

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012721.D
 Acq On : 24 Feb 2023 14:45
 Operator : KP/MD
 Sample : 01657-02
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-17-SB02

Quant Time: Feb 25 00:49:42 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	194282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	355278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125625	54.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.500%
35) Dibromofluoromethane	7.716	113	120065	48.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.260%
50) Toluene-d8	10.179	98	441981	47.289	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.580%
62) 4-Bromofluorobenzene	12.483	95	150450	50.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.600%

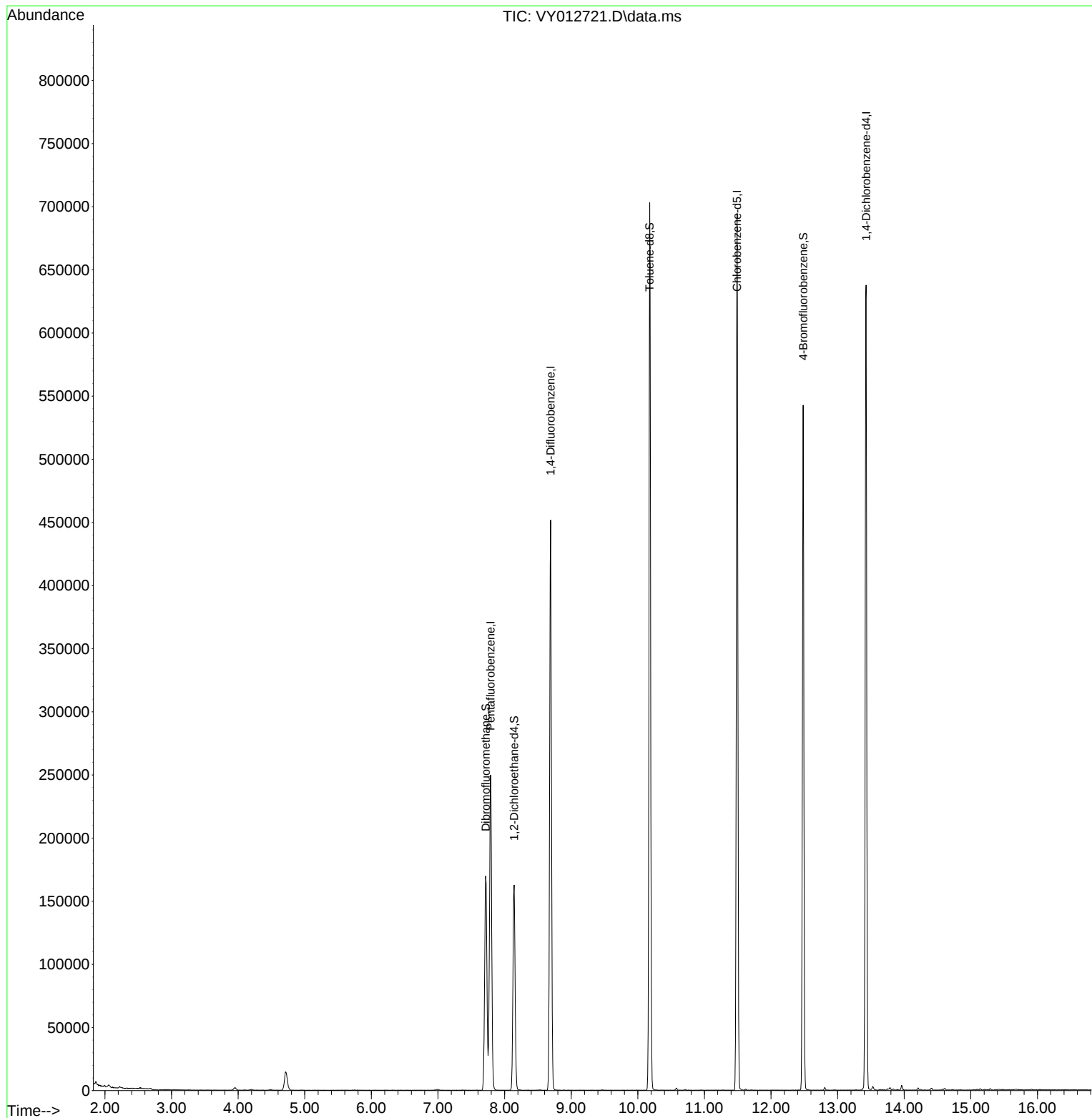
Target Compounds	Qvalue

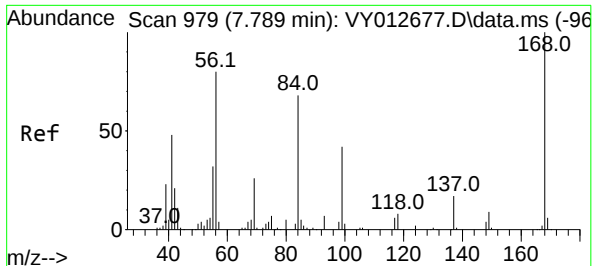
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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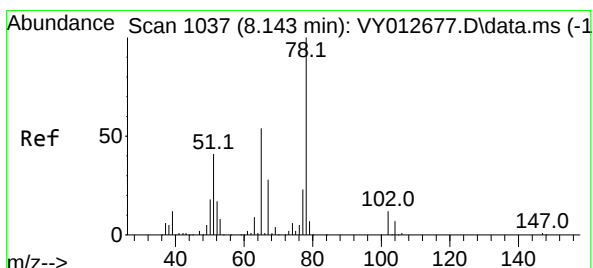
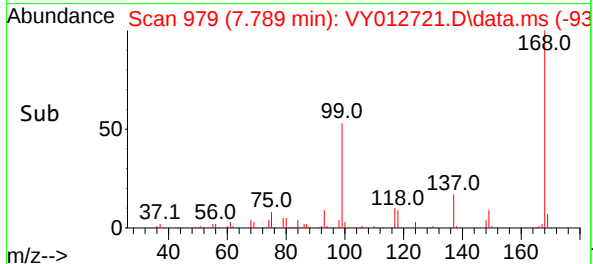
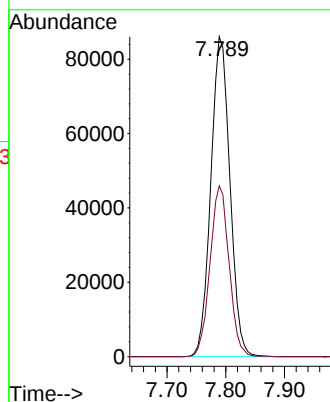
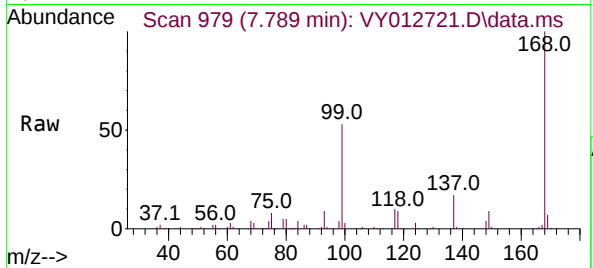




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

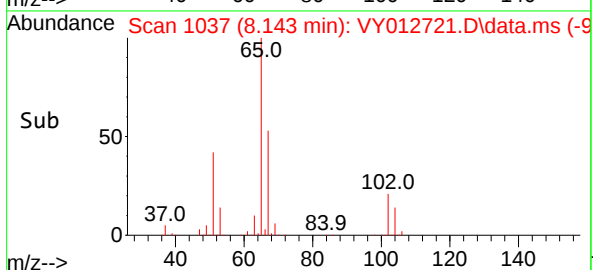
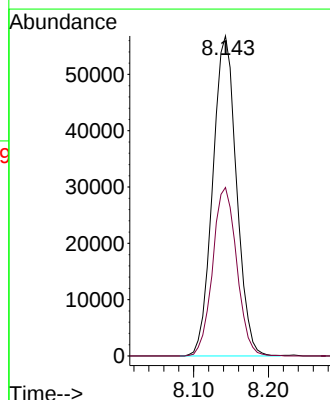
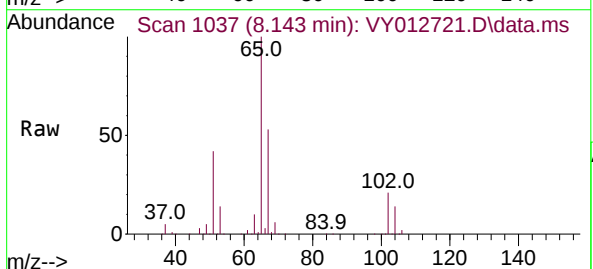
Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

