

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017035.D
 Acq On : 18 Jan 2024 13:23
 Operator : SY/MD
 Sample : P1161-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-011724

Quant Time: Jan 19 02:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	58819	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	114703	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	102724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	34666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	24308	41.813	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.620%
35) Dibromofluoromethane	7.752	113	27972	38.269	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.540%
50) Toluene-d8	10.203	98	99852	39.672	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.340%
62) 4-Bromofluorobenzene	12.501	95	28136	33.133	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.260%

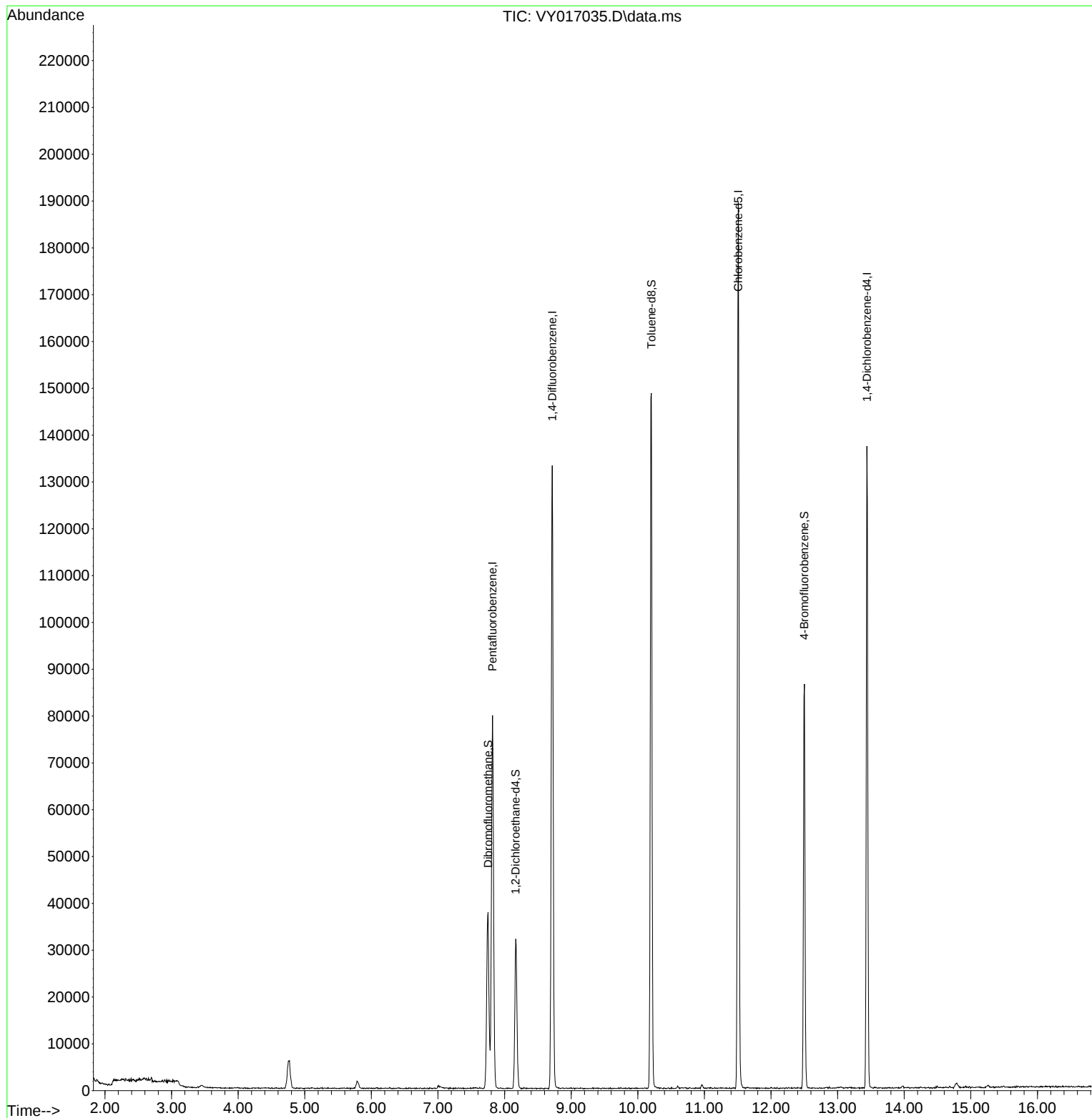
Target Compounds	Qvalue

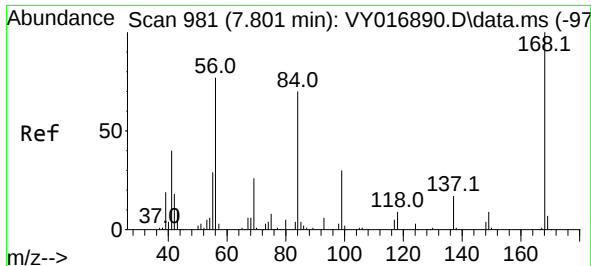
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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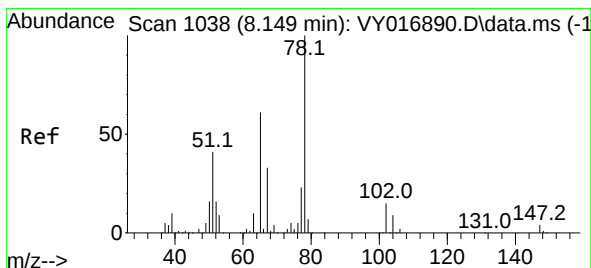
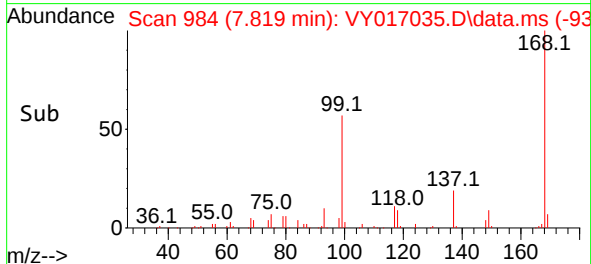
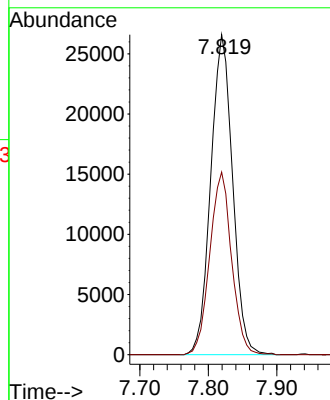
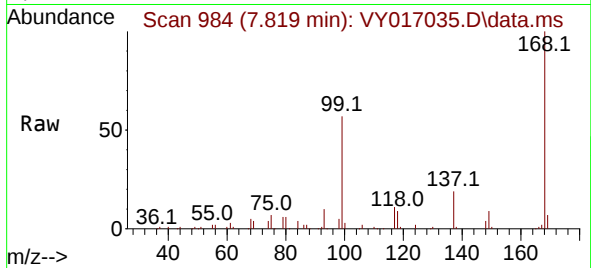




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

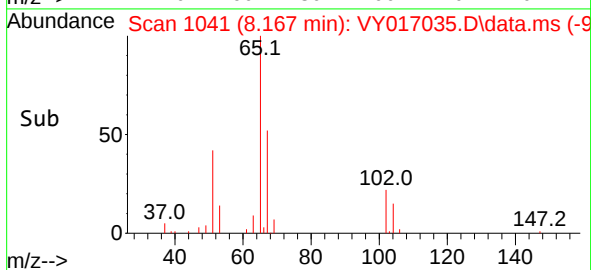
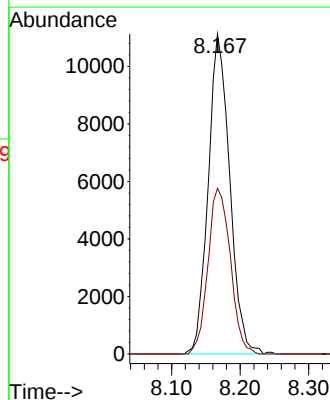
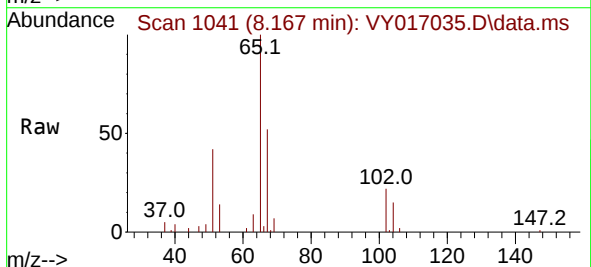
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-011724

