

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011647.D
 Acq On : 30 Nov 2022 17:36
 Operator : KP/MD
 Sample : N5807-01
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-1-GRAB

Quant Time: Dec 01 05:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

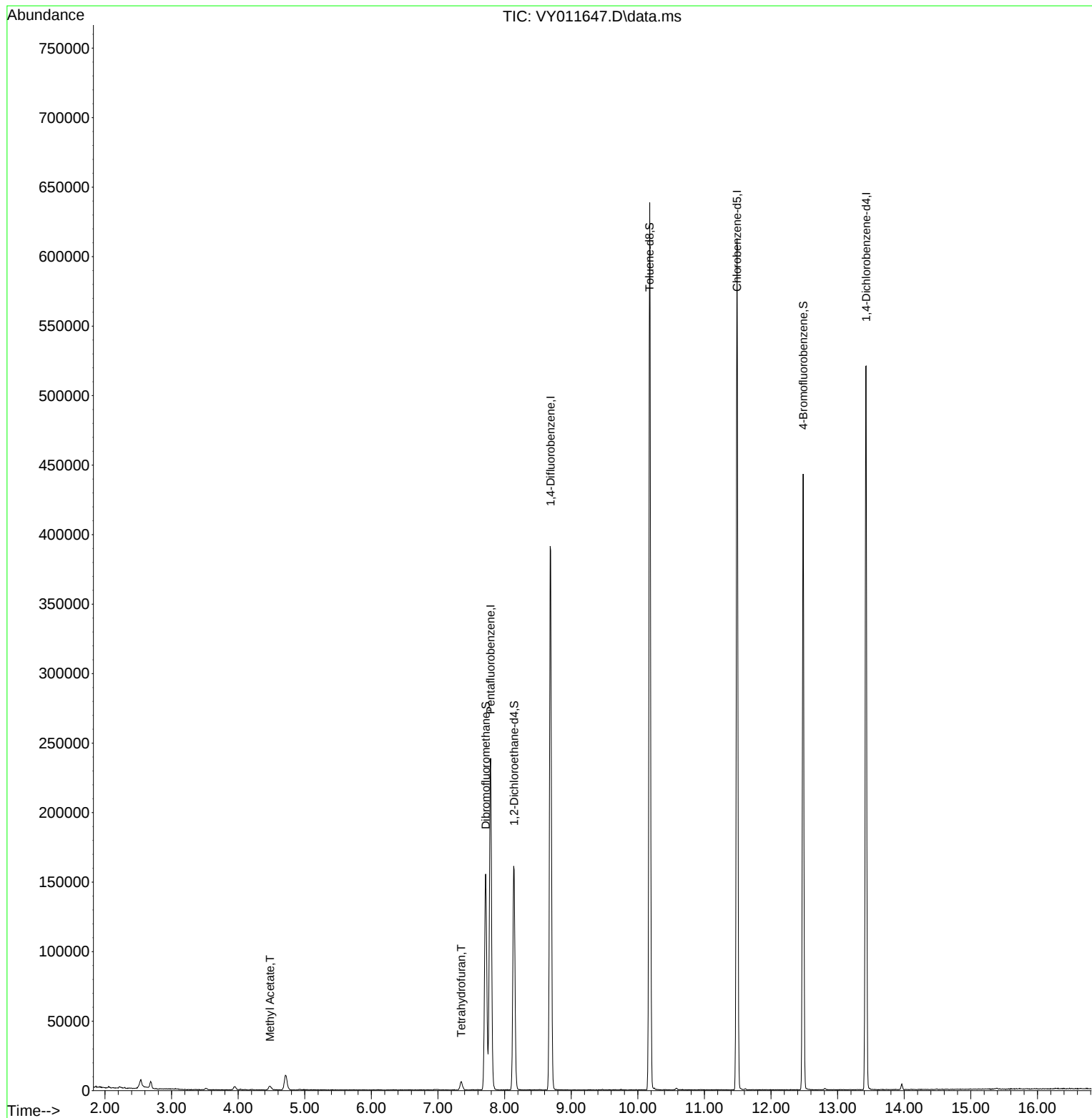
Internal Standards						
1) Pentafluorobenzene	7.789	168	182956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126267	67.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.940%
35) Dibromofluoromethane	7.716	113	108011	52.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.900%
50) Toluene-d8	10.179	98	406397	54.311	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.620%
62) 4-Bromofluorobenzene	12.483	95	128507	46.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.900%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.478	43	5632	1.668	ug/l	93
29) Tetrahydrofuran	7.350	42	4738	10.579	ug/l	93

