

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
 Data File : VY007468.D
 Acq On : 10 Feb 2022 13:50
 Operator : SY/MD
 Sample : N1457-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-1140

Quant Time: Feb 11 00:50:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

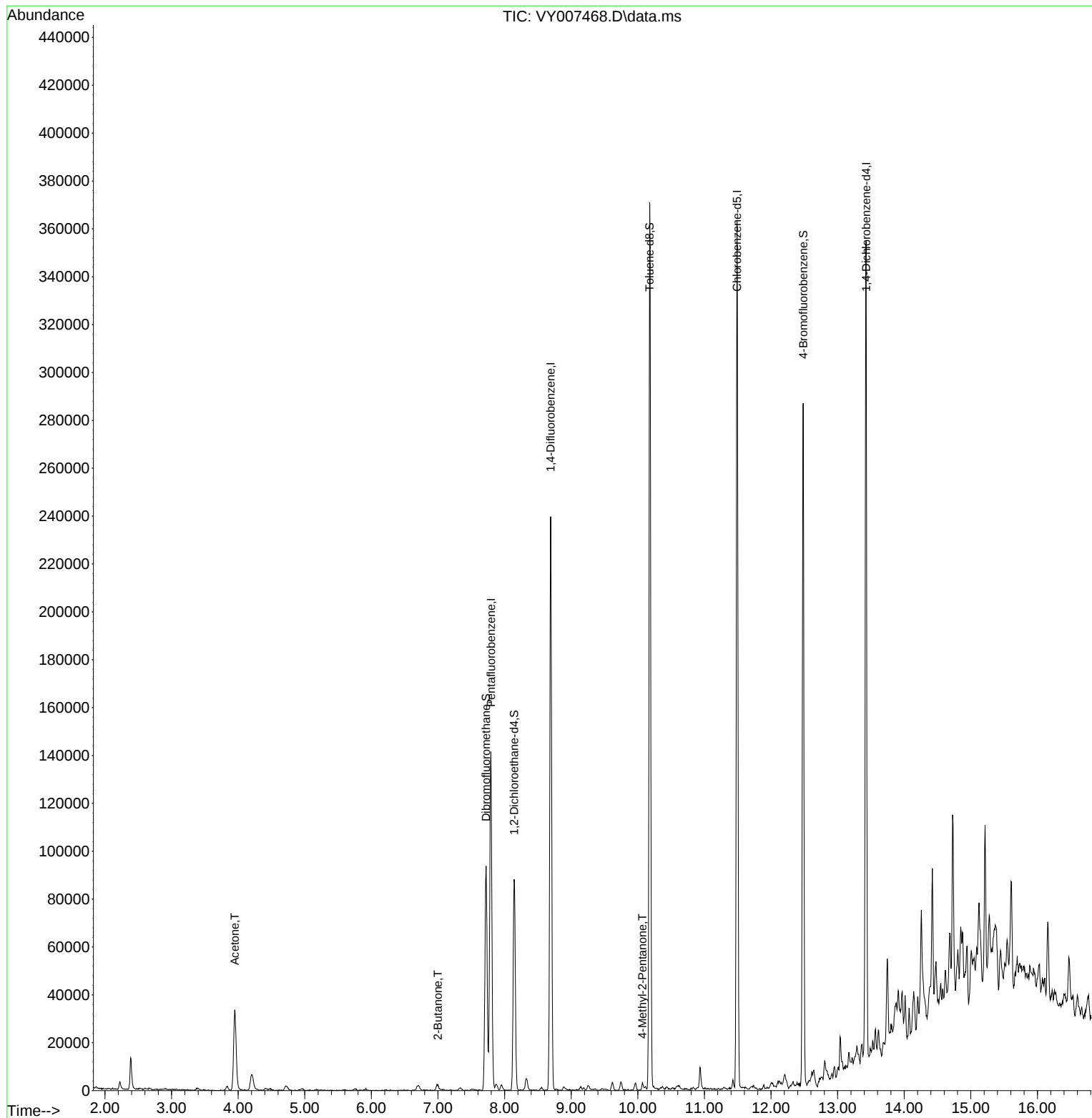
Internal Standards						
1) Pentafluorobenzene	7.795	168	104342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	194725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70101	58.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.820%	
35) Dibromofluoromethane	7.722	113	65104	50.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.160%	
50) Toluene-d8	10.179	98	243489	51.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.483	95	89239	55.208	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.420%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	58125	149.119	ug/l	96
25) 2-Butanone	6.996	43	3263	6.929	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	1952	1.840	ug/l	99

