

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007044.D
 Acq On : 06 Jan 2022 19:50
 Operator : SY/MD
 Sample : N1051-03
 Misc : 8.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(6-6.5)

Quant Time: Jan 07 11:49:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

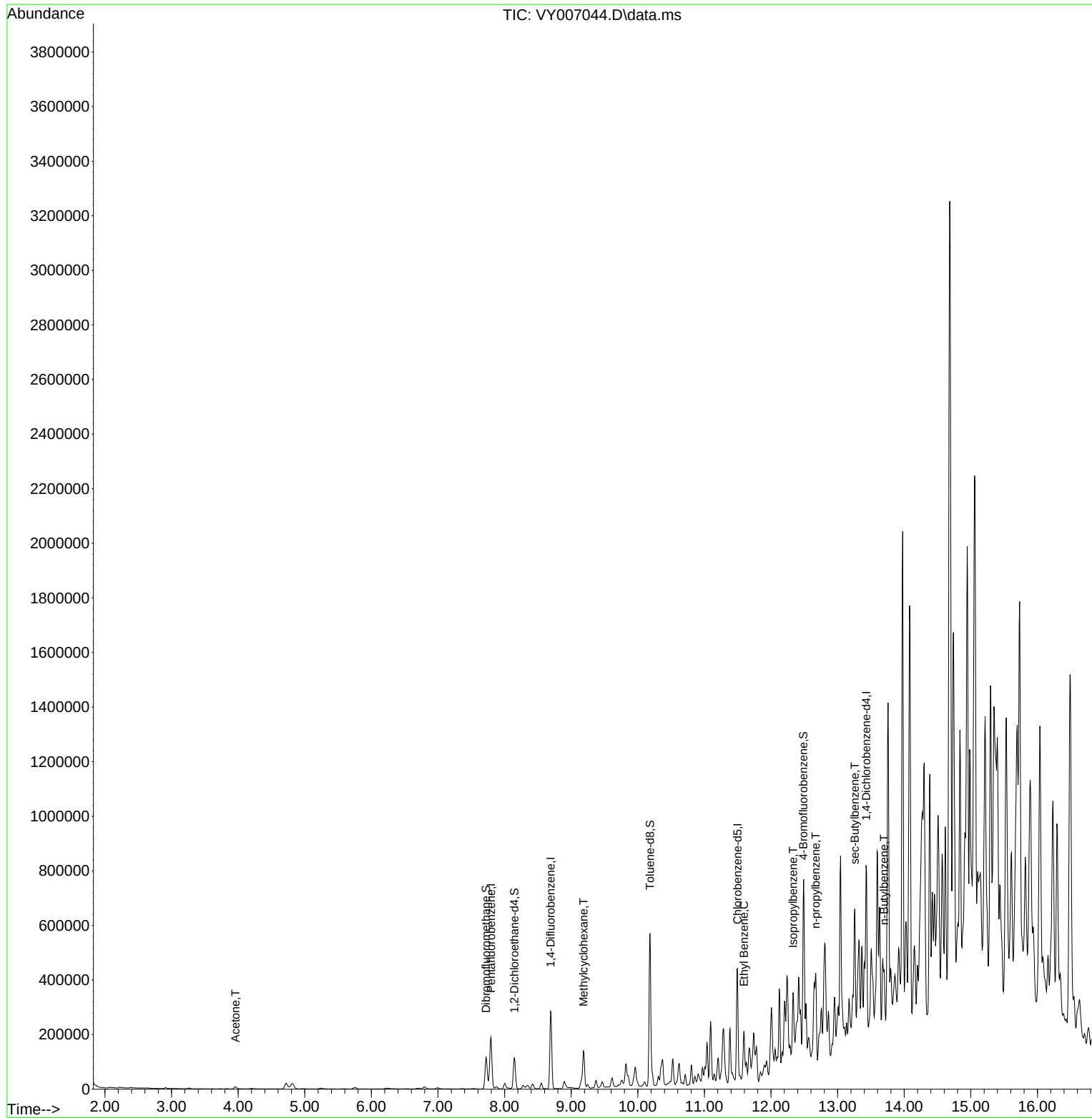
Internal Standards						
1) Pentafluorobenzene	7.795	168	127732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	231060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92236	61.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.340%	
35) Dibromofluoromethane	7.722	113	83784	52.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.185	98	305517	51.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	12.483	95	116578	51.846	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	14539	43.768	ug/l	95
39) Methylcyclohexane	9.185	83	60383	17.203	ug/l	98
67) Ethyl Benzene	11.593	91	99794	10.310	ug/l	100
73) Isopropylbenzene	12.331	105	154086	16.545	ug/l	99
78) n-propylbenzene	12.672	91	229168	20.221	ug/l	99
85) sec-Butylbenzene	13.257	105	269308	27.239	ug/l	96
89) n-Butylbenzene	13.696	91	133713	17.040	ug/l #	77

