

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011578.D
 Acq On : 23 Nov 2022 16:21
 Operator : KP/MD
 Sample : N5762-05
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Nov 24 00:38:40 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)

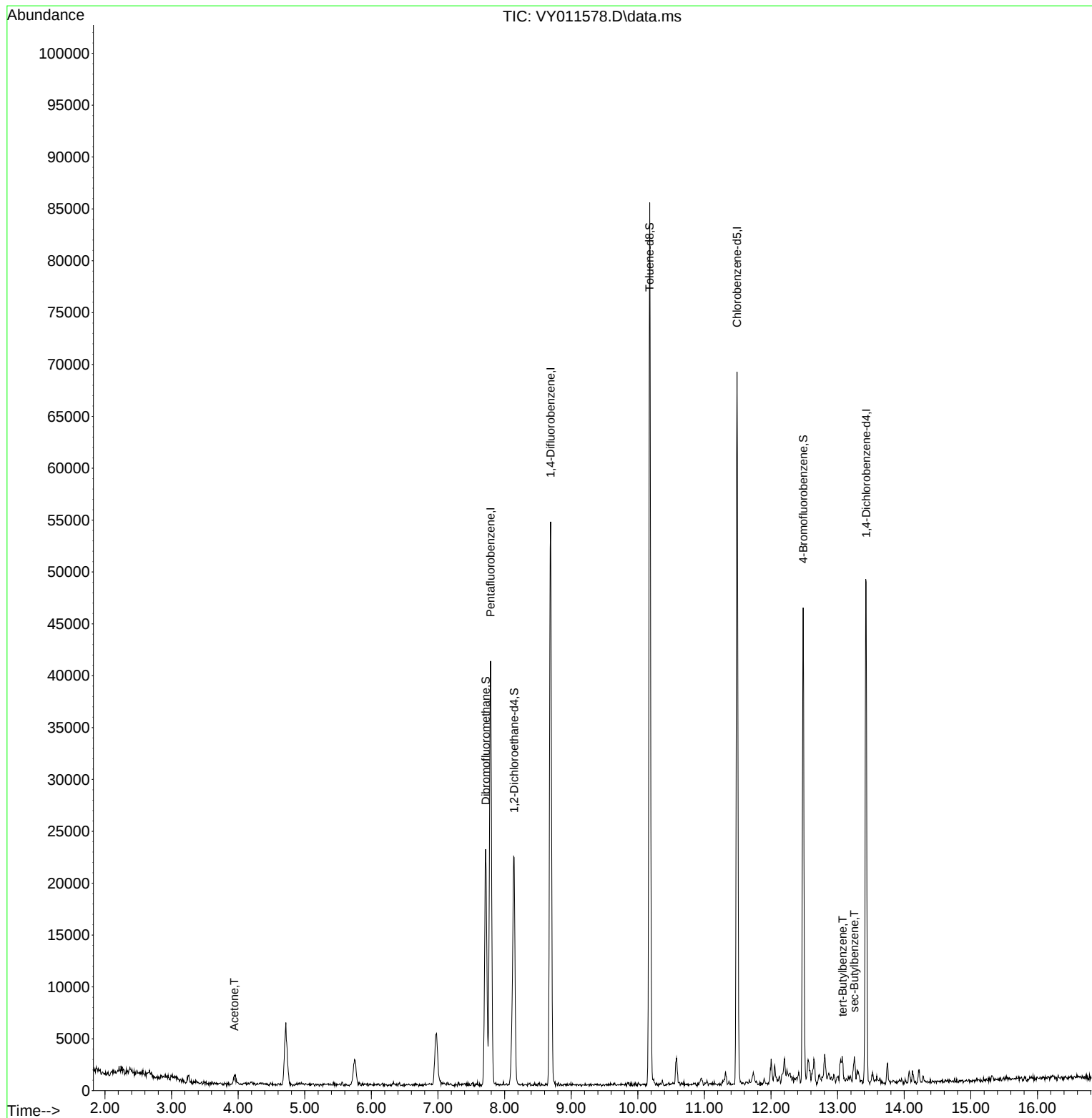
Internal Standards						
1) Pentafluorobenzene	7.789	168	30716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	46963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16006	51.320	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.640%		
35) Dibromofluoromethane	7.716	113	15949	55.168	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.340%		
50) Toluene-d8	10.179	98	54284	51.671	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.340%		
62) 4-Bromofluorobenzene	12.483	95	12993	33.450	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 66.900%		
Target Compounds						
						Qvalue
16) Acetone	3.942	43	1415	13.967	ug/l #	79
83) tert-Butylbenzene	13.075	119	1236	1.751	ug/l	97
85) sec-Butylbenzene	13.251	105	1507	1.431	ug/l #	73