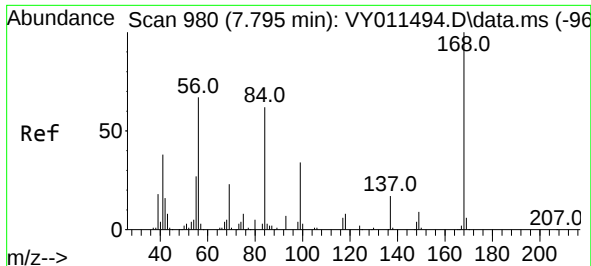
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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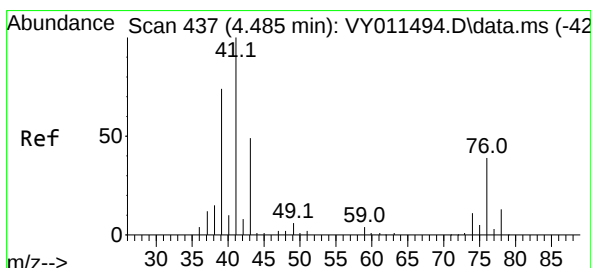
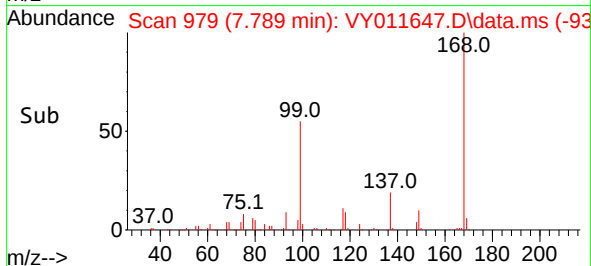
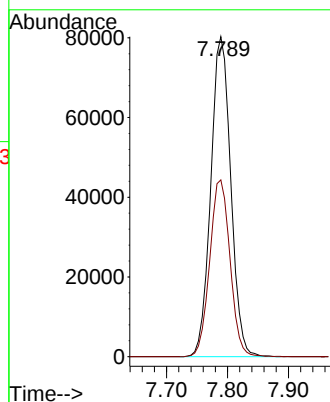
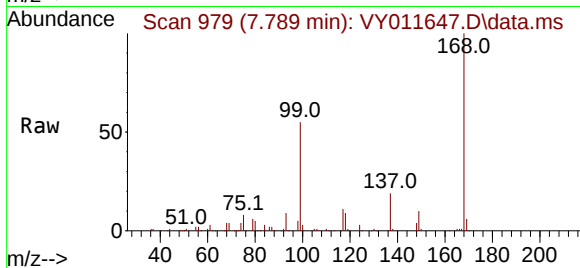




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011647.D
Acq: 30 Nov 2022 17:36

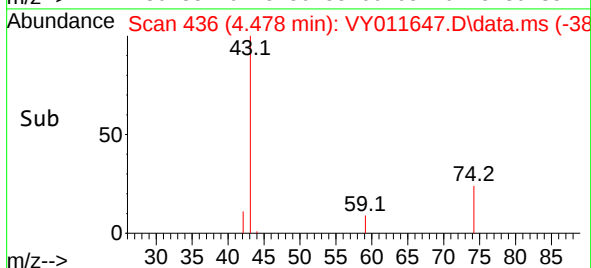
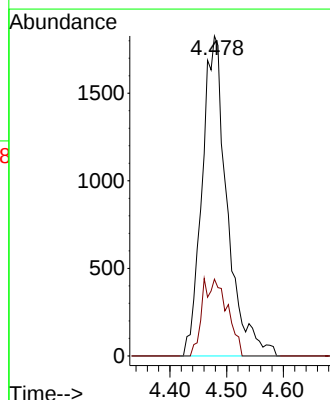
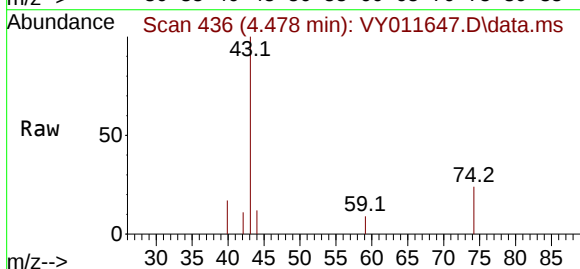
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1-GRAB