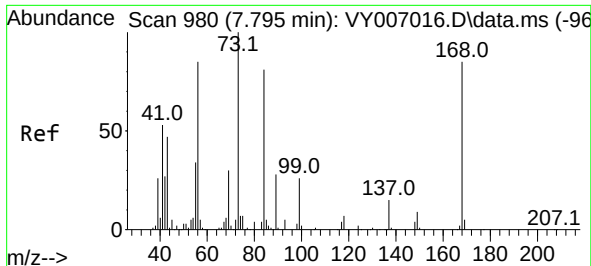
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3-(6-6.5)

Quant Time: Jan 07 11:49:30 2022
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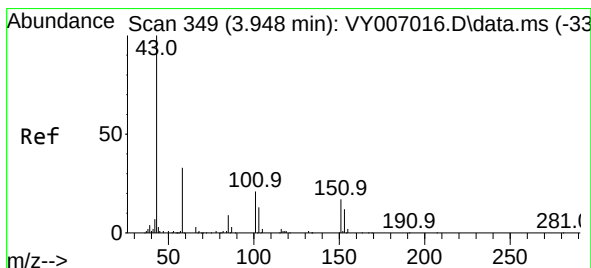
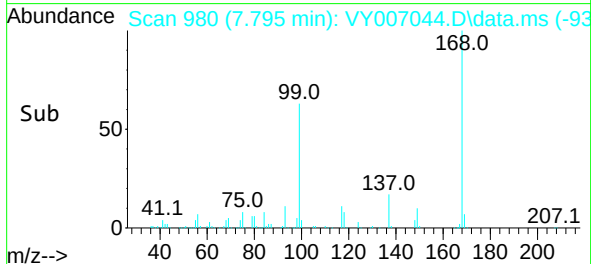
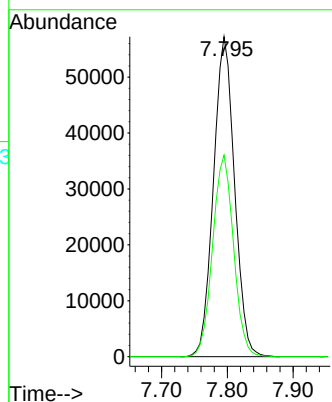
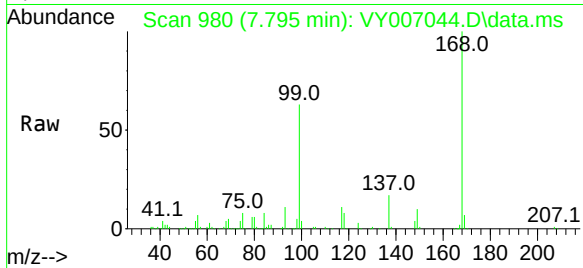




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007044.D
Acq: 06 Jan 2022 19:50

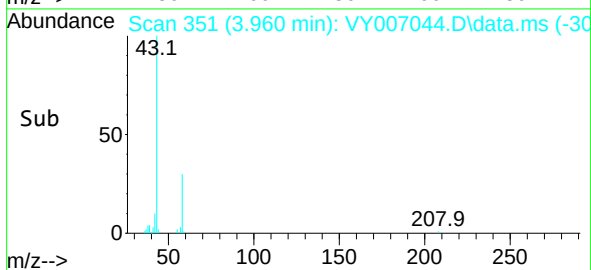
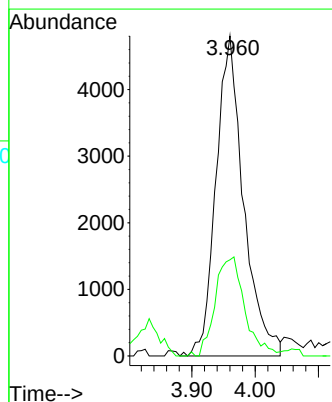
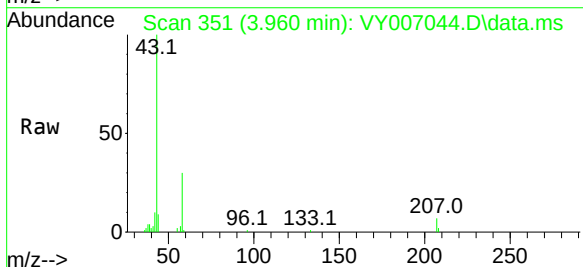
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(6-6.5)

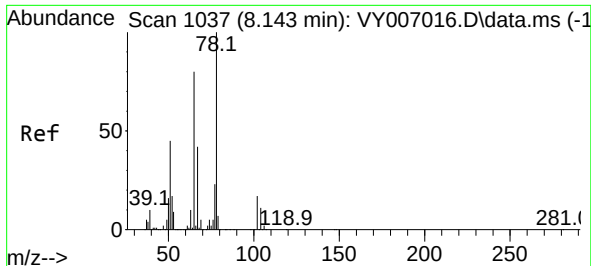
Tgt Ion:168 Resp: 127732
Ion Ratio Lower Upper
168 100
99 63.0 48.9 73.3



