

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013095.D
 Acq On : 27 Mar 2023 16:31
 Operator : KP/MD
 Sample : 02104-01
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-37-SB01

Quant Time: Mar 28 01:45:27 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)

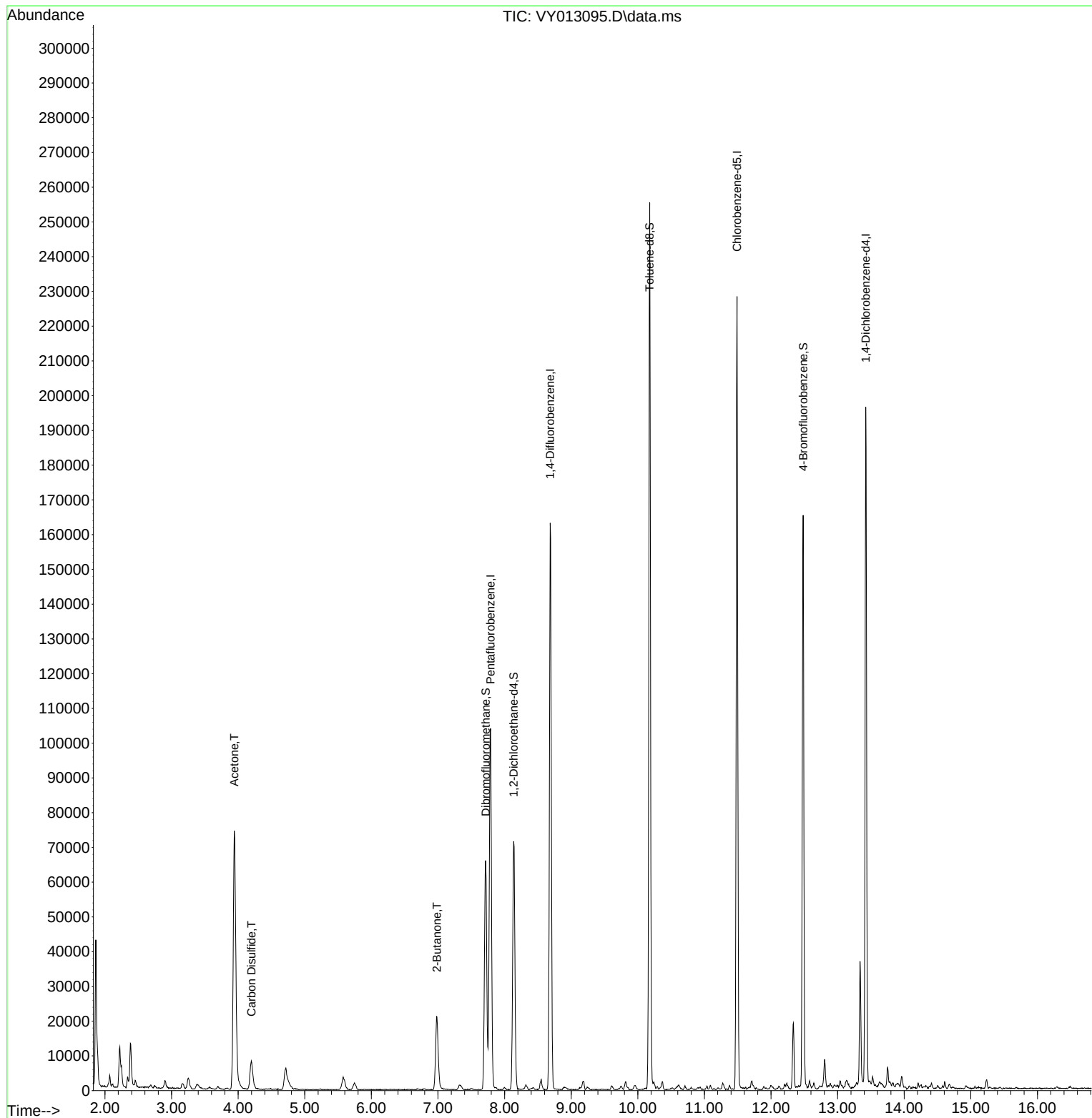
Internal Standards						
1) Pentafluorobenzene	7.789	168	81681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54665	67.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.820%	
35) Dibromofluoromethane	7.716	113	47051	57.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.500%	
50) Toluene-d8	10.179	98	160008	53.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.483	95	47011	46.354	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.700%	
Target Compounds						
						Qvalue
16) Acetone	3.942	43	131971	414.588	ug/l	98
17) Carbon Disulfide	4.198	76	8374	2.925	ug/l	96
25) 2-Butanone	6.984	43	36857	93.483	ug/l	92

