

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013007.D
 Acq On : 20 Mar 2023 14:53
 Operator : KP/MD
 Sample : 02012-02
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-23-SB02

Quant Time: Mar 21 01:13:15 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)

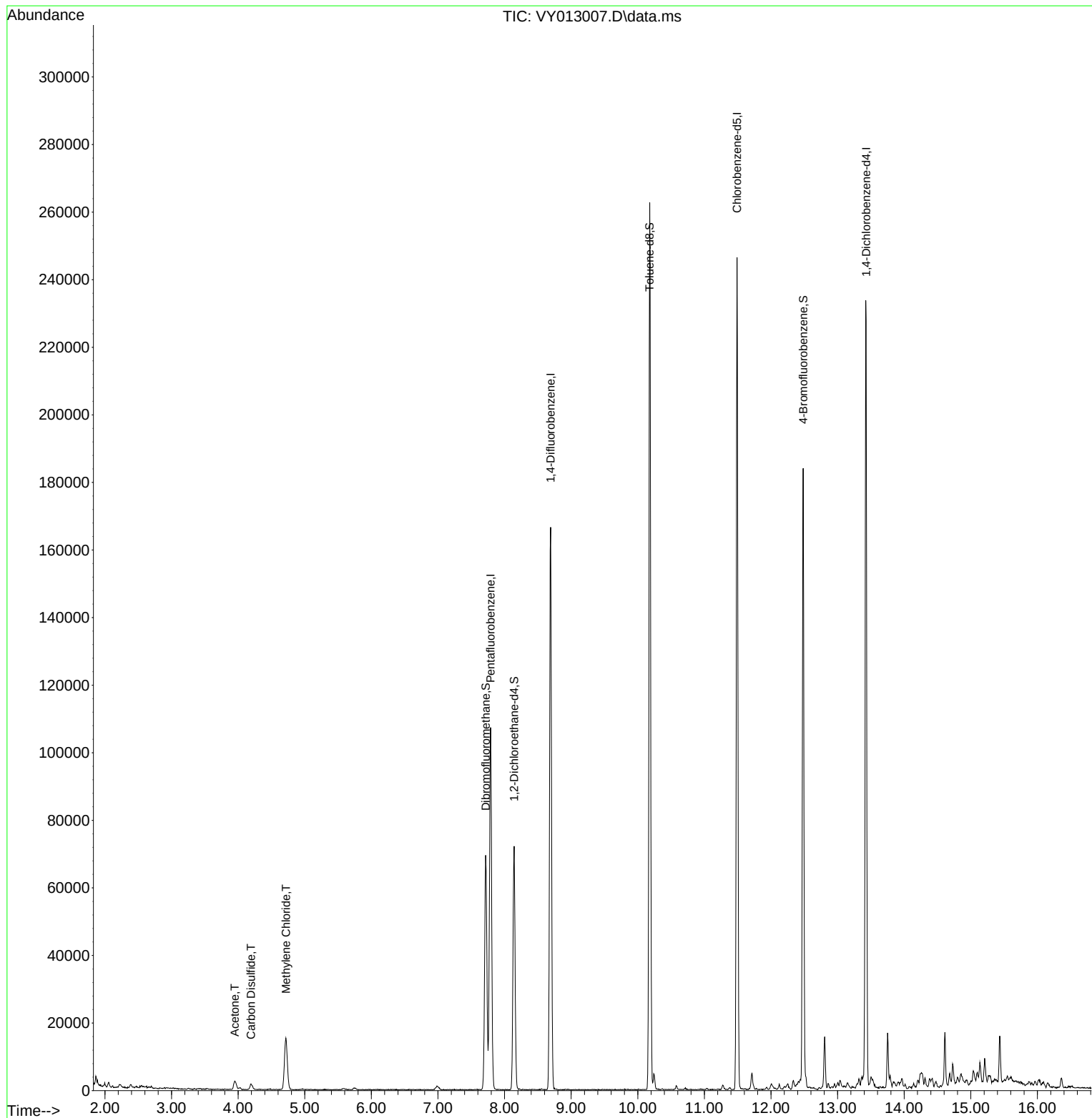
Internal Standards						
1) Pentafluorobenzene	7.789	168	82887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54705	66.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.940%
35) Dibromofluoromethane	7.716	113	48839	57.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.080%
50) Toluene-d8	10.179	98	168941	53.967	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.940%
62) 4-Bromofluorobenzene	12.483	95	52528	49.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.420%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	4922	15.238	ug/l	97
17) Carbon Disulfide	4.192	76	3355	1.155	ug/l	98
20) Methylene Chloride	4.716	84	10664	6.101	ug/l	96