#16
Acetone
Concen: 43.768 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007044.D
Acq: 06 Jan 2022 19:50

Tgt Ion: 43 Resp: 14539
Ion Ratio Lower Upper
43 100
58 30.1 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 61.174 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007044.D

Acq: 06 Jan 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

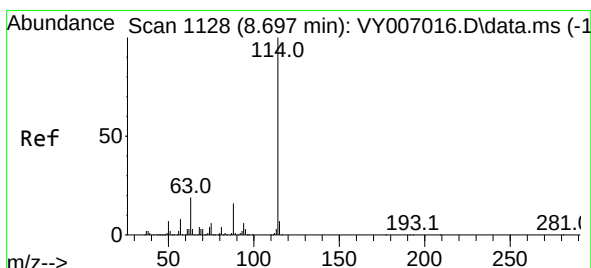
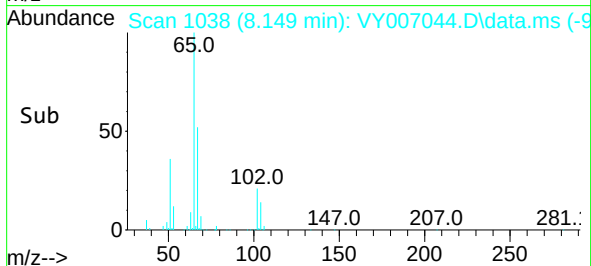
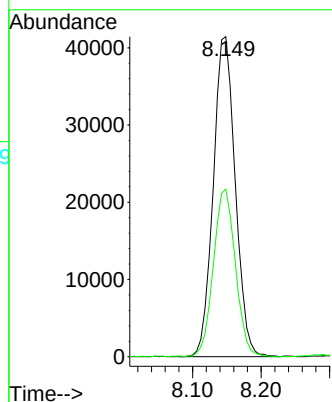
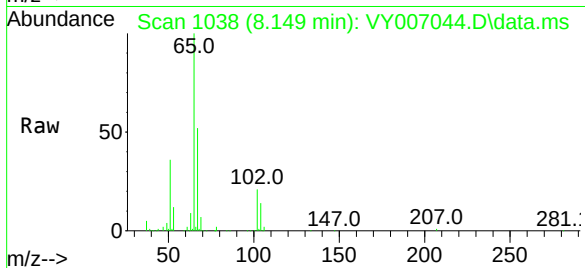
SB-3-(6-6.5)

Tgt Ion: 65 Resp: 92236

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007044.D

Acq: 06 Jan 2022 19:50

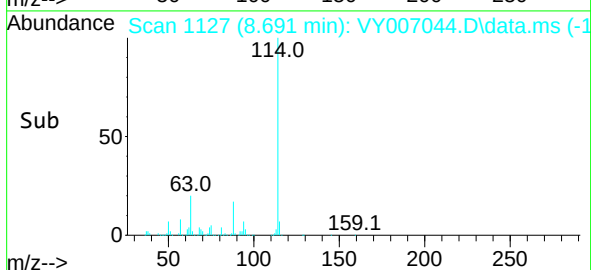
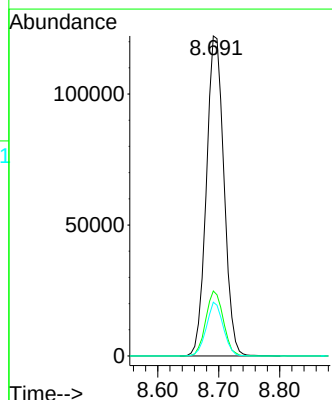
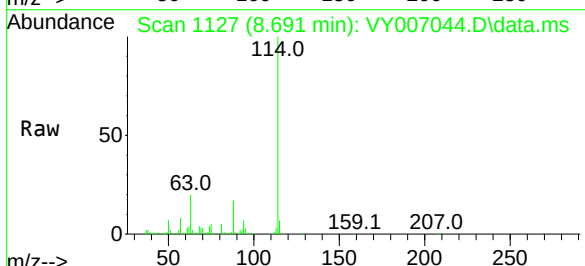
Tgt Ion: 114 Resp: 244460

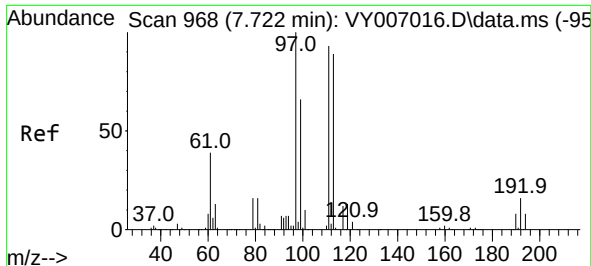
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.6