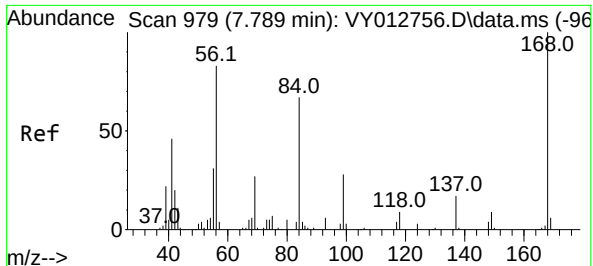
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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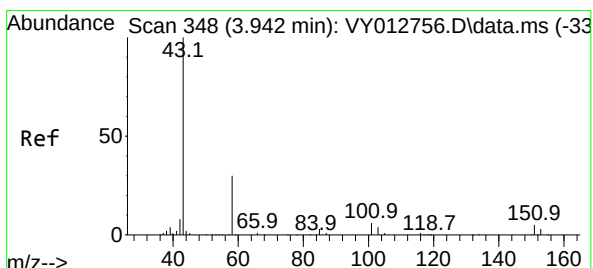
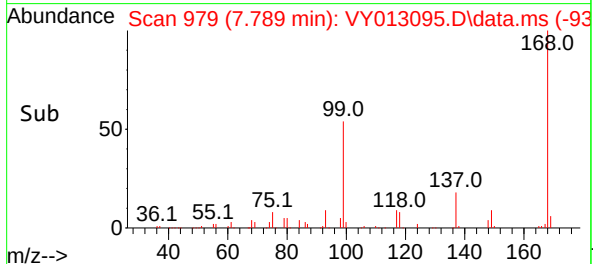
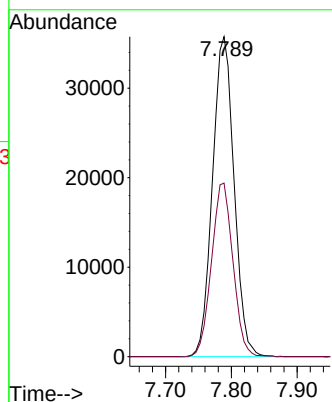
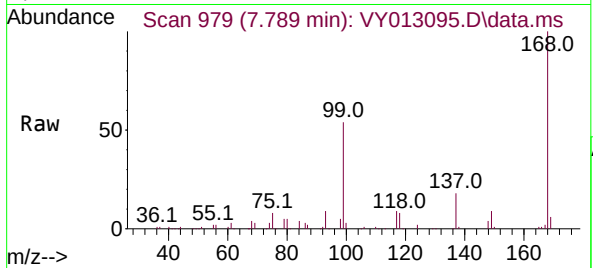




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013095.D
Acq: 27 Mar 2023 16:31

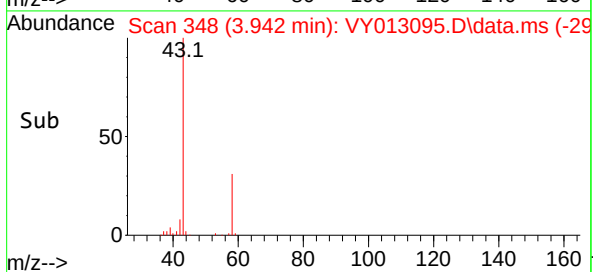
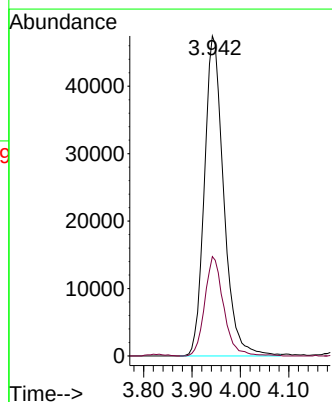
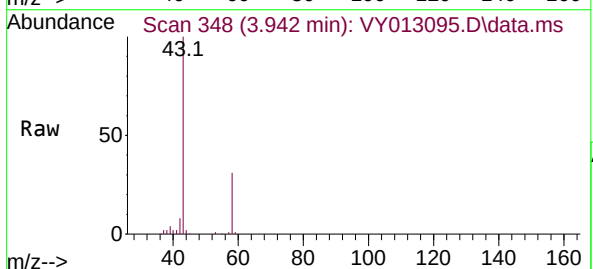
Instrument :
MSVOA_Y
ClientSampleId :
B-37-SB01