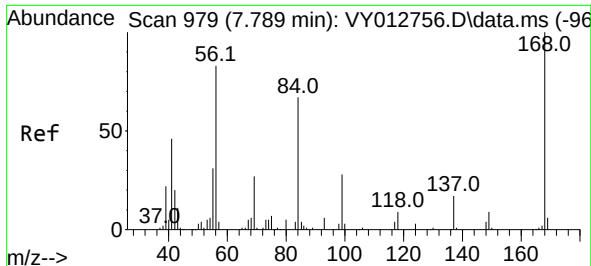
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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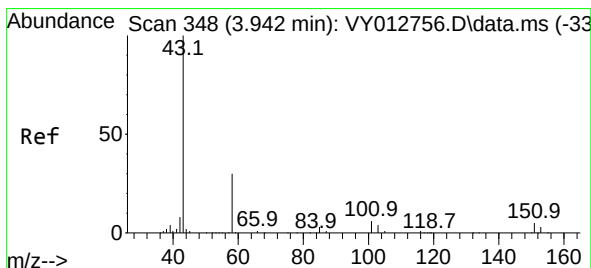
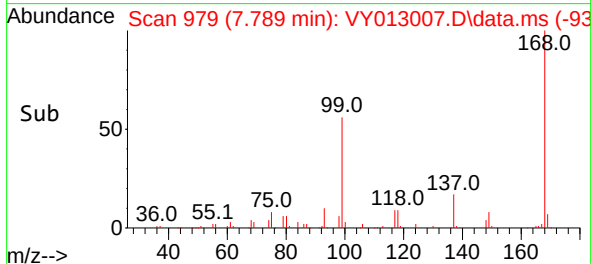
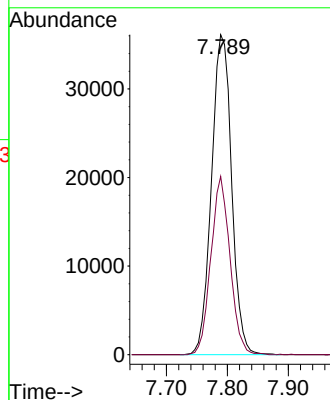
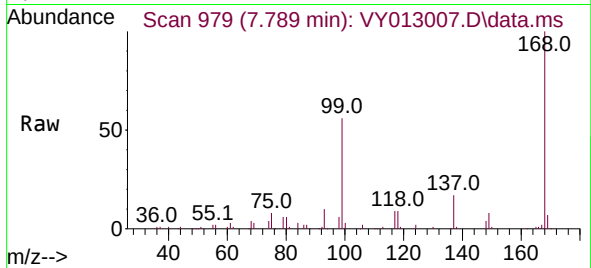




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013007.D
Acq: 20 Mar 2023 14:53

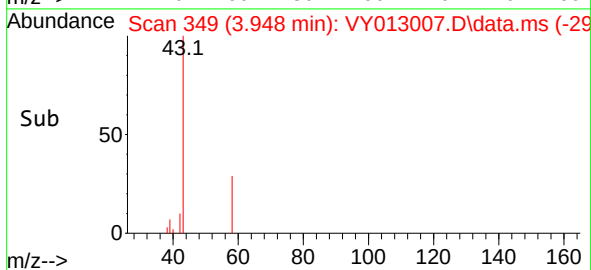
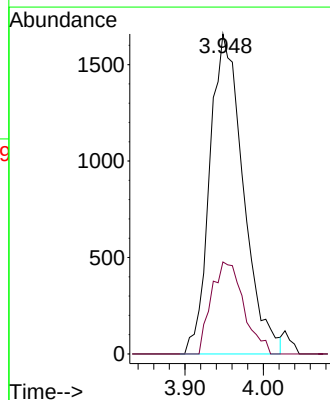
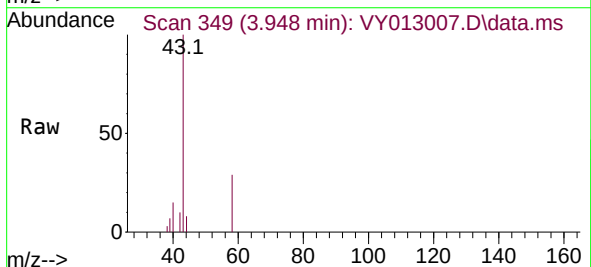
Instrument :
MSVOA_Y
ClientSampleId :
B-23-SB02

