

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012723.D
 Acq On : 24 Feb 2023 15:31
 Operator : KP/MD
 Sample : 01611-01
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-13-SB02

Quant Time: Feb 25 00:50:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

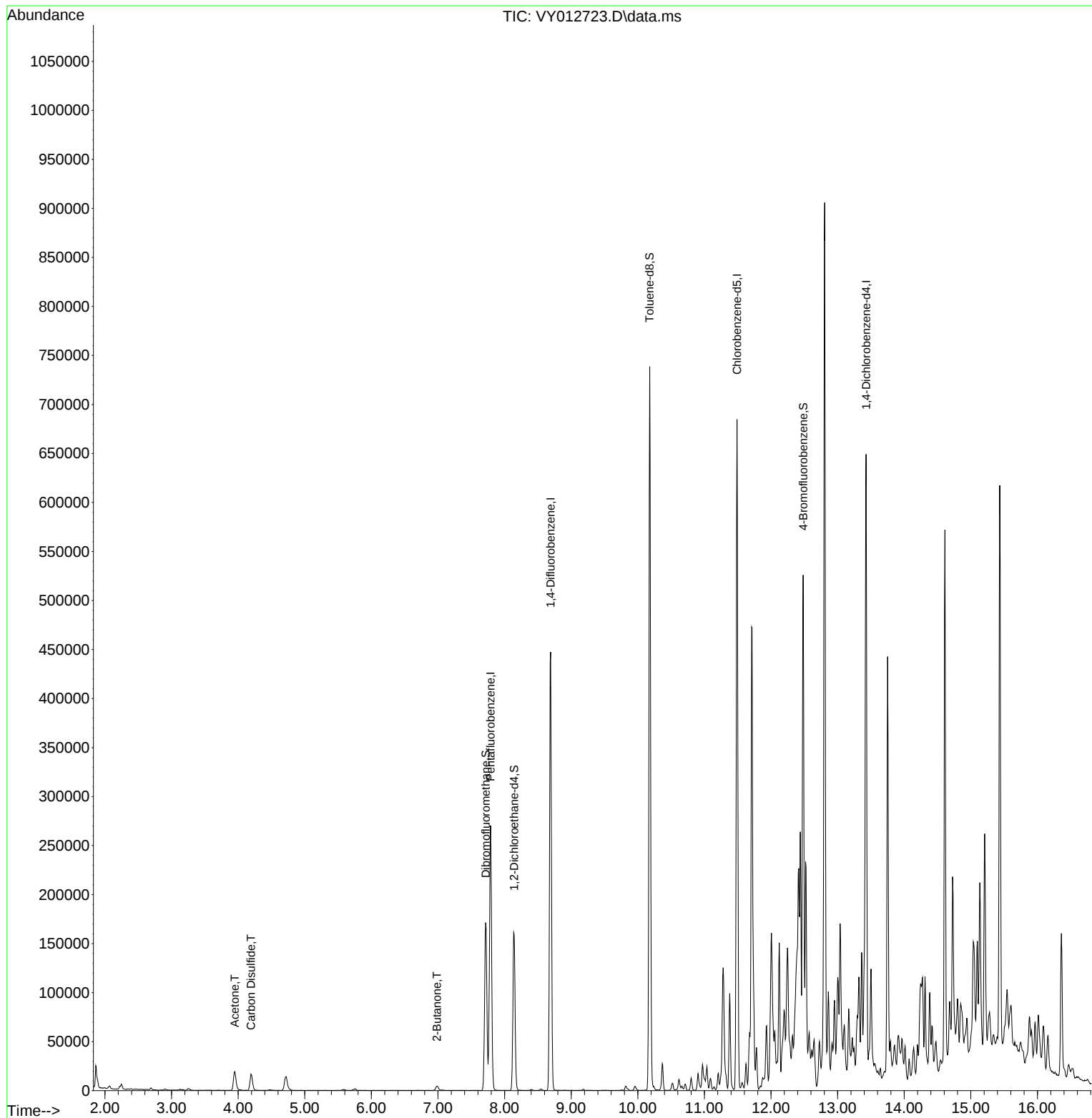
Internal Standards						
1) Pentafluorobenzene	7.789	168	208727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	378028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123062	49.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.840%
35) Dibromofluoromethane	7.716	113	119875	46.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.900%
50) Toluene-d8	10.179	98	449770	47.018	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.483	95	142411	46.522	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.040%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	34556	42.959	ug/l	98
17) Carbon Disulfide	4.192	76	32478	4.377	ug/l	100
25) 2-Butanone	6.984	43	7332	6.868	ug/l	99