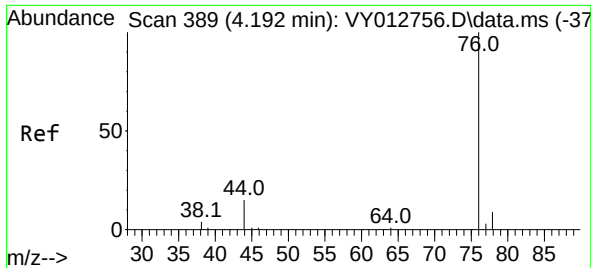
Tgt Ion:168 Resp: 81681
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#16
Acetone
Concen: 414.588 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013095.D
Acq: 27 Mar 2023 16:31

Tgt Ion: 43 Resp: 131971
Ion Ratio Lower Upper
43 100
58 31.1 24.2 36.2

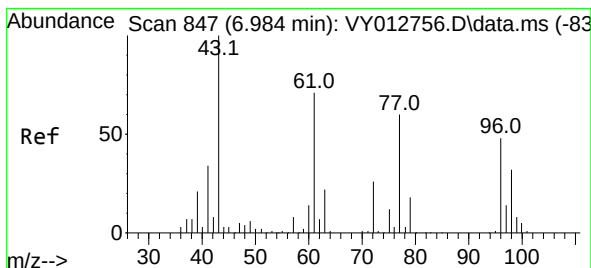
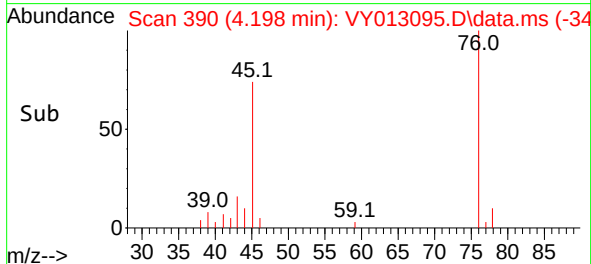
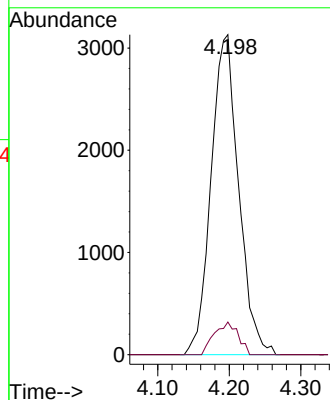
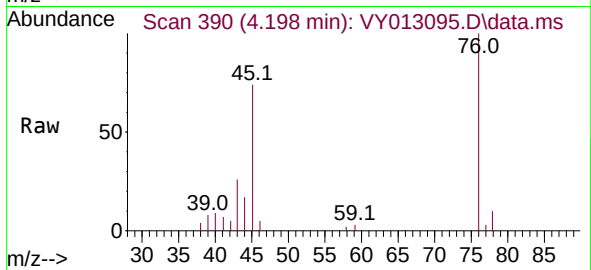




#17
Carbon Disulfide
Concen: 2.925 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013095.D
Acq: 27 Mar 2023 16:31