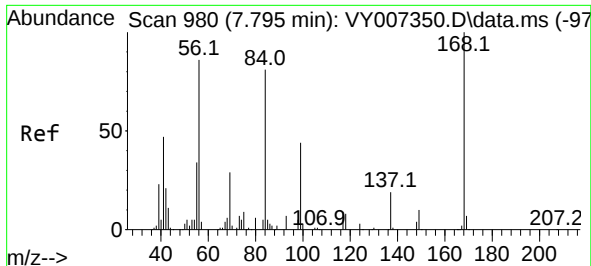
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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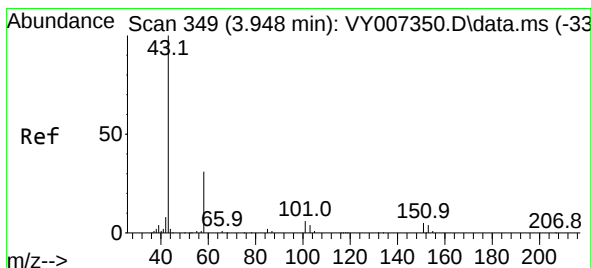
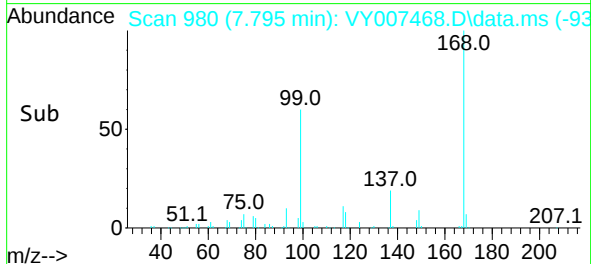
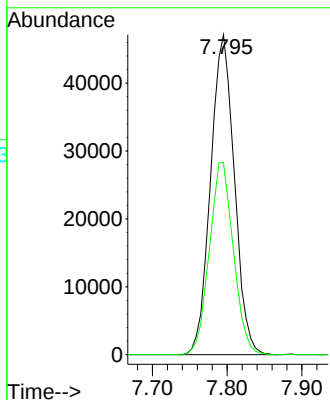
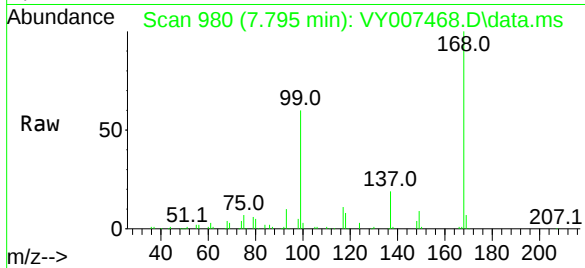




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

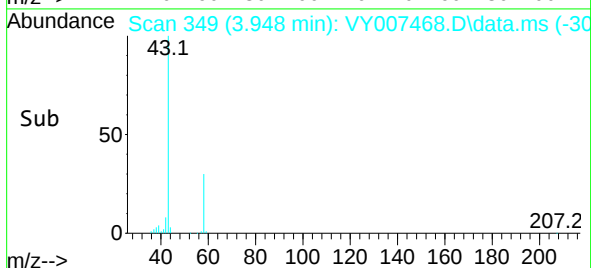
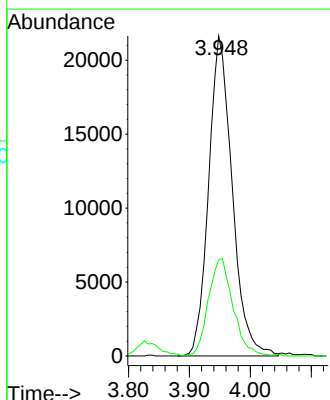
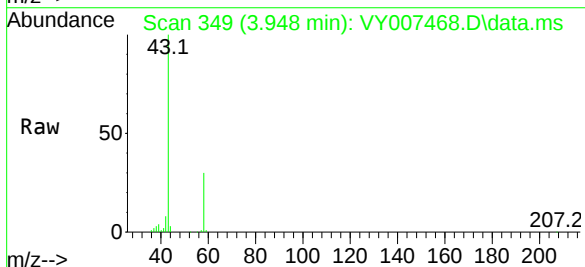
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1140