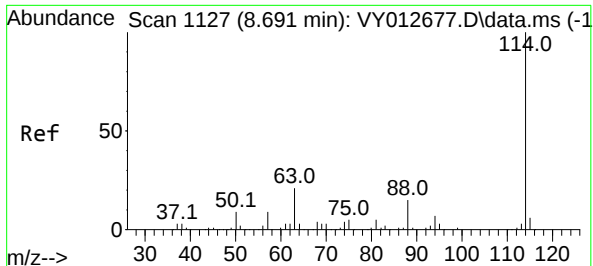
Tgt Ion:168 Resp: 194282
Ion Ratio Lower Upper
168 100
99 53.4 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 54.749 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion: 65 Resp: 125625
Ion Ratio Lower Upper
65 100
67 53.3 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: VY012721.D

Acq: 24 Feb 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

B-17-SB02

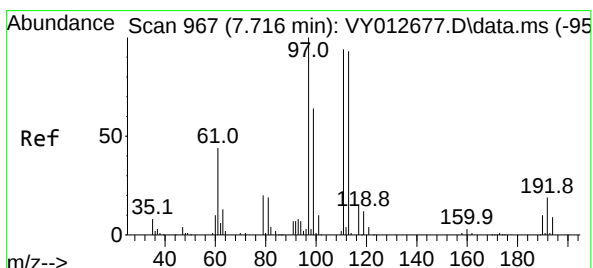
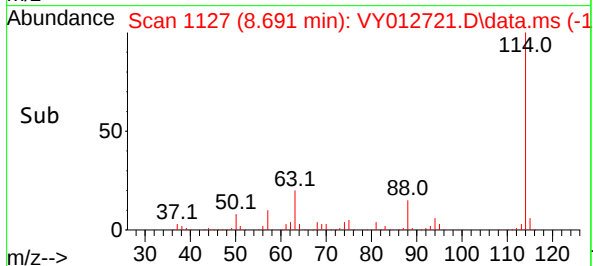
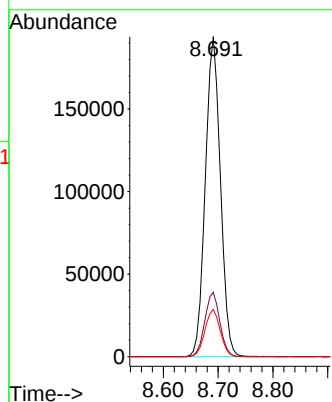
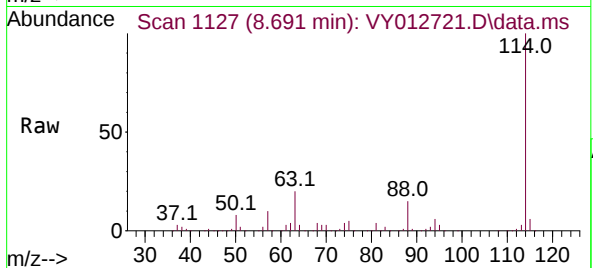
Tgt Ion:114 Resp: 369352

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.128 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012721.D