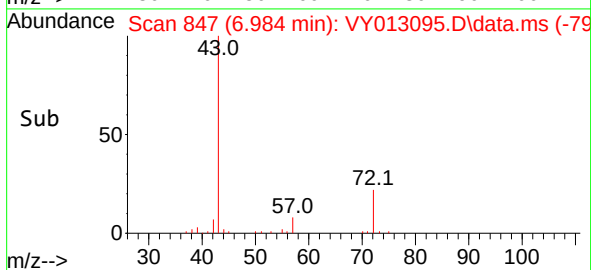
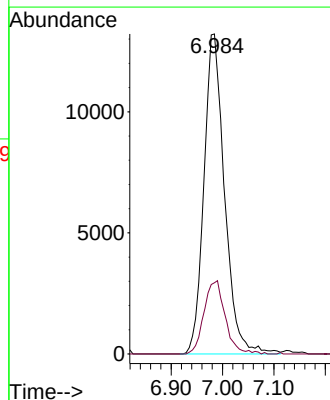
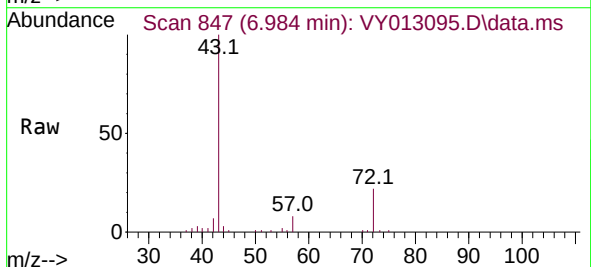
Instrument :
MSVOA_Y
ClientSampleId :
B-37-SB01

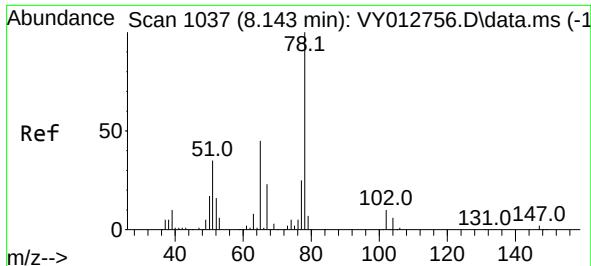
Tgt Ion: 76 Resp: 8374
Ion Ratio Lower Upper
76 100
78 10.2 7.1 10.7



#25
2-Butanone
Concen: 93.483 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013095.D
Acq: 27 Mar 2023 16:31

Tgt Ion: 43 Resp: 36857
Ion Ratio Lower Upper
43 100
72 22.3 21.0 31.4





#33

1,2-Dichloroethane-d4

Concen: 67.406 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013095.D

Acq: 27 Mar 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

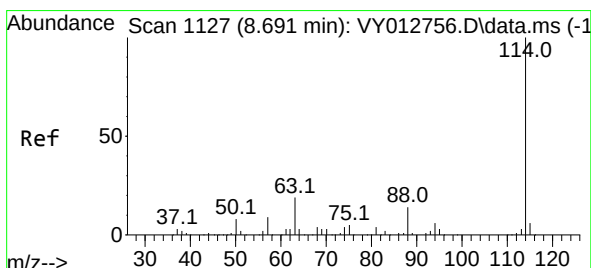
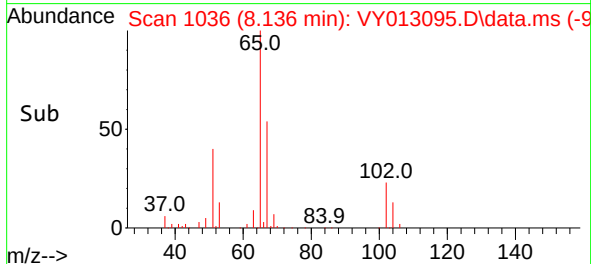
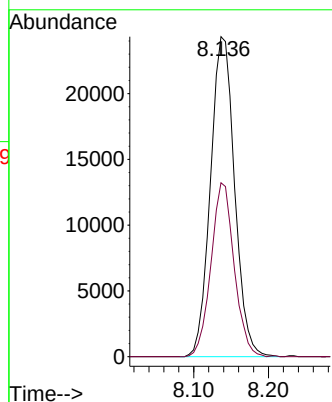
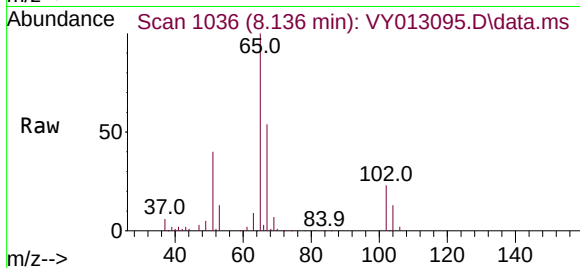
B-37-SB01