88 16.8 0.0 31.8

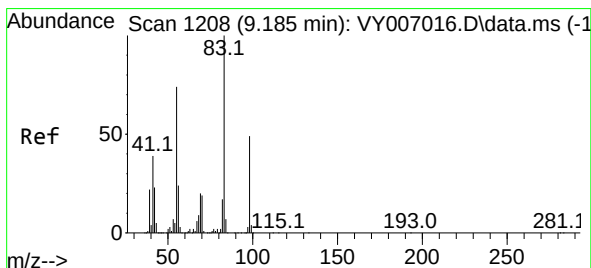
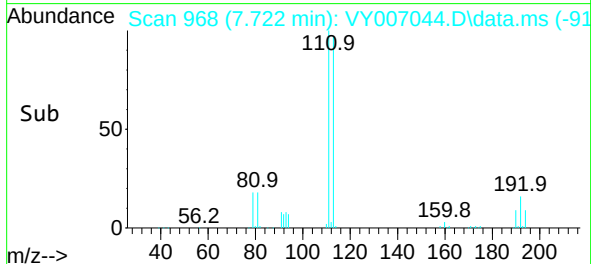
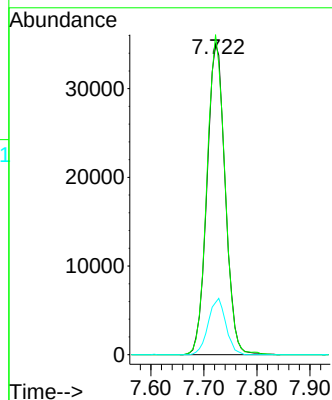
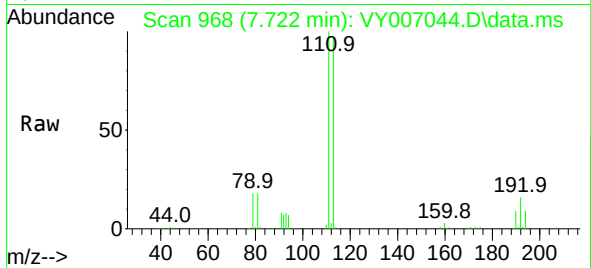




#35
Dibromofluoromethane
Concen: 52.139 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007044.D
Acq: 06 Jan 2022 19:50

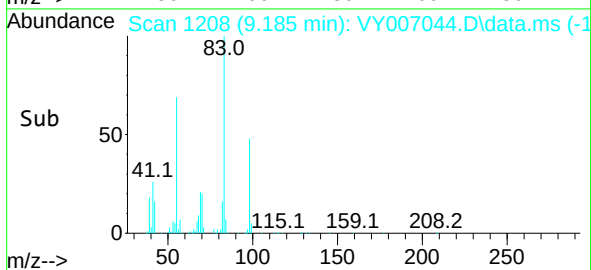
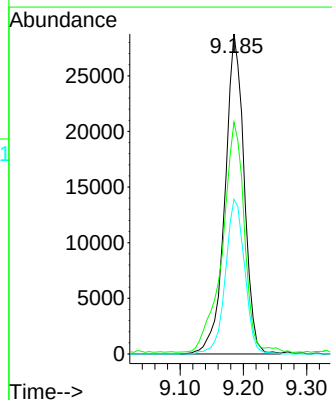
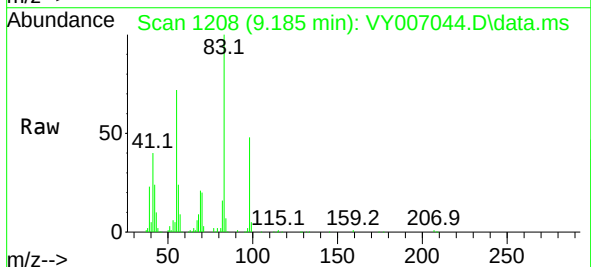
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(6-6.5)

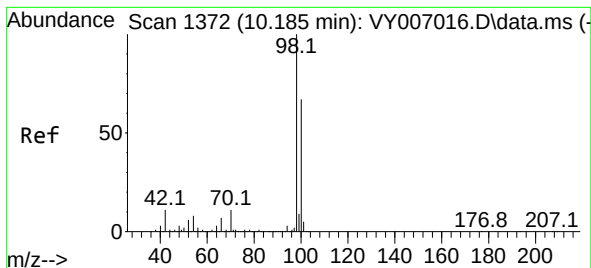
Tgt Ion:113 Resp: 83784
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 17.5 14.6 21.8



#39
Methylcyclohexane
Concen: 17.203 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY007044.D
Acq: 06 Jan 2022 19:50

Tgt Ion: 83 Resp: 60383
Ion Ratio Lower Upper
83 100
55 71.9 59.0 88.6
98 48.3 39.1 58.7