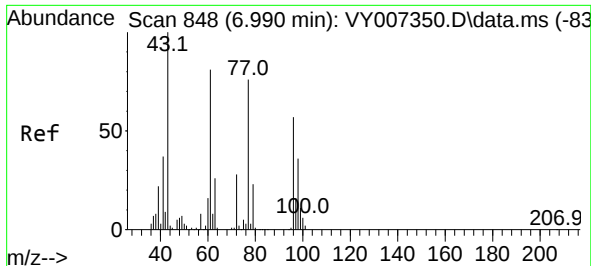
Tgt Ion:168 Resp: 104342
Ion Ratio Lower Upper
168 100
99 60.0 46.9 70.3



#16
Acetone
Concen: 149.119 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

Tgt Ion: 43 Resp: 58125
Ion Ratio Lower Upper
43 100
58 29.5 22.0 33.0

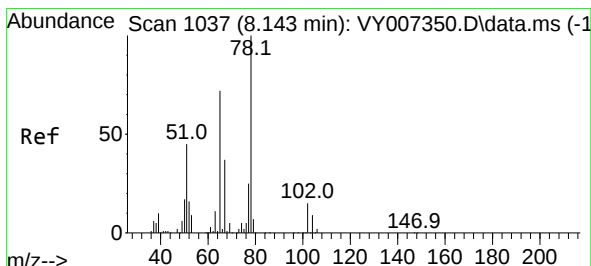
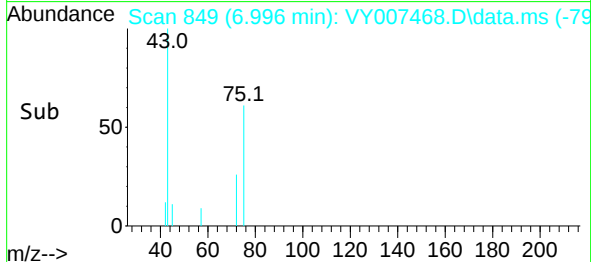
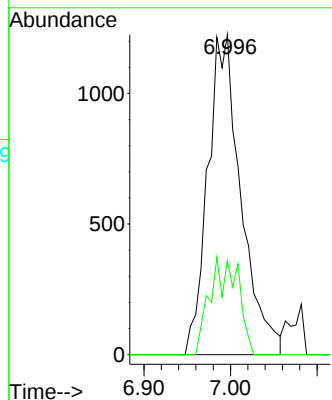
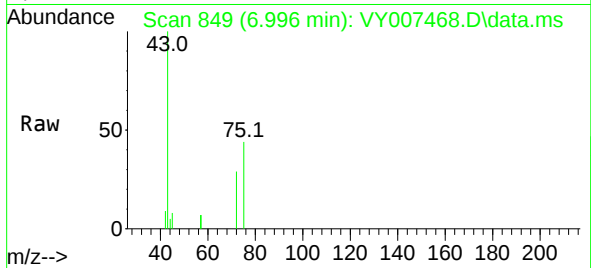




#25
2-Butanone
Concen: 6.929 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

