

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013096.D
 Acq On : 27 Mar 2023 16:54
 Operator : KP/MD
 Sample : 02104-02
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-37-SB02

Quant Time: Mar 28 01:45:51 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)

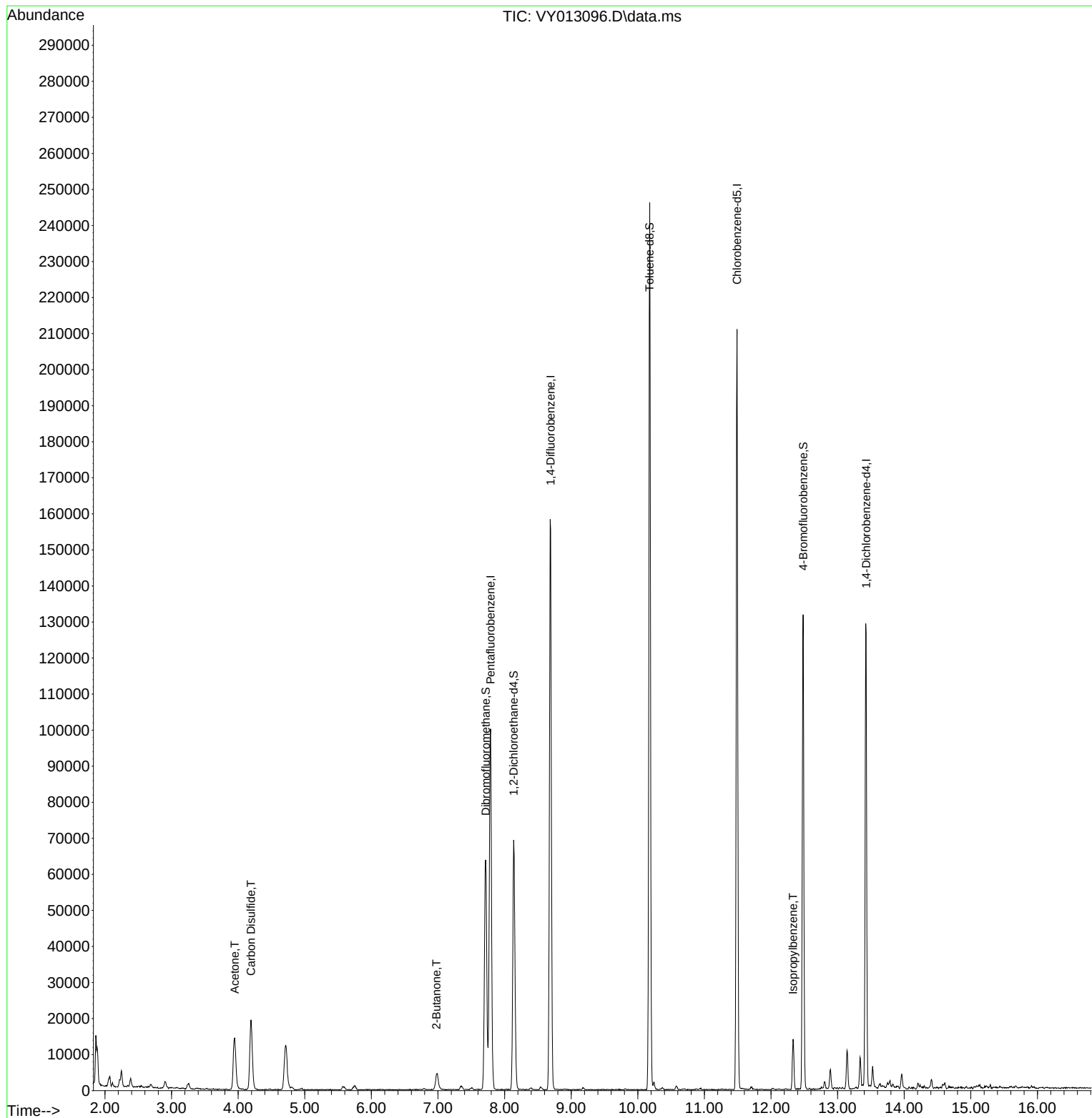
Internal Standards						
1) Pentafluorobenzene	7.789	168	78736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	133744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51251	65.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.120%	
35) Dibromofluoromethane	7.716	113	46265	57.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.640%	
50) Toluene-d8	10.179	98	157998	53.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.080%	
62) 4-Bromofluorobenzene	12.483	95	38257	38.412	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	26344	85.855	ug/l	99
17) Carbon Disulfide	4.192	76	38648	14.004	ug/l	100
25) 2-Butanone	6.978	43	7742	20.371	ug/l	90
73) Isopropylbenzene	12.331	105	3853	1.611	ug/l	91

