

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012724.D
 Acq On : 24 Feb 2023 15:55
 Operator : KP/MD
 Sample : 01611-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-26-SB02

Quant Time: Feb 25 00:50:44 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)

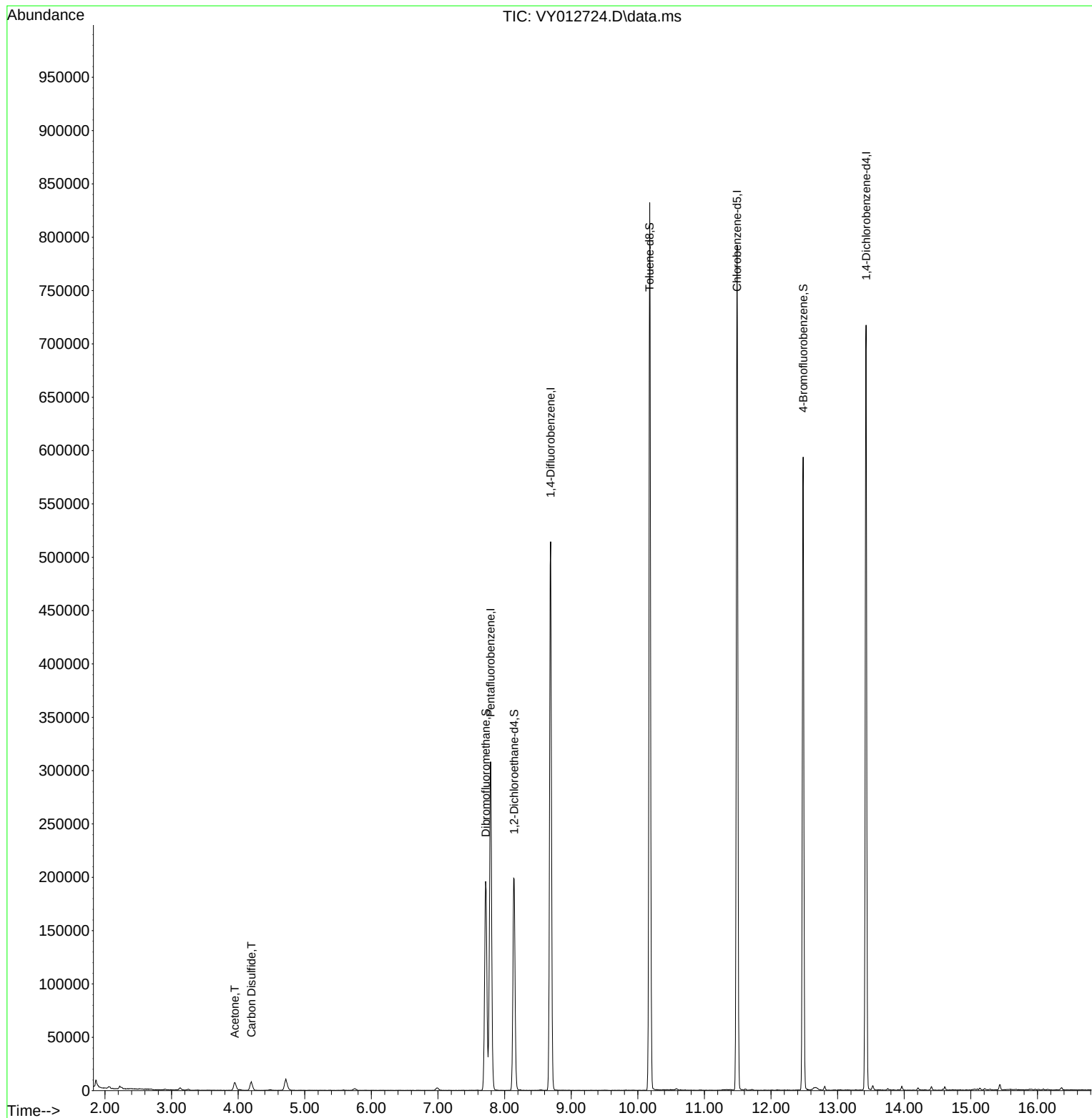
Internal Standards						
1) Pentafluorobenzene	7.789	168	238505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	431086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	408027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151526	53.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.580%
35) Dibromofluoromethane	7.716	113	137508	47.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.179	98	516414	47.341	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.483	95	171064	49.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.000%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	13622	14.820	ug/l	97
17) Carbon Disulfide	4.198	76	15459	1.823	ug/l	97