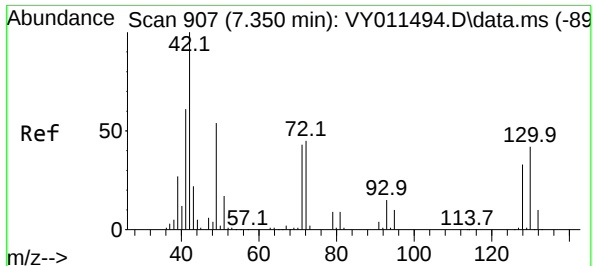
Tgt Ion:168 Resp: 182956
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#18
Methyl Acetate
Concen: 1.668 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.007 min
Lab File: VY011647.D
Acq: 30 Nov 2022 17:36

Tgt Ion: 43 Resp: 5632
Ion Ratio Lower Upper
43 100
74 23.8 16.6 24.8





#29

Tetrahydrofuran

Concen: 10.579 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY011647.D

Acq: 30 Nov 2022 17:36

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-1-GRAB

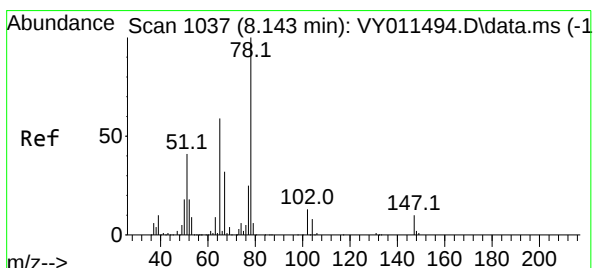
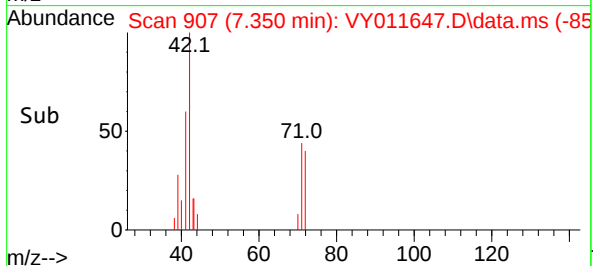
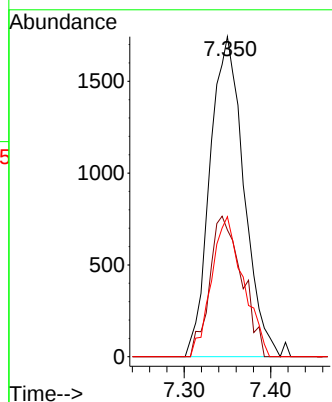
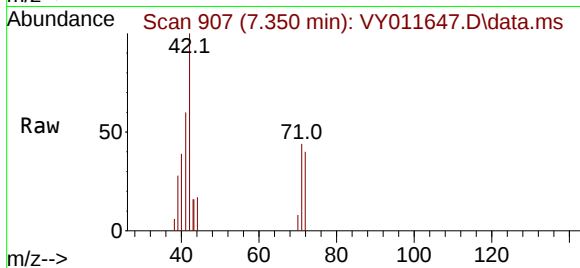
Tgt Ion: 42 Resp: 4738