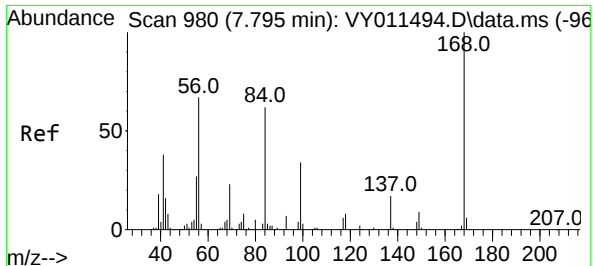
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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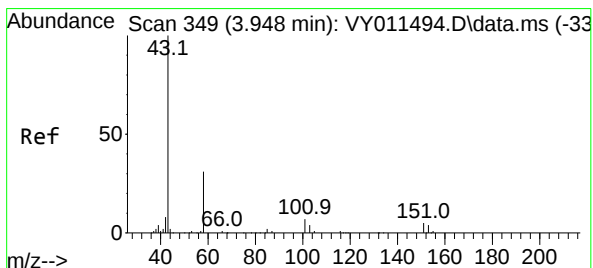
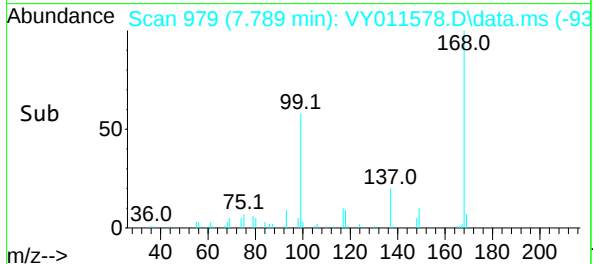
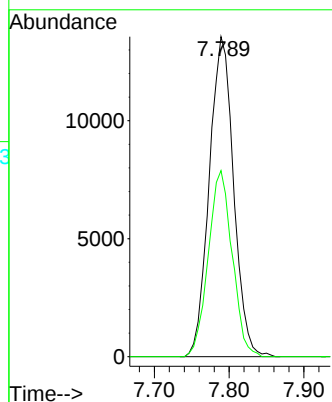
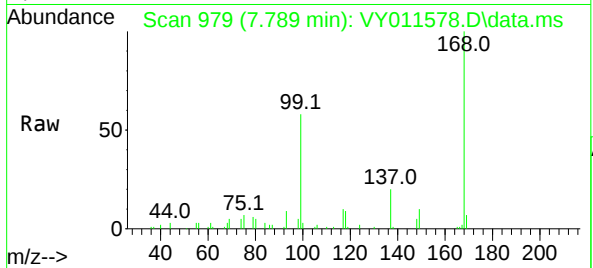




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011578.D
Acq: 23 Nov 2022 16:21