Tgt Ion: 65 Resp: 54665

Ion Ratio Lower Upper

65 100

67 52.2 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: VY013095.D

Acq: 27 Mar 2023 16:31

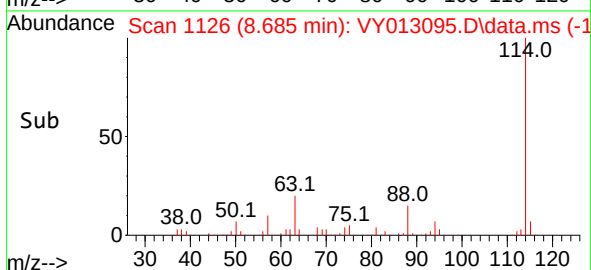
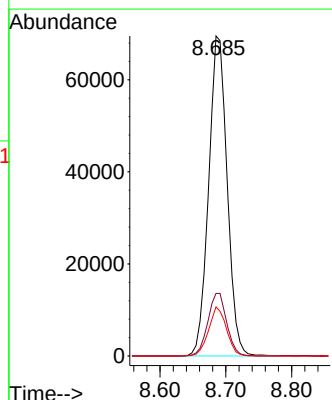
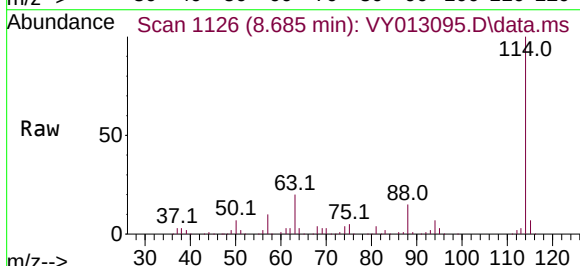
Tgt Ion: 114 Resp: 136190

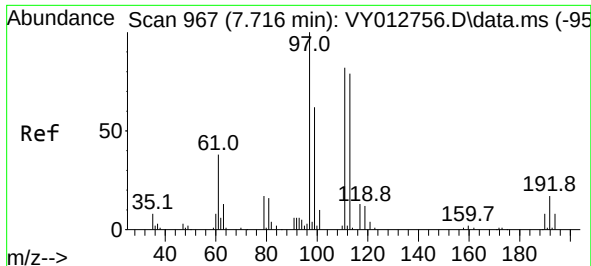
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.4 0.0 28.6

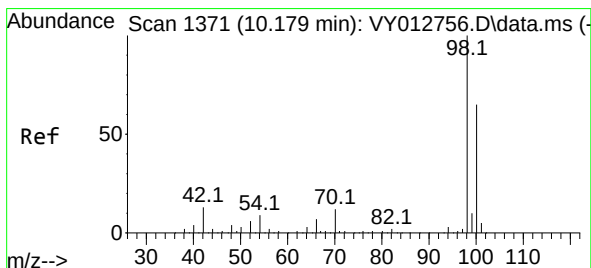
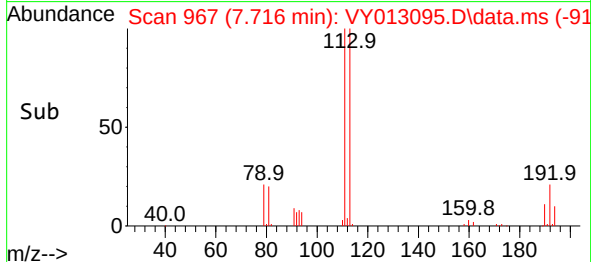
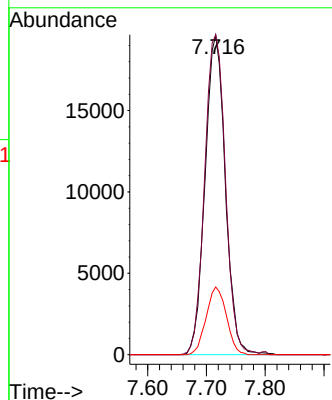
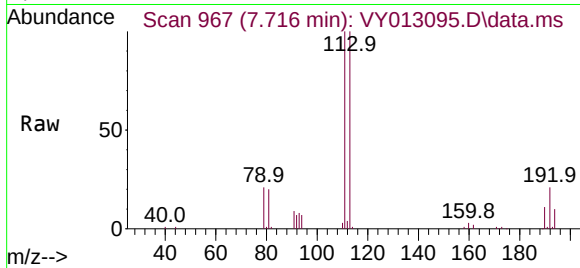




