

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017554.D
 Acq On : 01 Mar 2024 16:37
 Operator : SY/MD
 Sample : P1620-31
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-4

Quant Time: Mar 02 00:20:47 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	7.795	168	2848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	3167	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1330	49.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.560%
35) Dibromofluoromethane	7.722	113	1497	53.215	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.440%
50) Toluene-d8	10.185	98	4665	47.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.495	95	840	27.175	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.340%

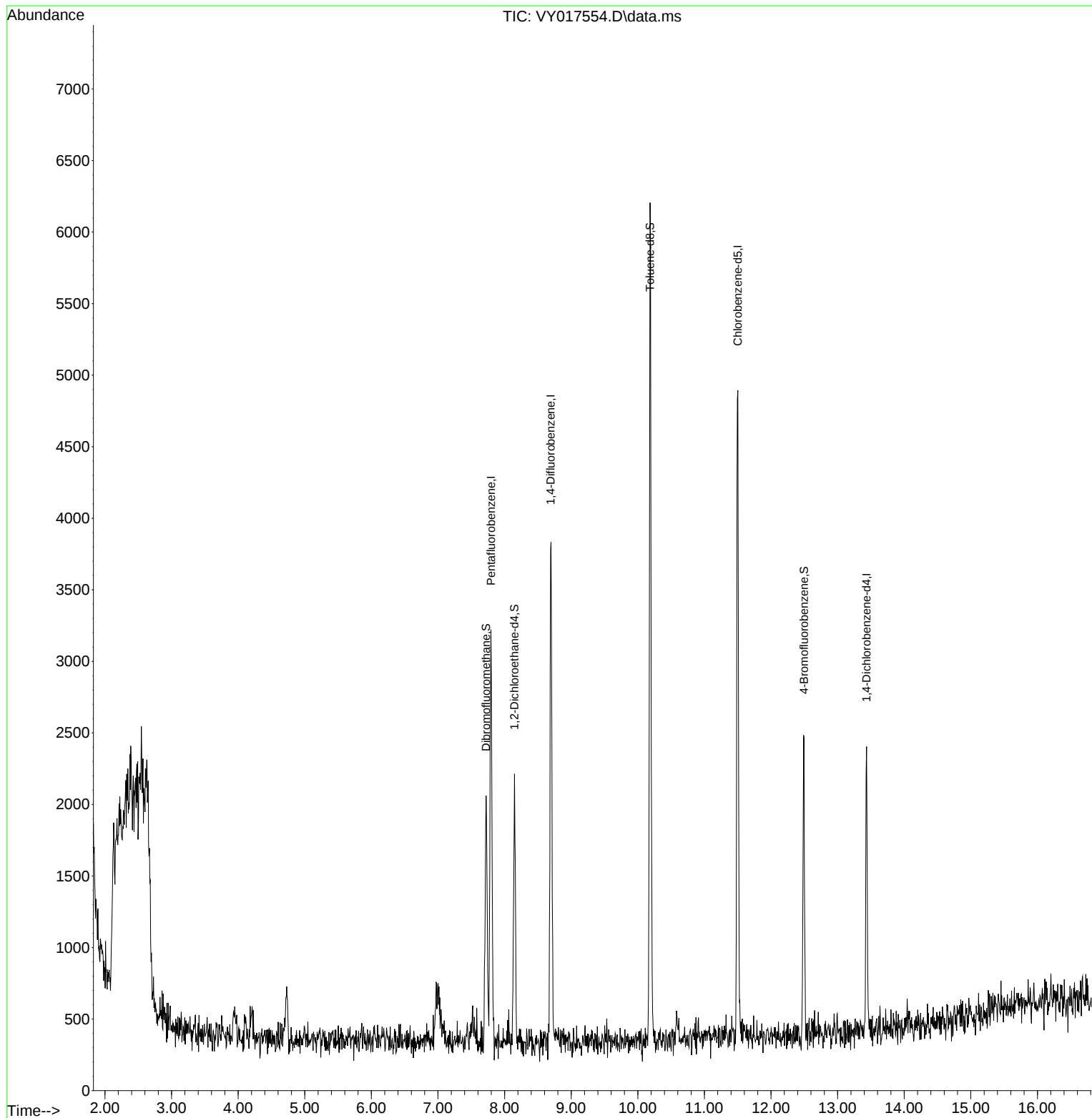
Target Compounds	Qvalue

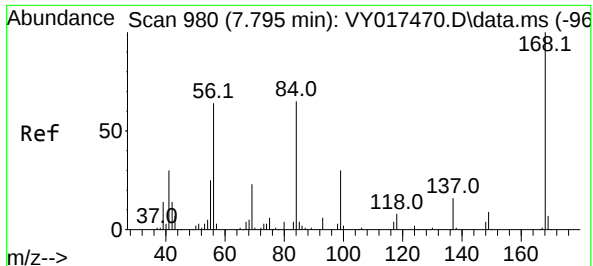
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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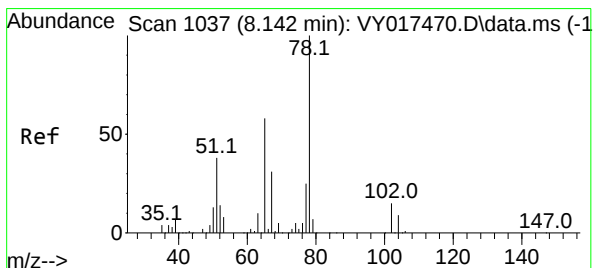
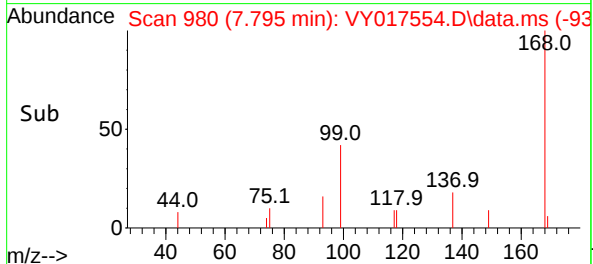
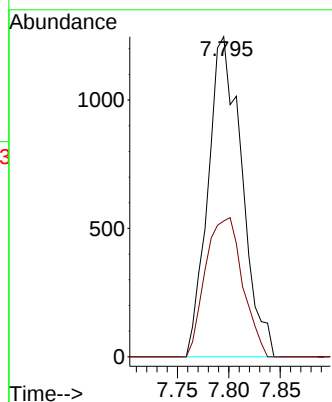
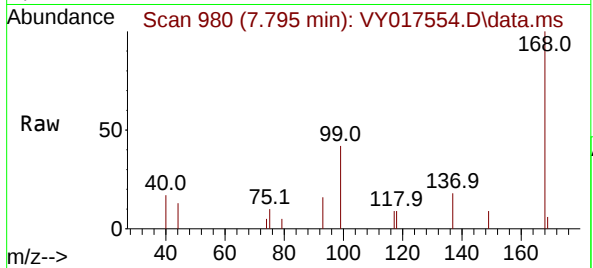




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017554.D
Acq: 01 Mar 2024 16:37

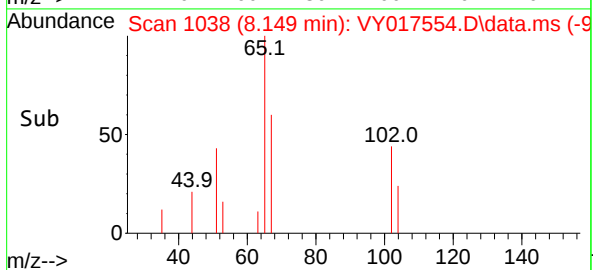
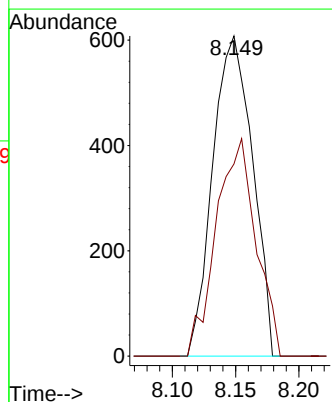
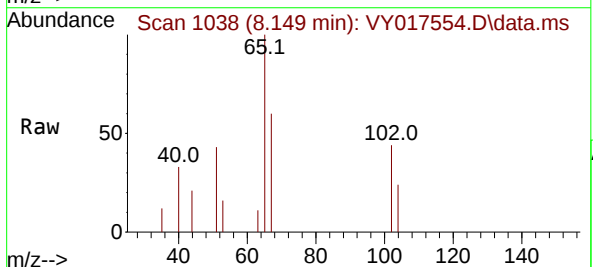
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