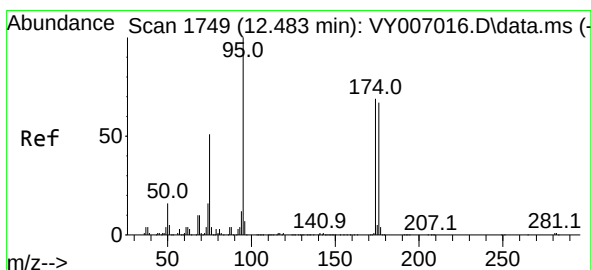
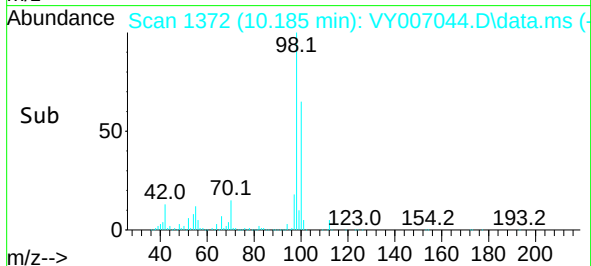
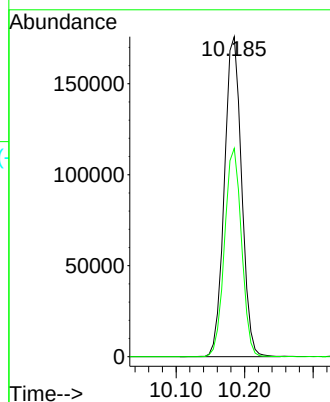
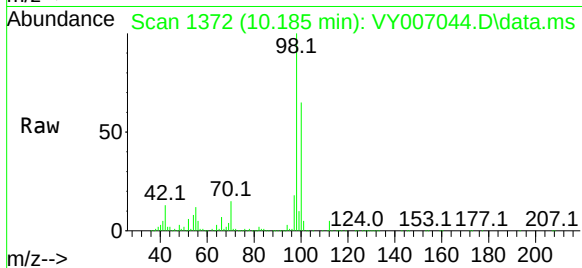




#50
Toluene-d8
Concen: 51.171 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007044.D
Acq: 06 Jan 2022 19:50

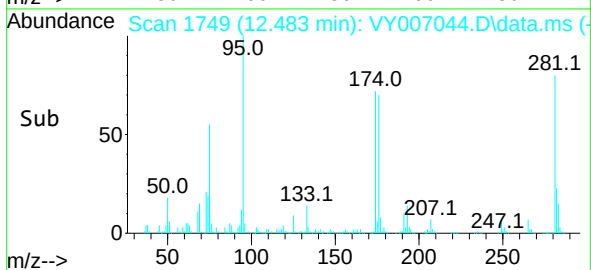
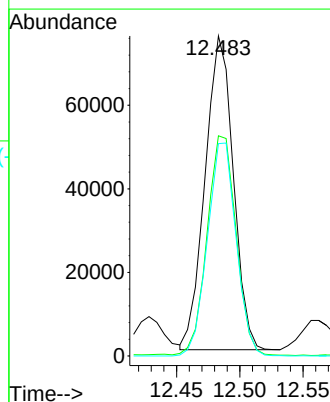
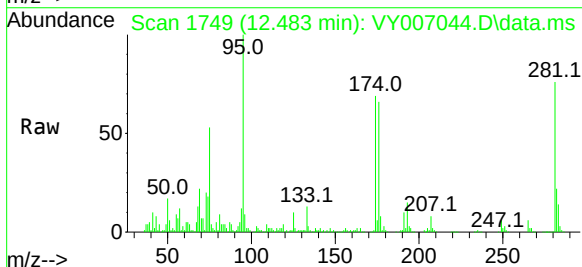
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(6-6.5)

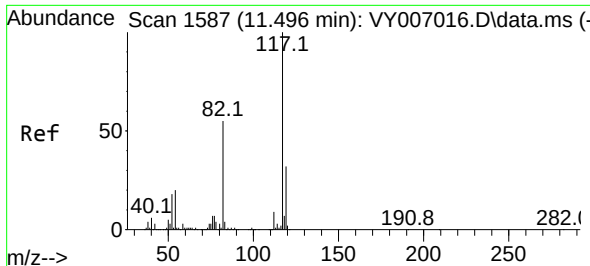
Tgt Ion: 98 Resp: 305517
Ion Ratio Lower Upper
98 100
100 64.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.846 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007044.D
Acq: 06 Jan 2022 19:50

Tgt Ion: 95 Resp: 116578
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 69.1 0.0 141.0

