

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013029.D
 Acq On : 21 Mar 2023 15:58
 Operator : KP/MD
 Sample : 02023-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-TEST-PIT-ON-CENTRAL

Quant Time: Mar 22 04:21:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

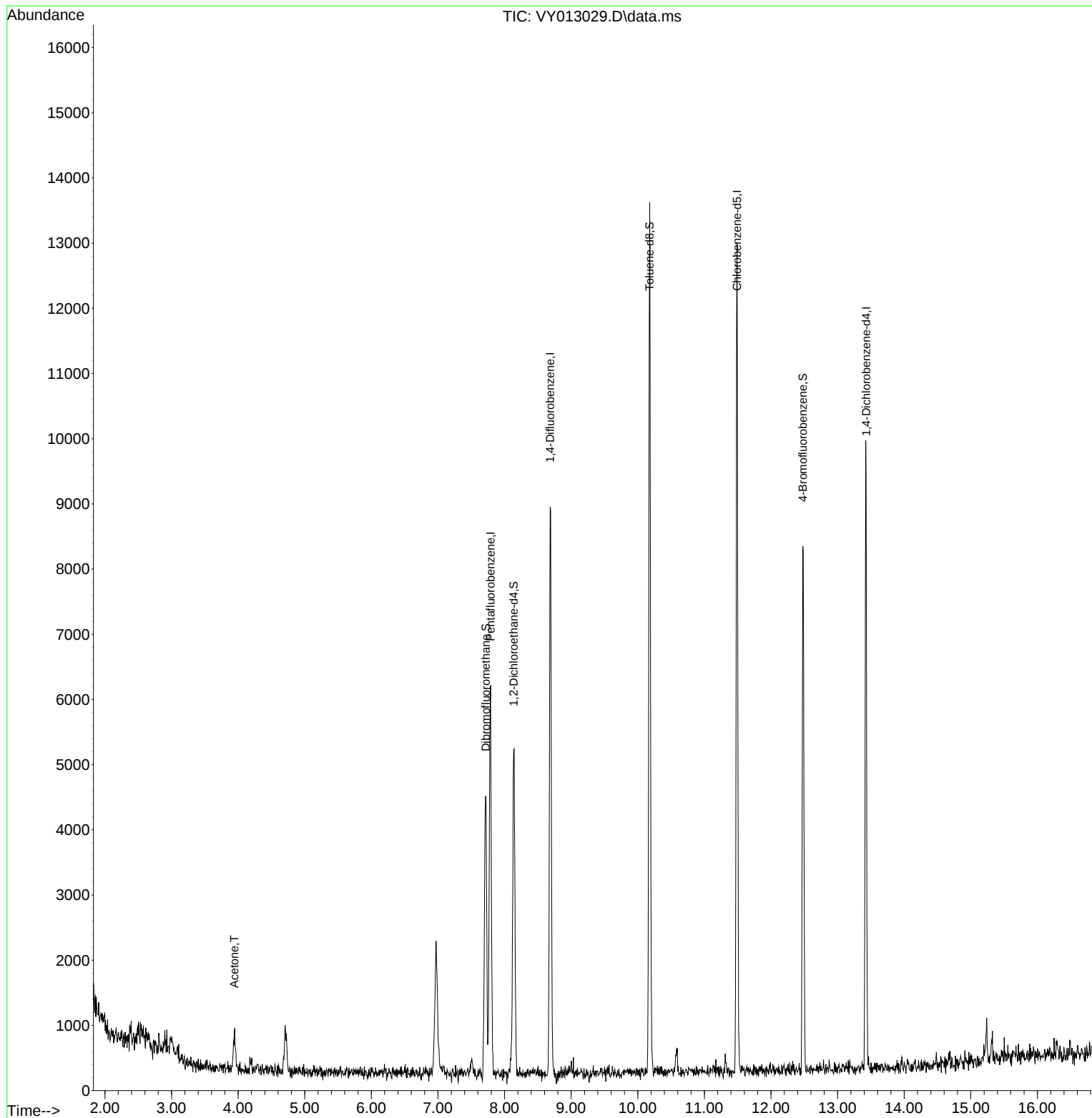
Internal Standards						
1) Pentafluorobenzene	7.789	168	5059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3945	78.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.080%	
35) Dibromofluoromethane	7.716	113	3209	70.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.680%	
50) Toluene-d8	10.179	98	9354	56.089	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.180%	
62) 4-Bromofluorobenzene	12.477	95	2555	45.390	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.780%	
Target Compounds						
16) Acetone	3.942	43	978	49.606	ug/l	Qvalue # 88