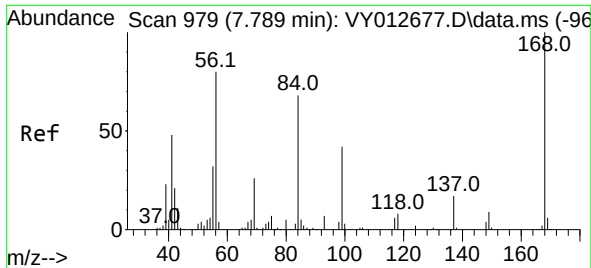
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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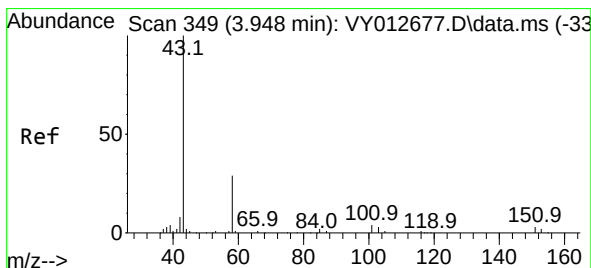
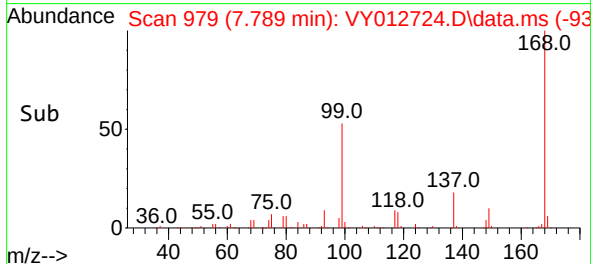
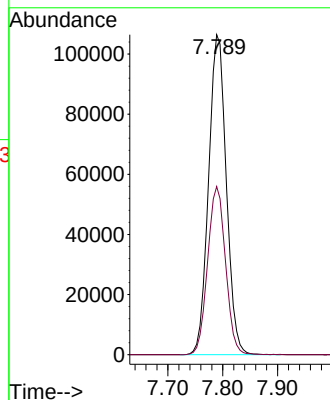
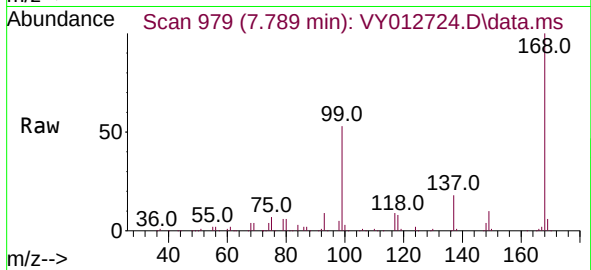




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

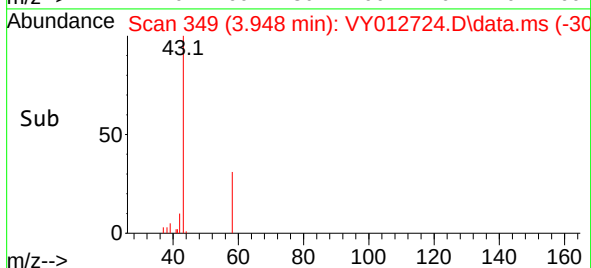
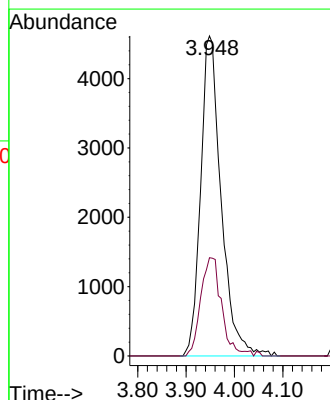
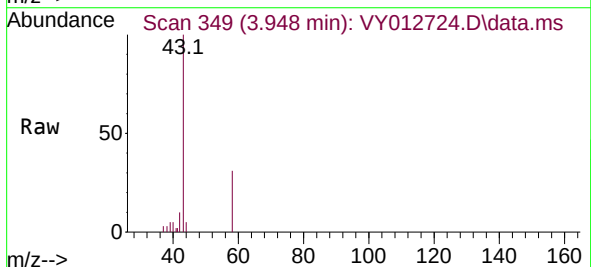
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