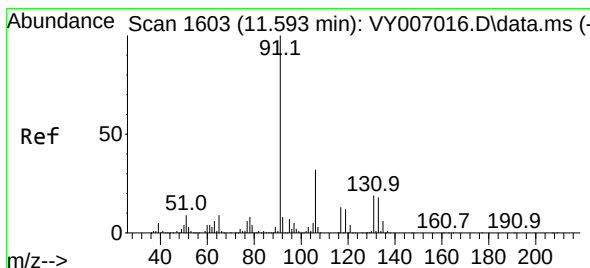
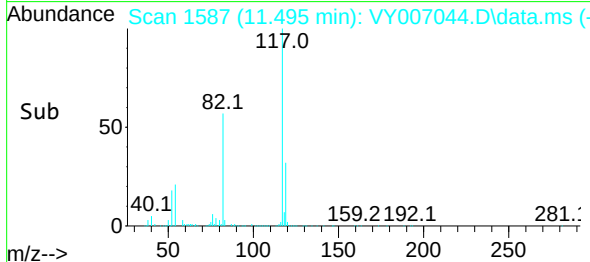
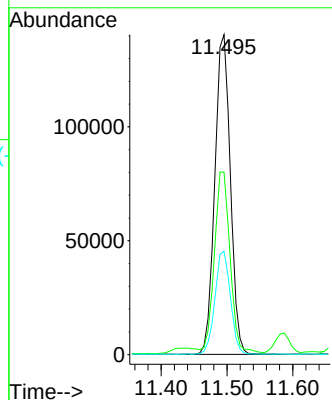
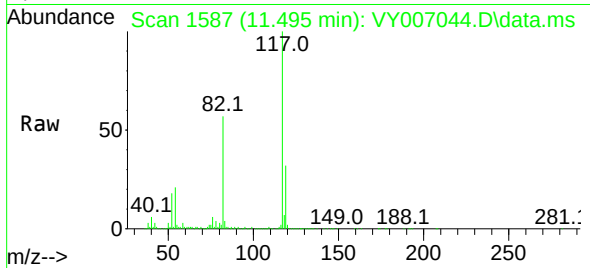




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007044.D
Acq: 06 Jan 2022 19:50

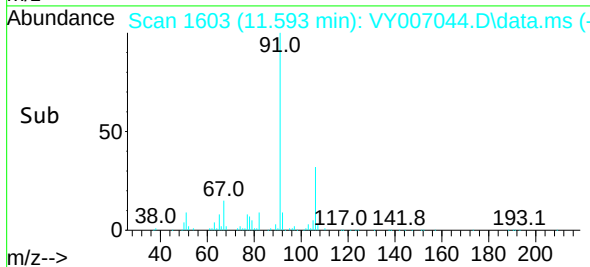
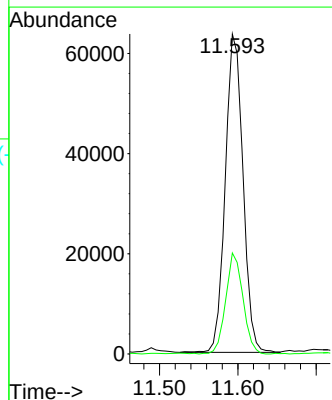
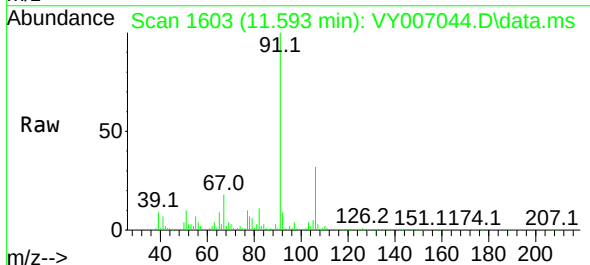
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(6-6.5)

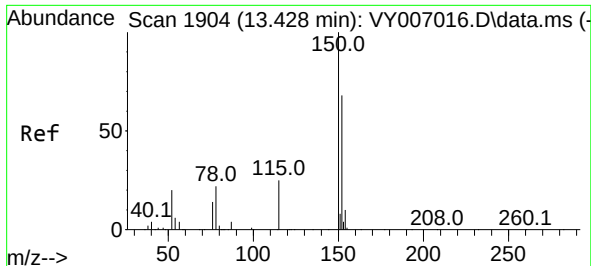
Tgt Ion:117 Resp: 231060
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.2 25.3 37.9



#67
Ethyl Benzene
Concen: 10.310 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007044.D
Acq: 06 Jan 2022 19:50