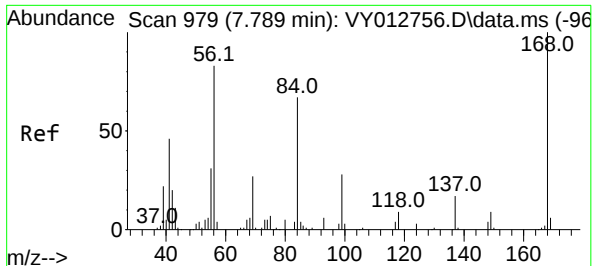
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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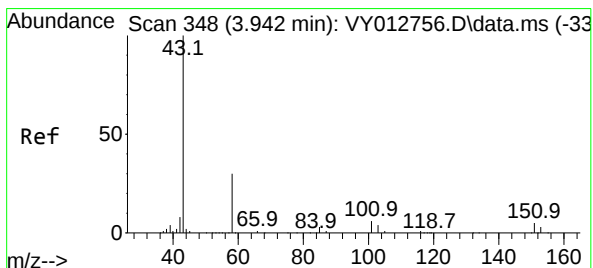
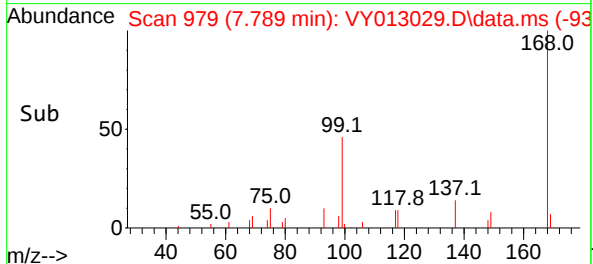
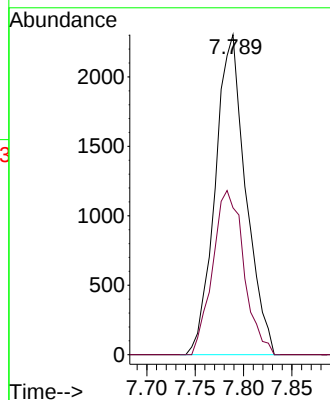
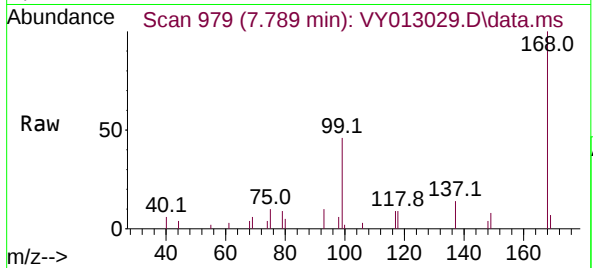




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

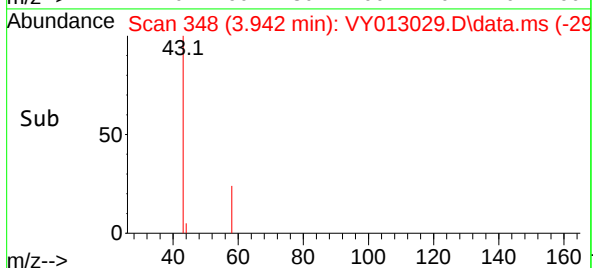
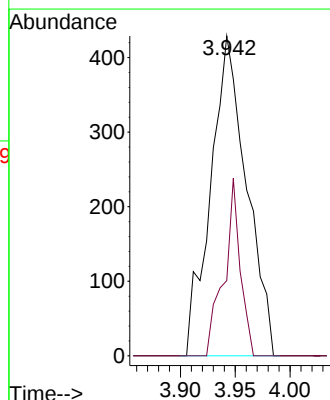
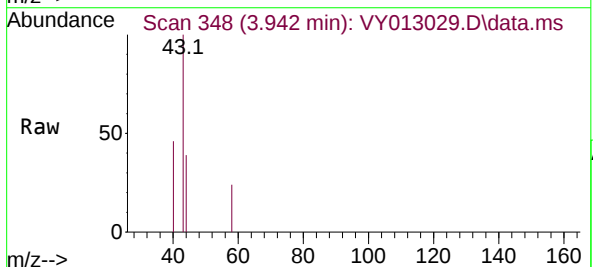
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