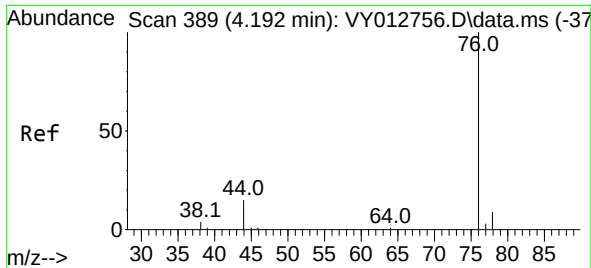
Tgt Ion:168 Resp: 82887
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#16
Acetone
Concen: 15.238 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013007.D
Acq: 20 Mar 2023 14:53

Tgt Ion: 43 Resp: 4922
Ion Ratio Lower Upper
43 100
58 28.8 24.2 36.2

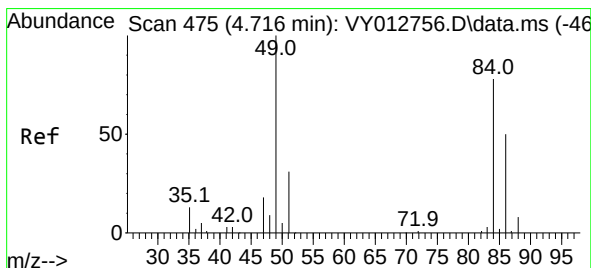
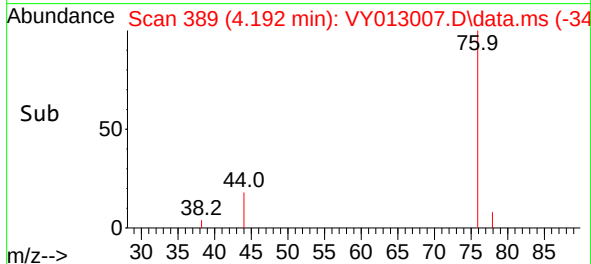
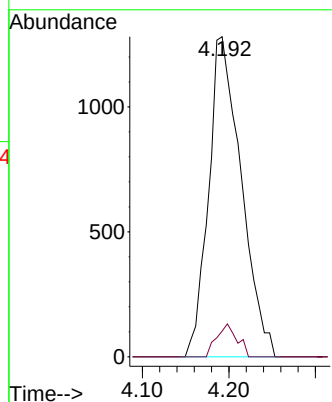
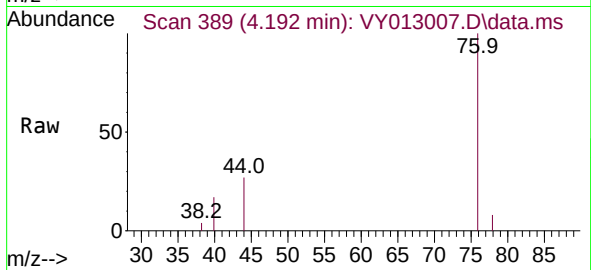




#17
Carbon Disulfide
Concen: 1.155 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013007.D
Acq: 20 Mar 2023 14:53