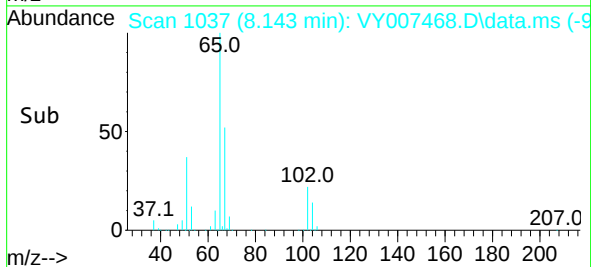
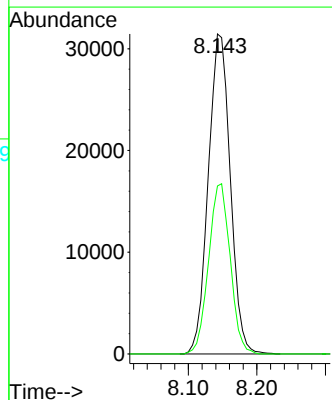
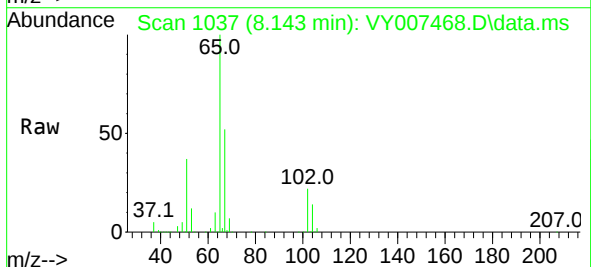
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1140

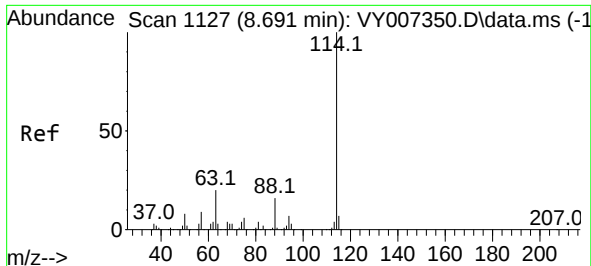
Tgt Ion: 43 Resp: 3263
Ion Ratio Lower Upper
43 100
72 29.5 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 58.408 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

Tgt Ion: 65 Resp: 70101
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4

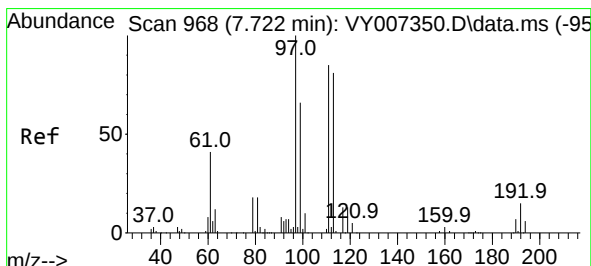
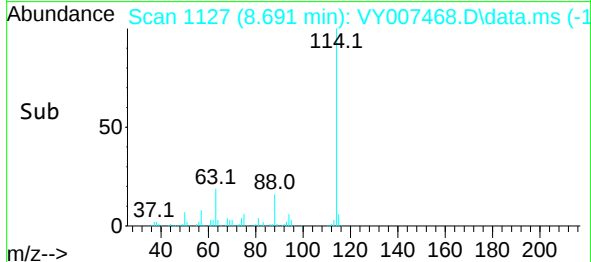
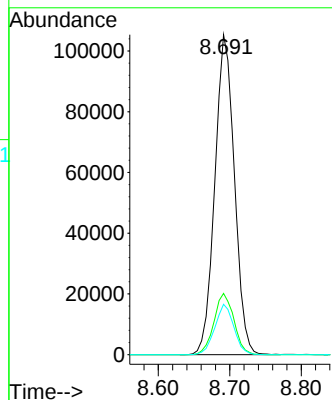
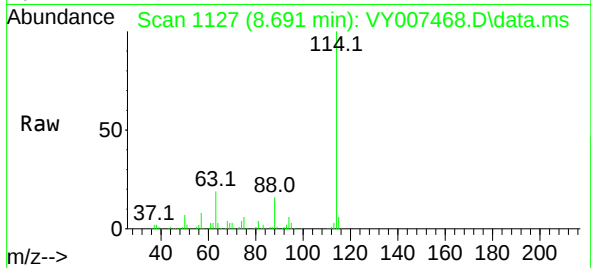