Ion Ratio Lower Upper

42 100

72 41.8 30.3 45.5

71 41.1 29.0 43.4



#33

1,2-Dichloroethane-d4

Concen: 67.968 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011647.D

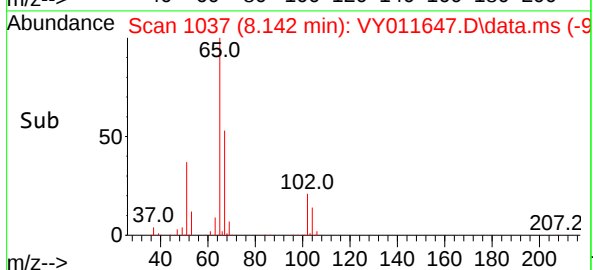
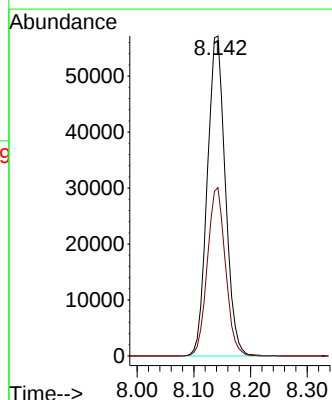
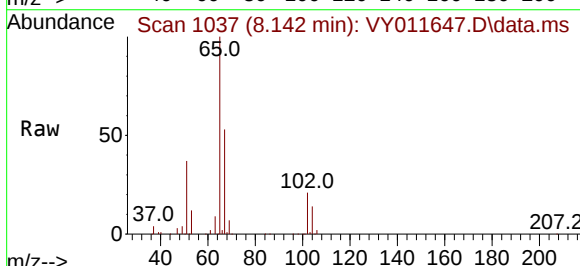
Acq: 30 Nov 2022 17:36

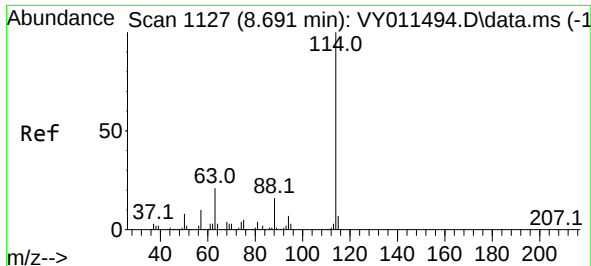
Tgt Ion: 65 Resp: 126267

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4

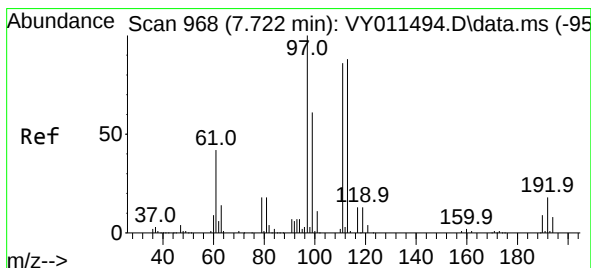
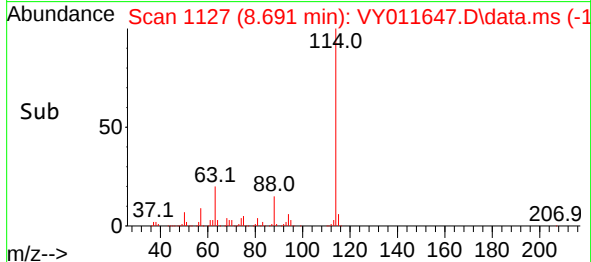
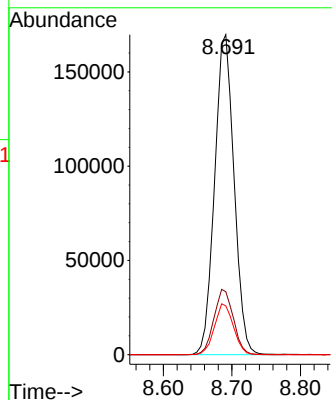
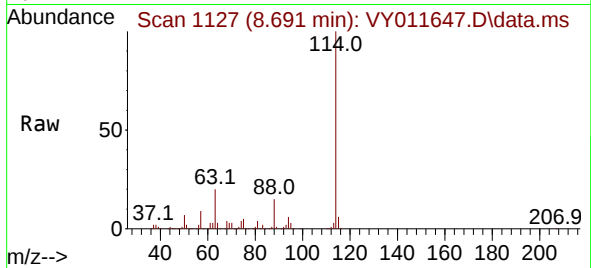




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011647.D
Acq: 30 Nov 2022 17:36

