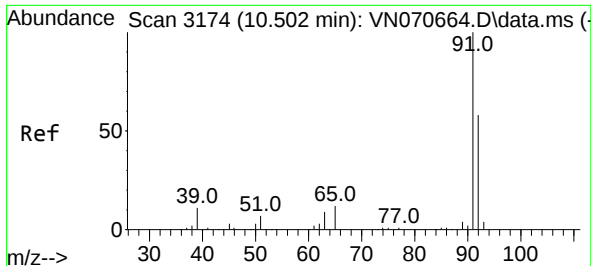
Tgt Ion: 78 Resp: 1671202
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8



#50
Toluene-d8
Concen: 49.373 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

Tgt Ion: 98 Resp: 1954036
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

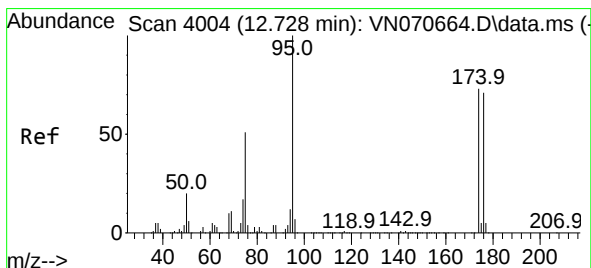
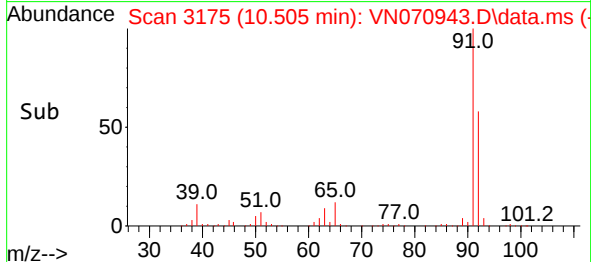
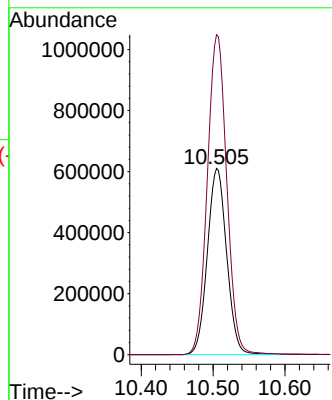
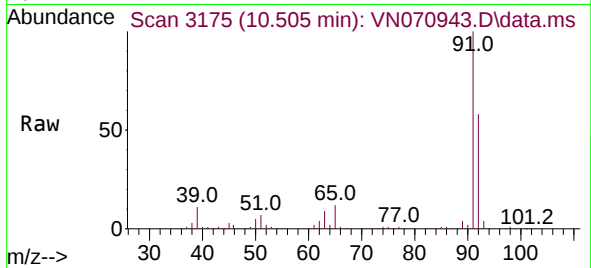




