

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018033.D
 Acq On : 24 Apr 2024 12:27
 Operator : SY/MD
 Sample : P2245-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 YARD-3

Quant Time: Apr 25 01:33:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	22477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	20820	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7584	38.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.980%
35) Dibromofluoromethane	7.716	113	9629	52.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.185	98	30727	44.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.260%
62) 4-Bromofluorobenzene	12.483	95	5284	24.504	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.000%

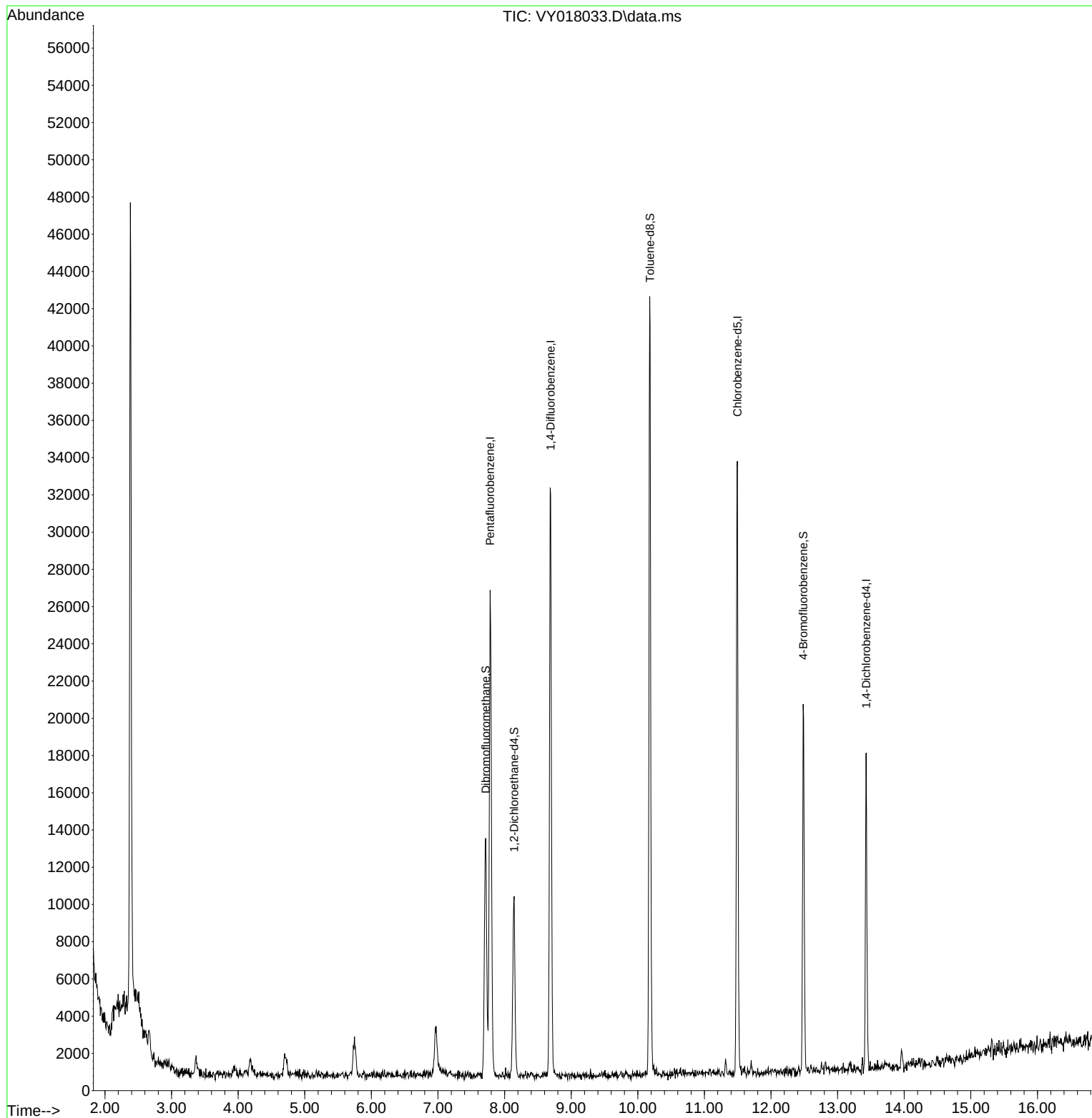
Target Compounds	Qvalue

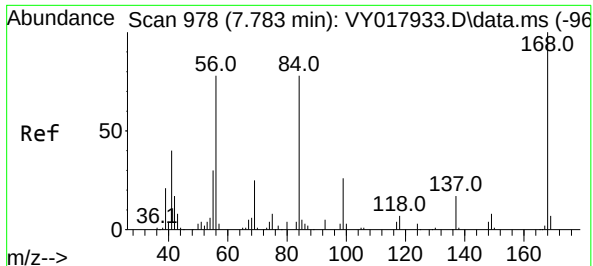
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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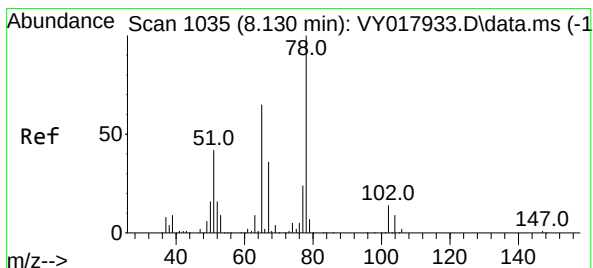
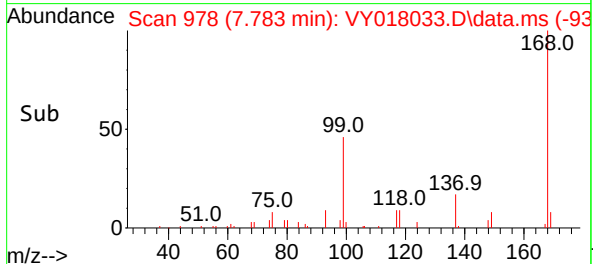
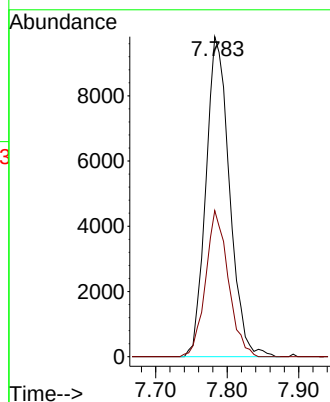
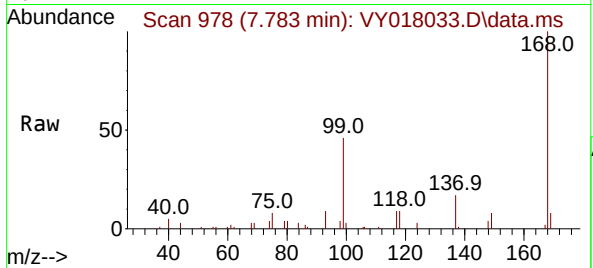




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018033.D
Acq: 24 Apr 2024 12:27

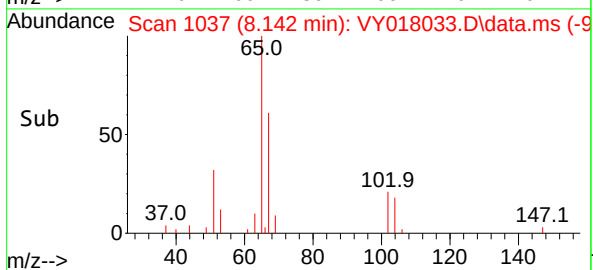
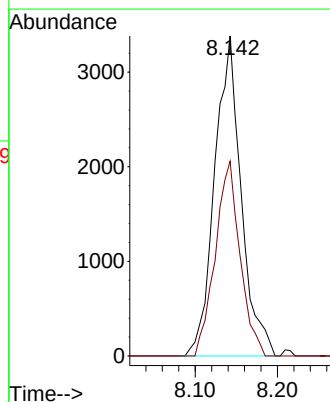
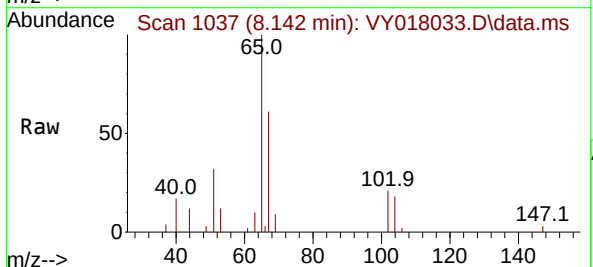
Instrument :
MSVOA_Y
ClientSampleId :
YARD-3