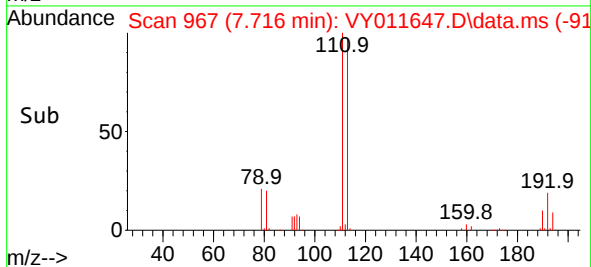
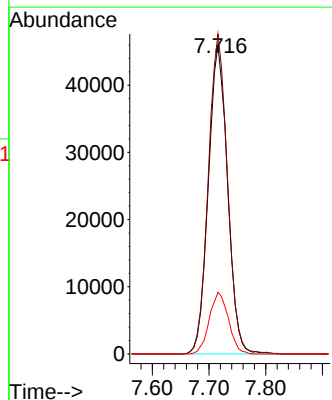
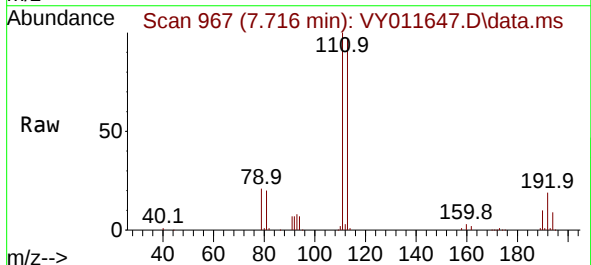
Instrument :
MSVOA_Y
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TOTAL-VOC-1-GRAB

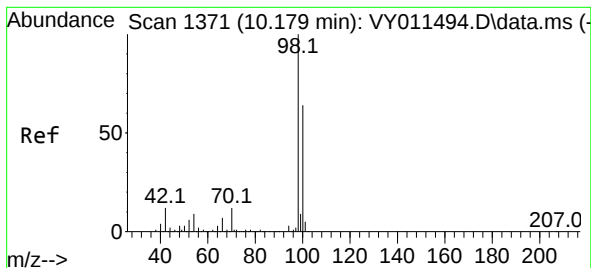
Tgt Ion:114 Resp: 334497
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.454 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011647.D
Acq: 30 Nov 2022 17:36

Tgt Ion:113 Resp: 108011
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.9 17.6 26.4

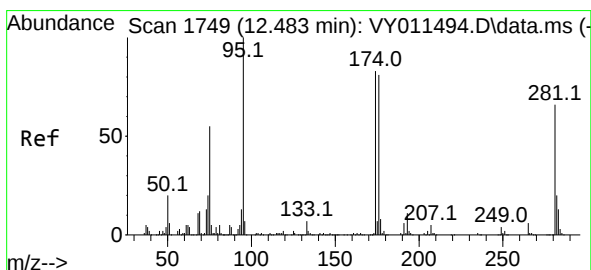
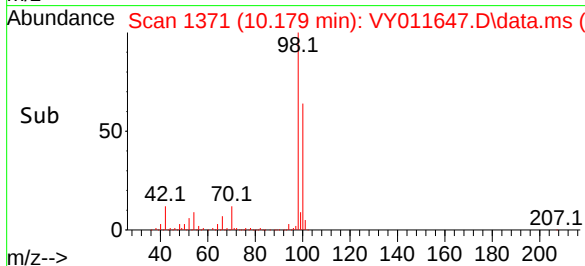
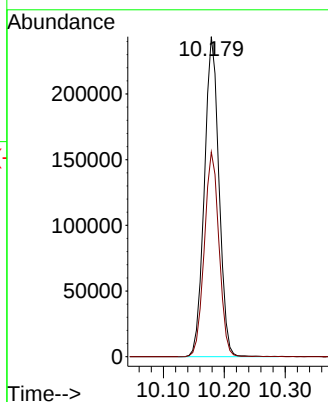
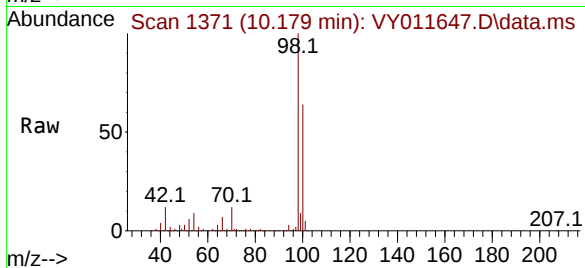




#50
Toluene-d8
Concen: 54.311 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011647.D
Acq: 30 Nov 2022 17:36

