

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017033.D
 Acq On : 18 Jan 2024 12:36
 Operator : SY/MD
 Sample : P1156-05
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-9.0-9.5

Quant Time: Jan 19 02:26:58 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	7.826	168	110606	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	232488	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	215445	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	77094	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	48979	44.804	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.600%
35) Dibromofluoromethane	7.752	113	54698	36.921	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.840%
50) Toluene-d8	10.209	98	200830	39.366	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.740%
62) 4-Bromofluorobenzene	12.508	95	61798	35.904	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.800%

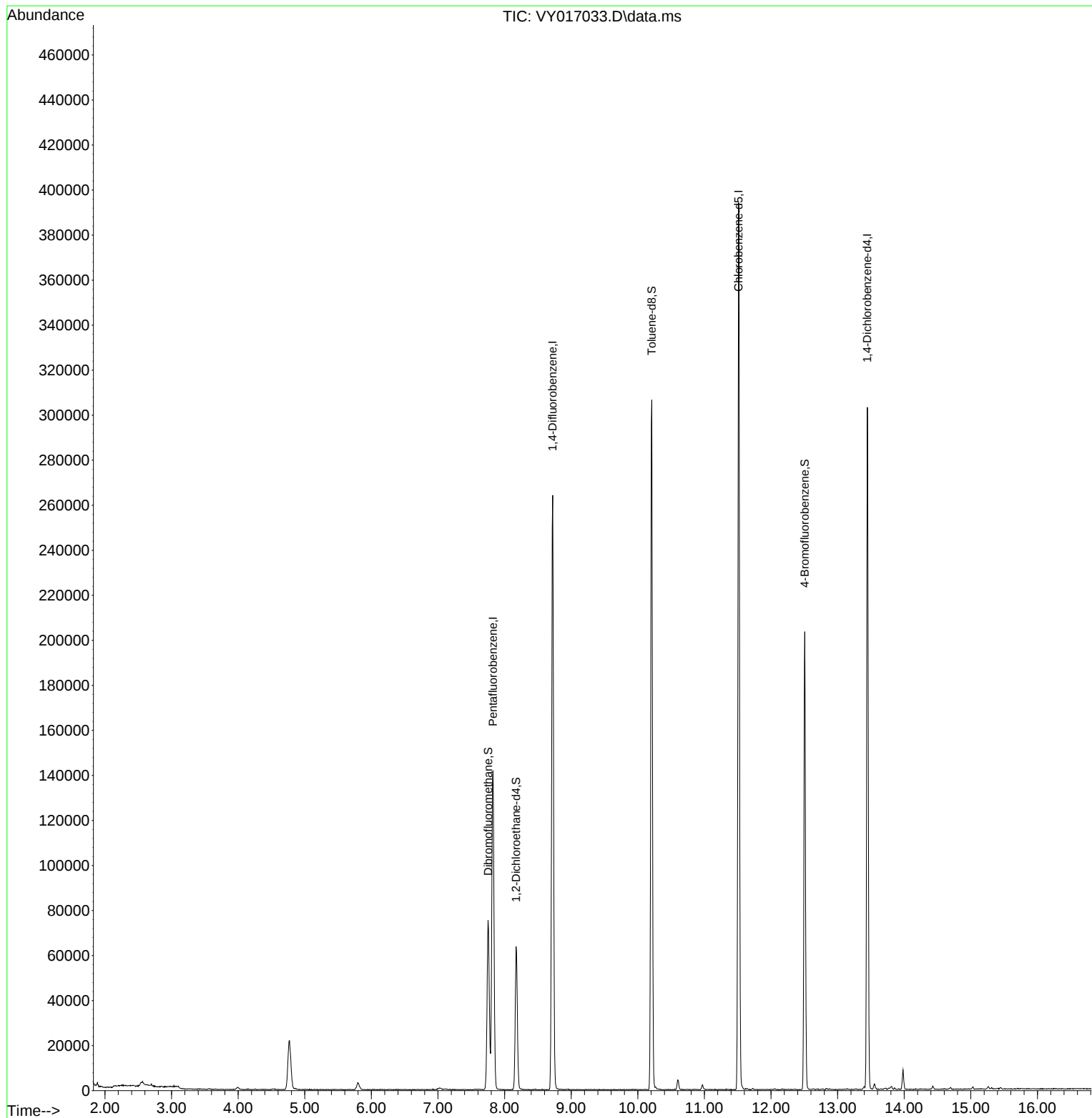
Target Compounds	Qvalue

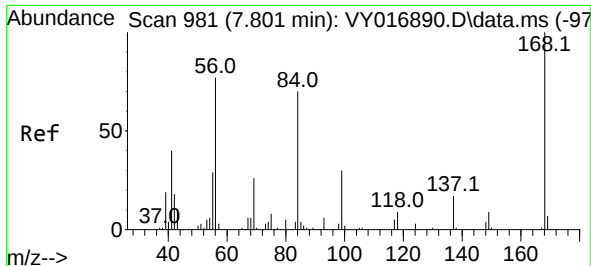
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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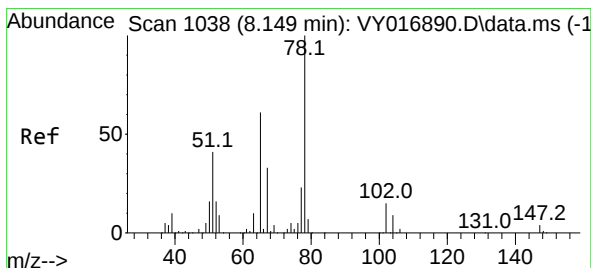
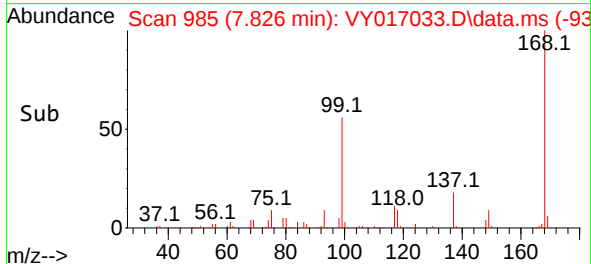
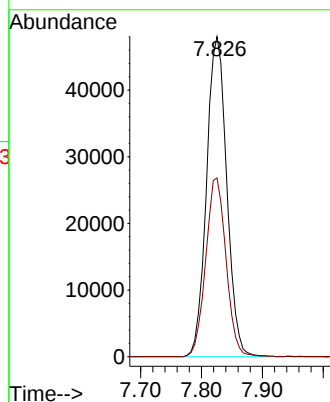
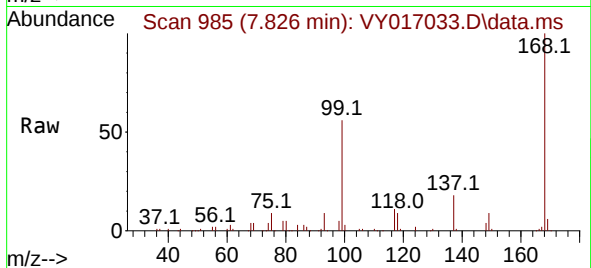




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017033.D
Acq: 18 Jan 2024 12:36

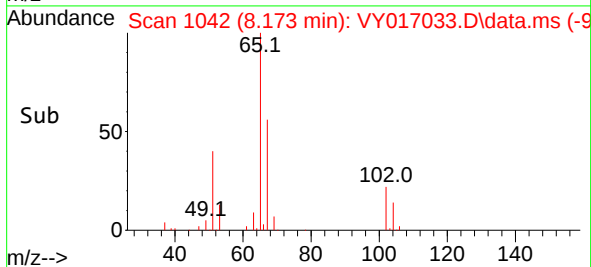
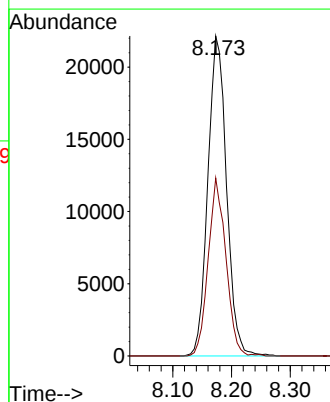
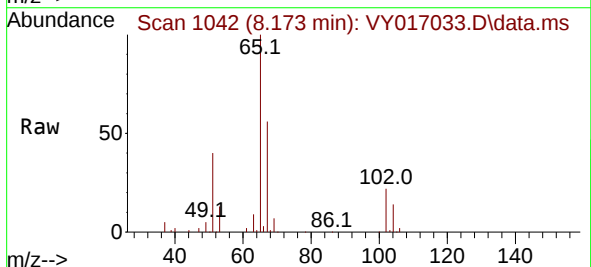
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9.0-9.5