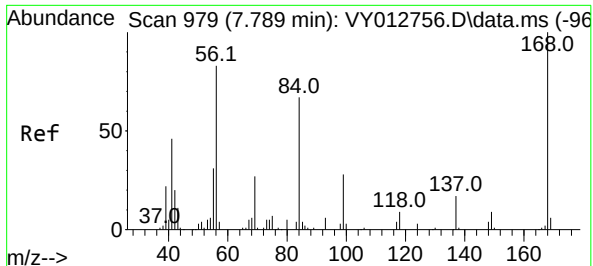
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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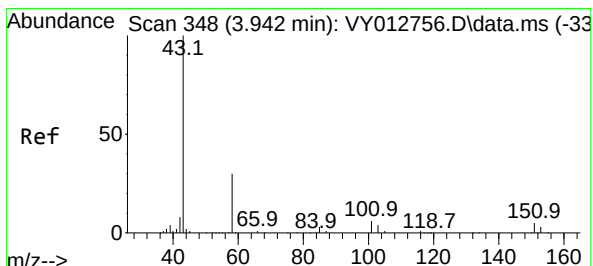
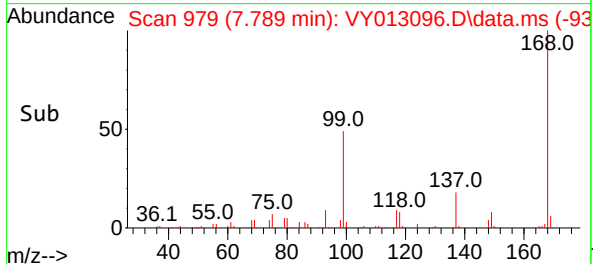
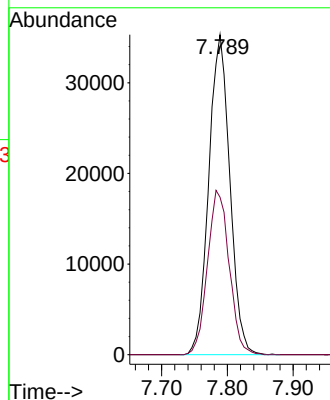
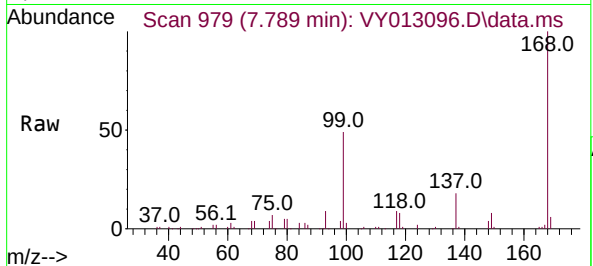




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013096.D
Acq: 27 Mar 2023 16:54

