

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012731.D
 Acq On : 27 Feb 2023 12:53
 Operator : KP/MD
 Sample : 01611-02
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-26-SB02

Quant Time: Feb 28 00:22:11 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)

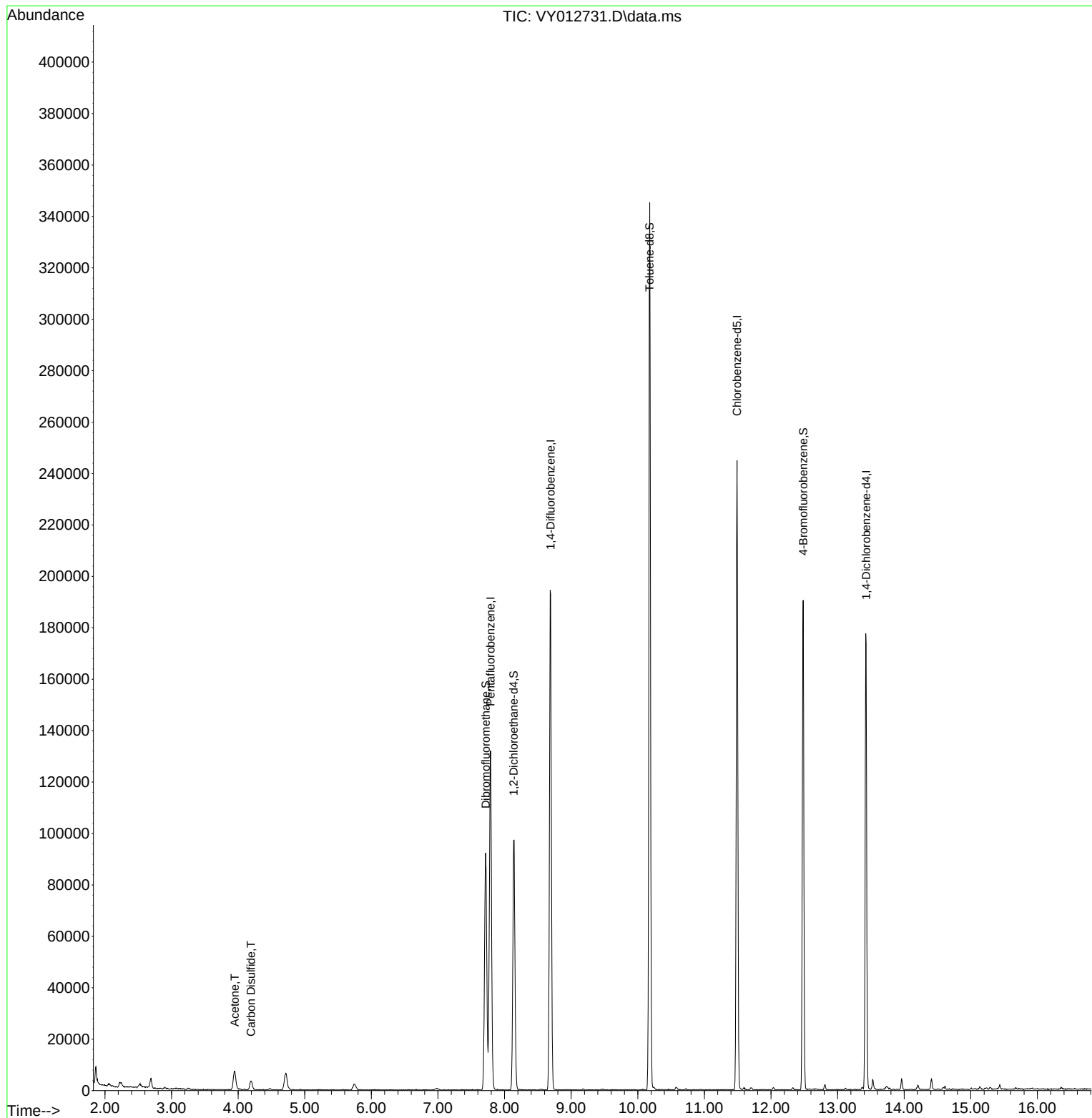
Internal Standards						
1) Pentafluorobenzene	7.789	168	102780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	73279	60.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.740%
35) Dibromofluoromethane	7.716	113	64770	58.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.660%
50) Toluene-d8	10.179	98	219736	52.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.483	95	56217	42.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.460%
Target Compounds						
16) Acetone	3.948	43	13103	33.080	ug/l	94
17) Carbon Disulfide	4.192	76	6936	1.898	ug/l #	94