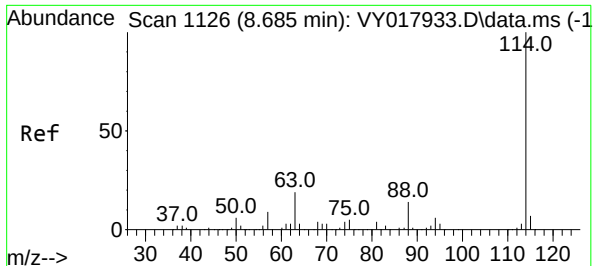
Tgt Ion:168 Resp: 22477
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 38.990 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY018033.D
Acq: 24 Apr 2024 12:27

Tgt Ion: 65 Resp: 7584
Ion Ratio Lower Upper
65 100
67 56.8 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: VY018033.D

Acq: 24 Apr 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

YARD-3

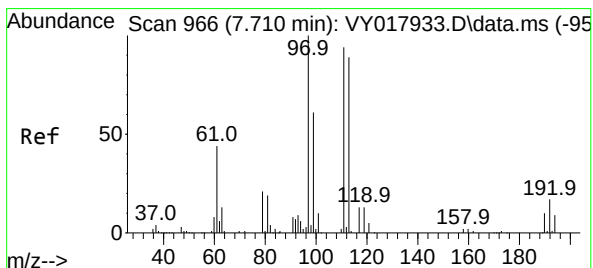
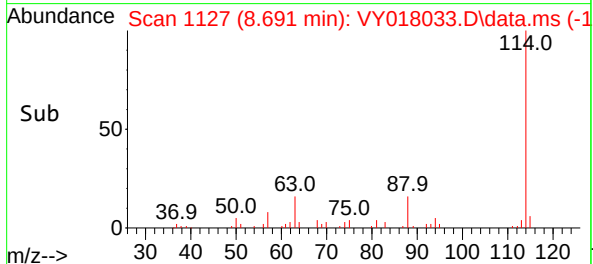
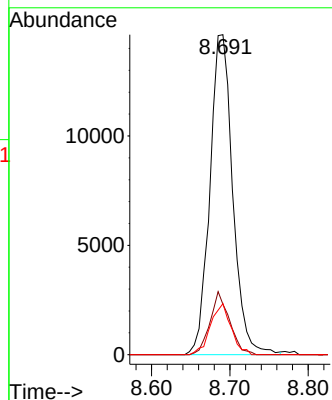
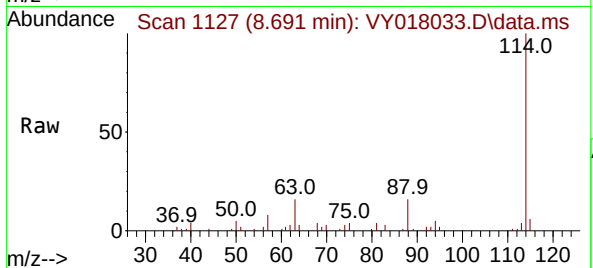
Tgt Ion:114 Resp: 29743

Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.475 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018033.D

Acq: 24 Apr 2024 12:27

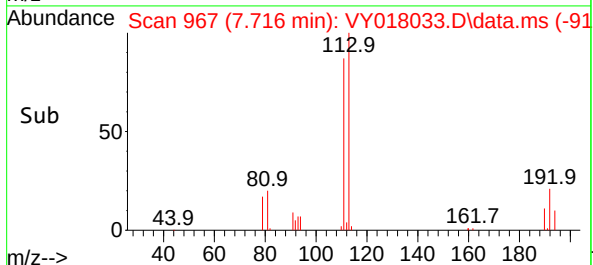
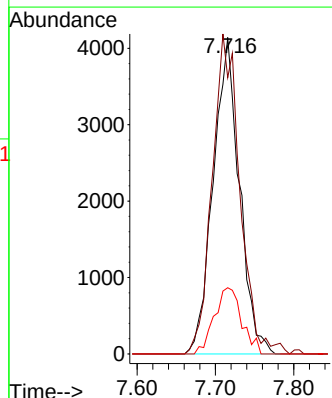
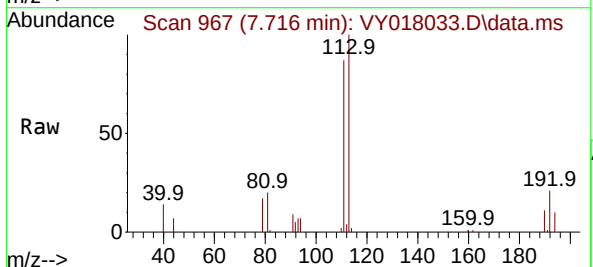
Tgt Ion:113 Resp: 9629