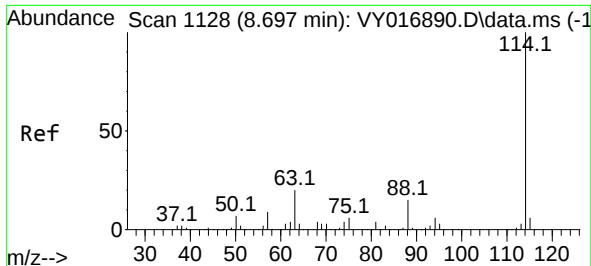
Tgt Ion:168 Resp: 58819
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 41.813 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Tgt Ion: 65 Resp: 24308
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017035.D

Acq: 18 Jan 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-011724

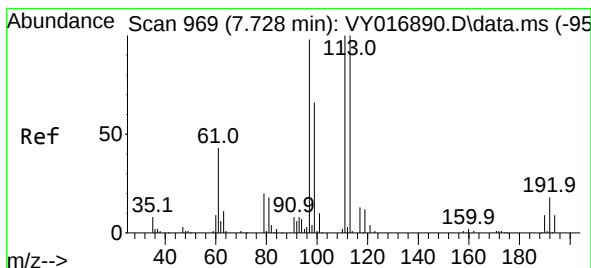
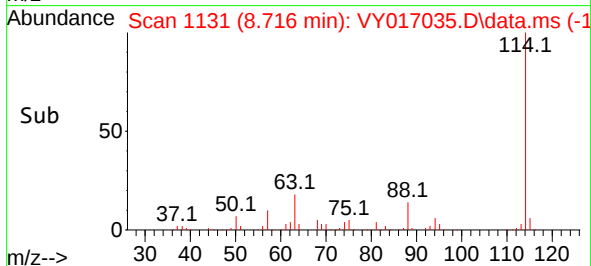
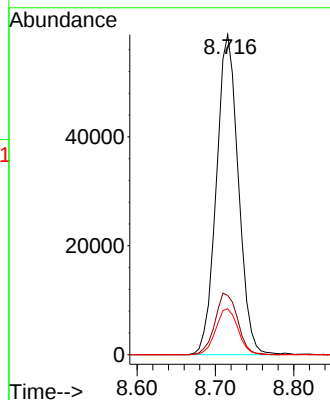
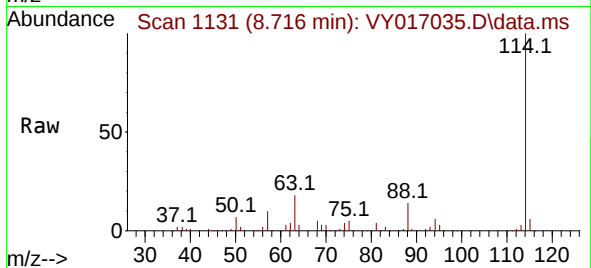
Tgt Ion:114 Resp: 114703

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.269 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017035.D

Acq: 18 Jan 2024 13:23

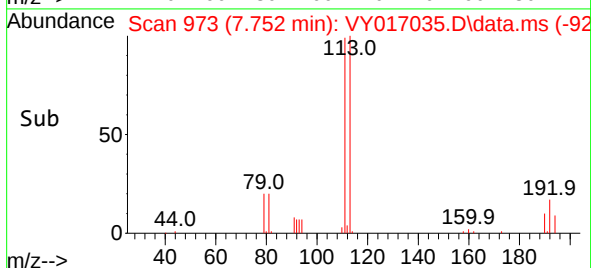
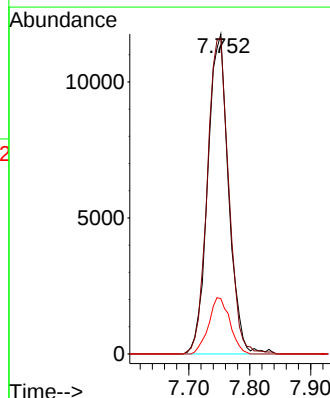
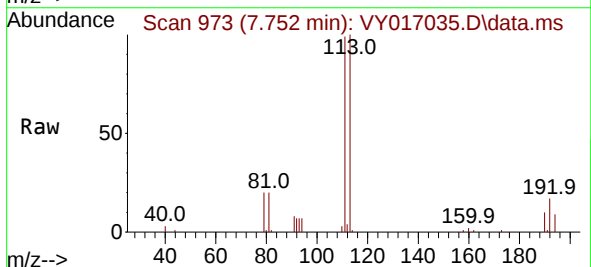
Tgt Ion:113 Resp: 27972