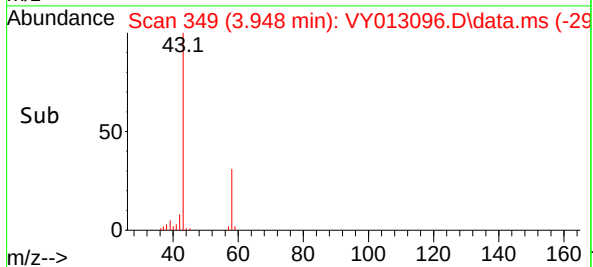
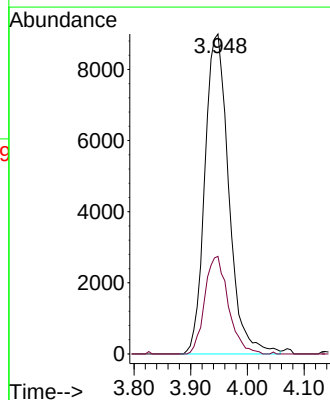
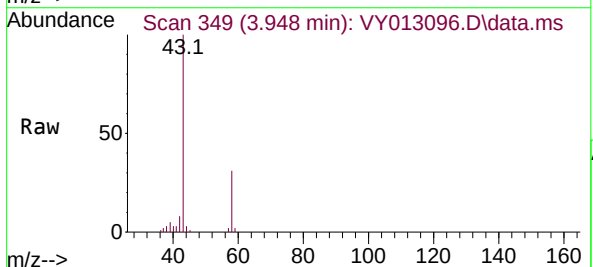
Instrument :
MSVOA_Y
ClientSampleId :
B-37-SB02

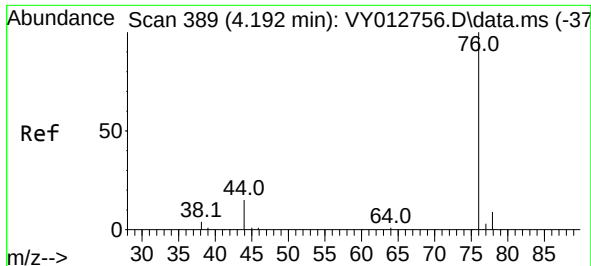
Tgt Ion:168 Resp: 78736
Ion Ratio Lower Upper
168 100
99 49.2 41.7 62.5



#16
Acetone
Concen: 85.855 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013096.D
Acq: 27 Mar 2023 16:54

Tgt Ion: 43 Resp: 26344
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.2





#17

Carbon Disulfide

Concen: 14.004 ug/l

RT: 4.192 min Scan# 389

Delta R.T. -0.000 min

Lab File: VY013096.D

Acq: 27 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

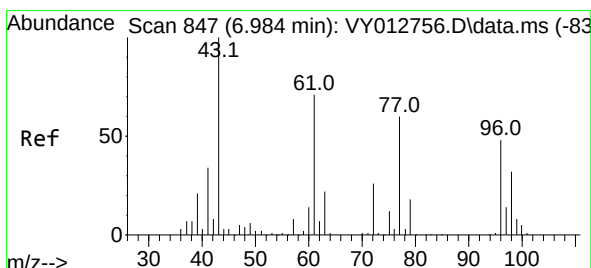
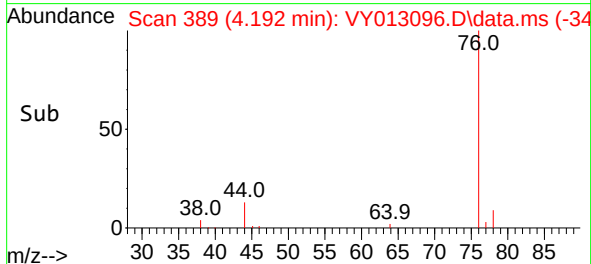
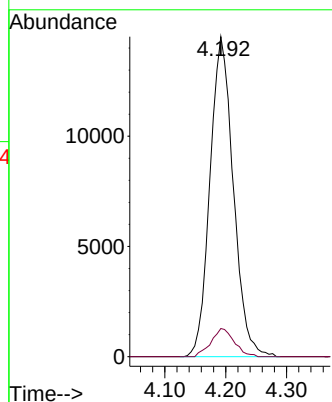
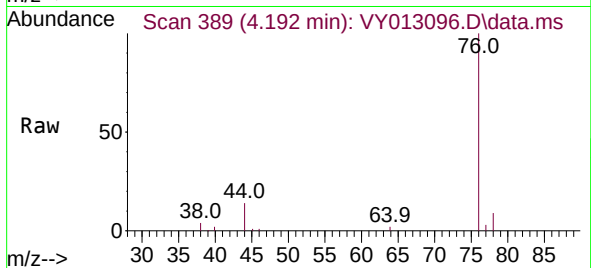
B-37-SB02