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

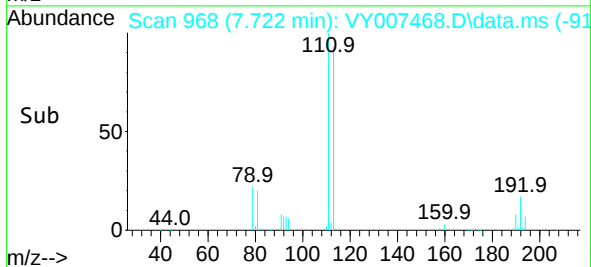
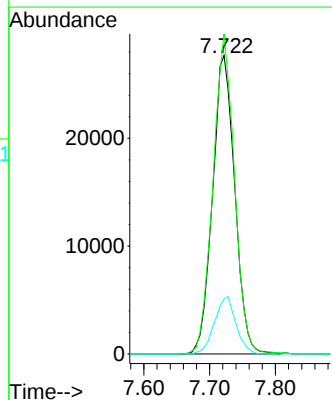
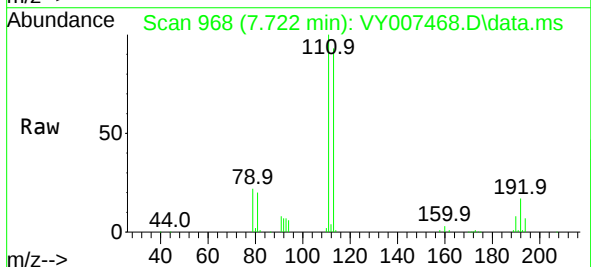
Instrument :
MSVOA_Y
ClientSampleId :
BUR-1140

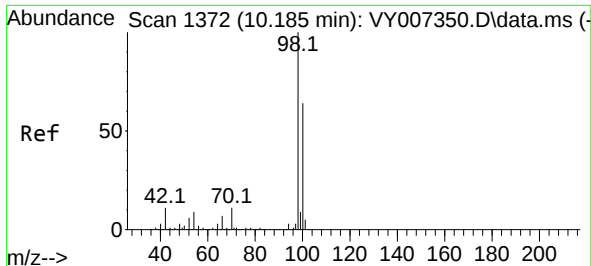
Tgt Ion:114 Resp: 200461
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.577 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

Tgt Ion:113 Resp: 65104
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 18.5 17.6 26.4

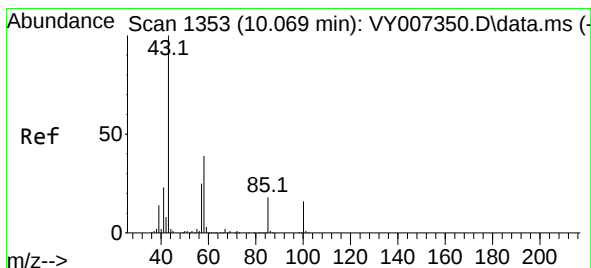
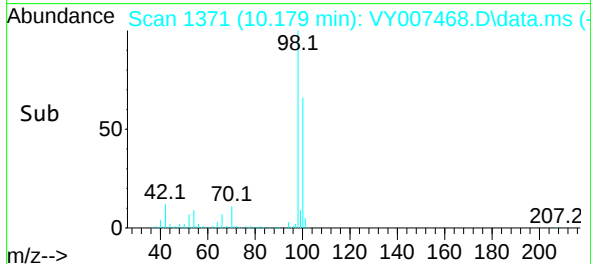
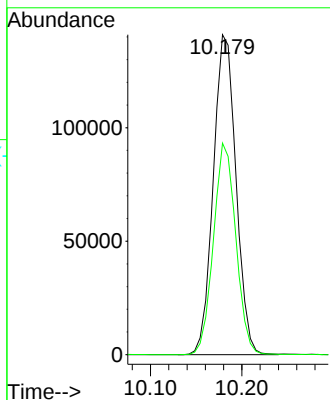
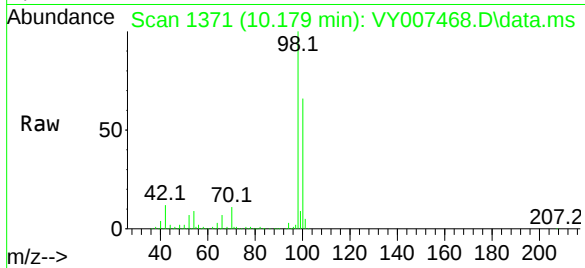