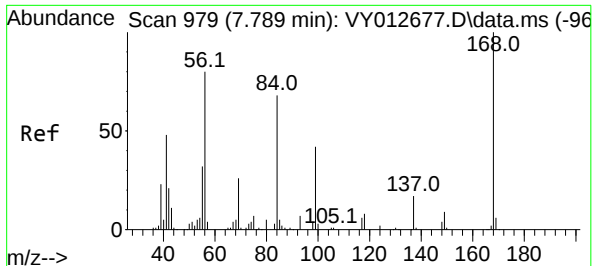
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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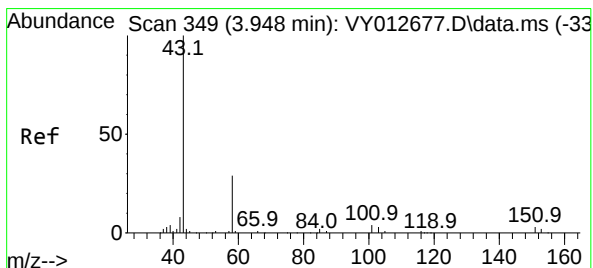
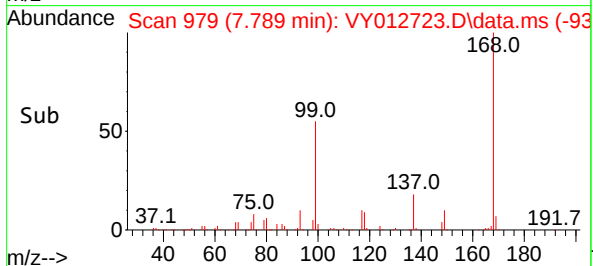
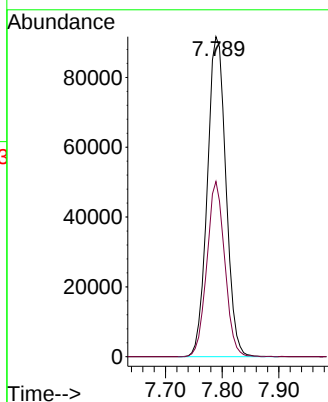
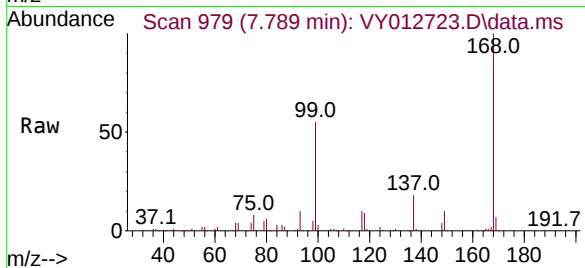




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012723.D
Acq: 24 Feb 2023 15:31

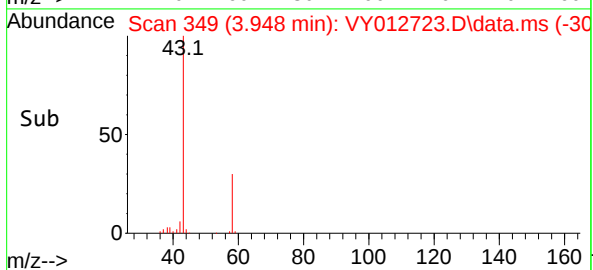
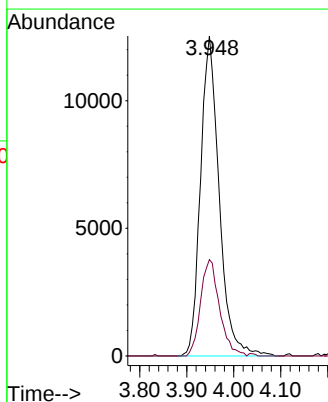
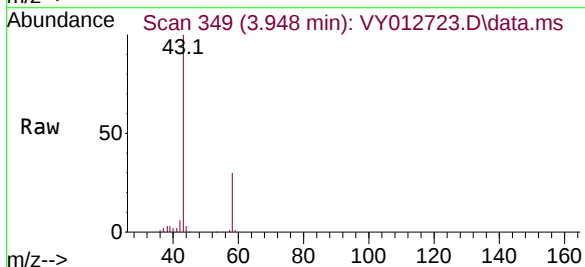
Instrument :
MSVOA_Y
ClientSampleId :
B-13-SB02