#52
Toluene
Concen: 37.298 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

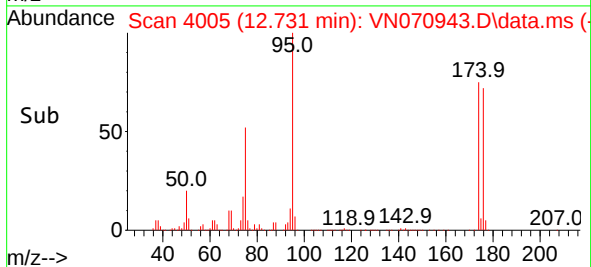
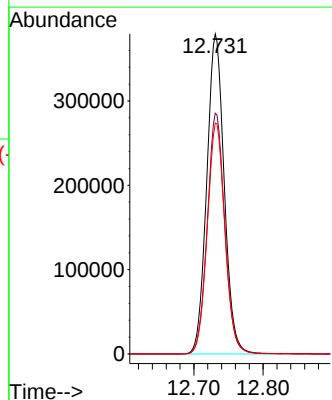
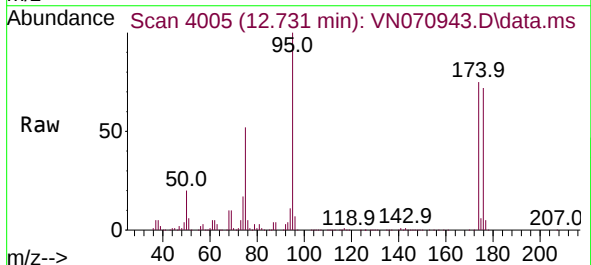
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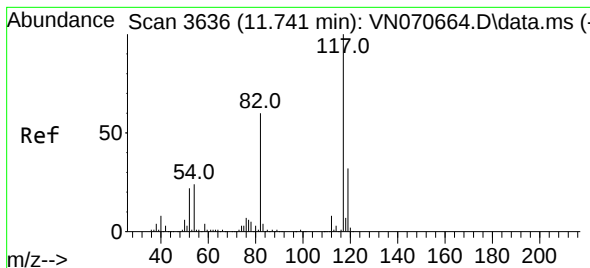
Tgt Ion: 92 Resp: 1136918
Ion Ratio Lower Upper
92 100
91 173.5 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 46.556 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

Tgt Ion: 95 Resp: 663913
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3636

Delta R.T. 0.002 min

Lab File: VN070943.D

Acq: 3 Feb 2022 20:49

Instrument :

MSVOA_N

ClientSampleId :

31535DL2

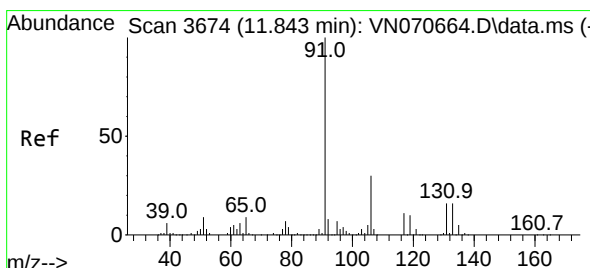
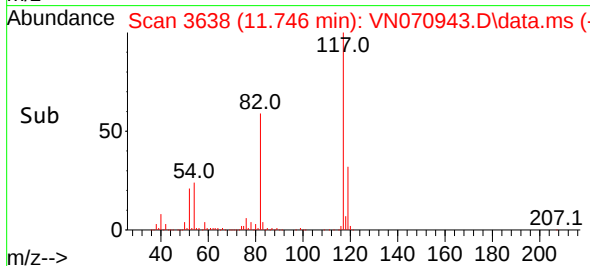
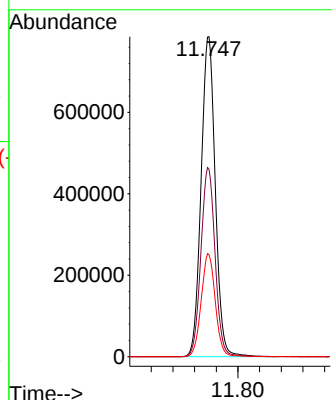
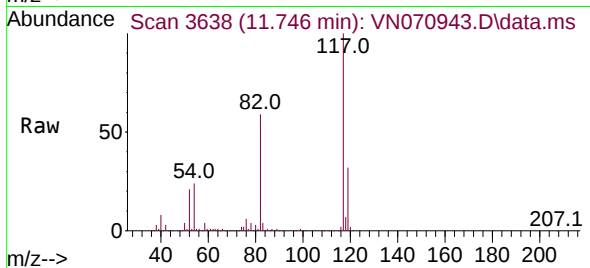
Tgt Ion:117 Resp: 1428341