Acq: 24 Feb 2023 14:45

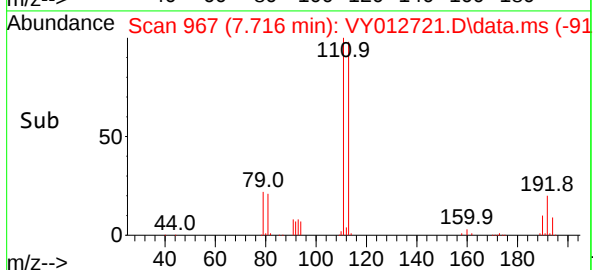
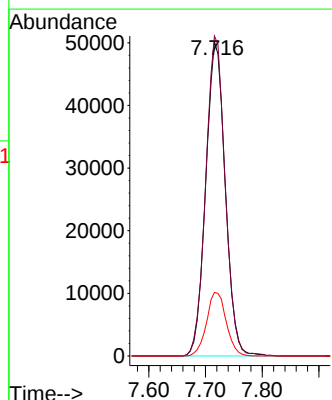
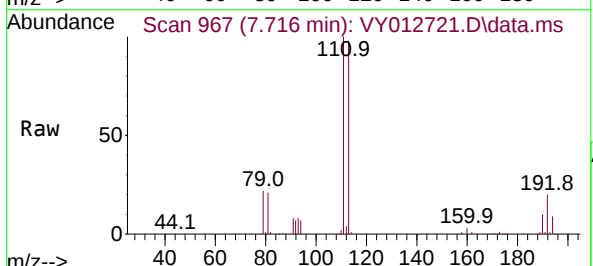
Tgt Ion:113 Resp: 120065

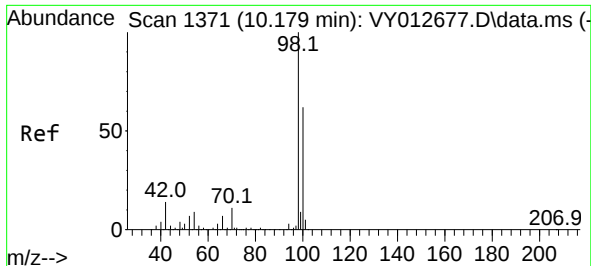
Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

192 20.4 16.2 24.2

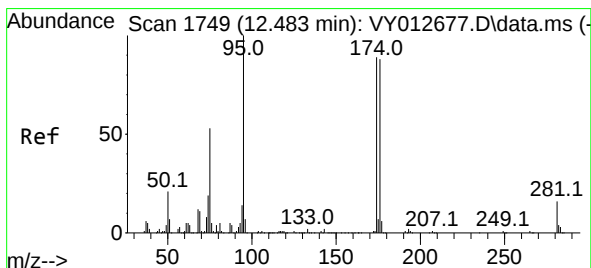
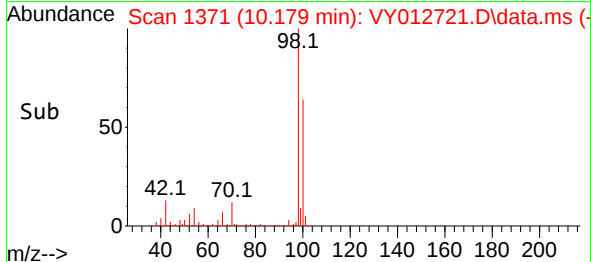
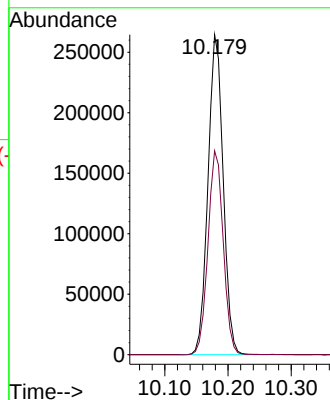
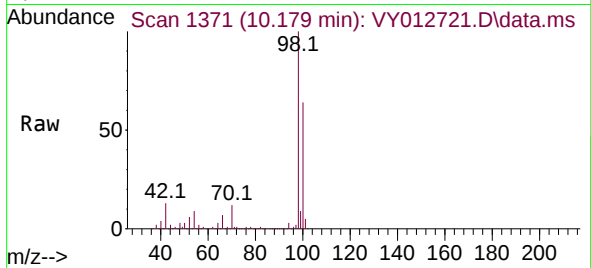




#50
Toluene-d8
Concen: 47.289 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

