

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017674.D
 Acq On : 15 Mar 2024 15:47
 Operator : SY/MD
 Sample : P1746-19
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Mar 16 00:17:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	71737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	124878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	112690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39778	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36467	53.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.280%
35) Dibromofluoromethane	7.716	113	44288	50.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.179	98	143294	47.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.483	95	36433	38.103	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.200%

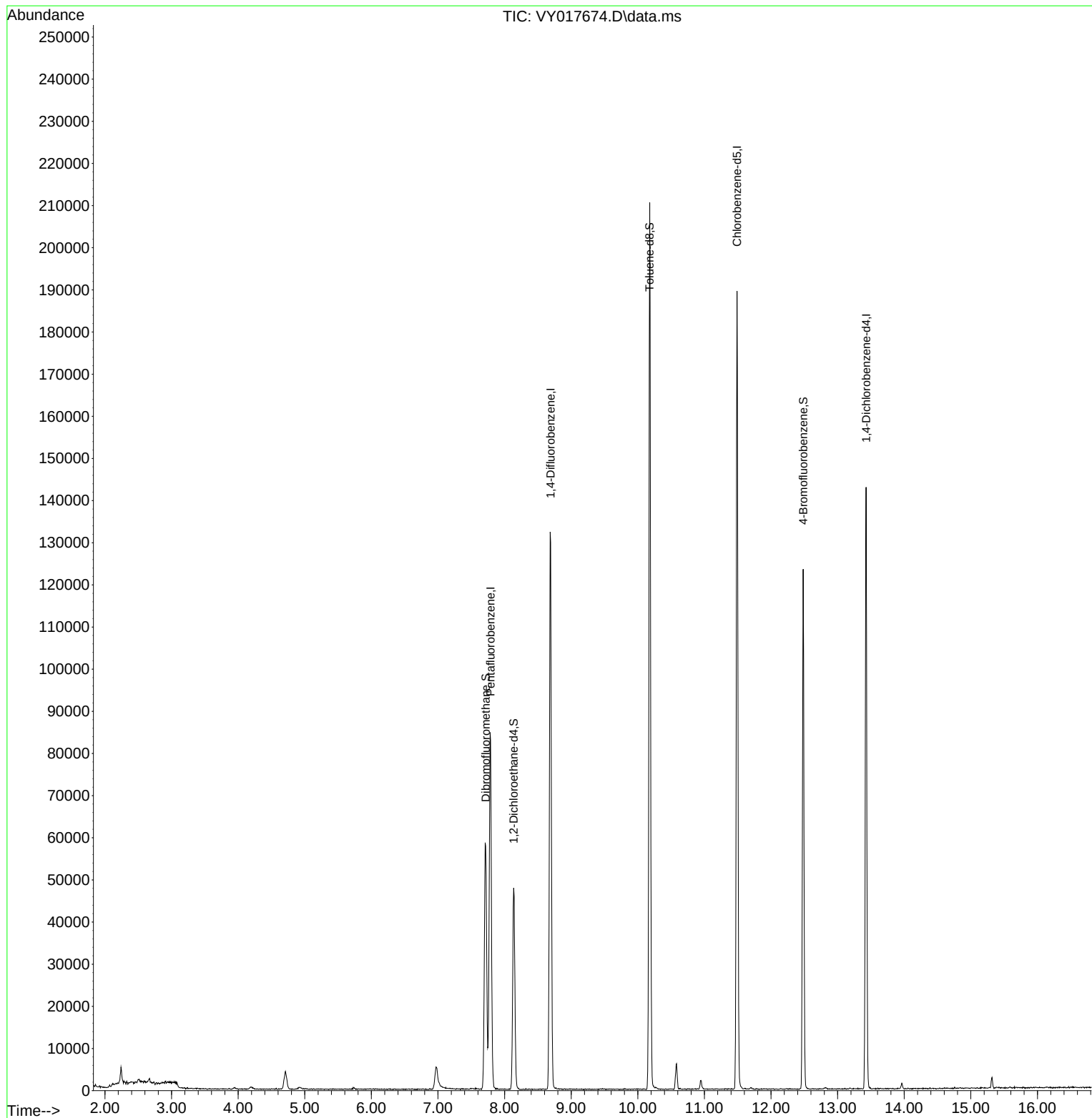
Target Compounds	Qvalue

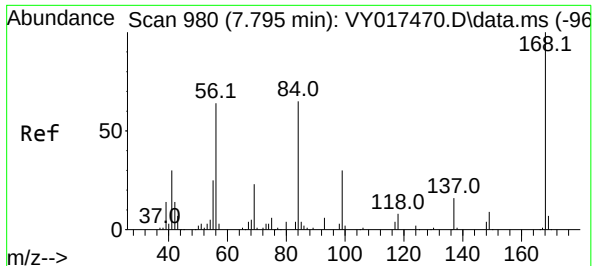
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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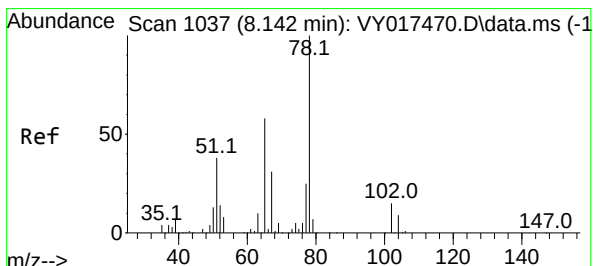
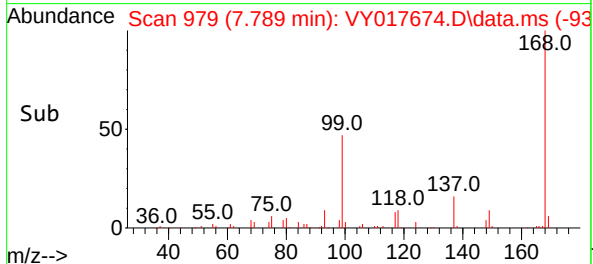
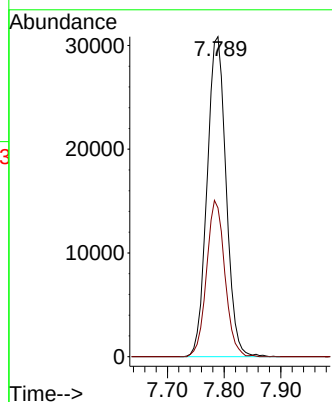
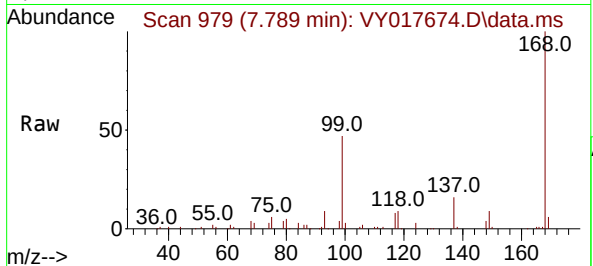




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

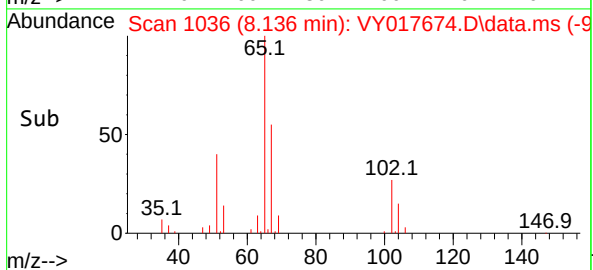
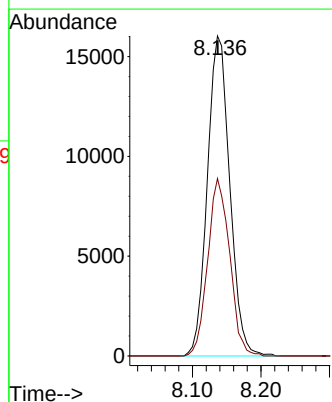
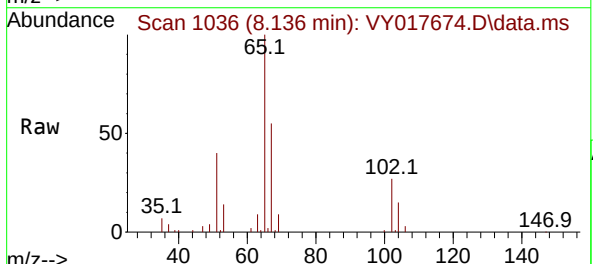
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