#50
Toluene-d8
Concen: 51.199 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

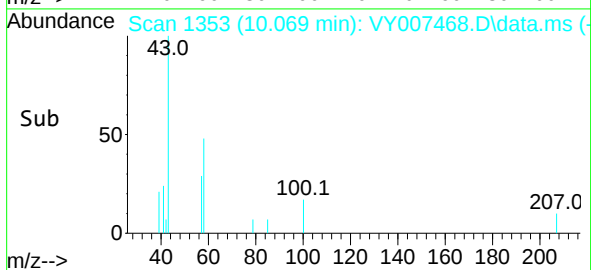
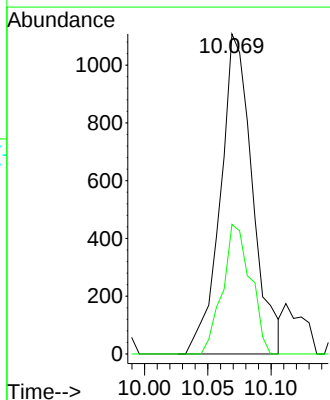
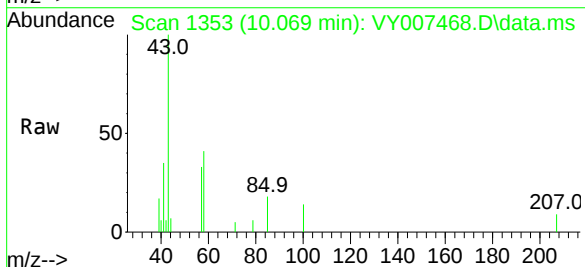
Instrument :
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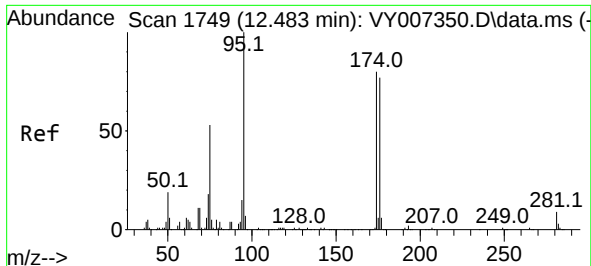
Tgt Ion: 98 Resp: 243489
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.840 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 35.4 28.1 42.1

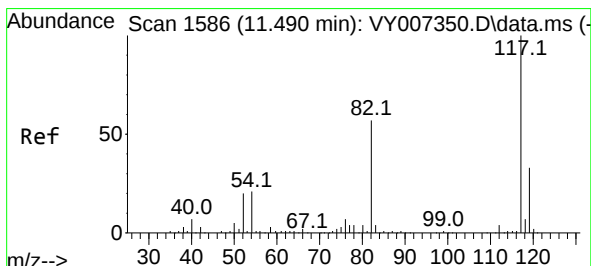
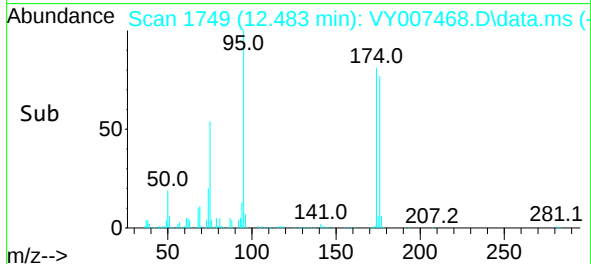
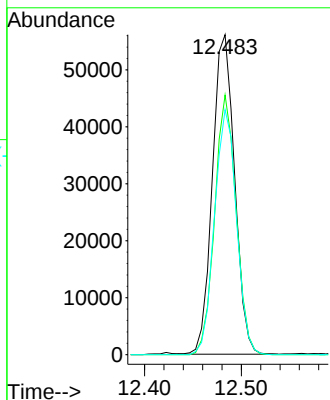
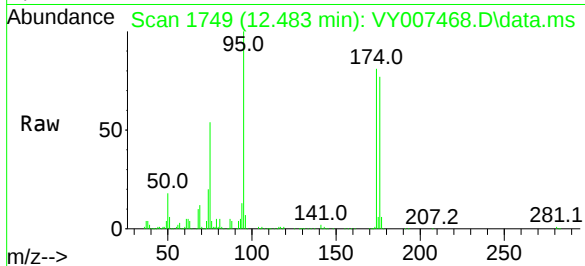