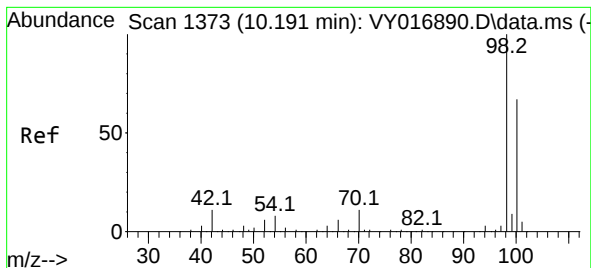
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.9 14.5 21.7





#50

Toluene-d8

Concen: 39.672 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017035.D

Acq: 18 Jan 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

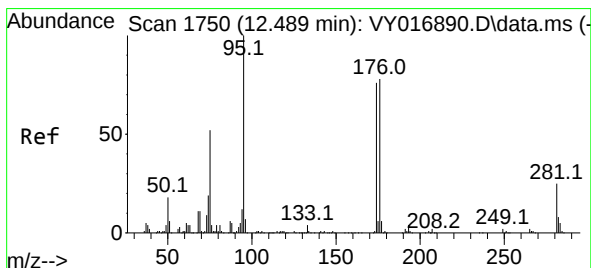
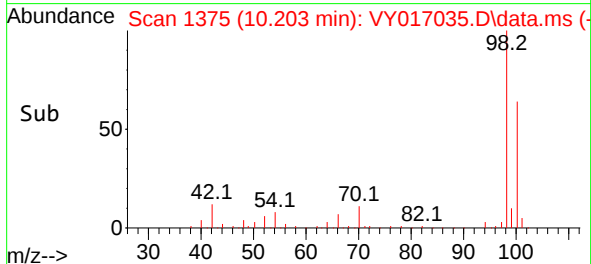
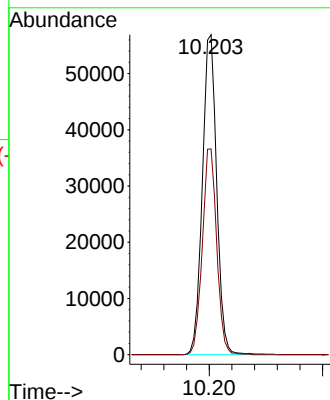
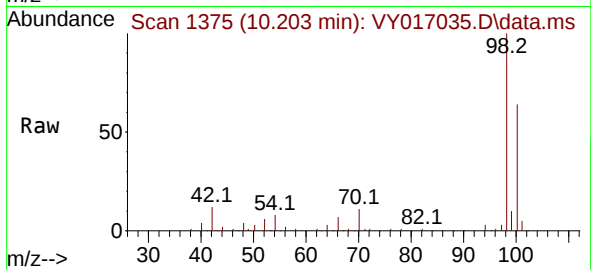
SU-02-011724

Tgt Ion: 98 Resp: 99852

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 33.133 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017035.D