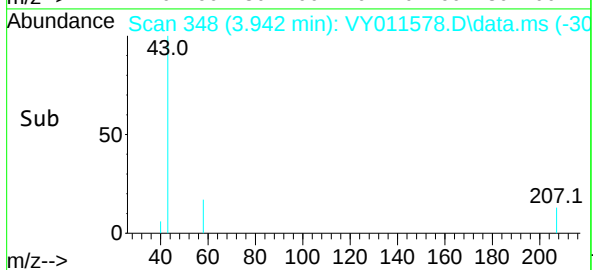
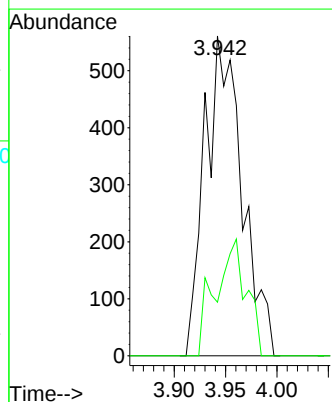
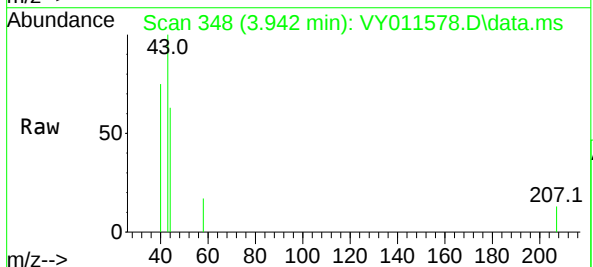
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

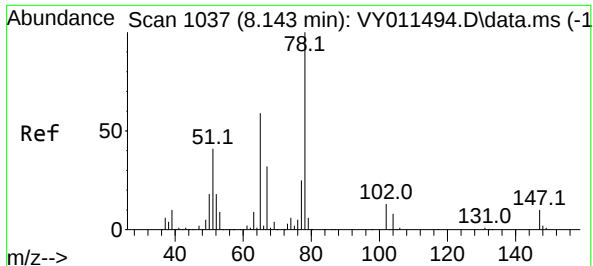
Tgt Ion:168 Resp: 30716
Ion Ratio Lower Upper
168 100
99 58.2 46.9 70.3



#16
Acetone
Concen: 13.967 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011578.D
Acq: 23 Nov 2022 16:21

Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 16.8 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 51.320 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011578.D

Acq: 23 Nov 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

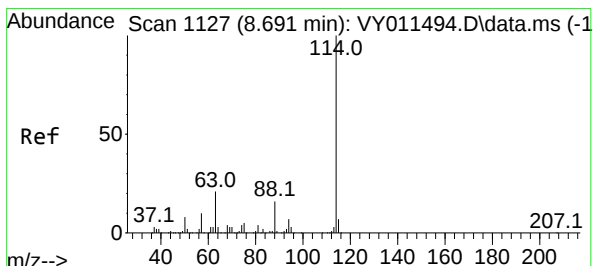
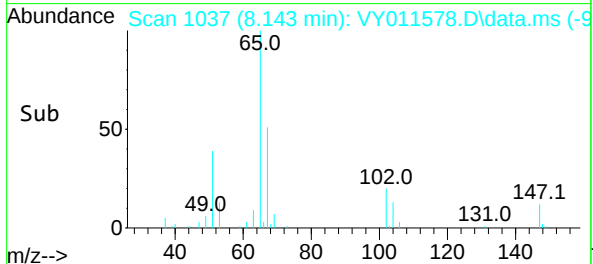
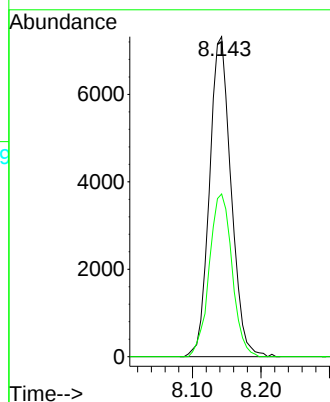
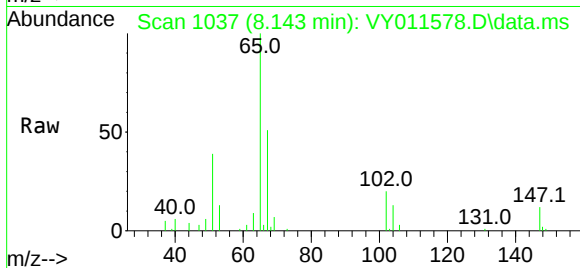
TP-1