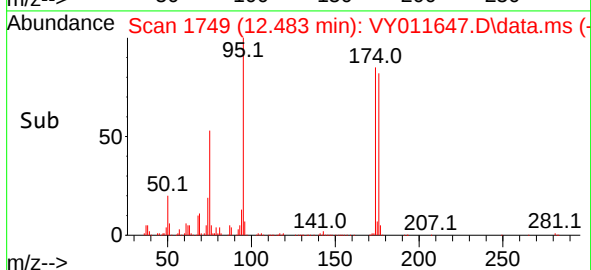
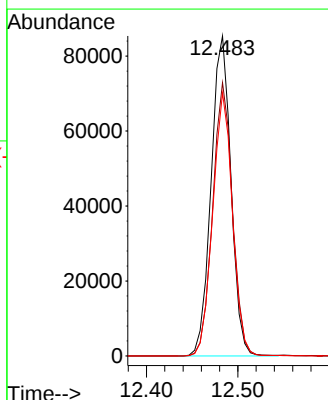
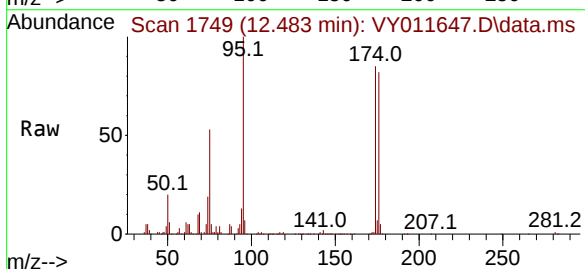
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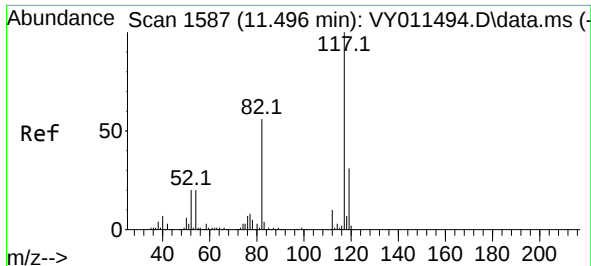
Tgt Ion: 98 Resp: 406397
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011647.D
Acq: 30 Nov 2022 17:36

Tgt Ion: 95 Resp: 128507
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.0 0.0 175.8

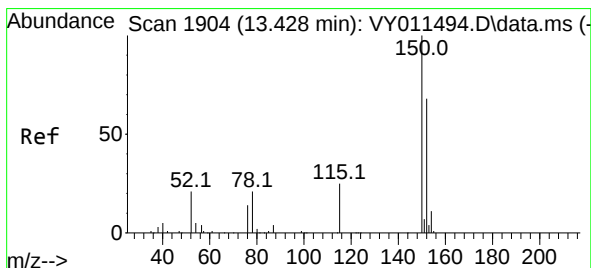
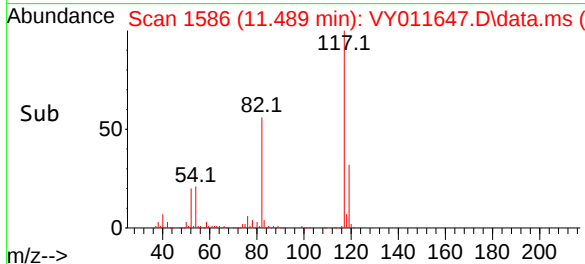
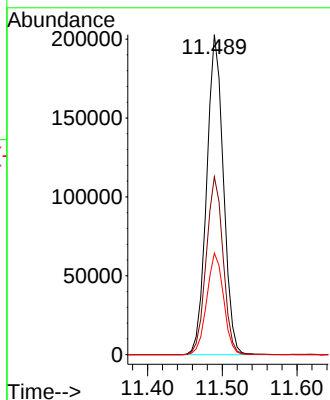
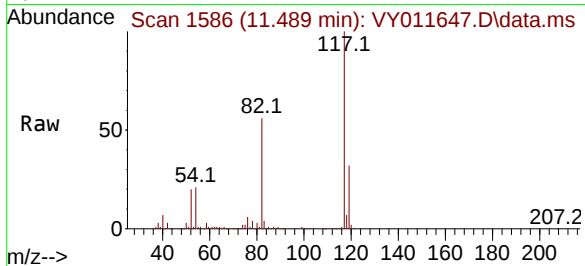




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11586
Delta R.T. -0.007 min
Lab File: VY011647.D
Acq: 30 Nov 2022 17:36

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-1-GRAB

Tgt Ion:117 Resp: 315790
Ion Ratio Lower Upper
117 100
82 55.6 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. 0.000 min
Lab File: VY011647.D
Acq: 30 Nov 2022 17:36

Tgt Ion:152 Resp: 133821
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 157.3 0.0 347.6