#35
 Dibromofluoromethane
 Concen: 57.246 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY013095.D
 Acq: 27 Mar 2023 16:31

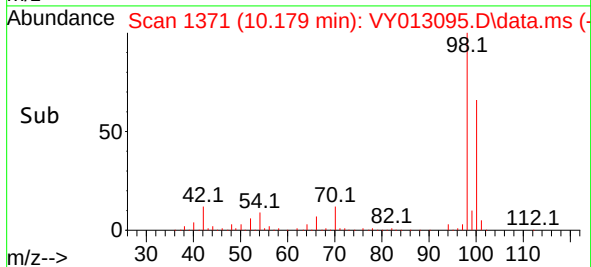
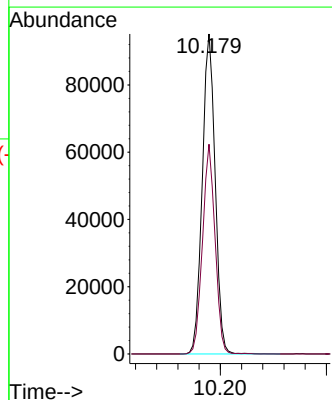
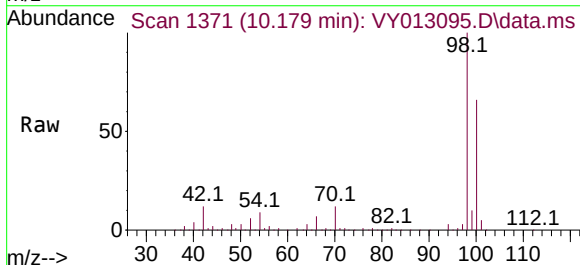
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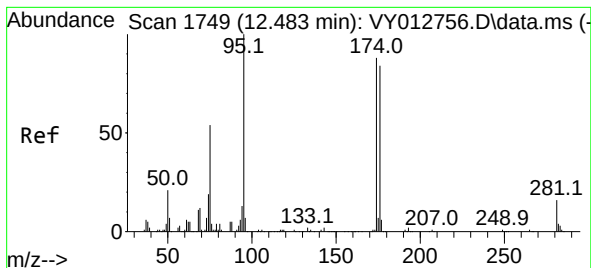
Tgt Ion:113 Resp: 47051
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 21.1 16.8 25.2



#50
 Toluene-d8
 Concen: 53.252 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY013095.D
 Acq: 27 Mar 2023 16:31

Tgt Ion: 98 Resp: 160008
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.9 76.3

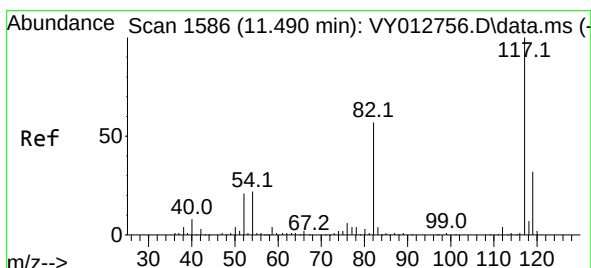
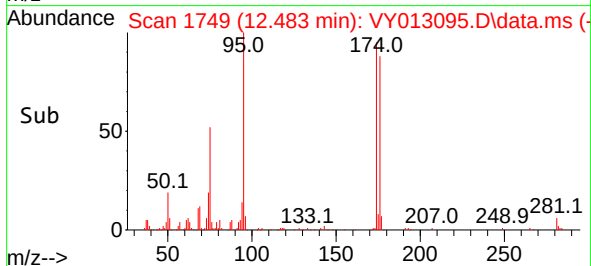
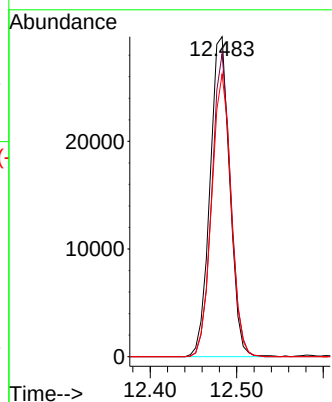
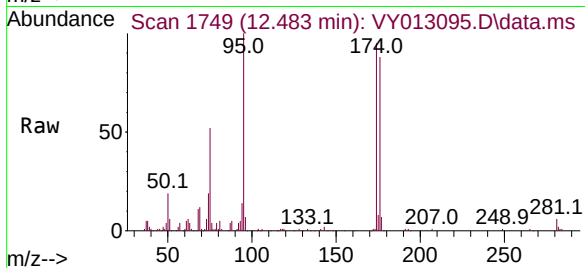