Tgt Ion: 91 Resp: 99794
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8

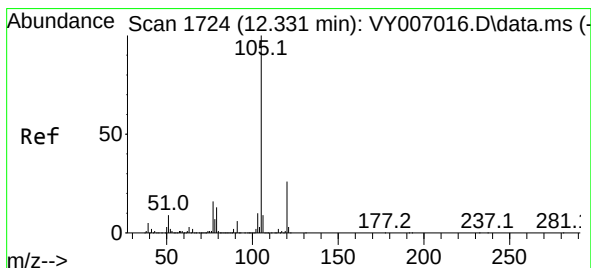
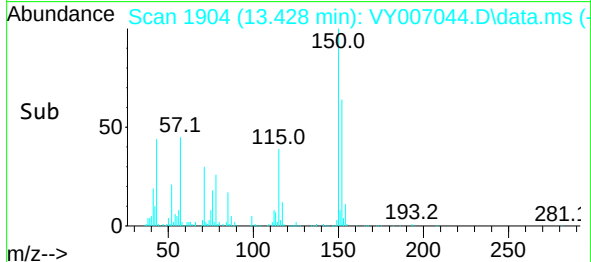
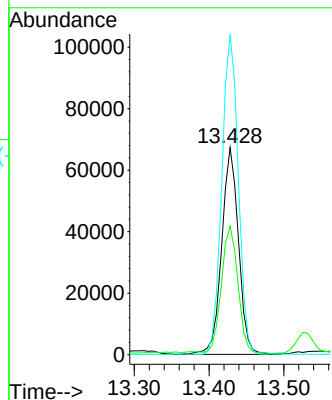
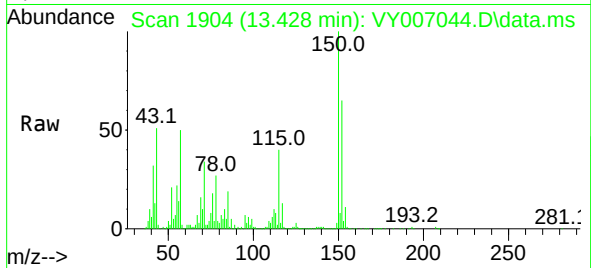




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007044.D
 Acq: 06 Jan 2022 19:50

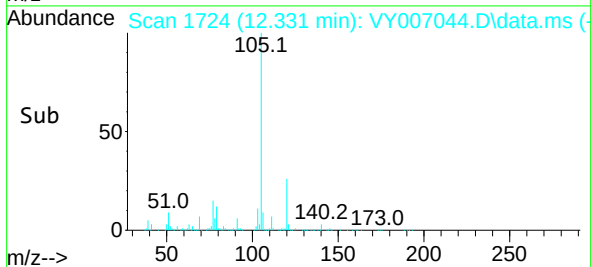
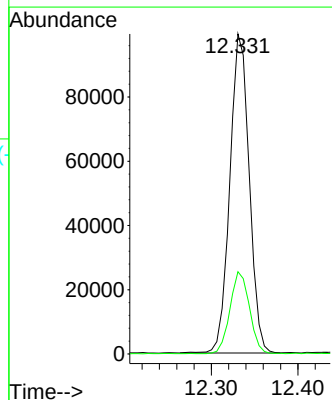
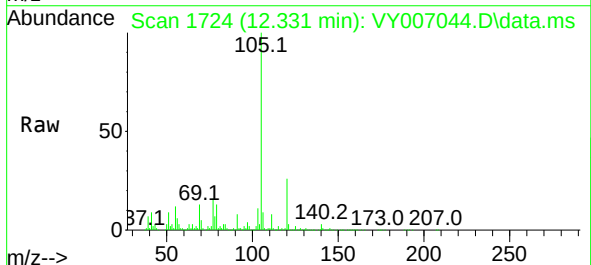
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(6-6.5)

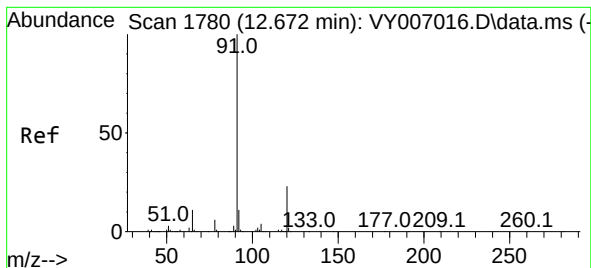
Tgt Ion:152 Resp: 104801
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.9 95.5
 150 151.2 0.0 358.0



#73
 Isopropylbenzene
 Concen: 16.545 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VY007044.D
 Acq: 06 Jan 2022 19:50

Tgt Ion:105 Resp: 154086
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.2 39.5