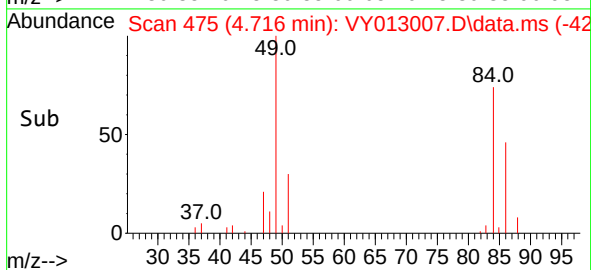
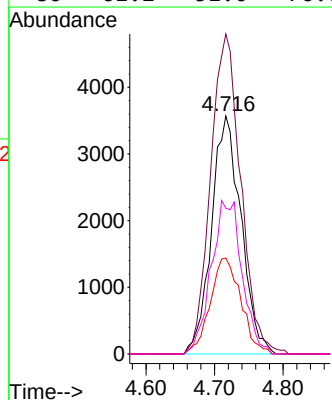
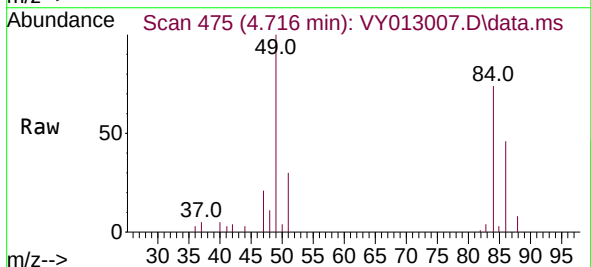
Instrument :
MSVOA_Y
ClientSampleId :
B-23-SB02

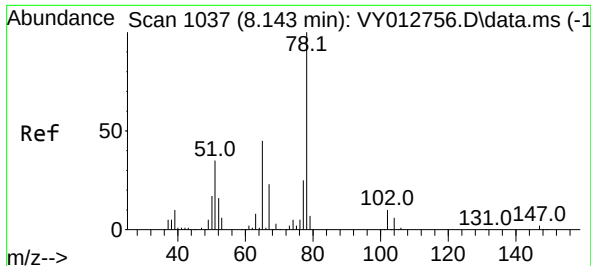
Tgt Ion: 76 Resp: 3355
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7



#20
Methylene Chloride
Concen: 6.101 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013007.D
Acq: 20 Mar 2023 14:53

Tgt Ion: 84 Resp: 10664
Ion Ratio Lower Upper
84 100
49 134.5 102.6 154.0
51 40.3 31.9 47.9
86 61.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.473 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY013007.D

Acq: 20 Mar 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

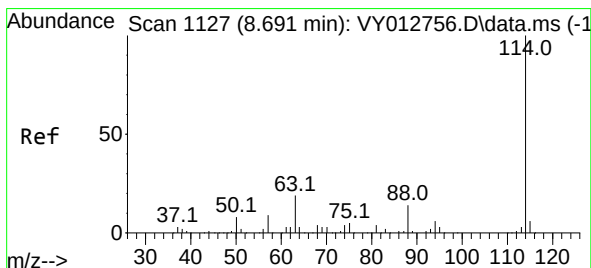
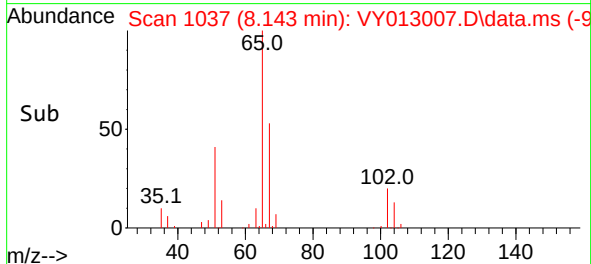
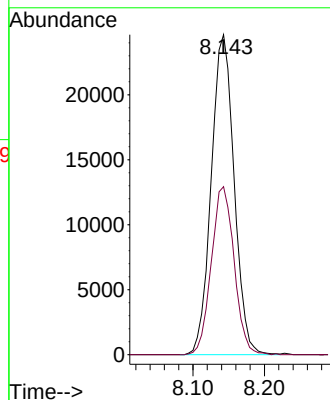
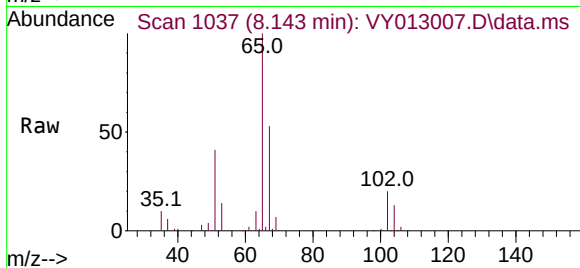
B-23-SB02