#62
4-Bromofluorobenzene
Concen: 46.354 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013095.D
Acq: 27 Mar 2023 16:31

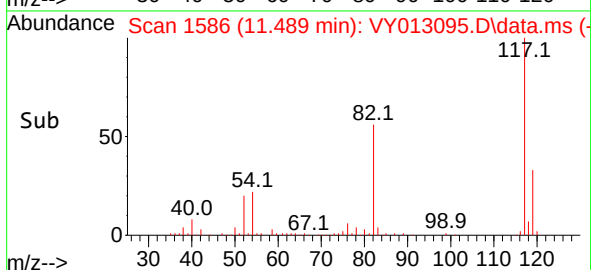
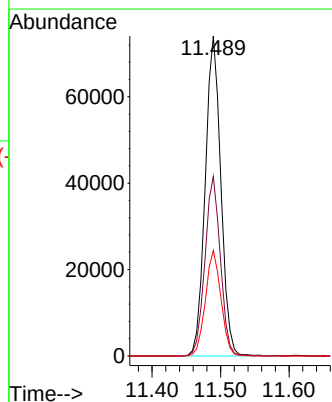
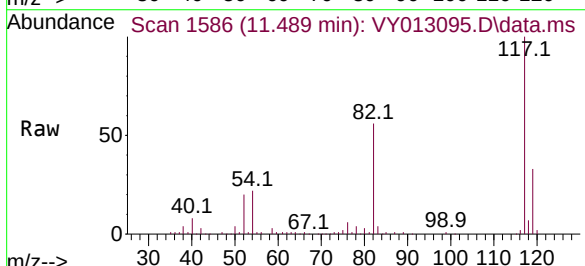
Instrument :
MSVOA_Y
ClientSampleId :
B-37-SB01

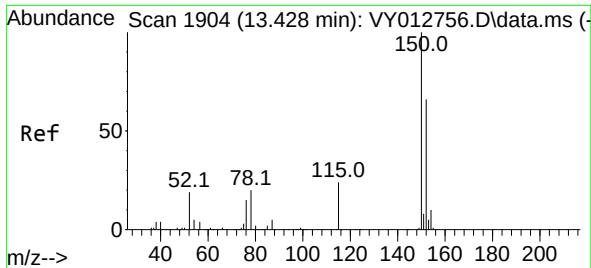
Tgt Ion: 95 Resp: 47011
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.6
176 87.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013095.D
Acq: 27 Mar 2023 16:31

Tgt Ion: 117 Resp: 117605
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 32.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013095.D

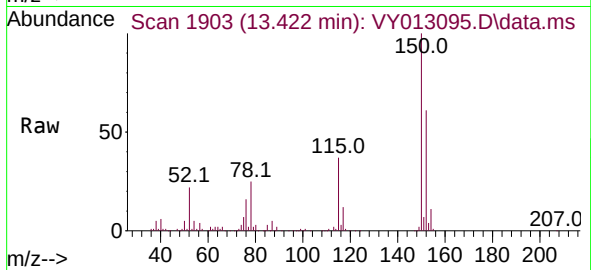
Acq: 27 Mar 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

B-37-SB01



Tgt Ion:152 Resp: 49791

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 161.8 0.0 347.8