Tgt Ion: 76 Resp: 38648

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



#25

2-Butanone

Concen: 20.371 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013096.D

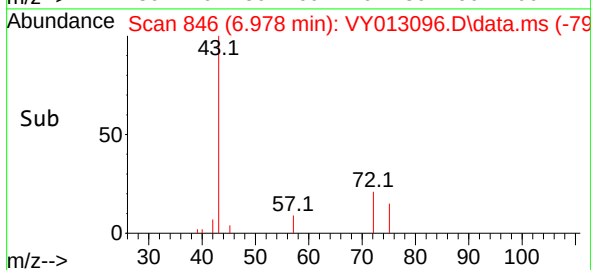
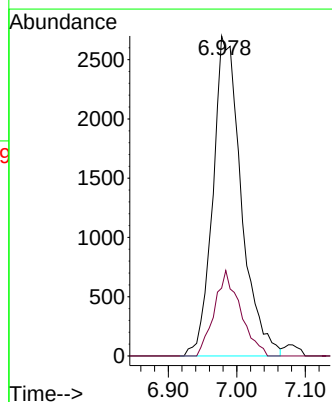
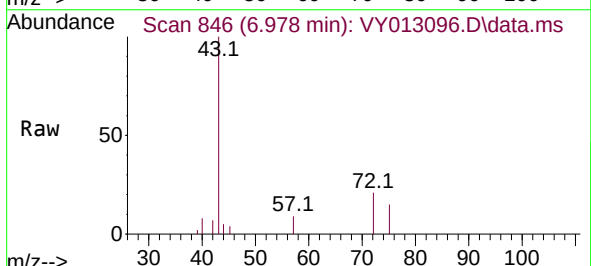
Acq: 27 Mar 2023 16:54