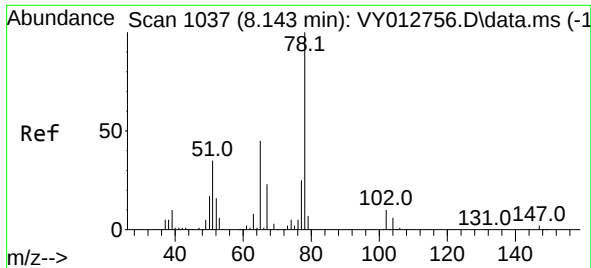
Tgt Ion:168 Resp: 5059
Ion Ratio Lower Upper
168 100
99 45.9 41.7 62.5



#16
Acetone
Concen: 49.606 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 23.5 24.2 36.2#

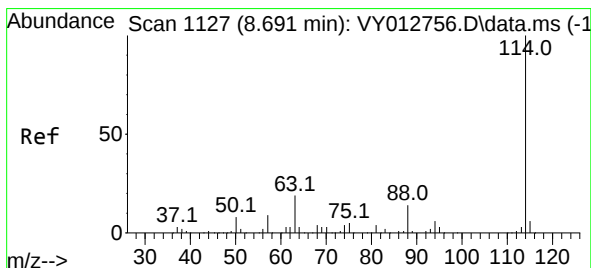
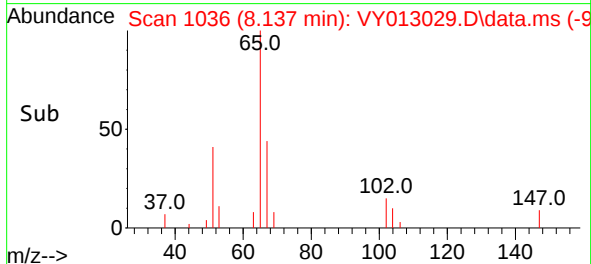
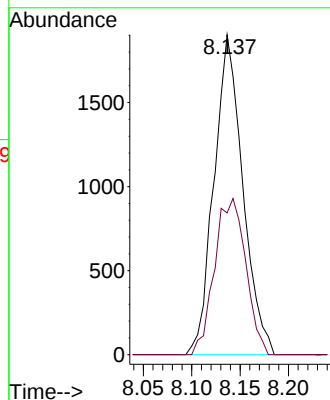
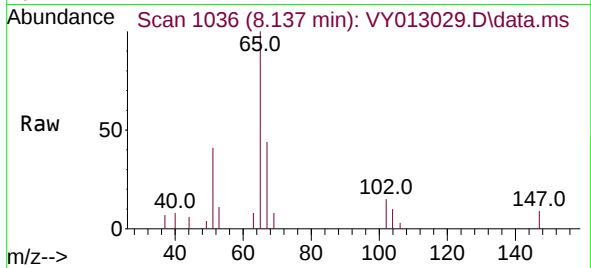




#33
 1,2-Dichloroethane-d4
 Concen: 78.540 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013029.D
 Acq: 21 Mar 2023 15:58