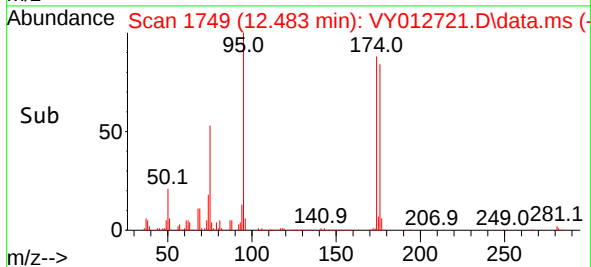
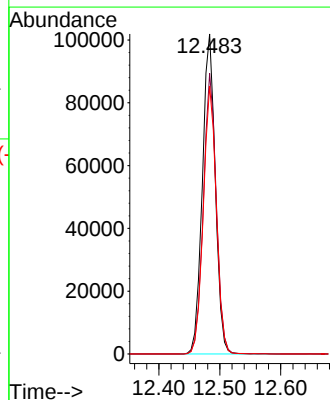
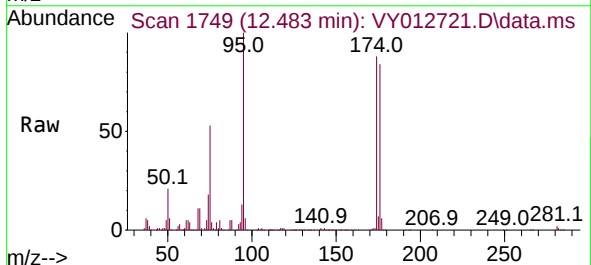
Instrument :
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B-17-SB02

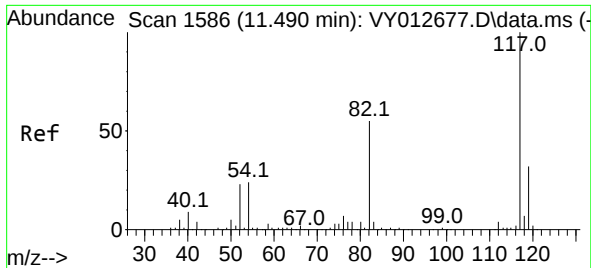
Tgt Ion: 98 Resp: 441981
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion: 95 Resp: 150450
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.8
176 84.4 0.0 169.4

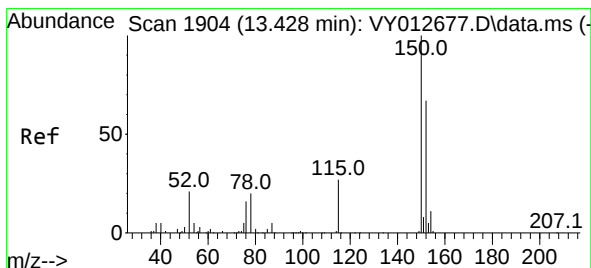
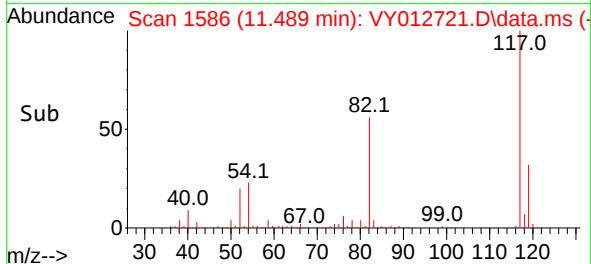
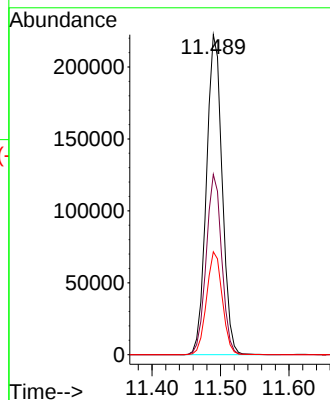
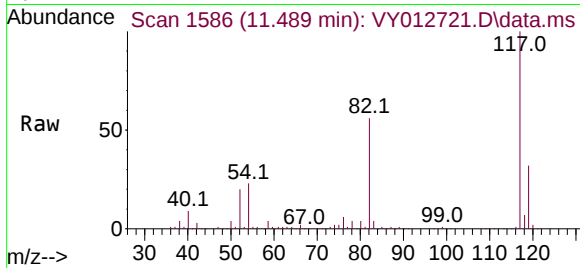




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012721.D
Acq: 24 Feb 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
B-17-SB02

Tgt Ion:117 Resp: 355278
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 32.2 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: VY012721.D
Acq: 24 Feb 2023 14:45

Tgt Ion:152 Resp: 162146
Ion Ratio Lower Upper
152 100
115 56.0 28.7 86.3
150 159.4 0.0 347.6