#78

n-propylbenzene

Concen: 20.221 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY007044.D

Acq: 06 Jan 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

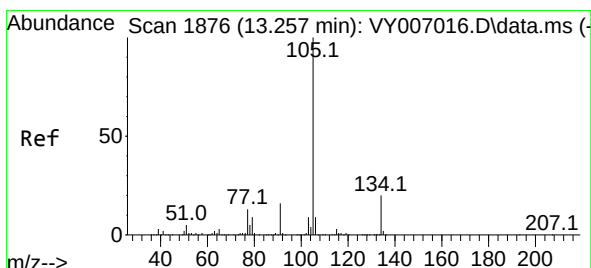
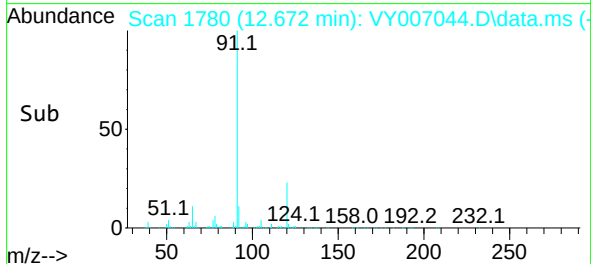
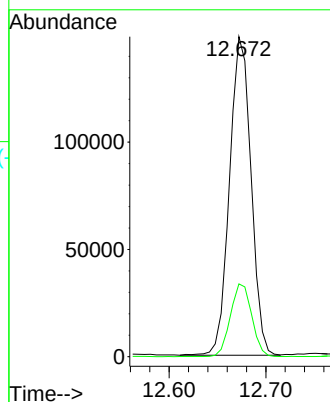
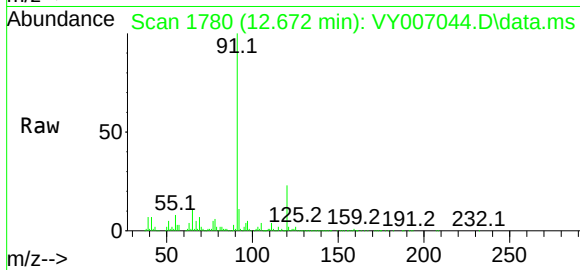
SB-3-(6-6.5)

Tgt Ion: 91 Resp: 229168

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8



#85

sec-Butylbenzene

Concen: 27.239 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY007044.D

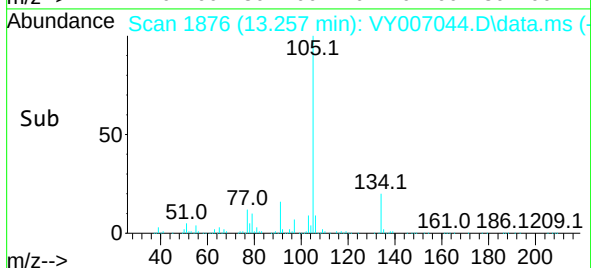
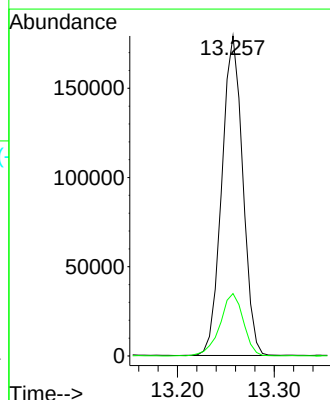
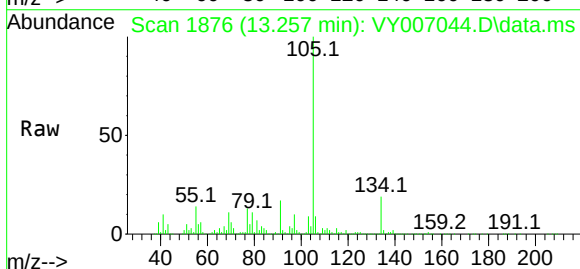
Acq: 06 Jan 2022 19:50

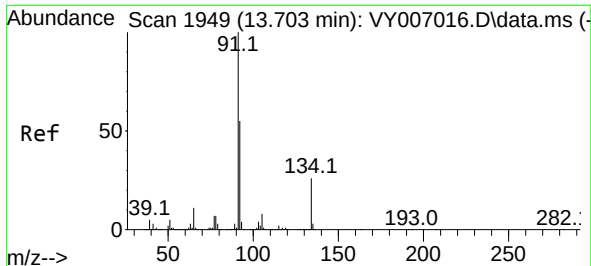
Tgt Ion: 105 Resp: 269308

Ion Ratio Lower Upper

105 100

134 21.8 10.0 29.8





#89

n-Butylbenzene

Concen: 17.040 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY007044.D

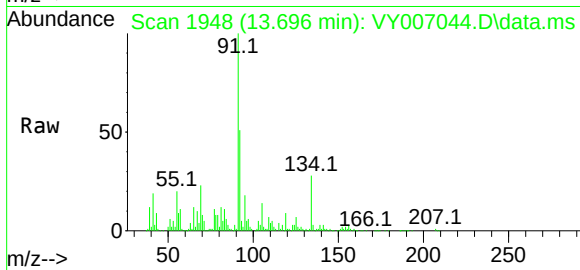
Acq: 06 Jan 2022 19:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(6-6.5)



Tgt Ion: 91 Resp: 133713

Ion Ratio Lower Upper

91 100

92 44.3 27.1 81.3

134 47.9 12.9 38.7#