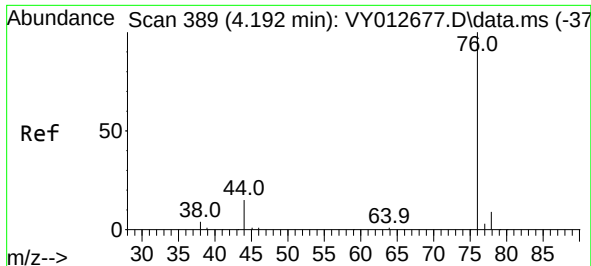
Tgt Ion:168 Resp: 238505
Ion Ratio Lower Upper
168 100
99 52.6 45.4 68.2



#16
Acetone
Concen: 14.820 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion: 43 Resp: 13622
Ion Ratio Lower Upper
43 100
58 30.7 23.3 34.9

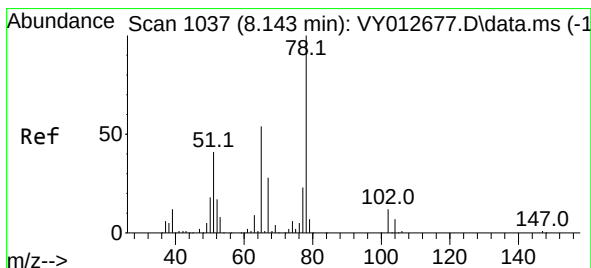
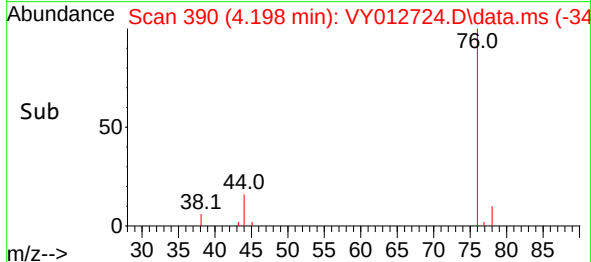
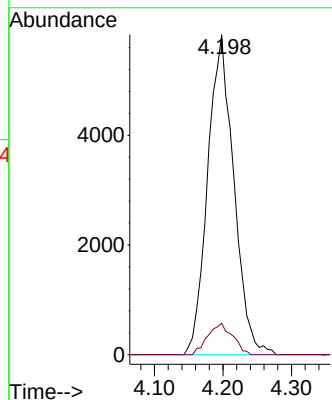
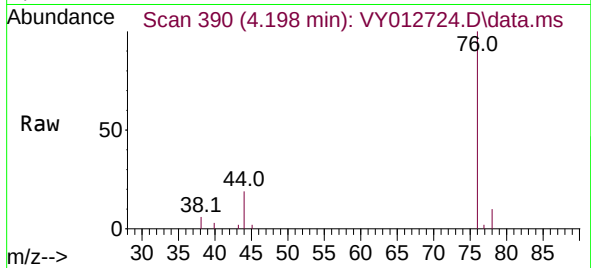




#17
Carbon Disulfide
Concen: 1.823 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

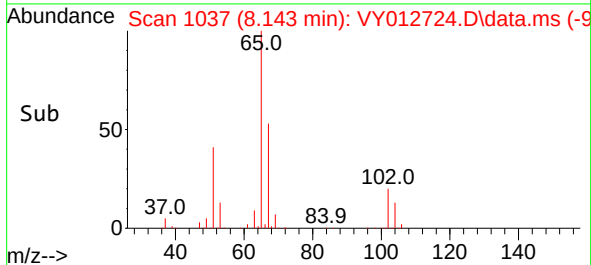
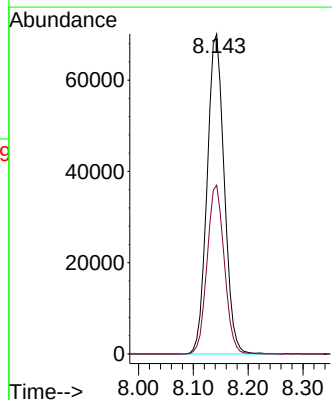
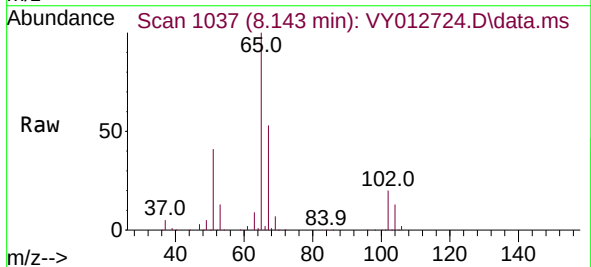
Instrument :
MSVOA_Y
ClientSampleId :
B-26-SB02