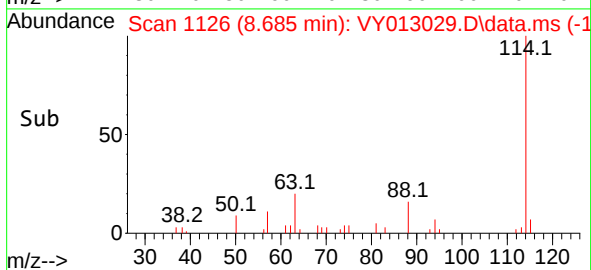
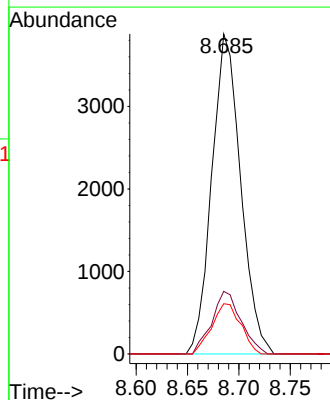
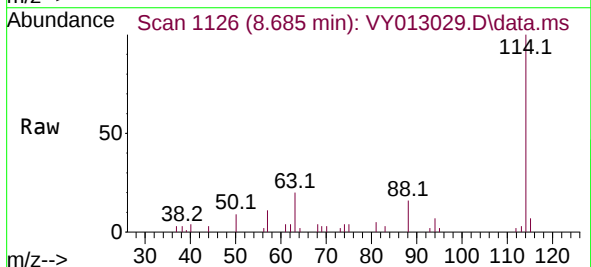
Instrument :
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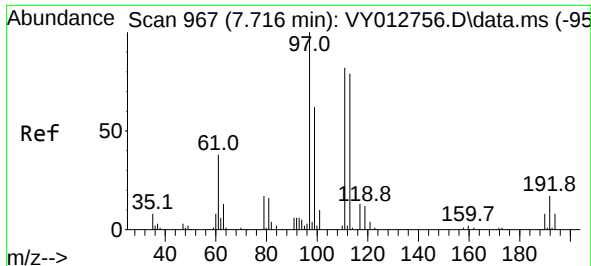
Tgt Ion: 65 Resp: 3945
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013029.D
 Acq: 21 Mar 2023 15:58

Tgt Ion: 114 Resp: 7559
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.4
 88 15.7 0.0 28.6

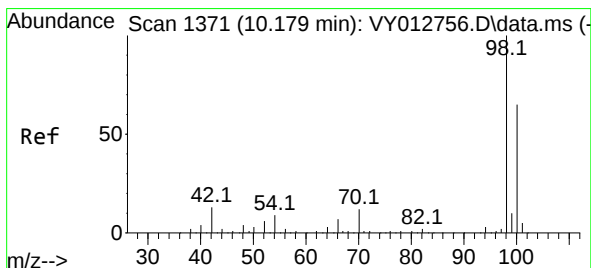
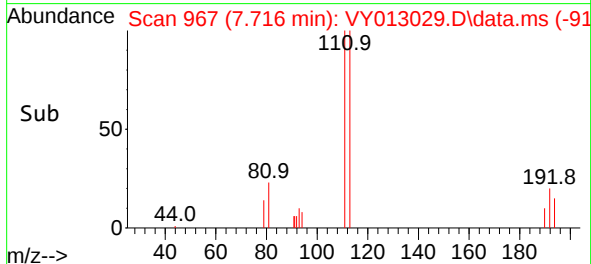
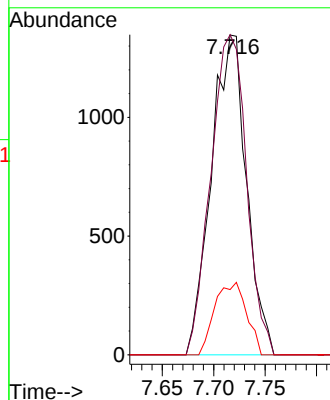
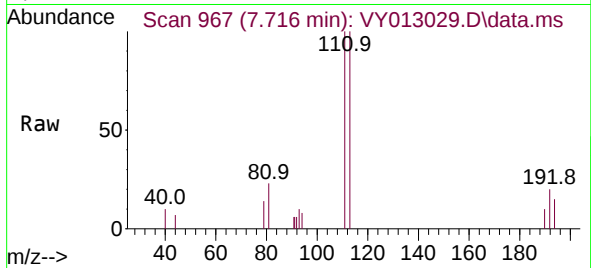