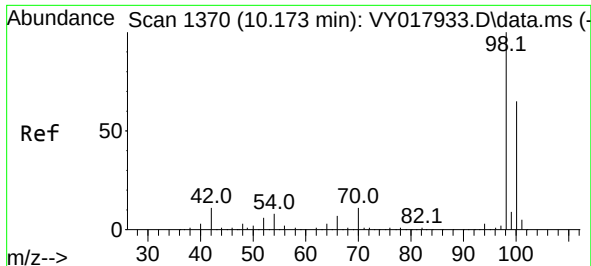
Ion Ratio Lower Upper

113 100

111 106.5 82.2 123.4

192 21.9 15.9 23.9

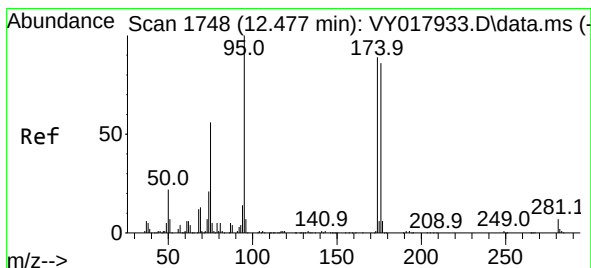
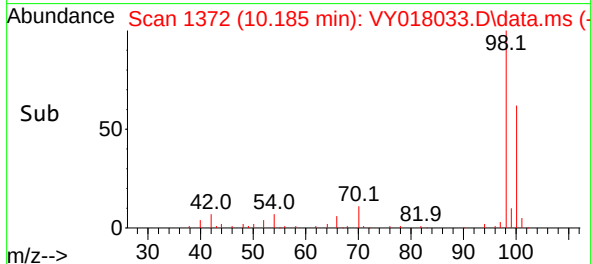
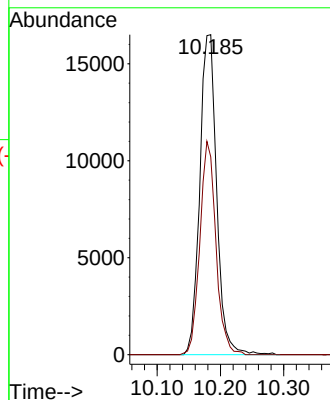
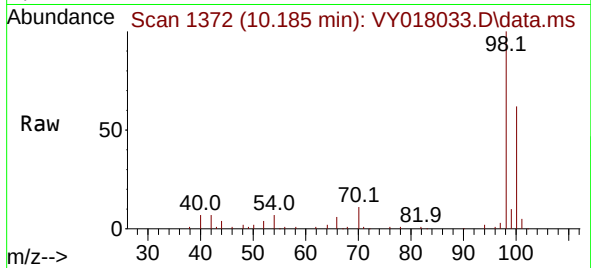




#50
Toluene-d8
Concen: 44.130 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018033.D
Acq: 24 Apr 2024 12:27