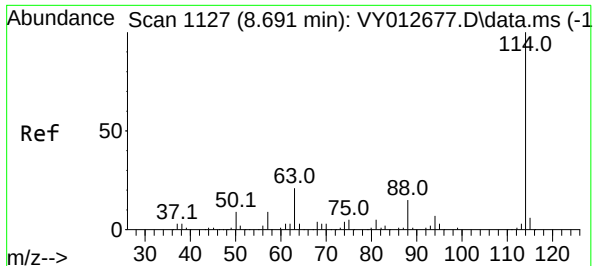
Tgt Ion: 76 Resp: 15459
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7



#33
1,2-Dichloroethane-d4
Concen: 53.793 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion: 65 Resp: 151526
Ion Ratio Lower Upper
65 100
67 52.9 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: VY012724.D

Acq: 24 Feb 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

B-26-SB02

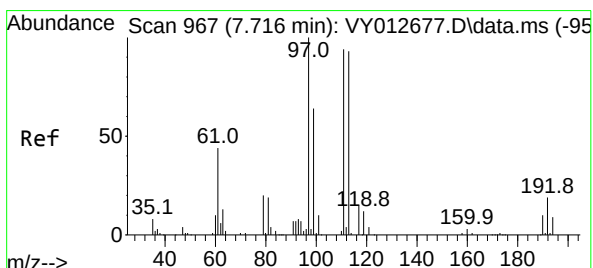
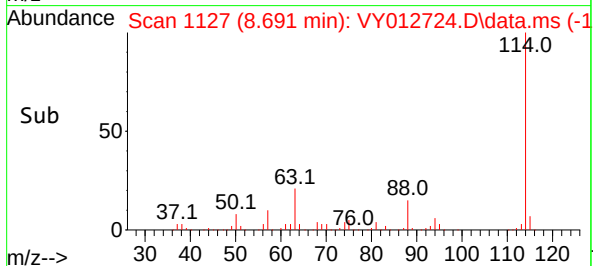
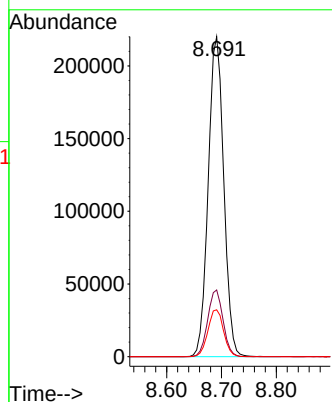
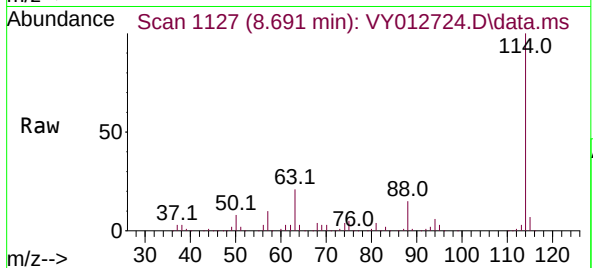
Tgt Ion:114 Resp: 431086

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 14.6 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.226 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012724.D