Tgt Ion: 65 Resp: 54705

Ion Ratio Lower Upper

65 100

67 52.4 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: VY013007.D

Acq: 20 Mar 2023 14:53

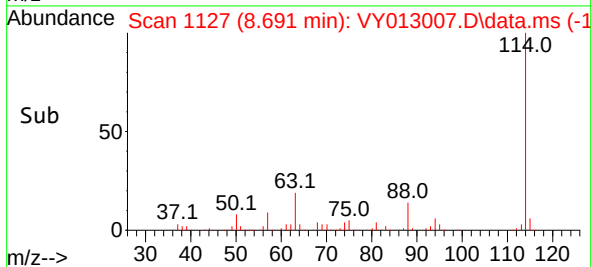
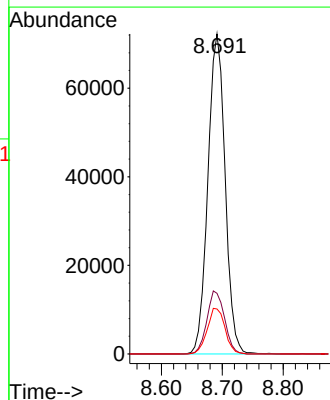
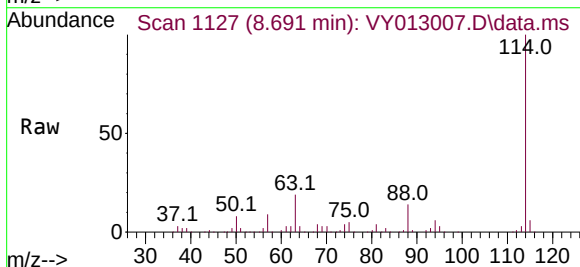
Tgt Ion: 114 Resp: 141889

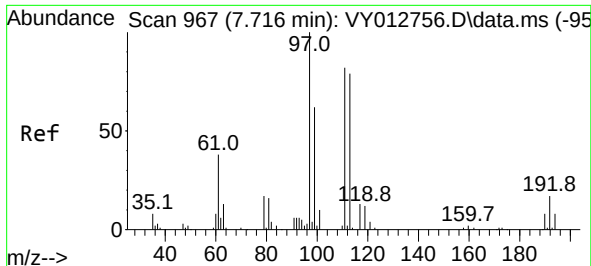
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.1 0.0 28.6

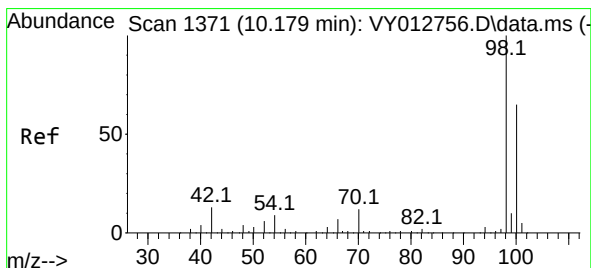
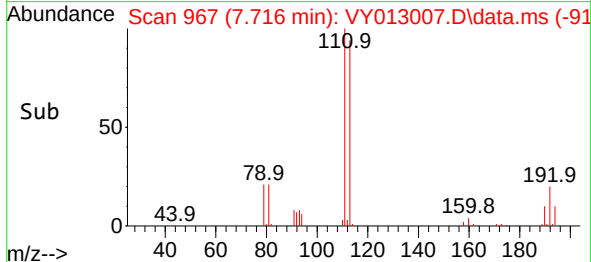
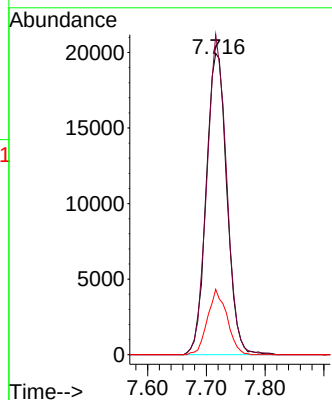
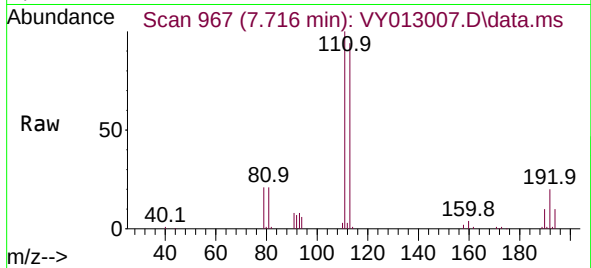