Acq: 18 Jan 2024 13:23

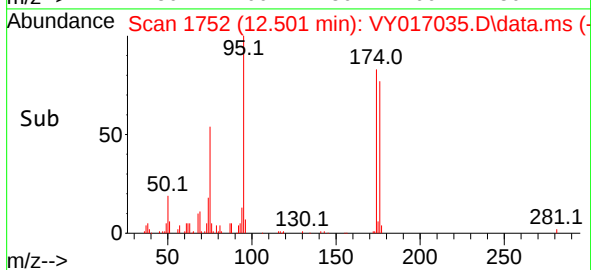
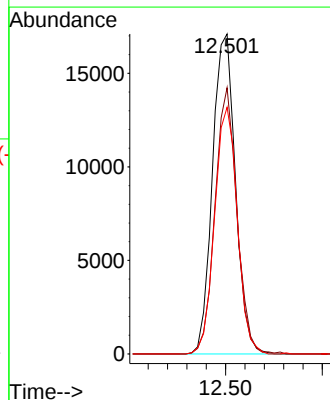
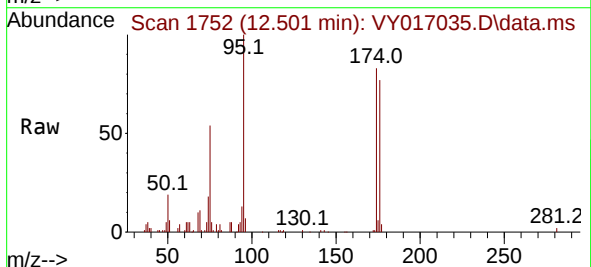
Tgt Ion: 95 Resp: 28136

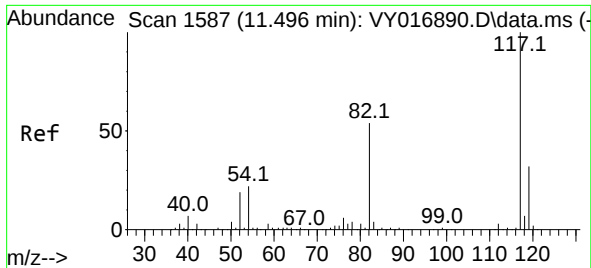
Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.0

176 76.3 0.0 151.8

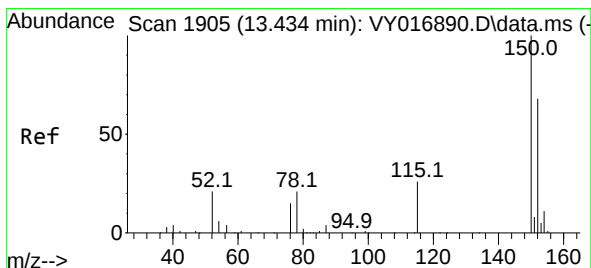
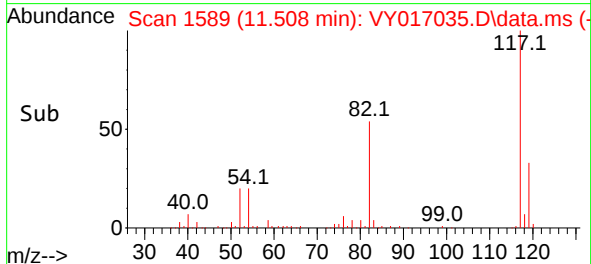
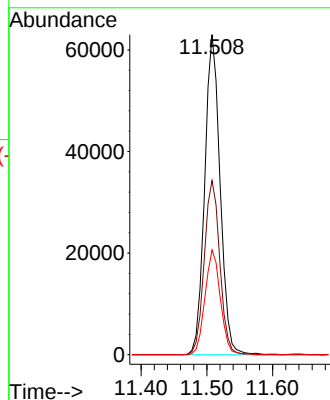
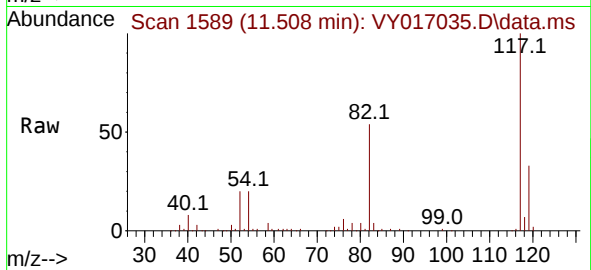




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-011724

Tgt Ion:117 Resp: 102724
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Tgt Ion:152 Resp: 34666
Ion Ratio Lower Upper
152 100
115 57.8 30.0 90.0
150 160.9 0.0 344.6