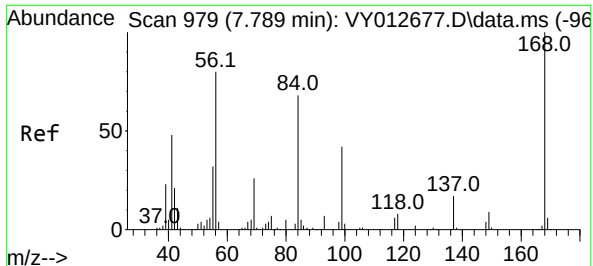
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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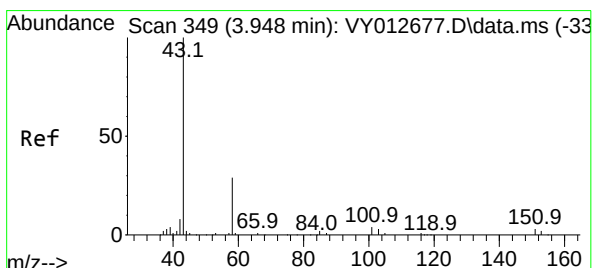
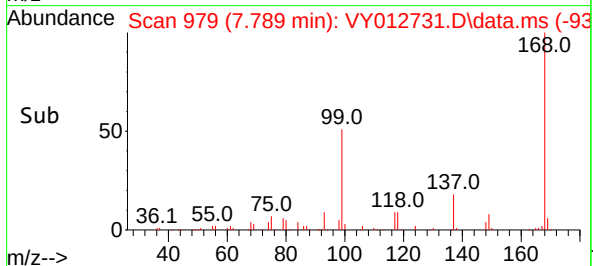
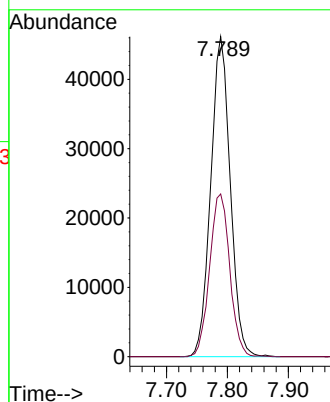
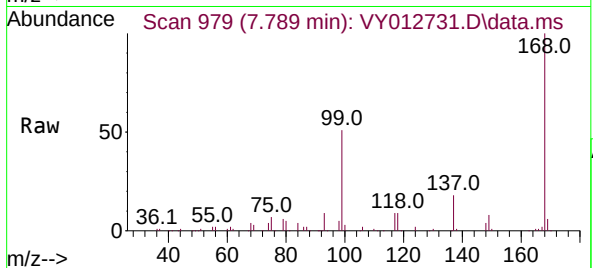




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

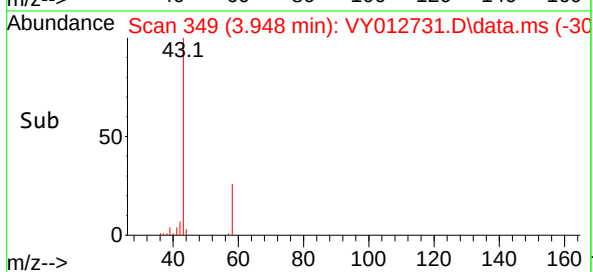
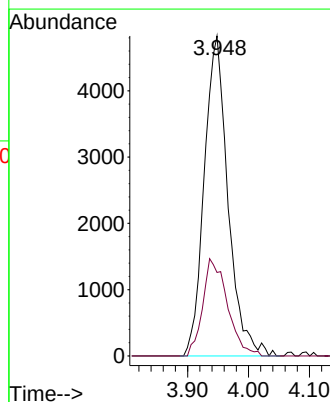
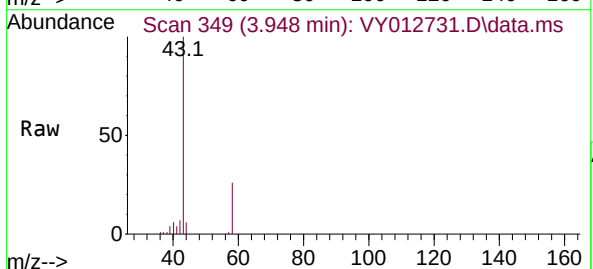
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