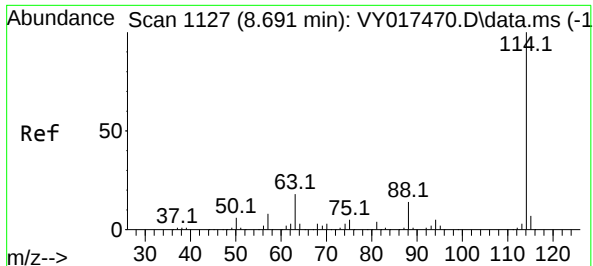
Tgt Ion:168 Resp: 2848
Ion Ratio Lower Upper
168 100
99 42.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.275 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017554.D
Acq: 01 Mar 2024 16:37

Tgt Ion: 65 Resp: 1330
Ion Ratio Lower Upper
65 100
67 68.0 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: VY017554.D

Acq: 01 Mar 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

SP-4

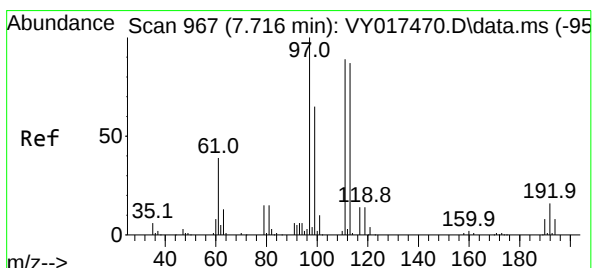
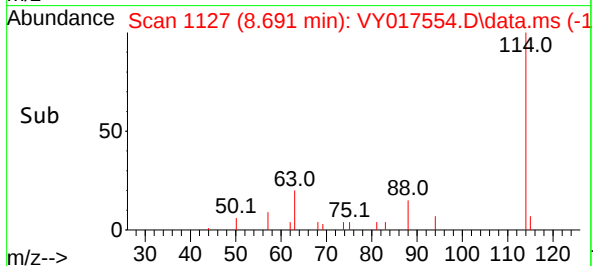
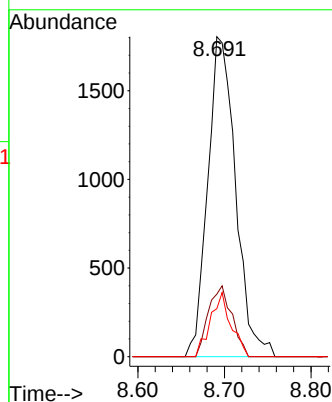
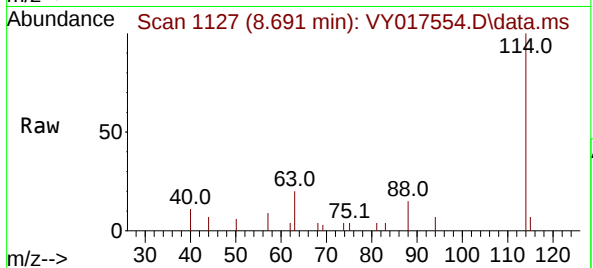
Tgt Ion:114 Resp: 4037

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.215 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017554.D

