

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017617.D
 Acq On : 08 Mar 2024 11:47
 Operator : SY/MD
 Sample : P1705-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Mar 08 22:22:30 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	117477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	185403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70389	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57197	51.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.740%
35) Dibromofluoromethane	7.716	113	68402	46.631	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.260%
50) Toluene-d8	10.185	98	245275	47.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.489	95	64021	39.719	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.440%

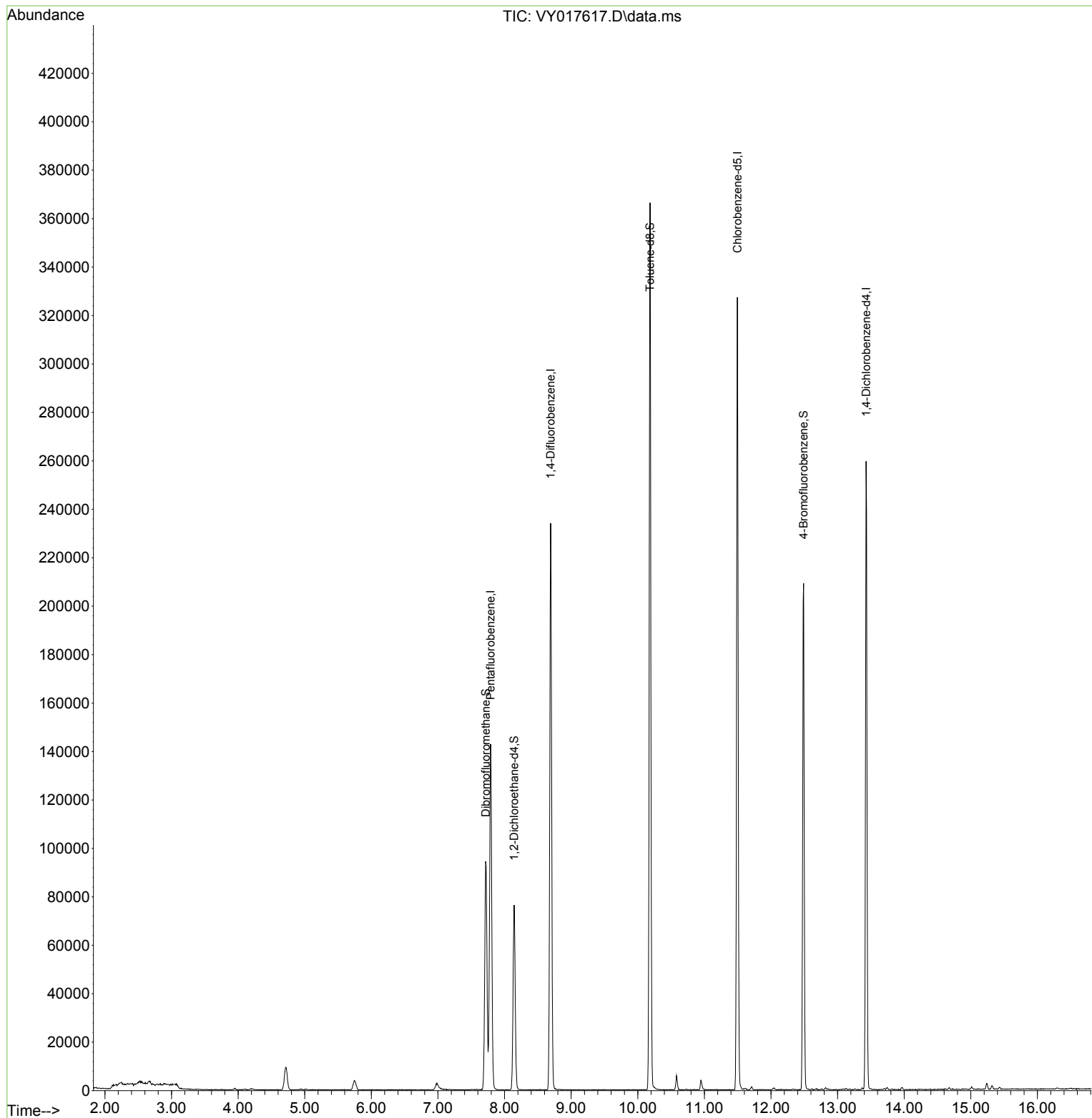
Target Compounds	Qvalue

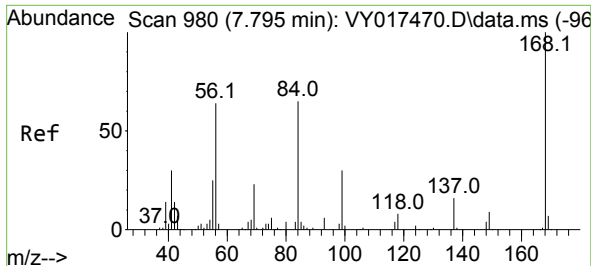
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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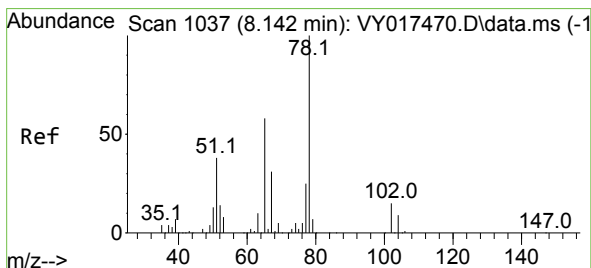
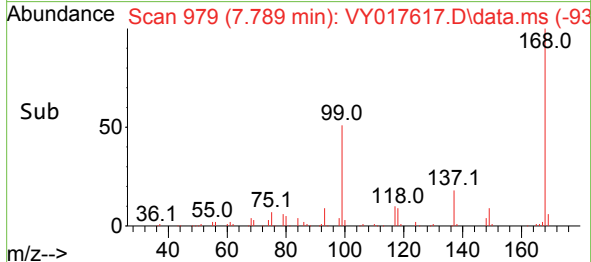
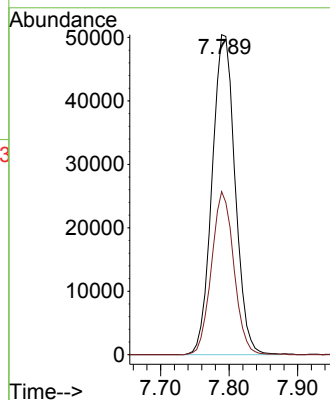
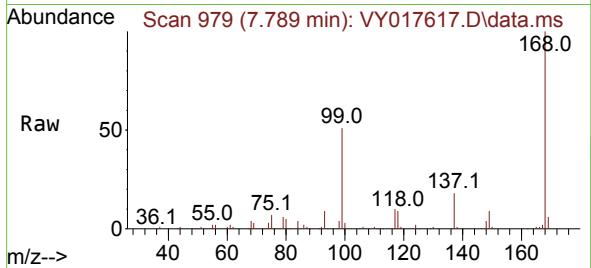




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

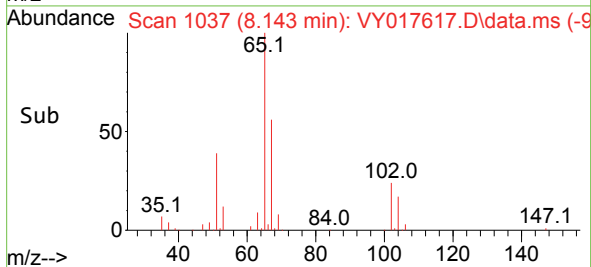
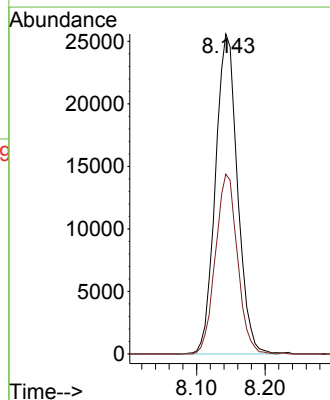
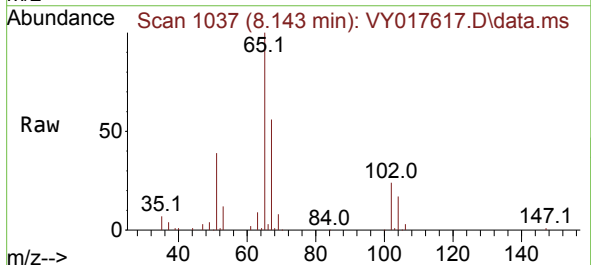
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