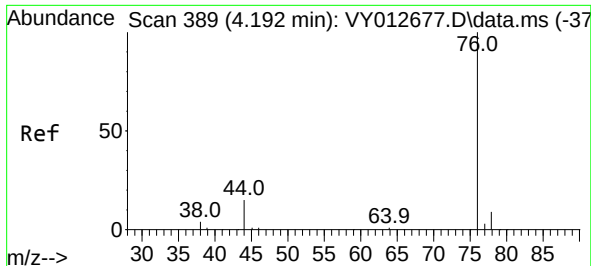
Tgt Ion:168 Resp: 102780
Ion Ratio Lower Upper
168 100
99 50.9 45.4 68.2



#16
Acetone
Concen: 33.080 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 43 Resp: 13103
Ion Ratio Lower Upper
43 100
58 26.1 23.3 34.9

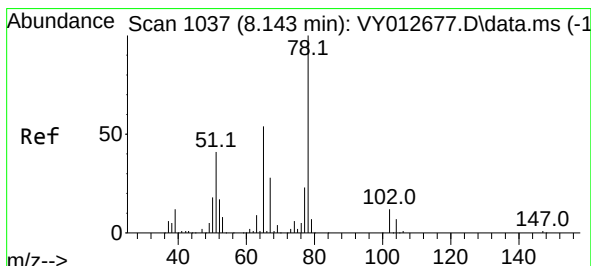
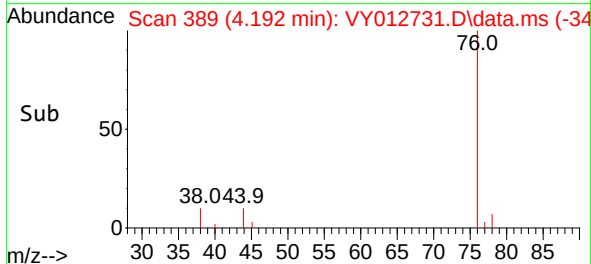
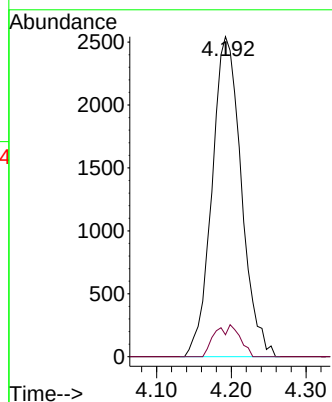
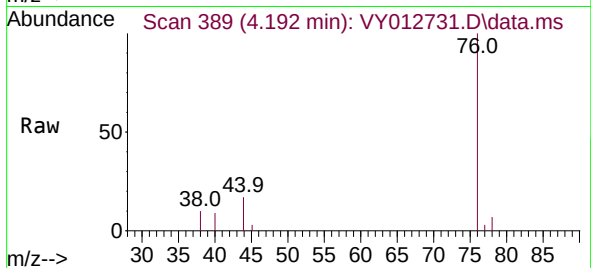




#17
Carbon Disulfide
Concen: 1.898 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

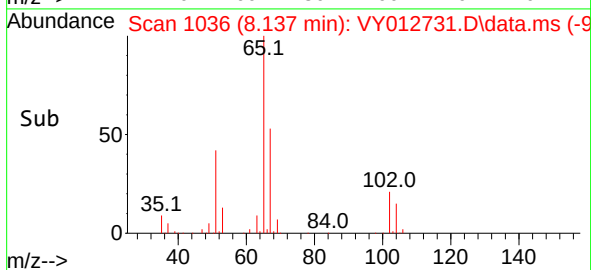
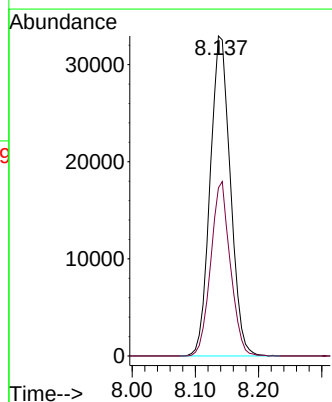
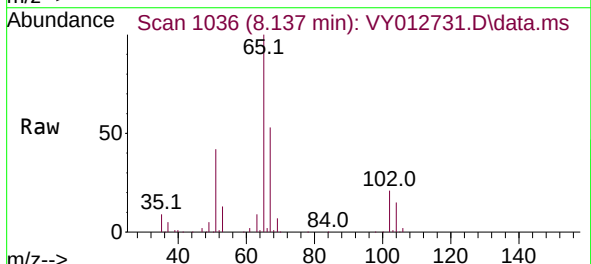
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