Tgt Ion: 65 Resp: 16006

Ion Ratio Lower Upper

65 100

67 53.7 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: VY011578.D

Acq: 23 Nov 2022 16:21

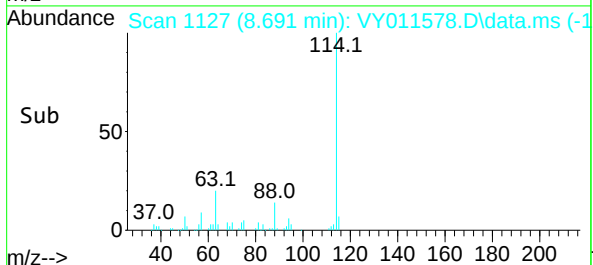
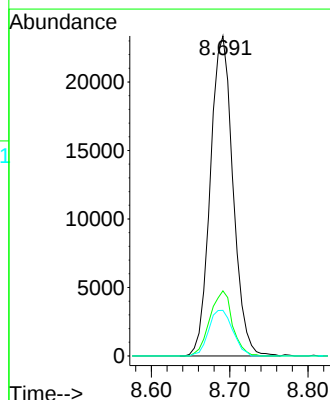
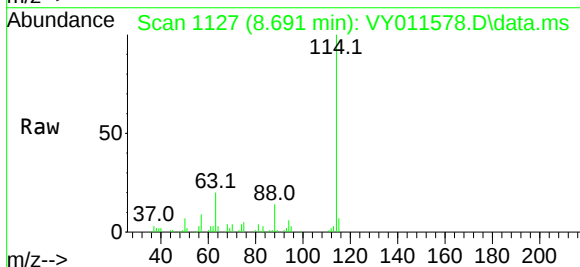
Tgt Ion: 114 Resp: 46963

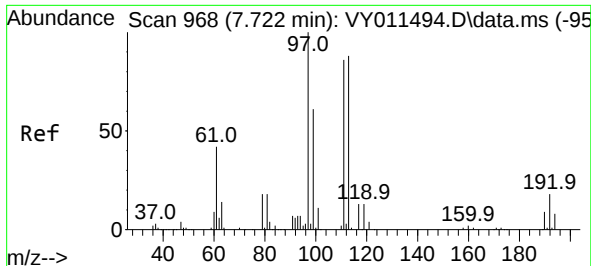
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.168 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY011578.D

Acq: 23 Nov 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

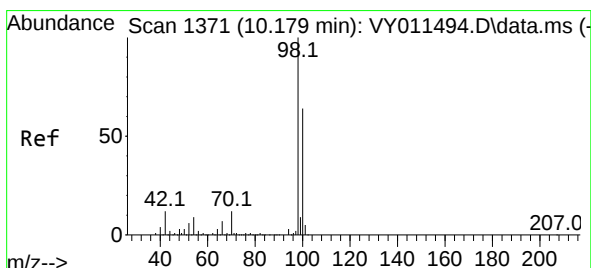
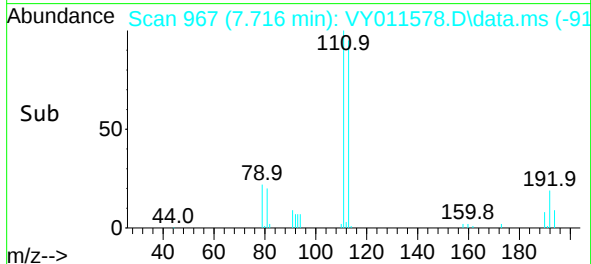
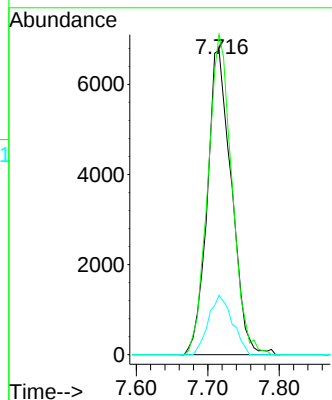
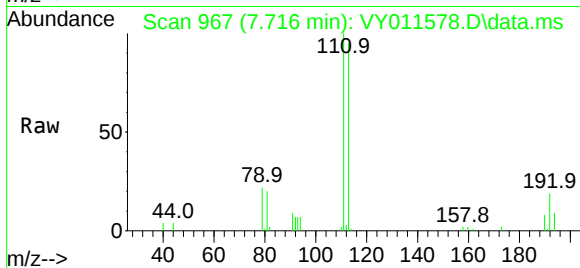
Tgt Ion:113 Resp: 15949

Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 19.2 17.6 26.4



#50

Toluene-d8

Concen: 51.671 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011578.D

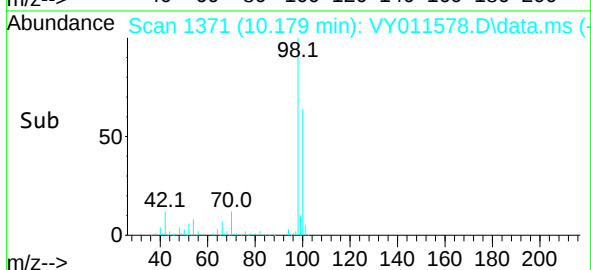
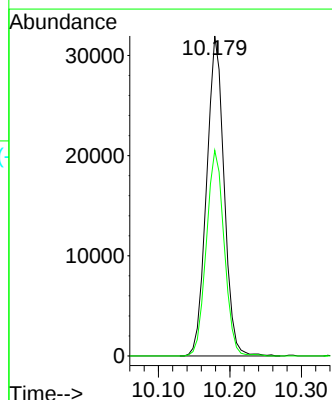
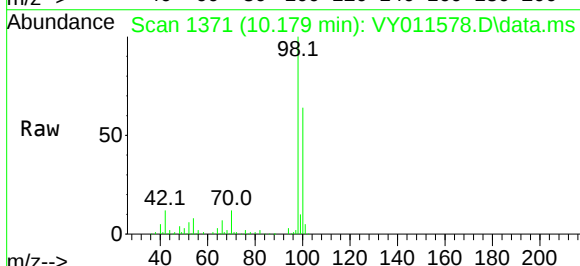
Acq: 23 Nov 2022 16:21

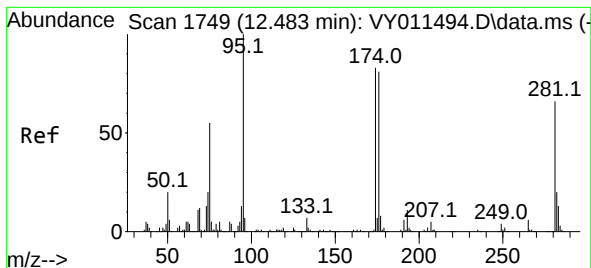
Tgt Ion: 98 Resp: 54284

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

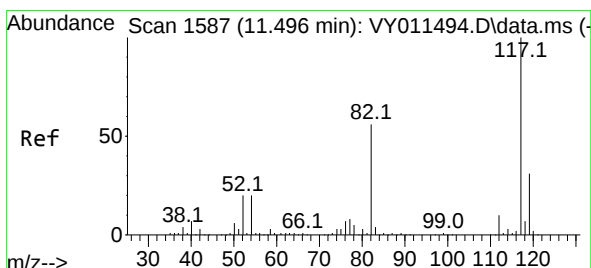
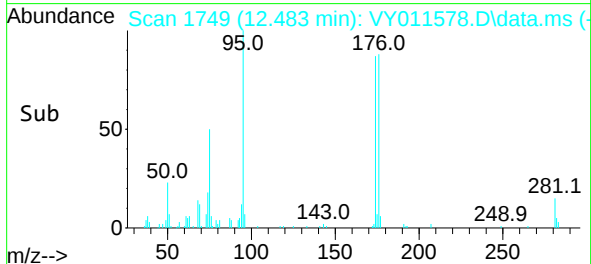
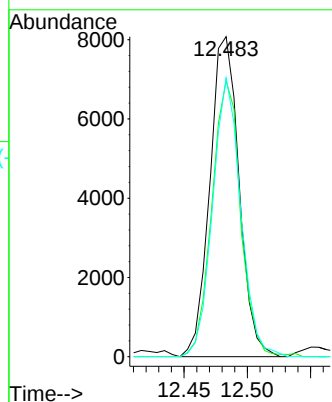
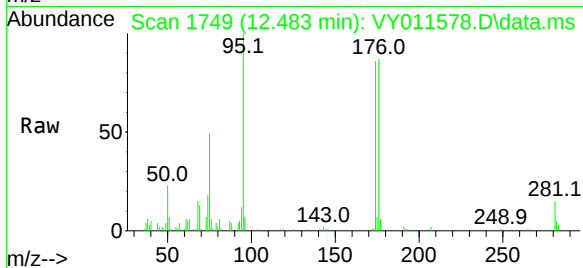