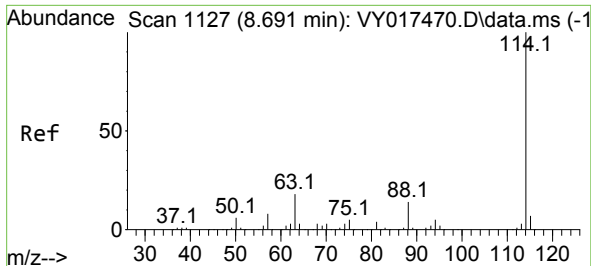
Tgt Ion:168 Resp: 117477
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.373 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Tgt Ion: 65 Resp: 57197
Ion Ratio Lower Upper
65 100
67 56.0 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: VY017617.D

Acq: 08 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

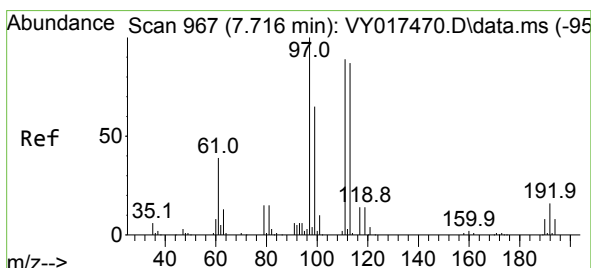
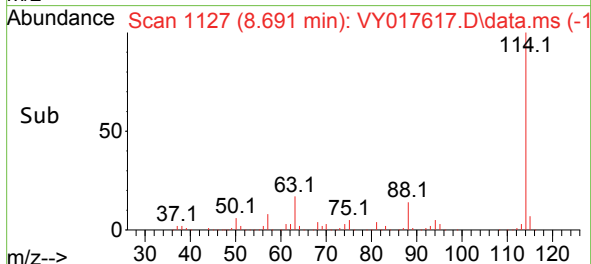
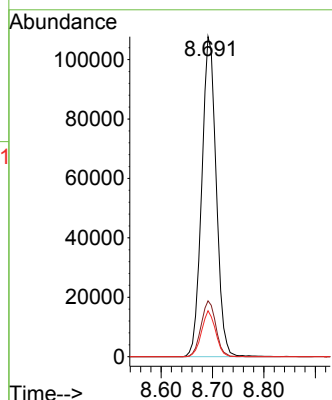
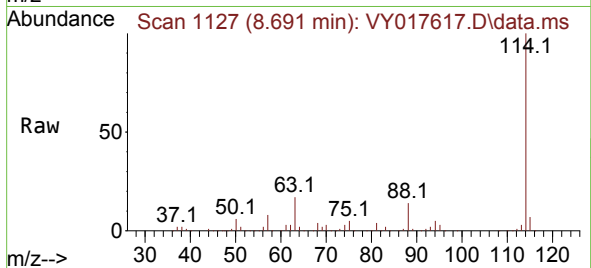
Tgt Ion:114 Resp: 210509

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.631 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017617.D