Acq: 24 Feb 2023 15:55

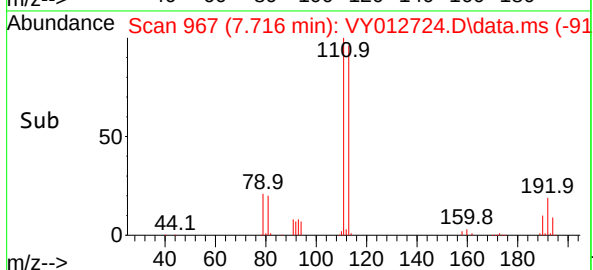
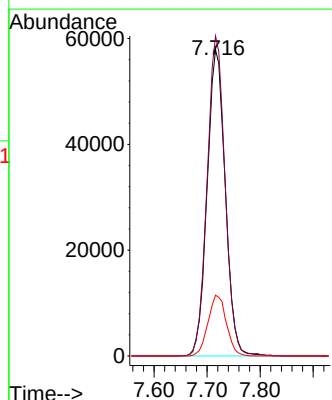
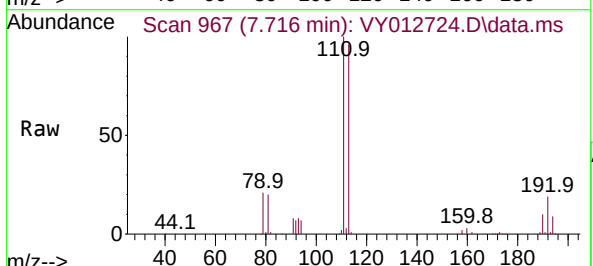
Tgt Ion:113 Resp: 137508

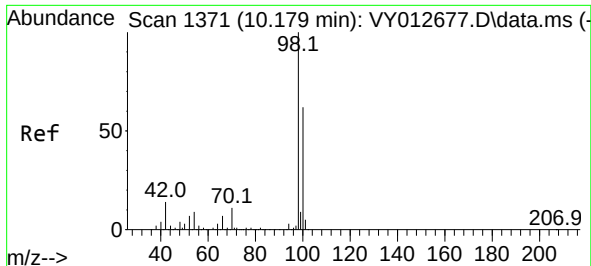
Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 20.0 16.2 24.2

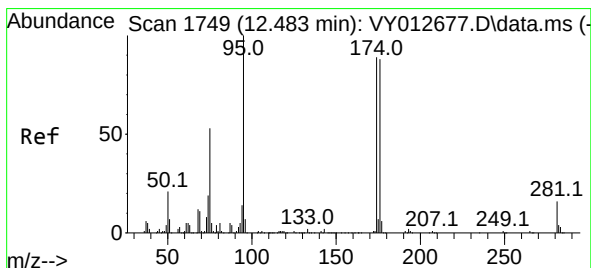
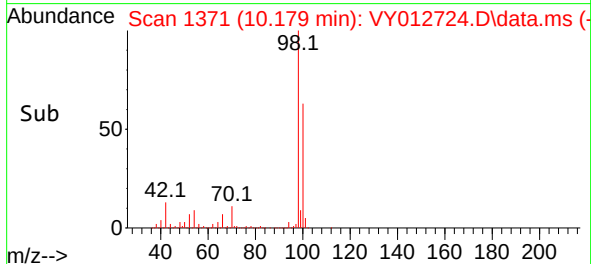
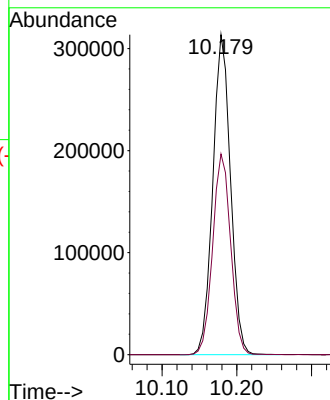
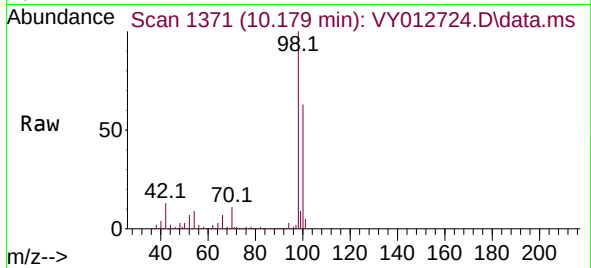




#50
Toluene-d8
Concen: 47.341 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