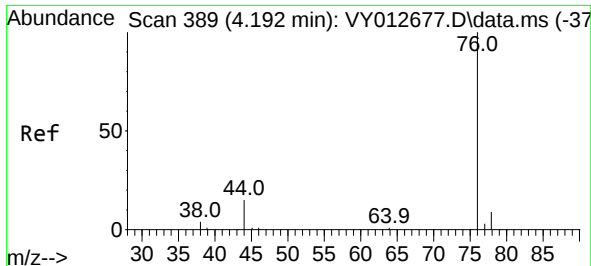
Tgt Ion:168 Resp: 208727
Ion Ratio Lower Upper
168 100
99 54.7 45.4 68.2



#16
Acetone
Concen: 42.959 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012723.D
Acq: 24 Feb 2023 15:31

Tgt Ion: 43 Resp: 34556
Ion Ratio Lower Upper
43 100
58 30.1 23.3 34.9

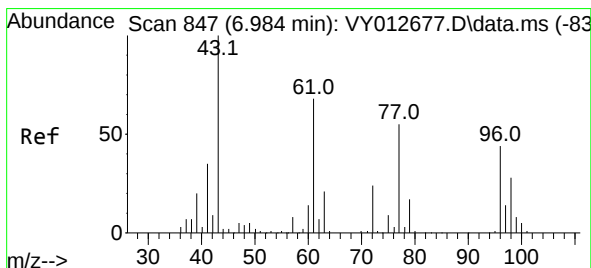
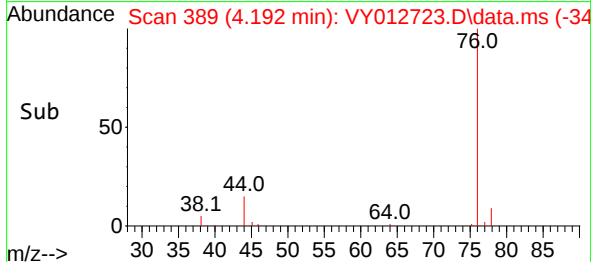
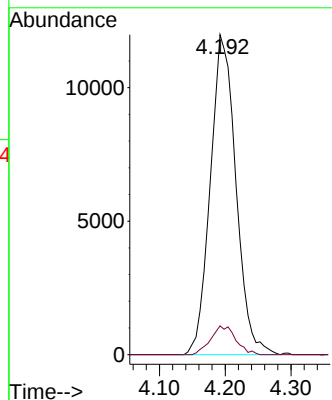
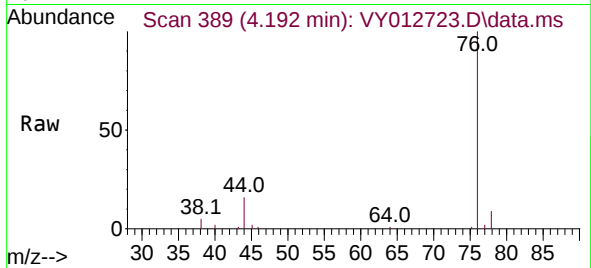




#17
Carbon Disulfide
Concen: 4.377 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012723.D
Acq: 24 Feb 2023 15:31