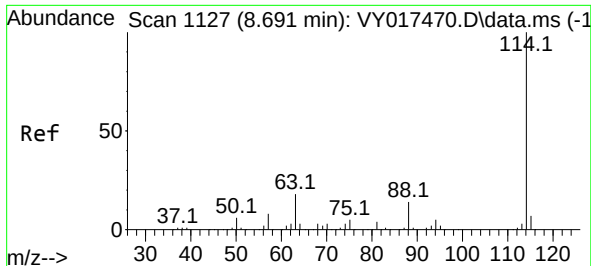
Tgt Ion:168 Resp: 71737
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.638 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Tgt Ion: 65 Resp: 36467
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-0-2.0

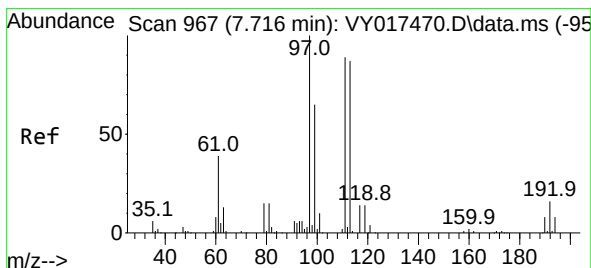
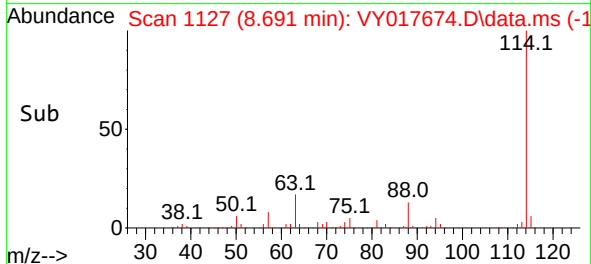
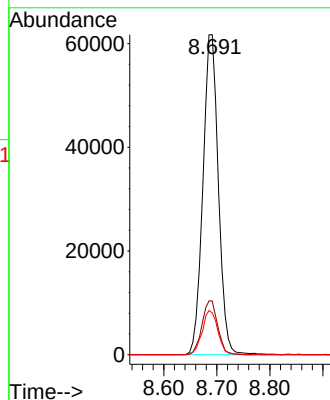
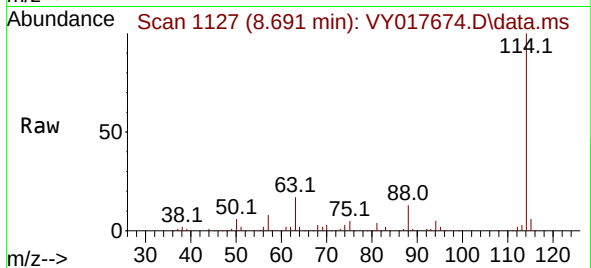
Tgt Ion:114 Resp: 124878

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.895 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

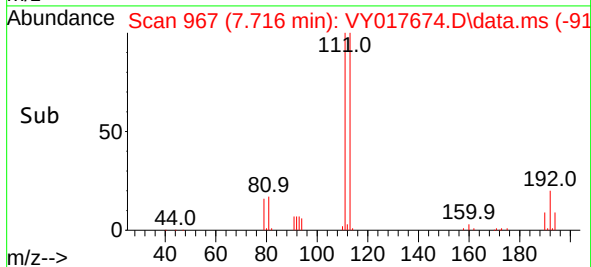
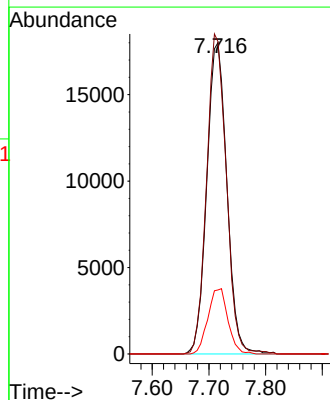
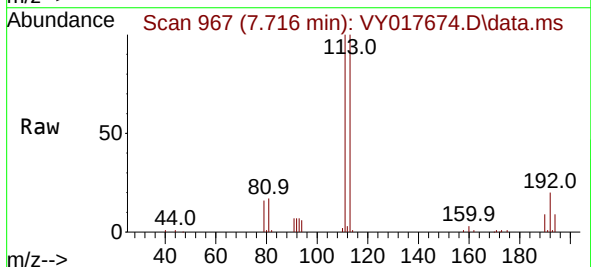
Tgt Ion:113 Resp: 44288