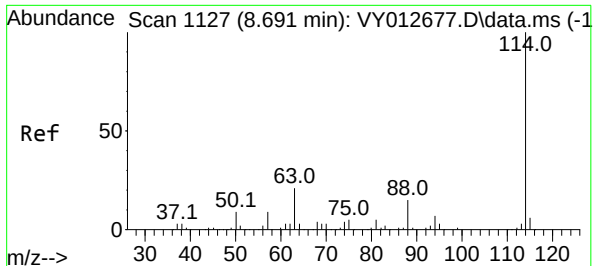
Tgt Ion: 76 Resp: 6936
Ion Ratio Lower Upper
76 100
78 6.8 7.1 10.7#



#33
1,2-Dichloroethane-d4
Concen: 60.368 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 65 Resp: 73279
Ion Ratio Lower Upper
65 100
67 52.6 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: VY012731.D

Acq: 27 Feb 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

B-26-SB02

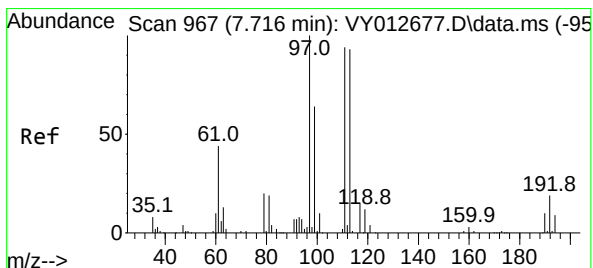
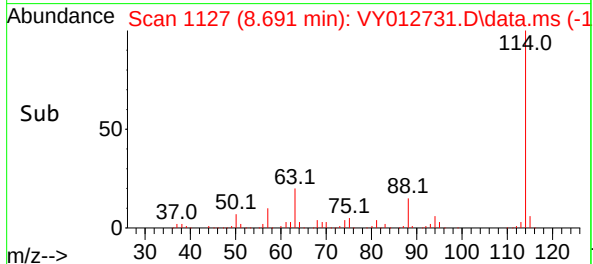
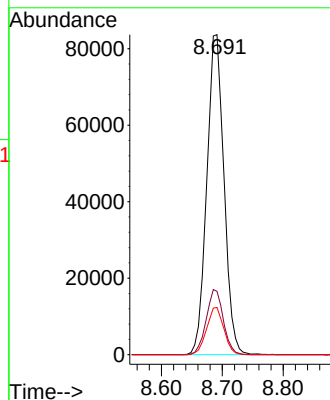
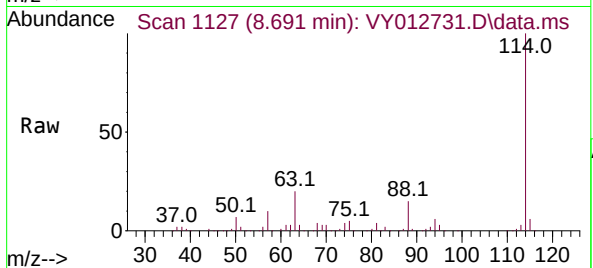
Tgt Ion:114 Resp: 164393

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 58.332 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012731.D