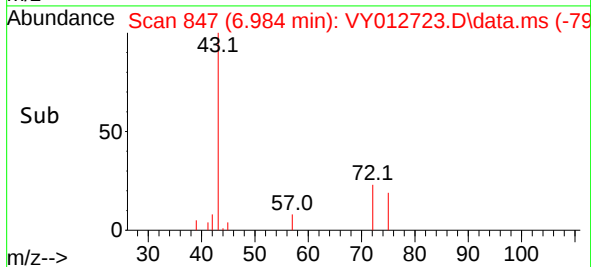
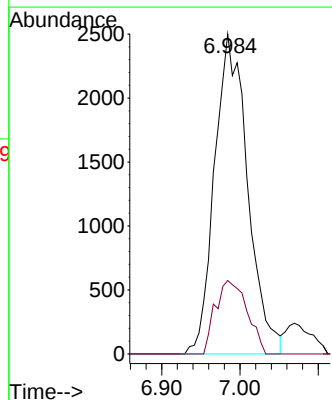
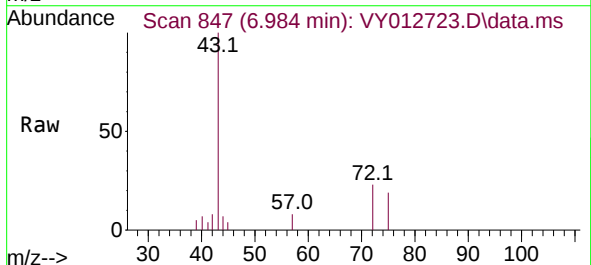
Instrument :
MSVOA_Y
ClientSampleId :
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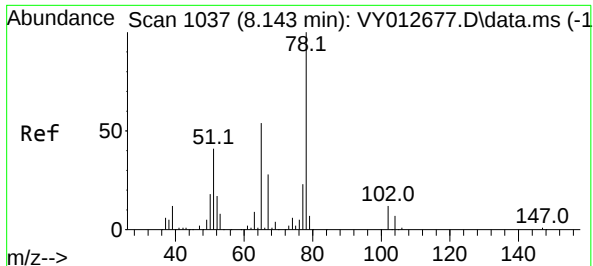
Tgt Ion: 76 Resp: 32478
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#25
2-Butanone
Concen: 6.868 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012723.D
Acq: 24 Feb 2023 15:31

Tgt Ion: 43 Resp: 7332
Ion Ratio Lower Upper
43 100
72 23.0 18.8 28.2





#33

1,2-Dichloroethane-d4

Concen: 49.920 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY012723.D

Acq: 24 Feb 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

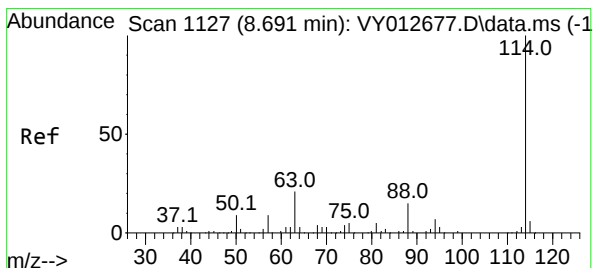
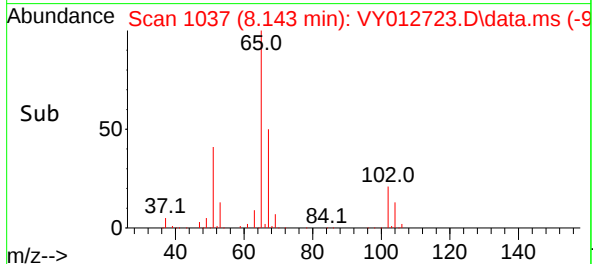
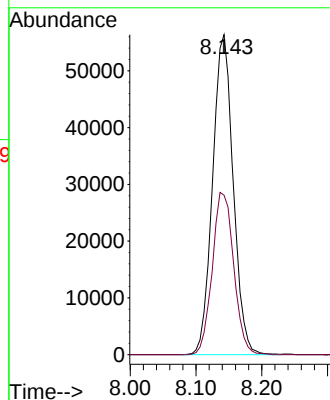
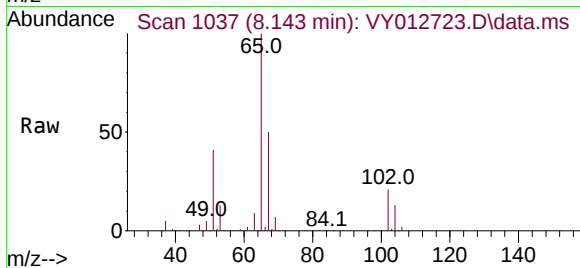
B-13-SB02