Acq: 08 Mar 2024 11:47

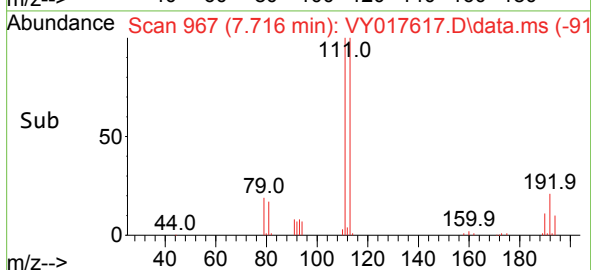
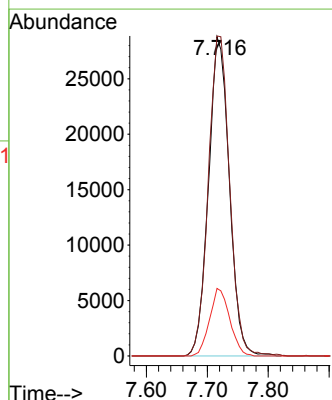
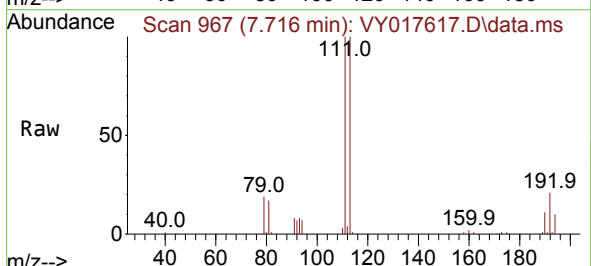
Tgt Ion:113 Resp: 68402

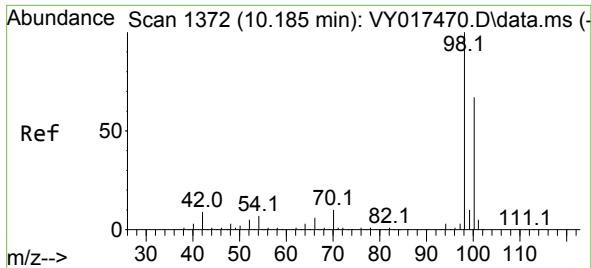
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 20.4 15.9 23.9

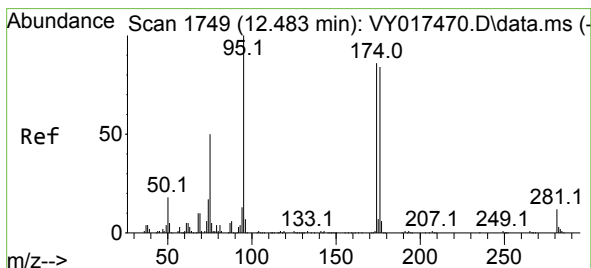
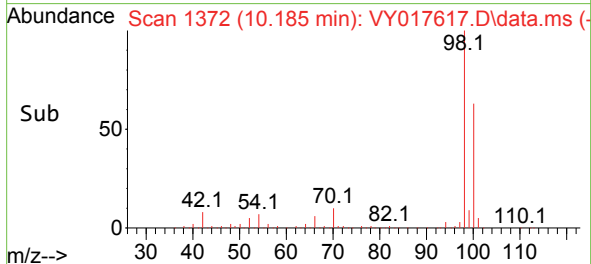
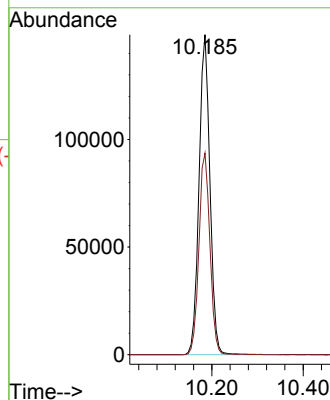
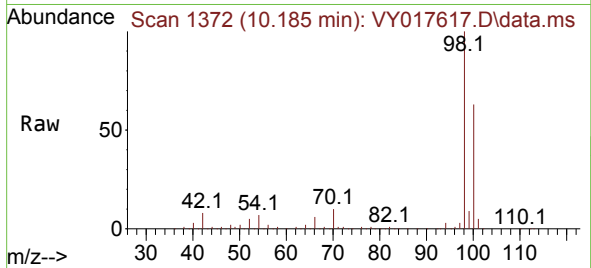




#50
Toluene-d8
Concen: 47.823 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