#62
4-Bromofluorobenzene
Concen: 33.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011578.D
Acq: 23 Nov 2022 16:21

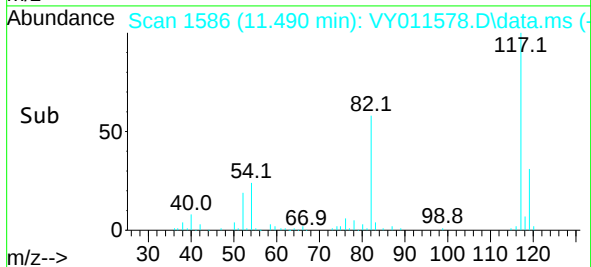
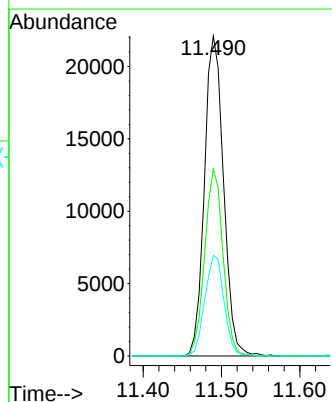
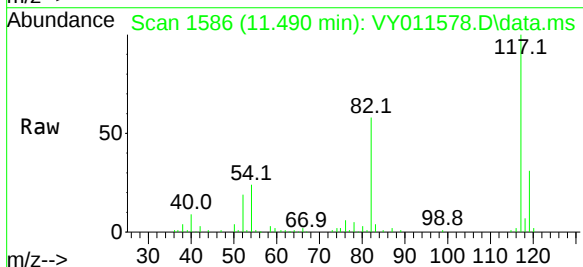
Instrument :
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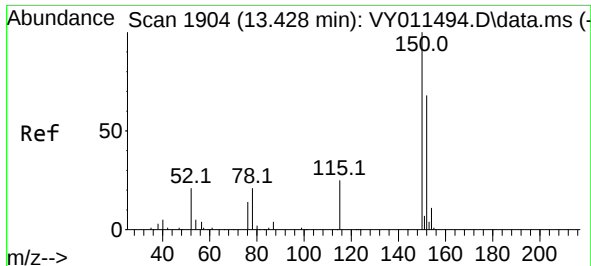
Tgt Ion: 95 Resp: 12993
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 83.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011578.D
Acq: 23 Nov 2022 16:21

Tgt Ion: 117 Resp: 37378
Ion Ratio Lower Upper
117 100
82 58.4 43.0 64.4
119 31.5 25.4 38.0