#35
Dibromofluoromethane
Concen: 70.344 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

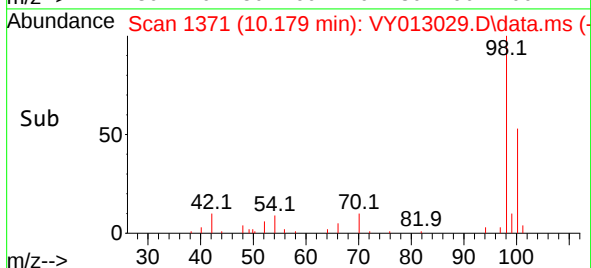
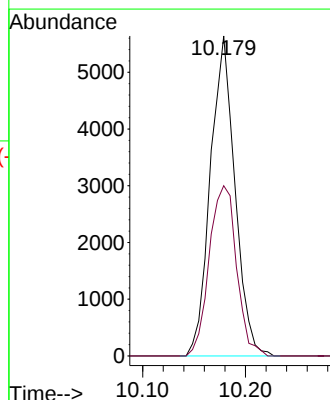
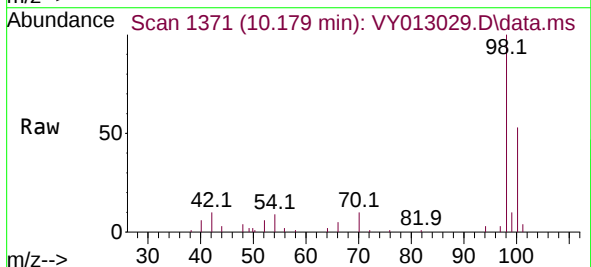
Instrument :
MSVOA_Y
ClientSampleId :
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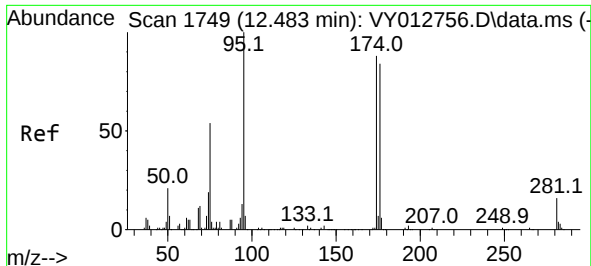
Tgt Ion:113 Resp: 3209
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.3 16.8 25.2



#50
Toluene-d8
Concen: 56.089 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013029.D
Acq: 21 Mar 2023 15:58

Tgt Ion: 98 Resp: 9354
Ion Ratio Lower Upper
98 100
100 59.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 45.390 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013029.D

Acq: 21 Mar 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-TEST-PIT-ON-CENTRAL

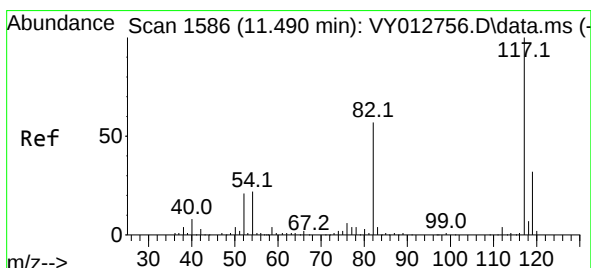
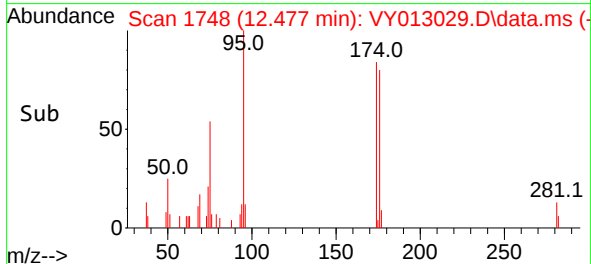
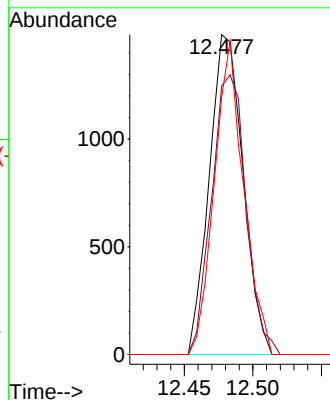
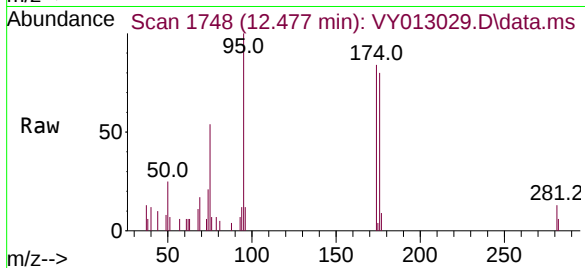
Tgt Ion: 95 Resp: 2555