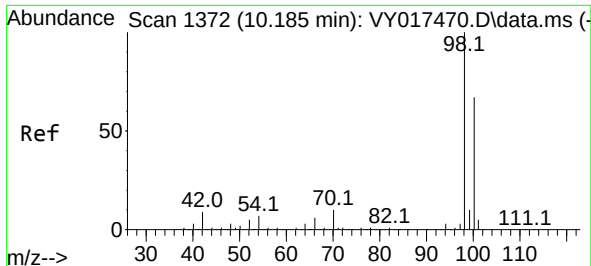
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 20.9 15.9 23.9

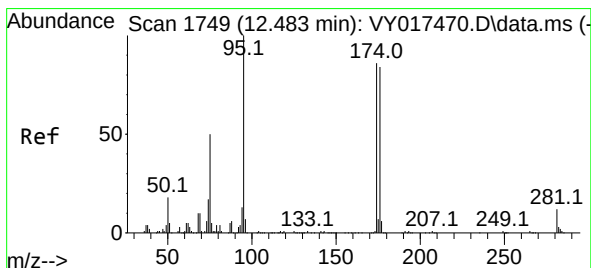
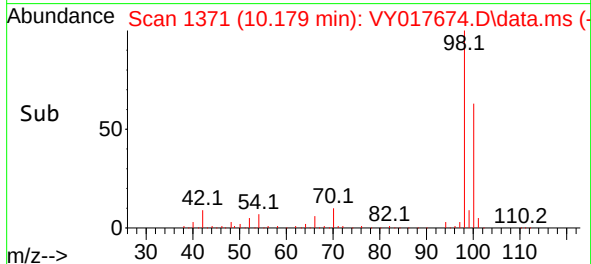
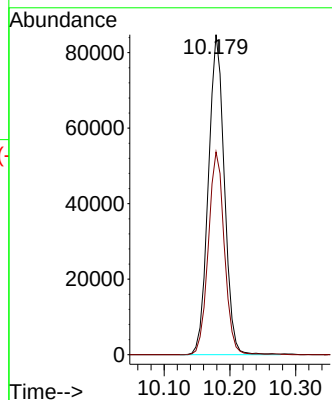
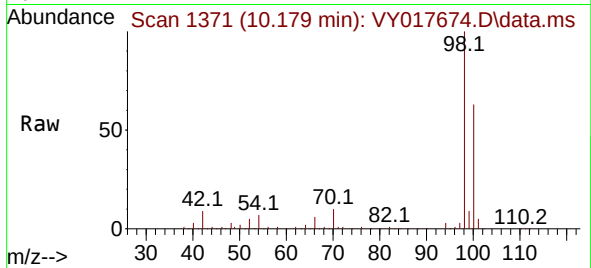




#50
Toluene-d8
Concen: 47.097 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