Acq: 27 Feb 2023 12:53

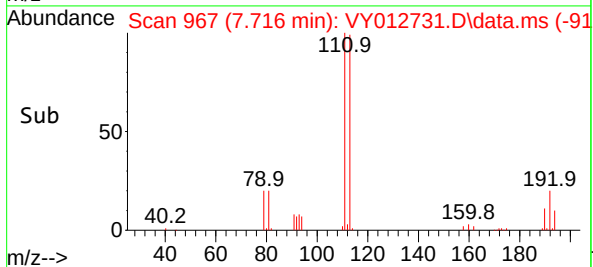
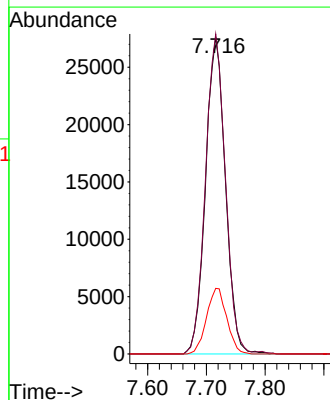
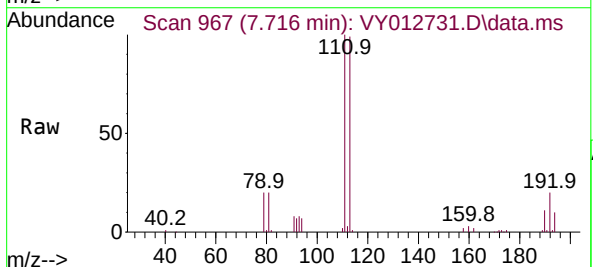
Tgt Ion:113 Resp: 64770

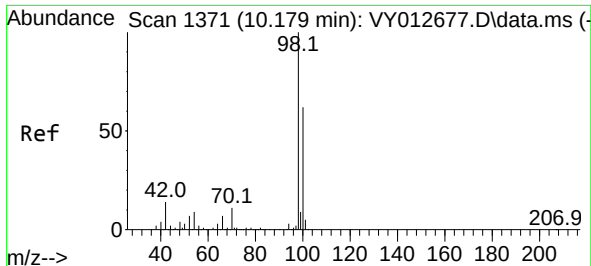
Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

192 21.1 16.2 24.2

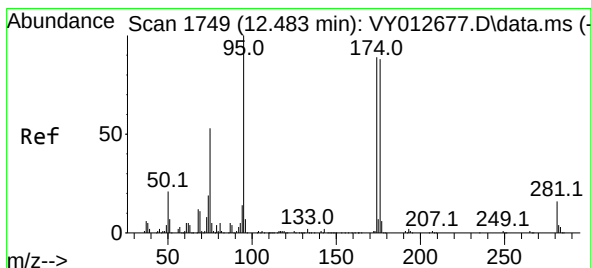
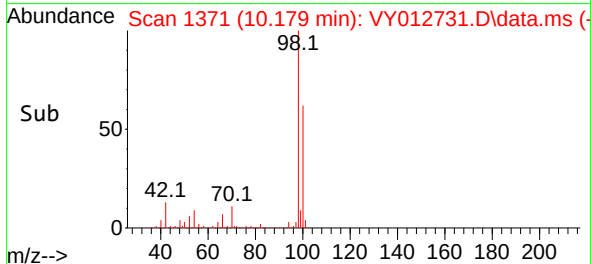
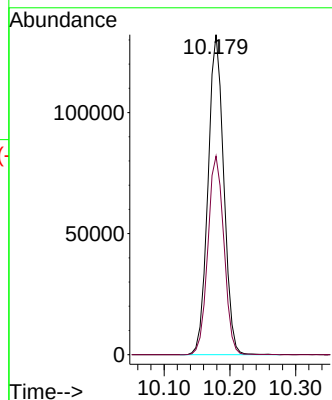
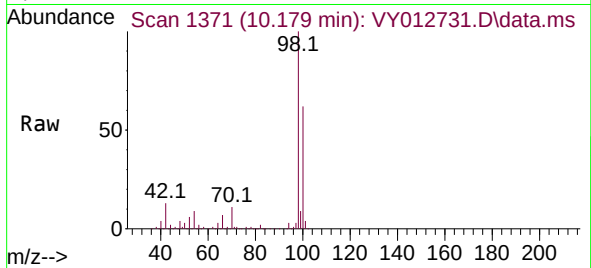




#50
Toluene-d8
Concen: 52.823 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