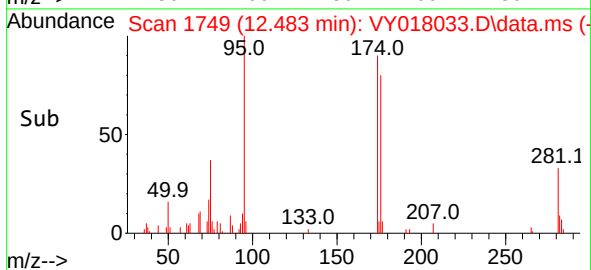
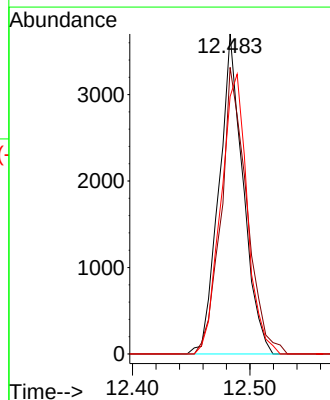
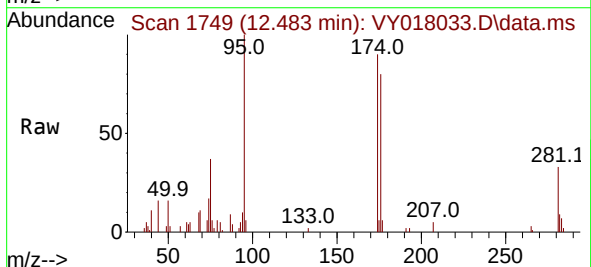
Instrument :
MSVOA_Y
ClientSampleId :
YARD-3

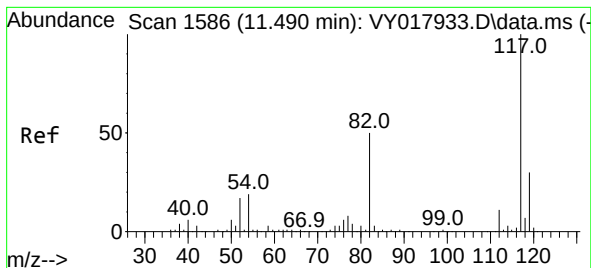
Tgt Ion: 98 Resp: 30727
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 24.504 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018033.D
Acq: 24 Apr 2024 12:27

Tgt Ion: 95 Resp: 5284
Ion Ratio Lower Upper
95 100
174 95.2 0.0 175.6
176 95.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018033.D

Acq: 24 Apr 2024 12:27

Instrument :

MSVOA_Y

ClientSampleId :

YARD-3

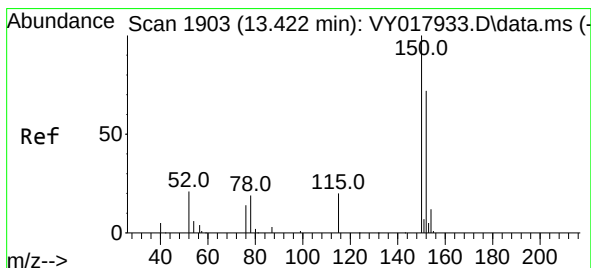
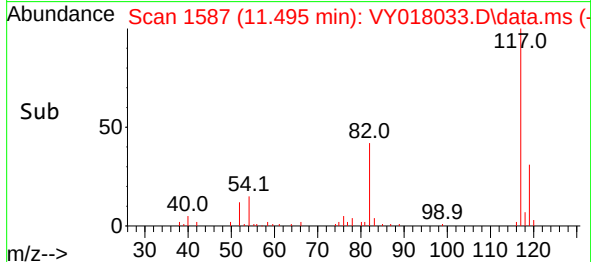
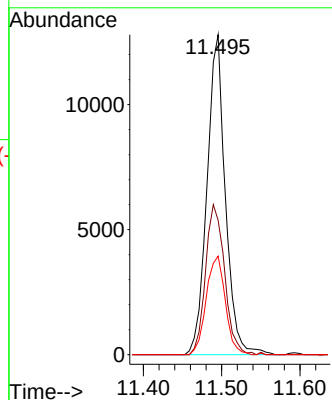
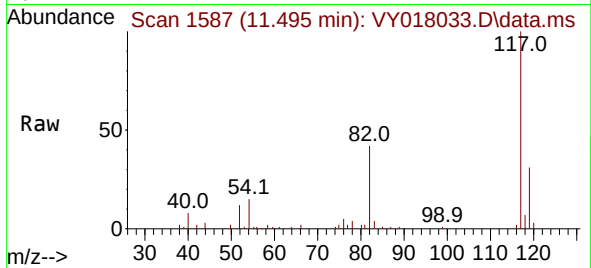
Tgt Ion:117 Resp: 20820

Ion Ratio Lower Upper

117 100

82 42.0 42.4 63.6#

119 30.8 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: VY018033.D

Acq: 24 Apr 2024 12:27

Tgt Ion:152 Resp: 4802

Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 156.2 0.0 345.6