Acq: 01 Mar 2024 16:37

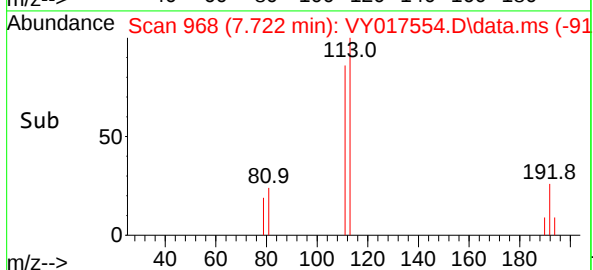
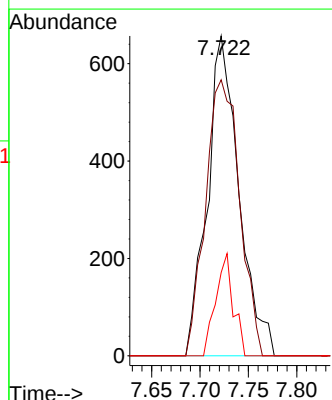
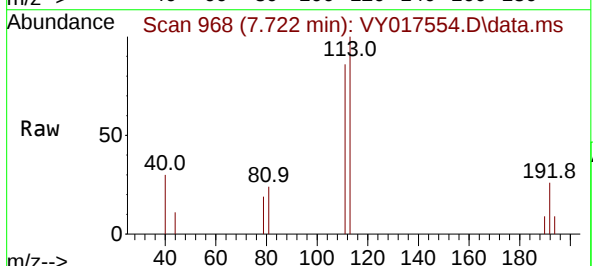
Tgt Ion:113 Resp: 1497

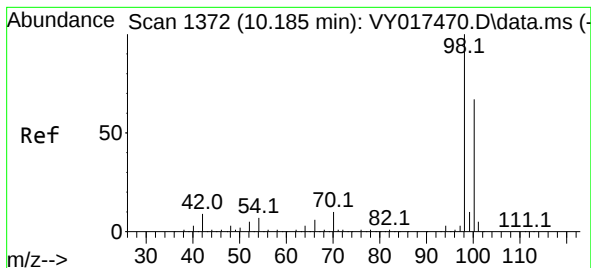
Ion Ratio Lower Upper

113 100

111 92.9 82.2 123.4

192 17.6 15.9 23.9





#50

Toluene-d8

Concen: 47.429 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017554.D

Acq: 01 Mar 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

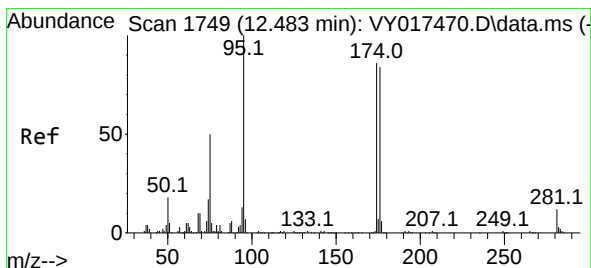
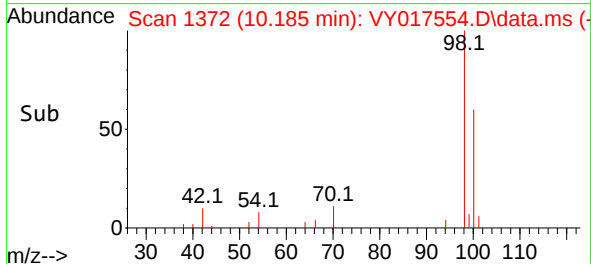
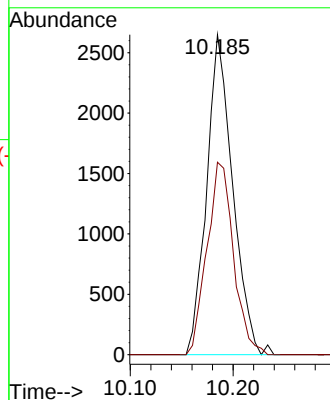
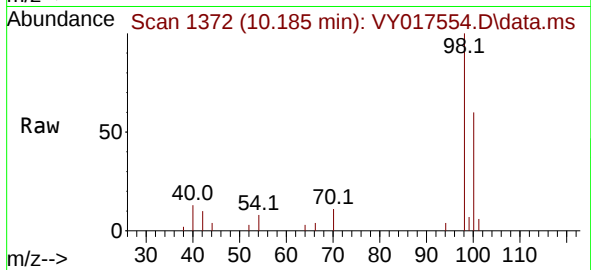
SP-4

Tgt Ion: 98 Resp: 4665

Ion Ratio Lower Upper

98 100

100 61.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.175 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017554.D