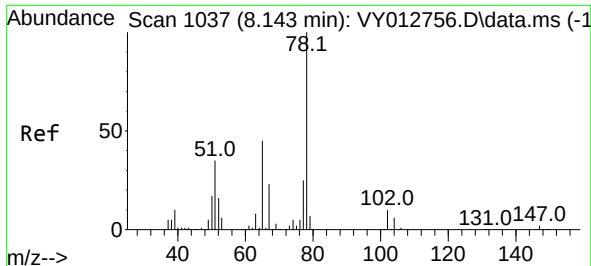
Tgt Ion: 43 Resp: 7742

Ion Ratio Lower Upper

43 100

72 21.2 21.0 31.4





#33

1,2-Dichloroethane-d4

Concen: 65.560 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013096.D

Acq: 27 Mar 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

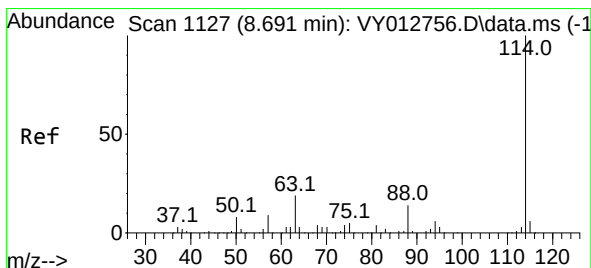
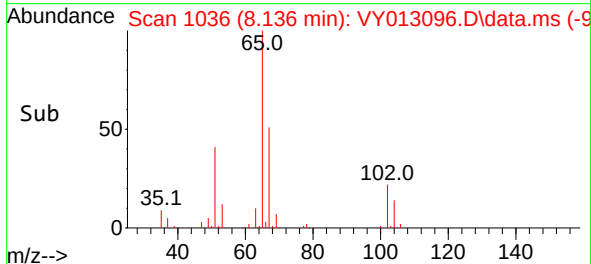
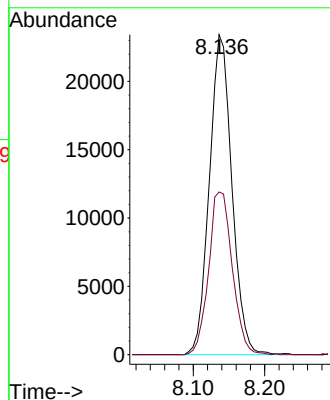
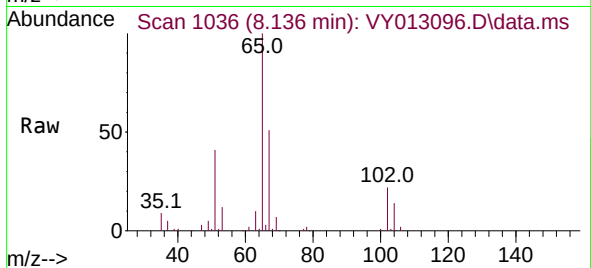
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Tgt Ion: 65 Resp: 51251

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013096.D

Acq: 27 Mar 2023 16:54

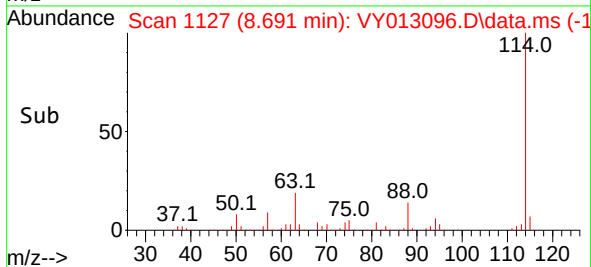
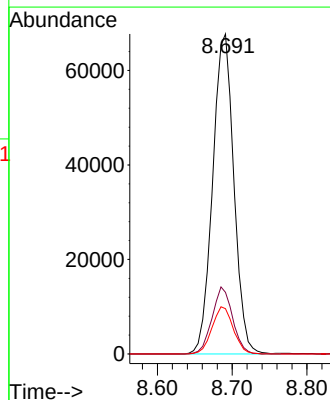
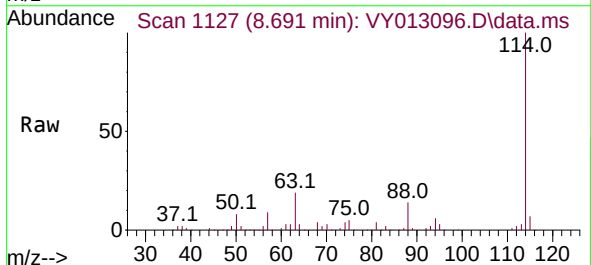
Tgt Ion: 114 Resp: 133744

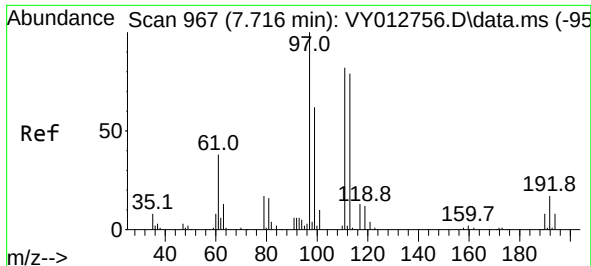
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.2 0.0 28.6