Tgt Ion: 65 Resp: 123062

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012723.D

Acq: 24 Feb 2023 15:31

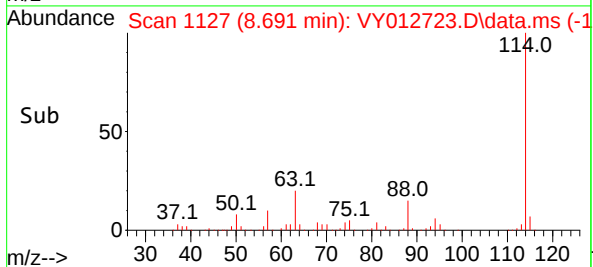
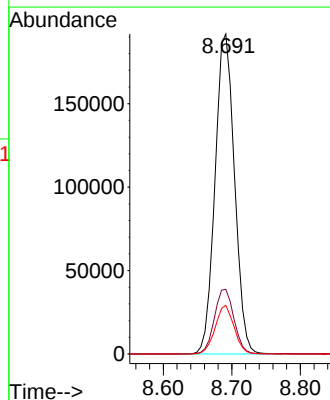
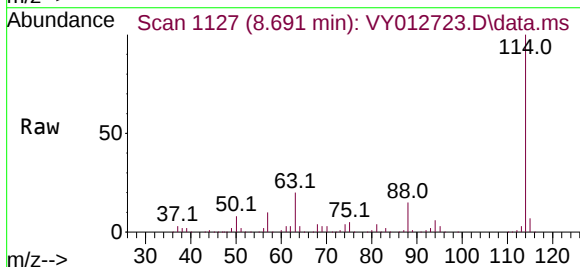
Tgt Ion: 114 Resp: 378028

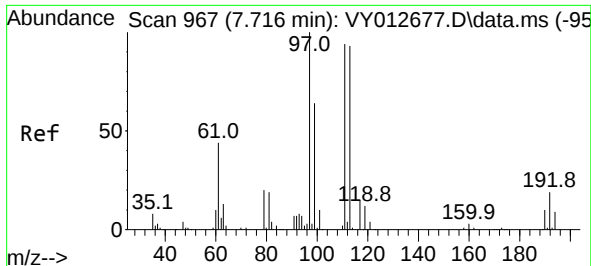
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

88 15.2 0.0 29.6

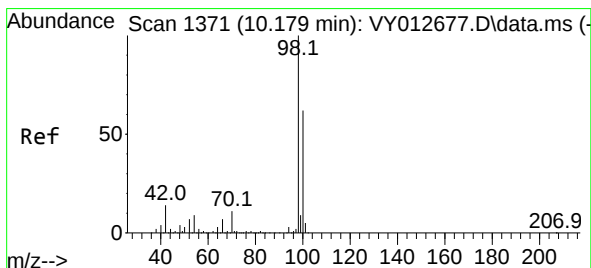
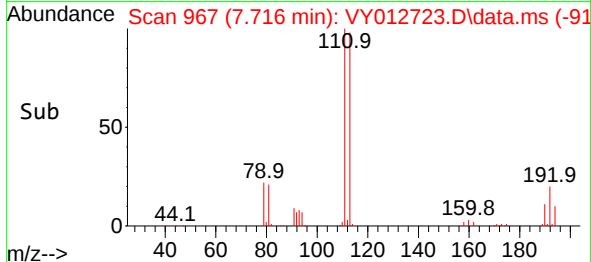
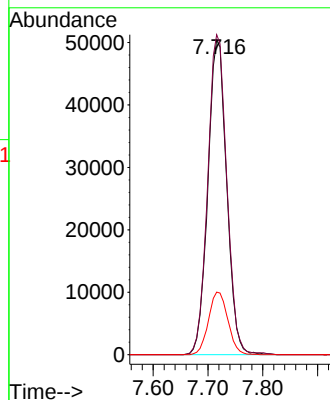
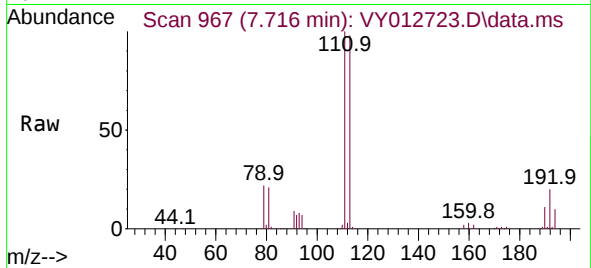