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 31.9 25.4 38.2



#67

Ethyl Benzene

Concen: 1.243 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.003 min

Lab File: VN070943.D

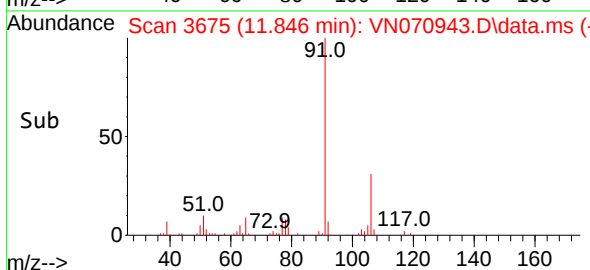
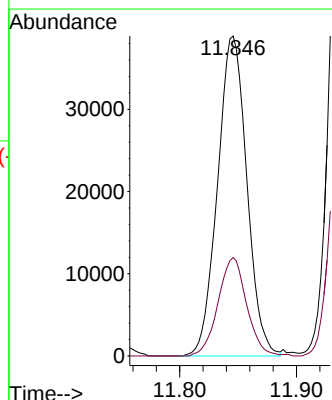
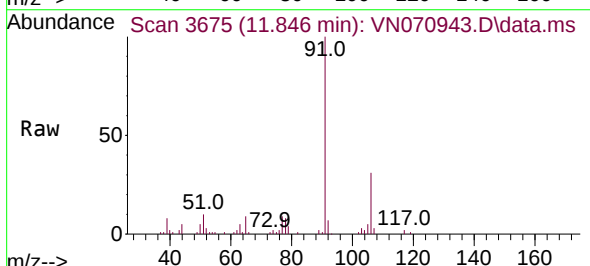
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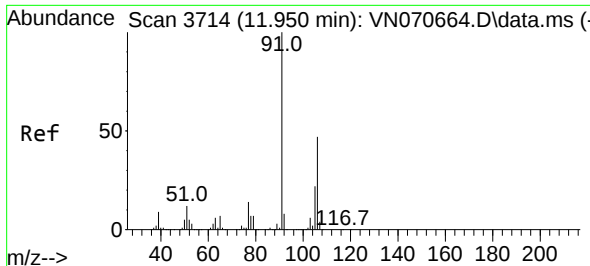
Tgt Ion: 91 Resp: 67739

Ion Ratio Lower Upper

91 100

106 30.7 25.7 38.5

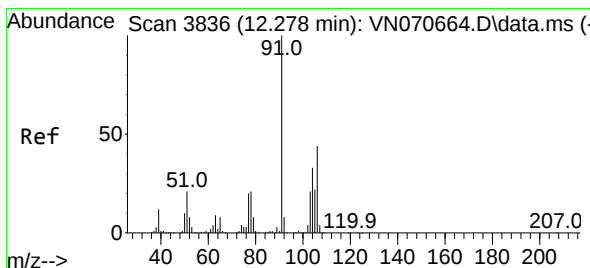
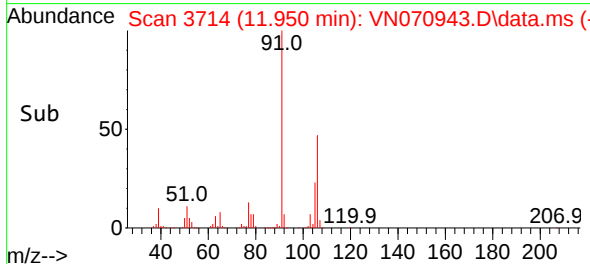
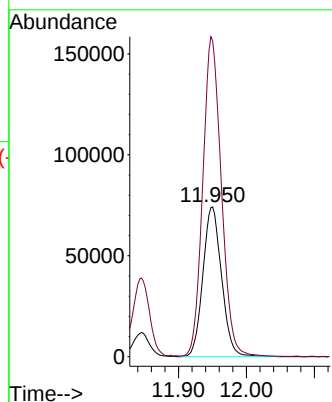
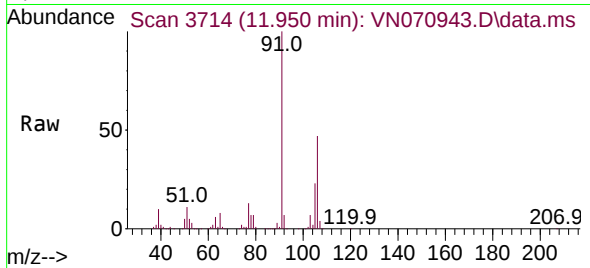