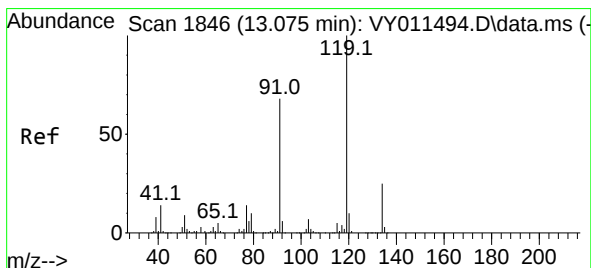
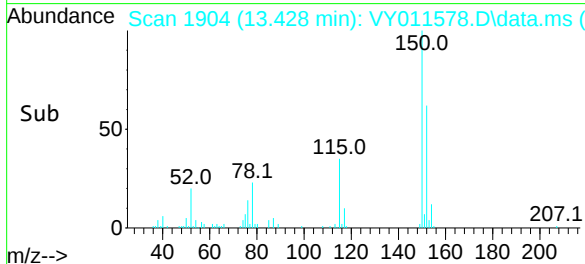
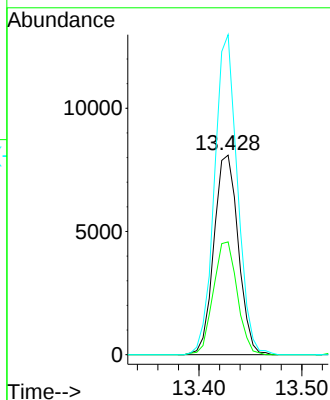
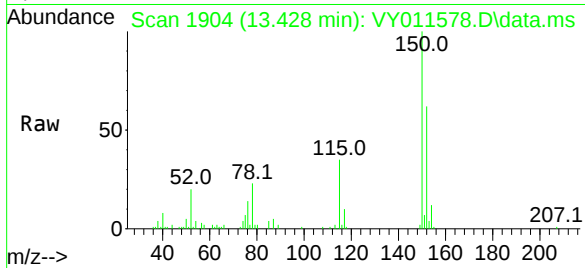




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011578.D
 Acq: 23 Nov 2022 16:21

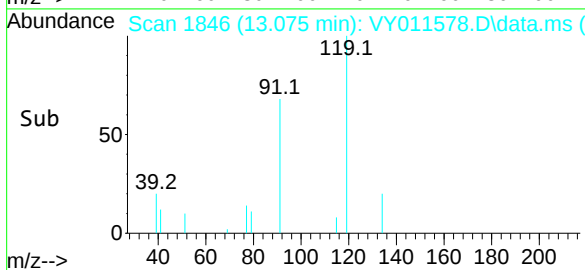
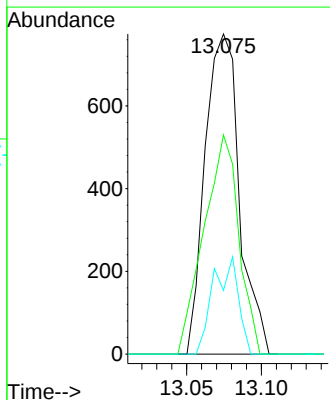
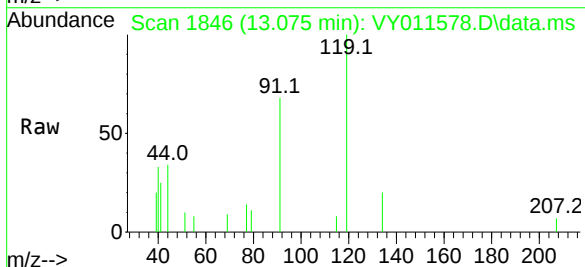
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

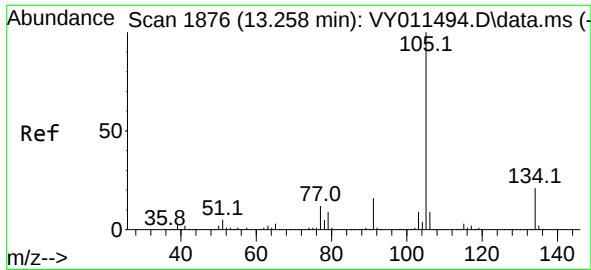
Tgt Ion:152 Resp: 13292
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.2 84.7
 150 151.4 0.0 347.6



#83
 tert-Butylbenzene
 Concen: 1.751 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY011578.D
 Acq: 23 Nov 2022 16:21

Tgt Ion:119 Resp: 1236
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.8 104.4
 134 22.1 13.3 39.9





#85

sec-Butylbenzene

Concen: 1.431 ug/l

RT: 13.251 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011578.D

Acq: 23 Nov 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

Tgt Ion:105 Resp: 1507

Ion Ratio Lower Upper

105 100

134 32.7 10.2 30.4#