Ion Ratio Lower Upper

95 100

174 88.3 0.0 176.6

176 84.9 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013029.D

Acq: 21 Mar 2023 15:58

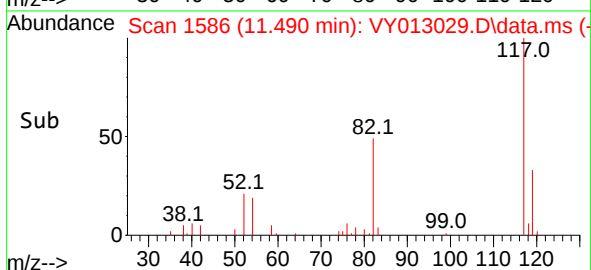
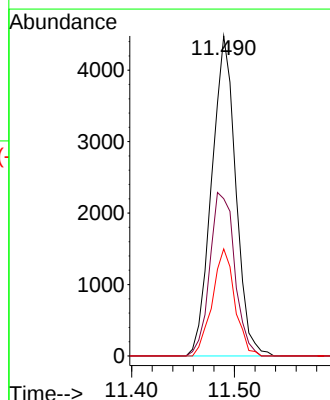
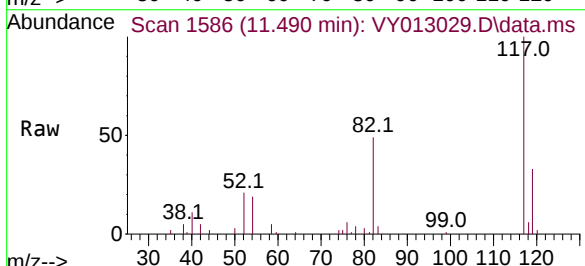
Tgt Ion: 117 Resp: 7283

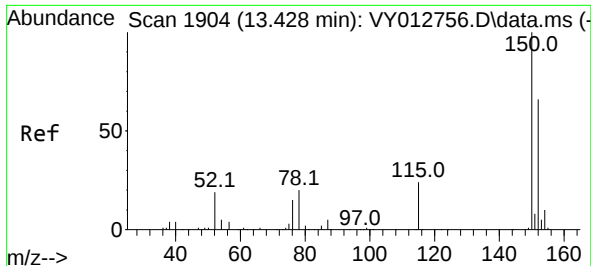
Ion Ratio Lower Upper

117 100

82 49.2 45.4 68.0

119 33.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013029.D

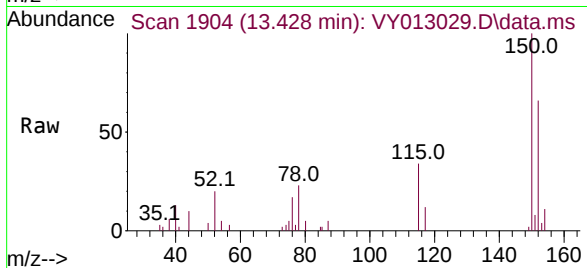
Acq: 21 Mar 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 2704

Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 161.1 0.0 347.8