#68
m/p-Xylenes
Concen: 7.011 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

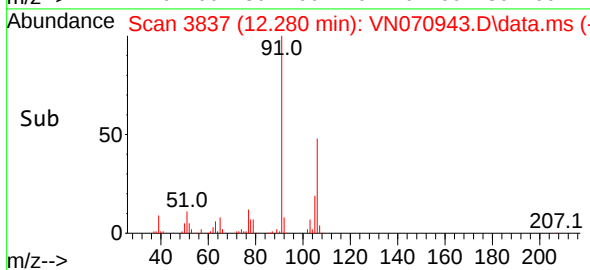
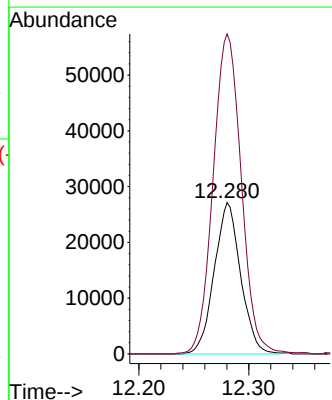
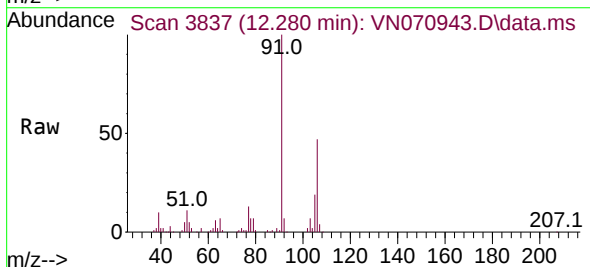
Instrument :
MSVOA_N
ClientSampleId :
31535DL2

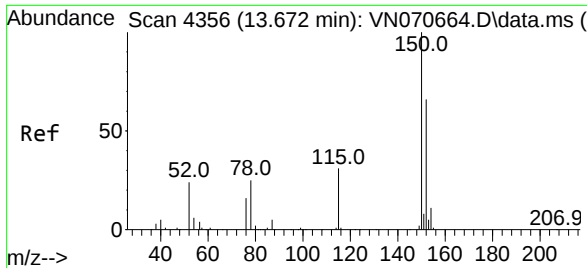
Tgt Ion:106 Resp: 141572
Ion Ratio Lower Upper
106 100
91 212.0 160.6 240.8



#69
o-Xylene
Concen: 2.236 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070943.D
Acq: 3 Feb 2022 20:49

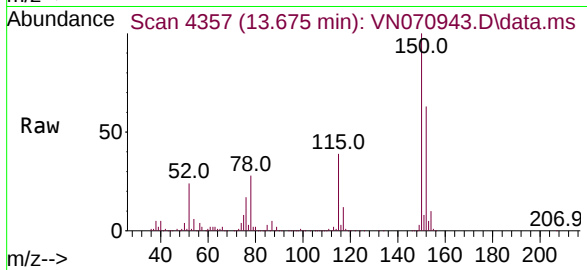
Tgt Ion:106 Resp: 45190
Ion Ratio Lower Upper
106 100
91 225.8 105.8 317.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070943.D
 Acq: 3 Feb 2022 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 31535DL2



Tgt Ion:152 Resp: 554554
 Ion Ratio Lower Upper
 152 100
 115 61.1 27.5 82.5
 150 157.2 0.0 344.4