Acq: 01 Mar 2024 16:37

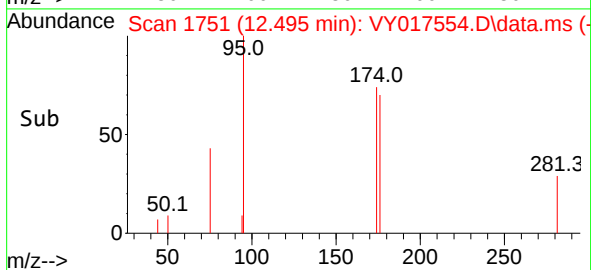
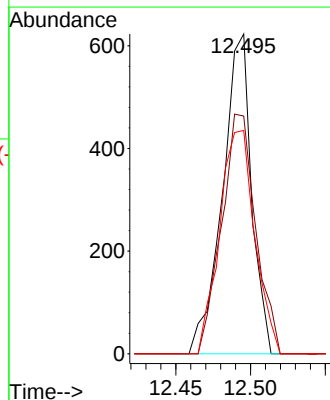
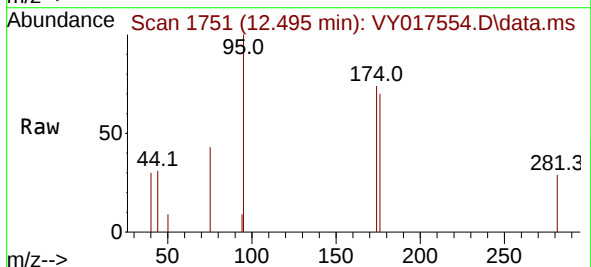
Tgt Ion: 95 Resp: 840

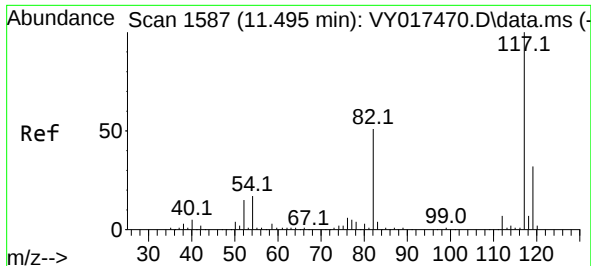
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.6

176 84.6 0.0 171.4

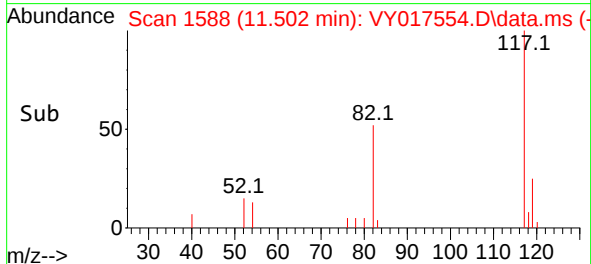
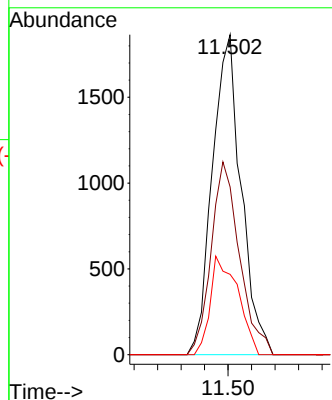
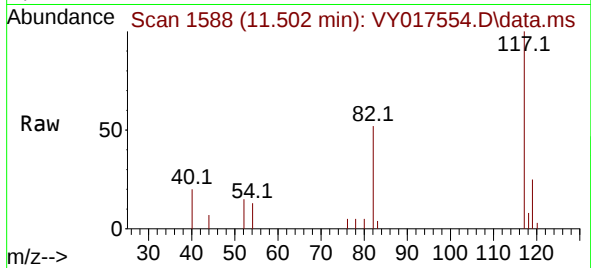




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017554.D
Acq: 01 Mar 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :
SP-4

Tgt Ion:117 Resp: 3167
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 25.1 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017554.D
Acq: 01 Mar 2024 16:37

Tgt Ion:152 Resp: 683
Ion Ratio Lower Upper
152 100
115 64.4 28.2 84.7
150 163.0 0.0 345.6