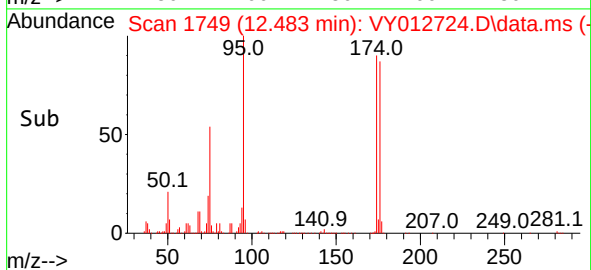
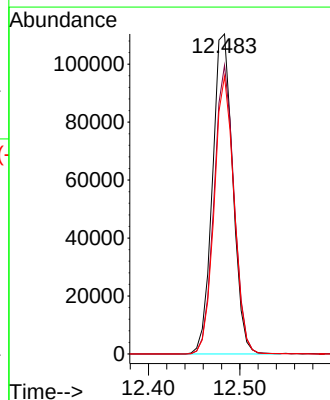
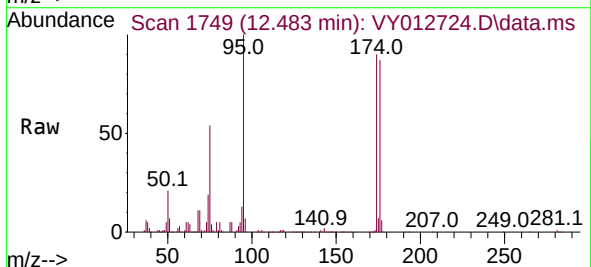
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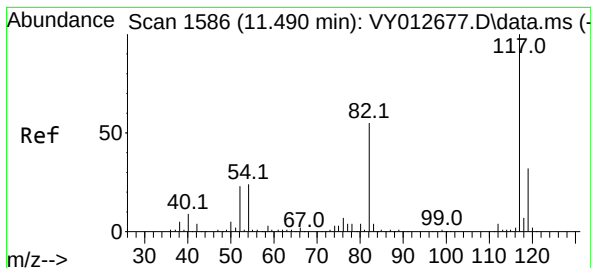
Tgt Ion: 98 Resp: 516414
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 49.005 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012724.D
Acq: 24 Feb 2023 15:55

Tgt Ion: 95 Resp: 171064
Ion Ratio Lower Upper
95 100
174 88.7 0.0 172.8
176 84.9 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012724.D

Acq: 24 Feb 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

B-26-SB02

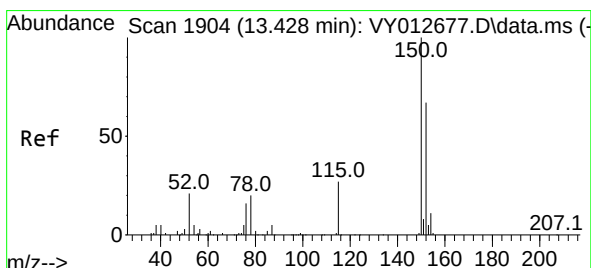
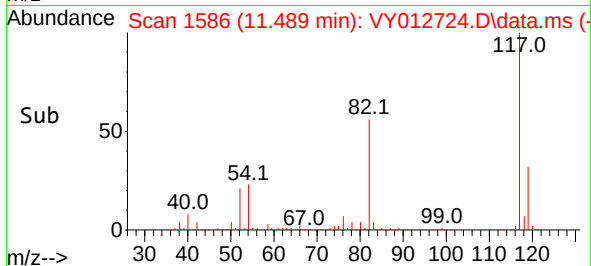
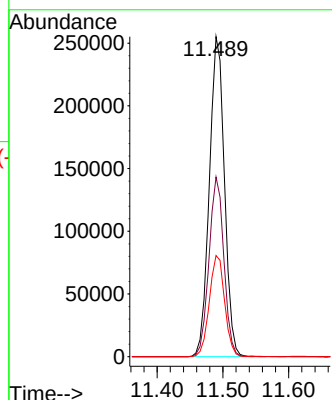
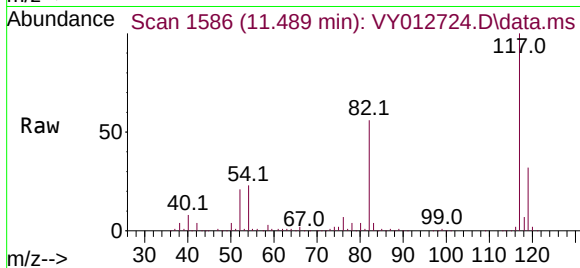
Tgt Ion:117 Resp: 408027

Ion Ratio Lower Upper

117 100

82 56.2 44.1 66.1

119 31.6 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: VY012724.D

Acq: 24 Feb 2023 15:55

Tgt Ion:152 Resp: 179710

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.3

150 156.7 0.0 347.6