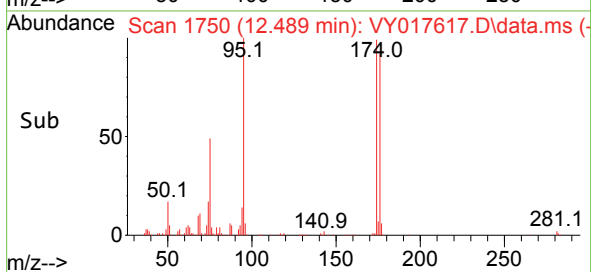
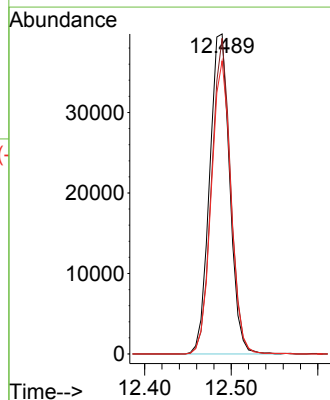
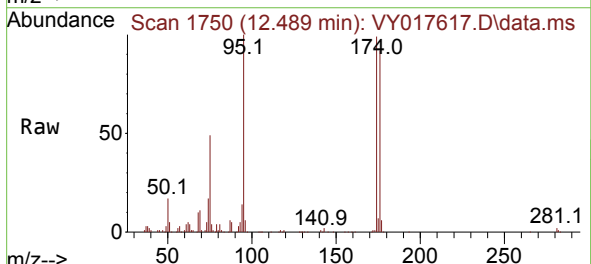
Instrument :
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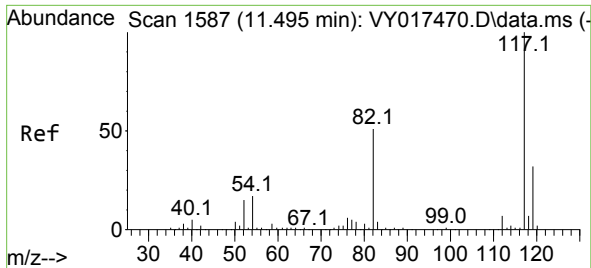
Tgt Ion: 98 Resp: 245275
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.719 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Tgt Ion: 95 Resp: 64021
Ion Ratio Lower Upper
95 100
174 93.8 0.0 175.6
176 89.7 0.0 171.4

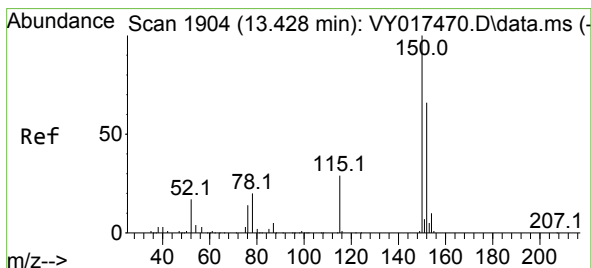
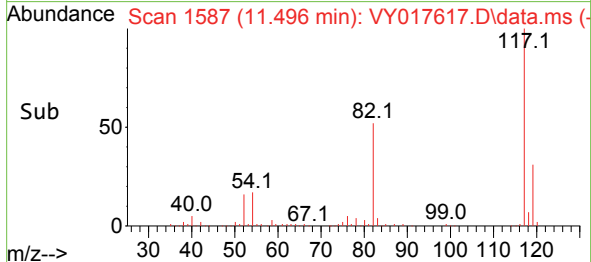
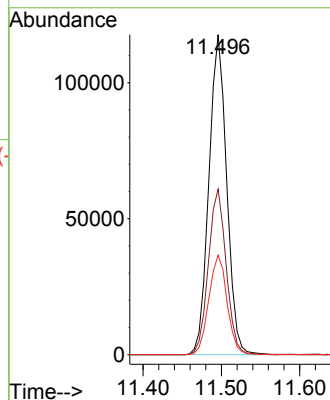
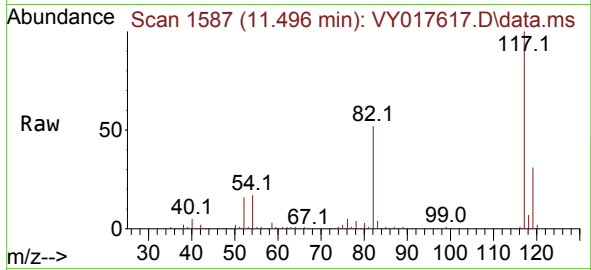




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 185403
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 31.1 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: VY017617.D
Acq: 08 Mar 2024 11:47

Tgt Ion:152 Resp: 70389
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 155.6 0.0 345.6