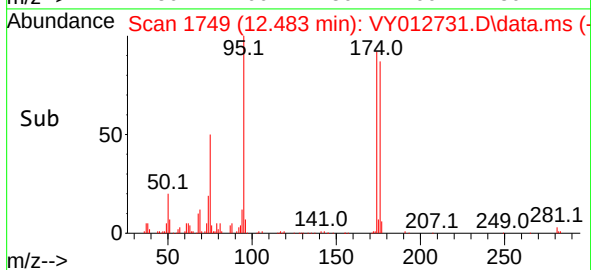
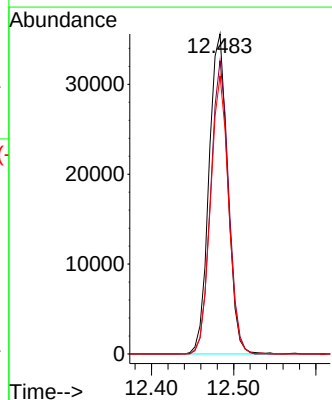
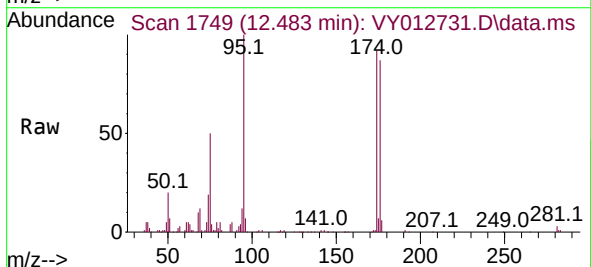
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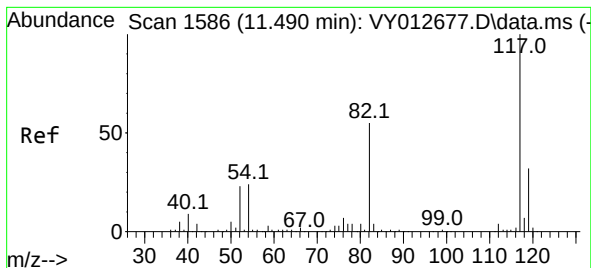
Tgt Ion: 98 Resp: 219736
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 42.230 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012731.D
Acq: 27 Feb 2023 12:53

Tgt Ion: 95 Resp: 56217
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.8
176 84.3 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012731.D

Acq: 27 Feb 2023 12:53

Instrument :

MSVOA_Y

ClientSampleId :

B-26-SB02

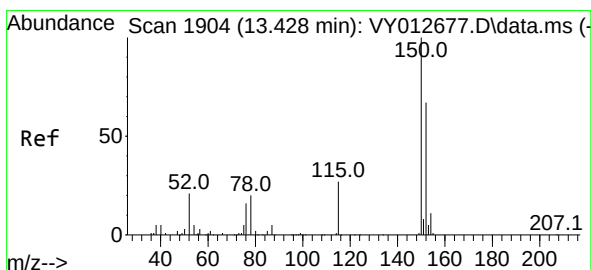
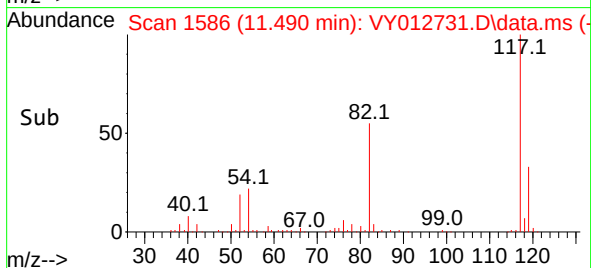
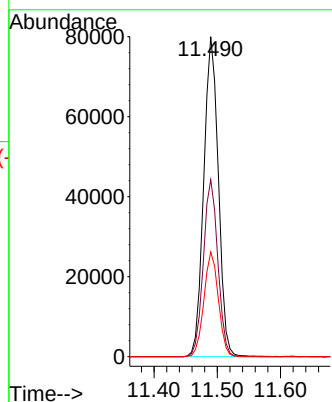
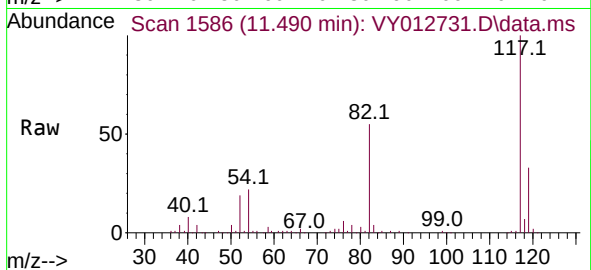
Tgt Ion:117 Resp: 128963

Ion Ratio Lower Upper

117 100

82 55.3 44.1 66.1

119 32.7 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: VY012731.D

Acq: 27 Feb 2023 12:53

Tgt Ion:152 Resp: 45918

Ion Ratio Lower Upper

152 100

115 55.7 28.7 86.3

150 155.7 0.0 347.6