#35
Dibromofluoromethane
Concen: 46.949 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012723.D
Acq: 24 Feb 2023 15:31

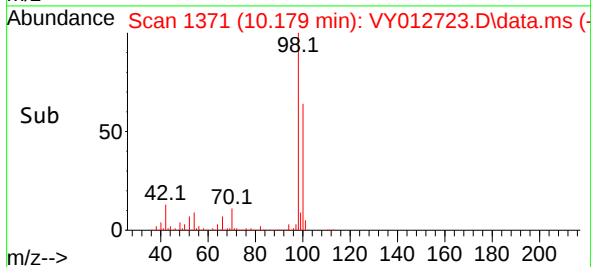
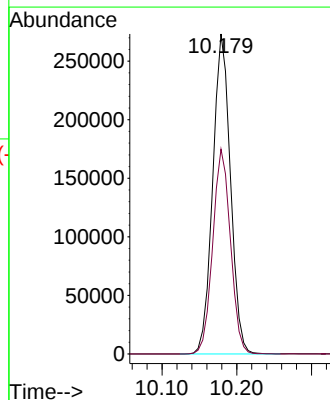
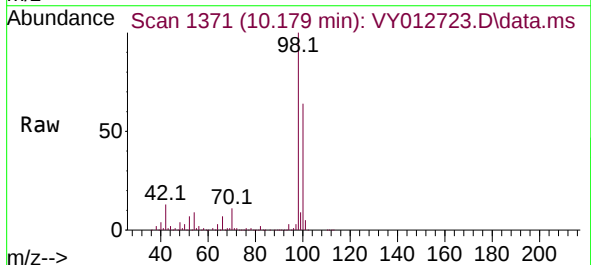
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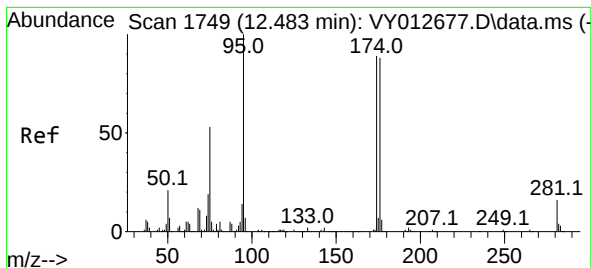
Tgt Ion:113 Resp: 119875
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 20.5 16.2 24.2



#50
Toluene-d8
Concen: 47.018 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012723.D
Acq: 24 Feb 2023 15:31

Tgt Ion: 98 Resp: 449770
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8

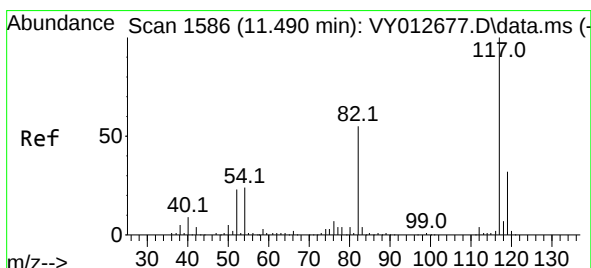
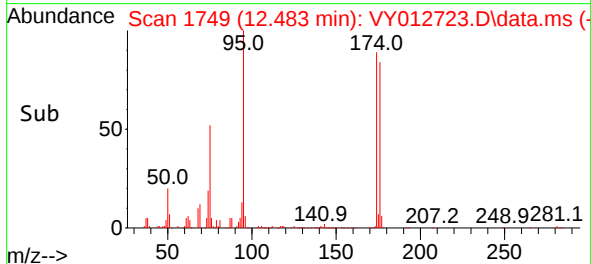
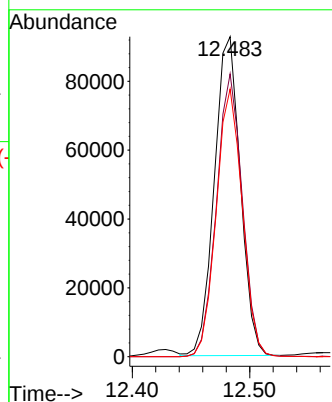
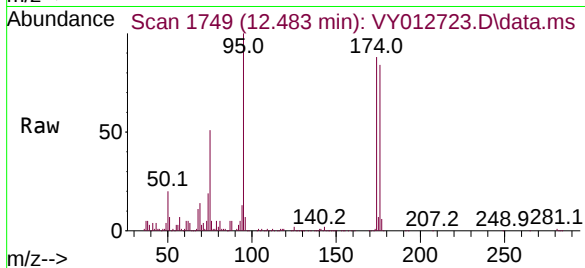