#35
Dibromofluoromethane
Concen: 57.035 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013007.D
Acq: 20 Mar 2023 14:53

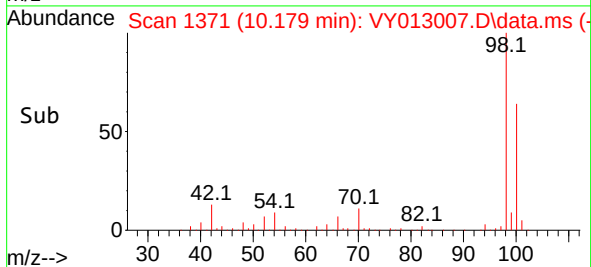
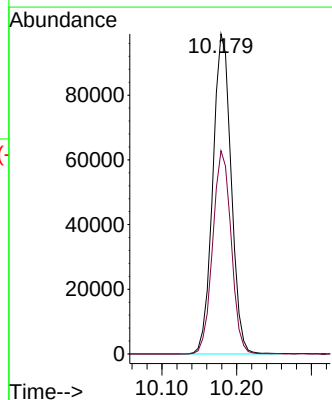
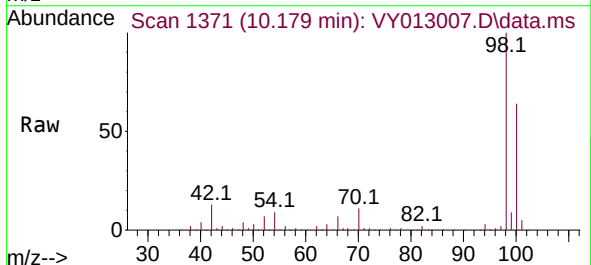
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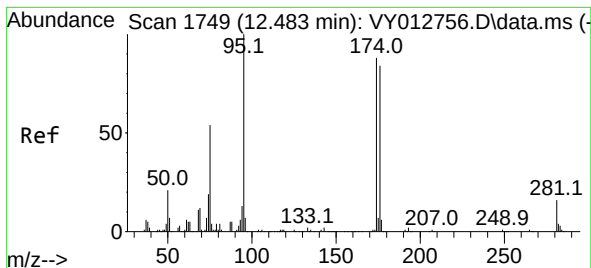
Tgt Ion:113 Resp: 48839
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 20.3 16.8 25.2



#50
Toluene-d8
Concen: 53.967 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013007.D
Acq: 20 Mar 2023 14:53

Tgt Ion: 98 Resp: 168941
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

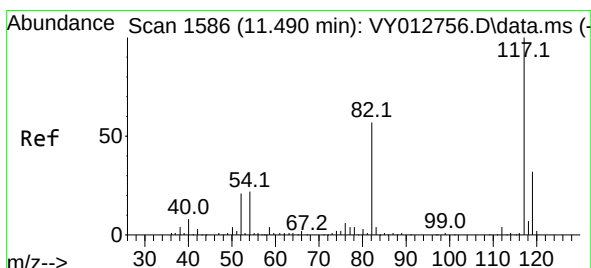
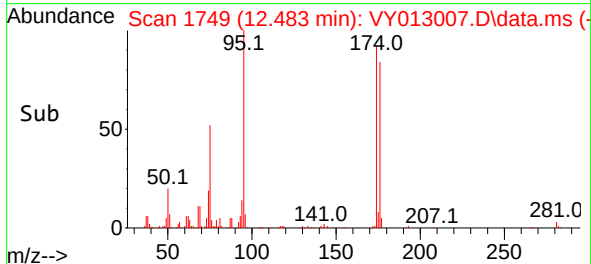
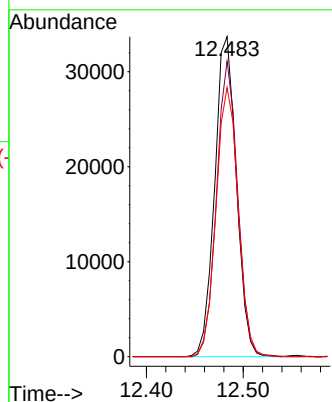
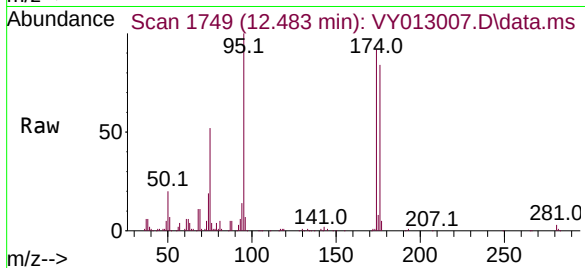