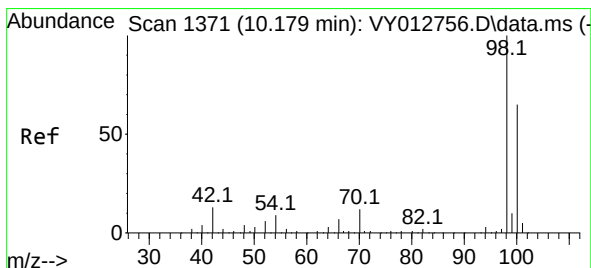
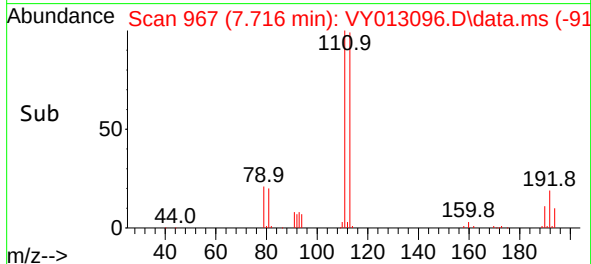
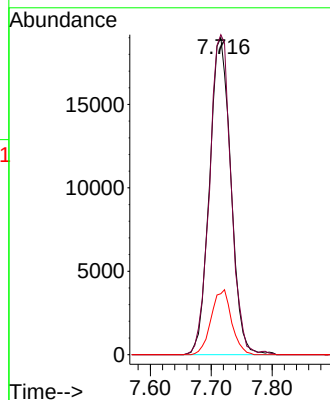
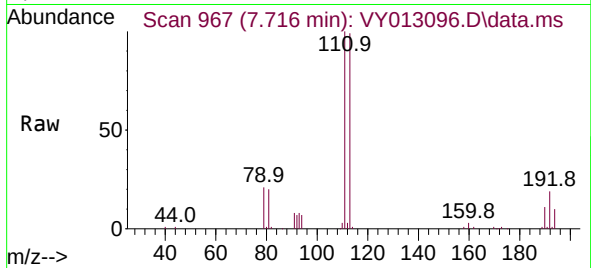




#35
Dibromofluoromethane
Concen: 57.319 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013096.D
Acq: 27 Mar 2023 16:54

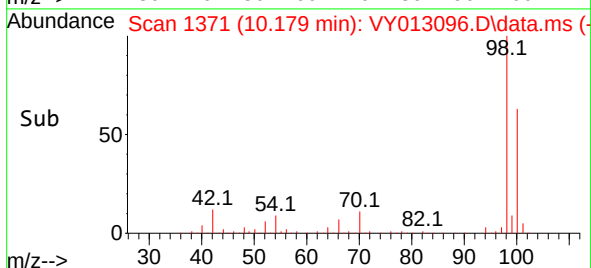
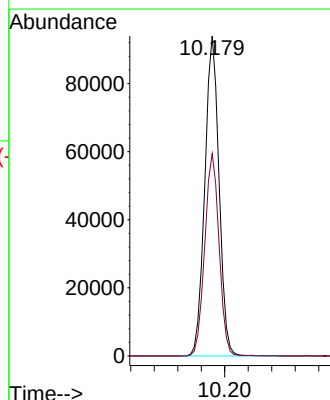
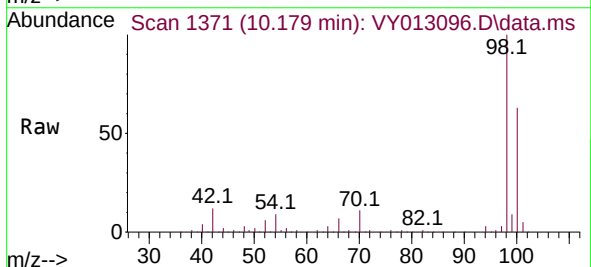
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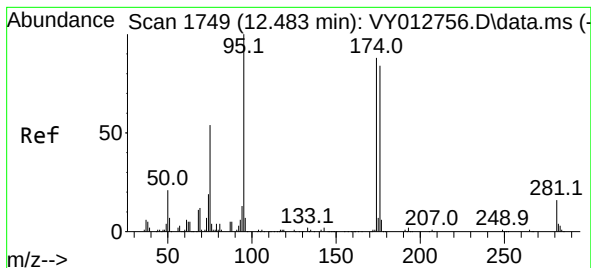
Tgt Ion:113 Resp: 46265
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 19.6 16.8 25.2