#62
4-Bromofluorobenzene
Concen: 55.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

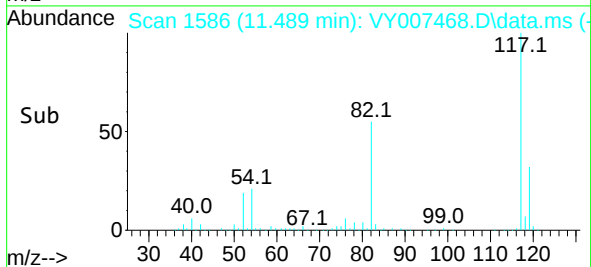
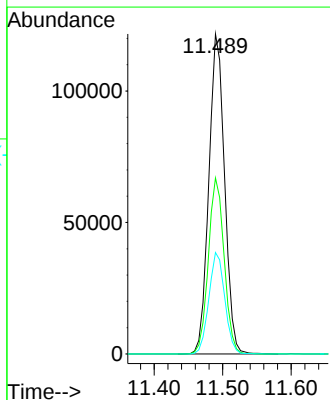
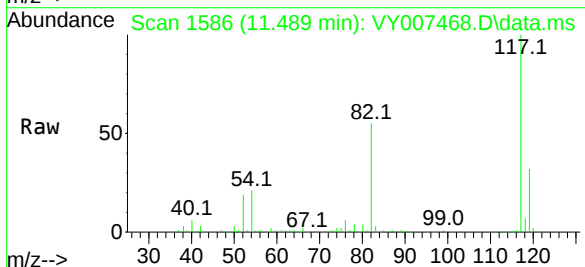
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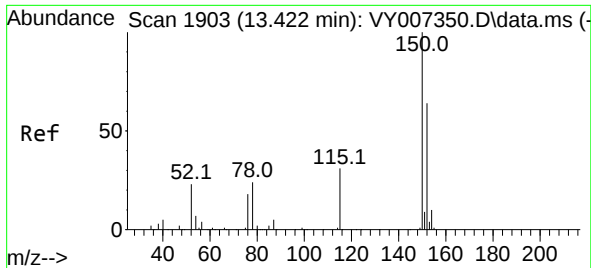
Tgt Ion: 95 Resp: 89239
Ion Ratio Lower Upper
95 100
174 78.4 0.0 177.0
176 76.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007468.D
Acq: 10 Feb 2022 13:50

Tgt Ion: 117 Resp: 194725
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007468.D

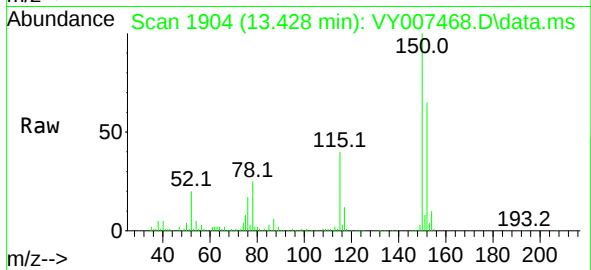
Acq: 10 Feb 2022 13:50

Instrument :

MSVOA_Y

ClientSampleId :

BUR-1140



Tgt Ion:152 Resp: 84645

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 158.1 0.0 347.6