#62
4-Bromofluorobenzene
Concen: 46.522 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012723.D
Acq: 24 Feb 2023 15:31

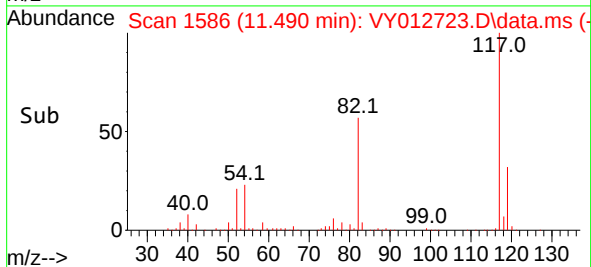
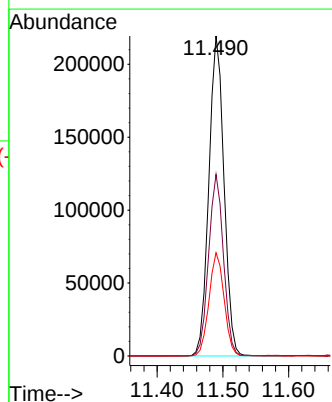
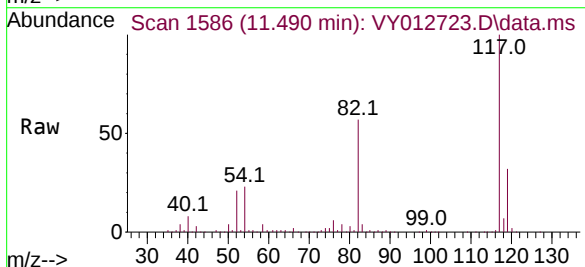
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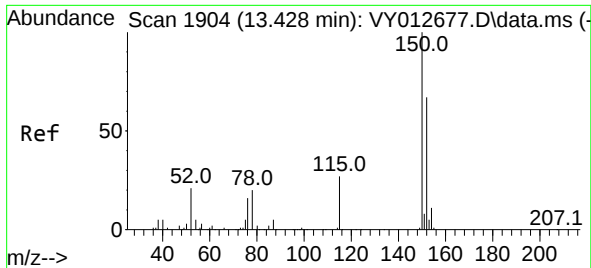
Tgt Ion: 95 Resp: 142411
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.8
176 84.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012723.D
Acq: 24 Feb 2023 15:31

Tgt Ion: 117 Resp: 351357
Ion Ratio Lower Upper
117 100
82 56.7 44.1 66.1
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012723.D

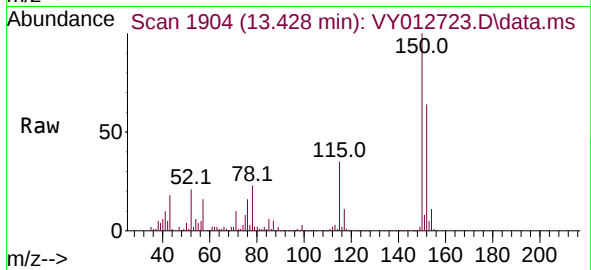
Acq: 24 Feb 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

B-13-SB02



Tgt Ion:152 Resp: 136509

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.3

150 156.7 0.0 347.6