#50
Toluene-d8
Concen: 53.545 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013096.D
Acq: 27 Mar 2023 16:54

Tgt Ion: 98 Resp: 157998
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

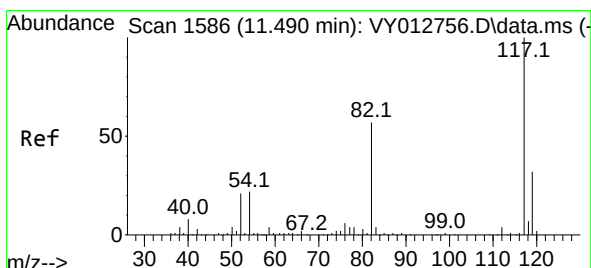
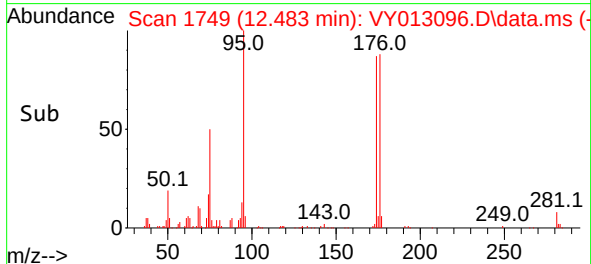
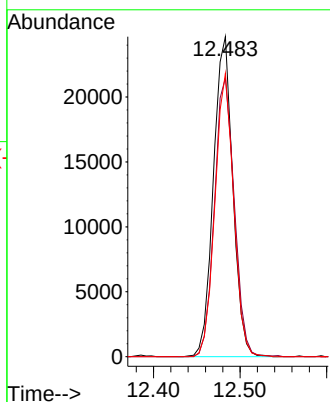
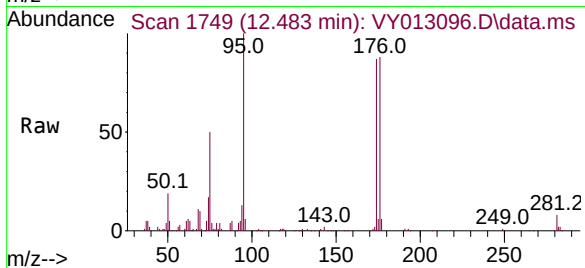




#62
4-Bromofluorobenzene
Concen: 38.412 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013096.D
Acq: 27 Mar 2023 16:54

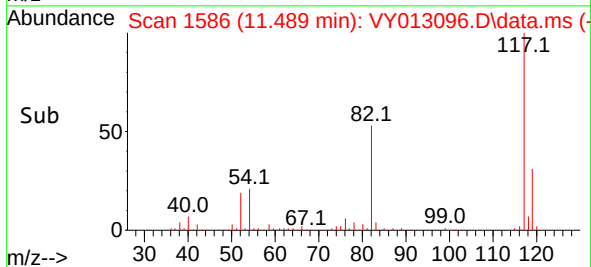
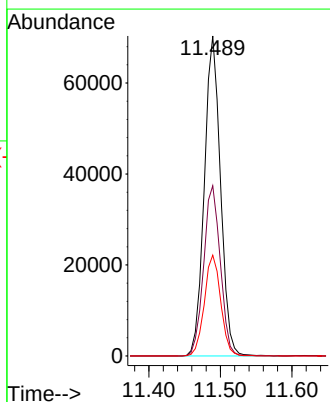
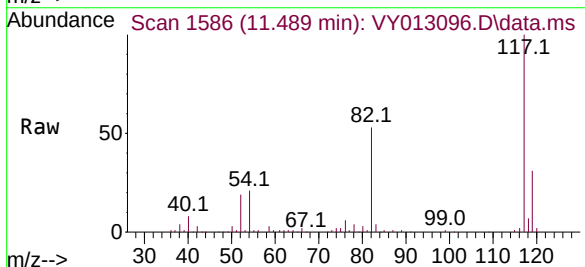
Instrument :
MSVOA_Y
ClientSampleId :
B-37-SB02