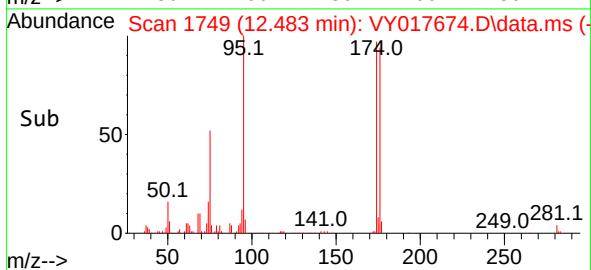
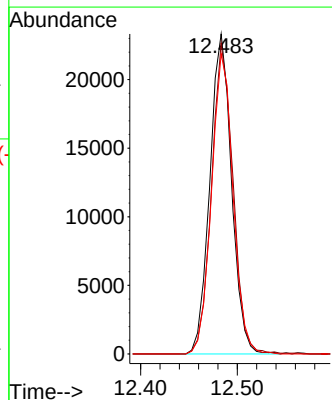
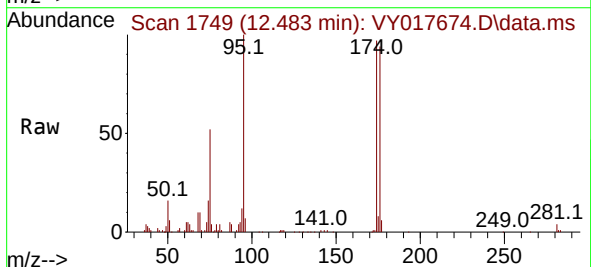
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

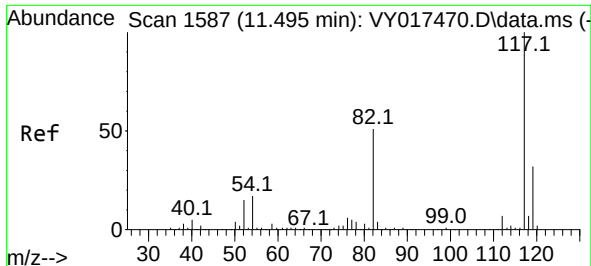
Tgt Ion: 98 Resp: 143294
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.103 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Tgt Ion: 95 Resp: 36433
Ion Ratio Lower Upper
95 100
174 95.9 0.0 175.6
176 92.9 0.0 171.4

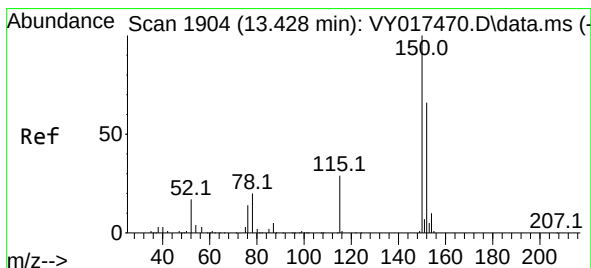
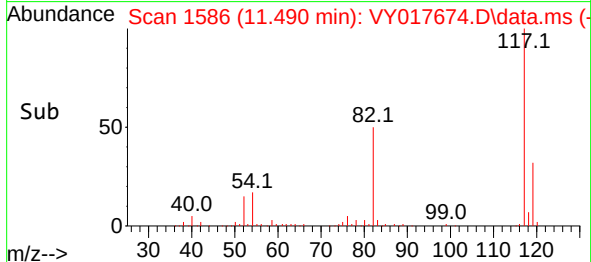
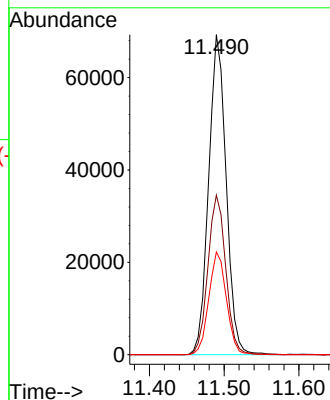
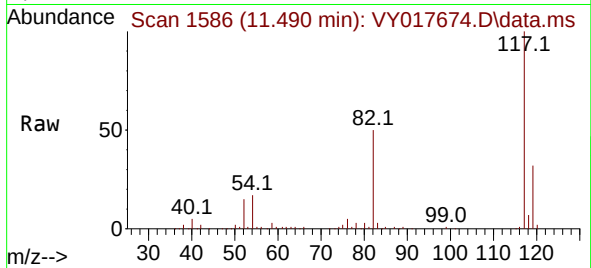




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

Tgt Ion:117 Resp: 112690
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Tgt Ion:152 Resp: 39778
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 156.8 0.0 345.6