#62
4-Bromofluorobenzene
Concen: 49.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013007.D
Acq: 20 Mar 2023 14:53

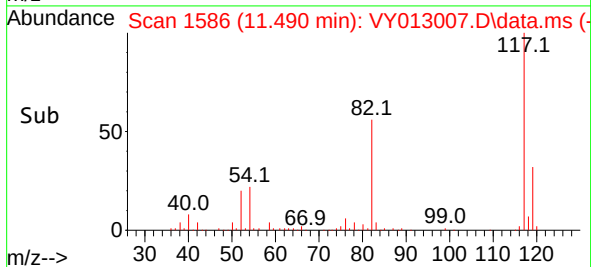
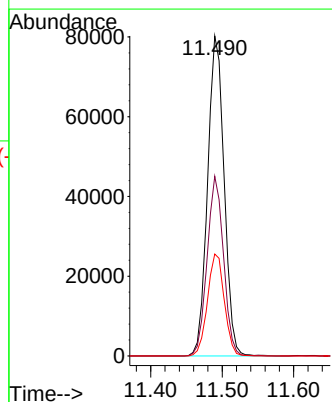
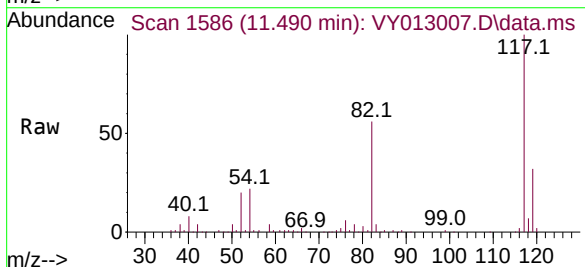
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MSVOA_Y
ClientSampleId :
B-23-SB02

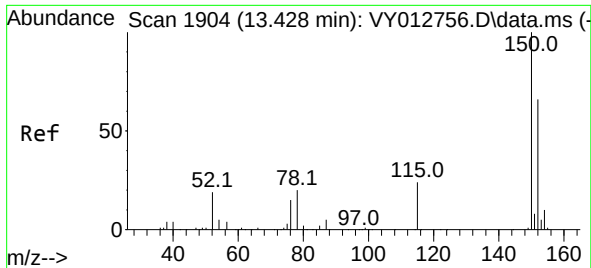
Tgt Ion: 95 Resp: 52528
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 85.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013007.D
Acq: 20 Mar 2023 14:53

Tgt Ion: 117 Resp: 128831
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 31.9 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: VY013007.D

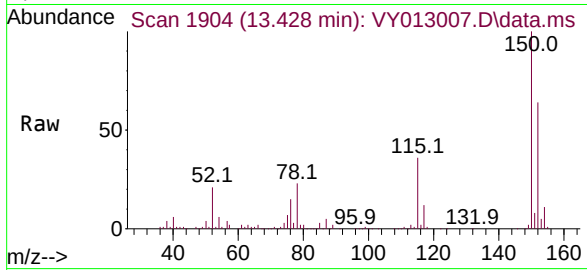
Acq: 20 Mar 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

B-23-SB02



Tgt Ion:152 Resp: 59507

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 157.1 0.0 347.8