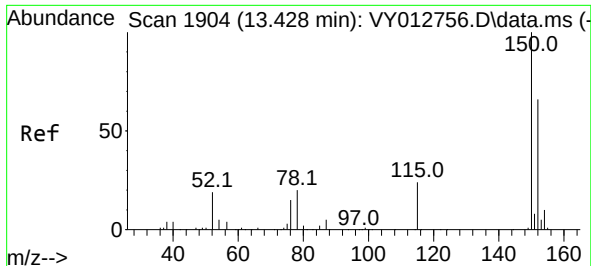
Tgt Ion: 95 Resp: 38257
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.6
176 85.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013096.D
Acq: 27 Mar 2023 16:54

Tgt Ion: 117 Resp: 110533
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 31.5 25.6 38.4

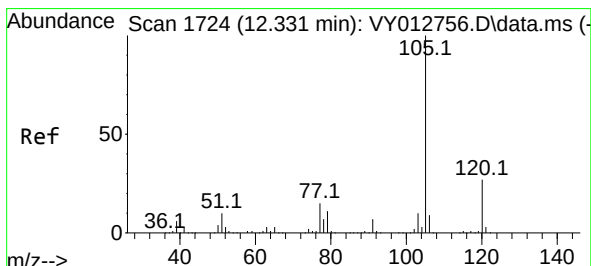
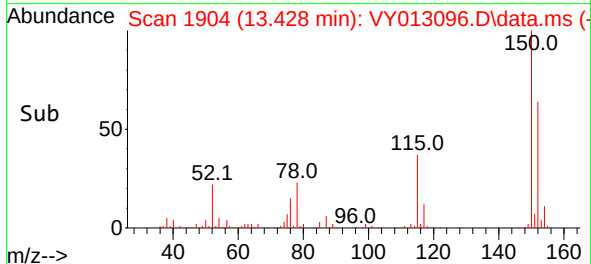
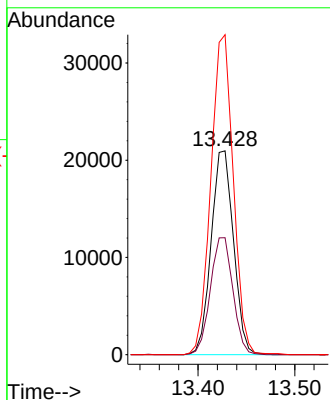
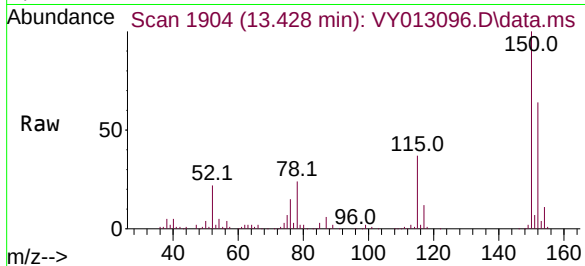




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013096.D
Acq: 27 Mar 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
B-37-SB02

Tgt Ion:152 Resp: 33737
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 157.0 0.0 347.8



#73
Isopropylbenzene
Concen: 1.611 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013096.D
Acq: 27 Mar 2023 16:54

Tgt Ion:105 Resp: 3853
Ion Ratio Lower Upper
105 100
120 22.1 13.4 40.2