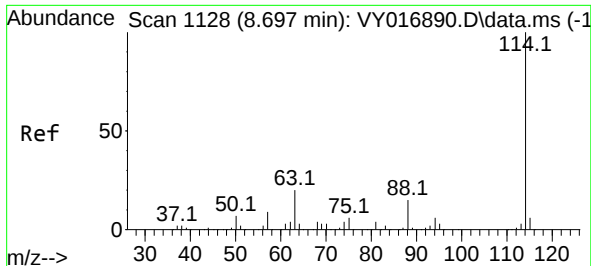
Tgt Ion:168 Resp: 110606
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 44.804 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017033.D
Acq: 18 Jan 2024 12:36

Tgt Ion: 65 Resp: 48979
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017033.D

Acq: 18 Jan 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-9.0-9.5

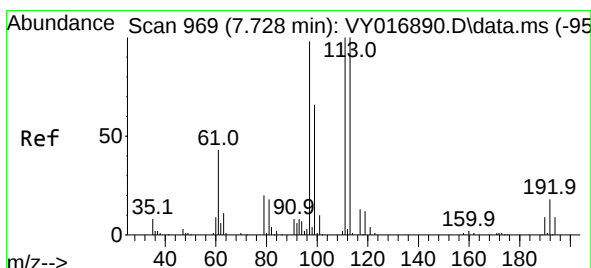
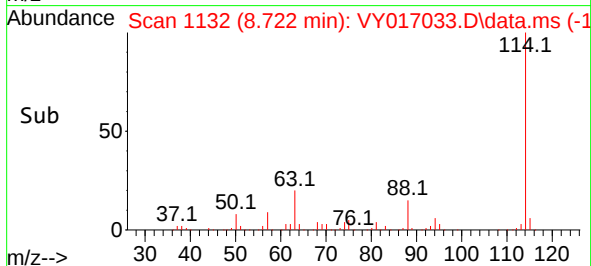
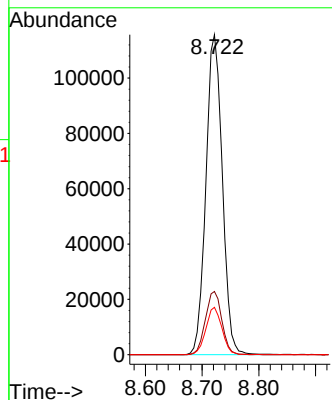
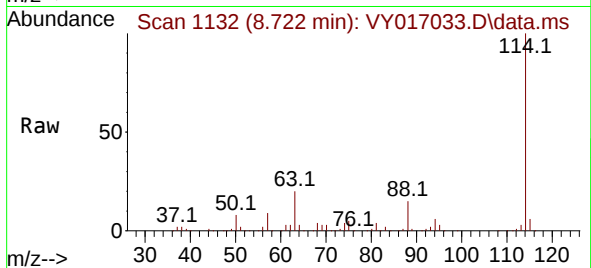
Tgt Ion:114 Resp: 232488

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.921 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017033.D

Acq: 18 Jan 2024 12:36

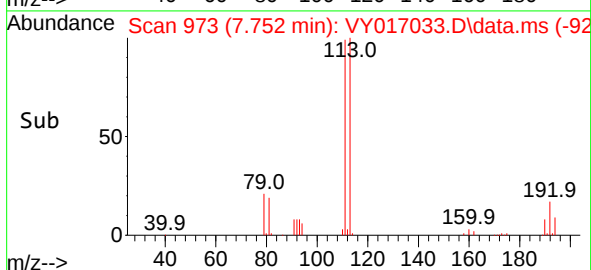
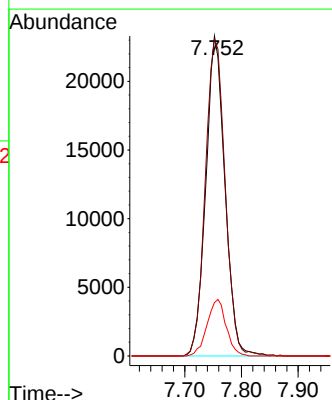
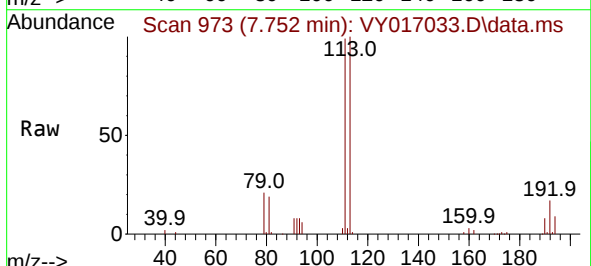
Tgt Ion:113 Resp: 54698

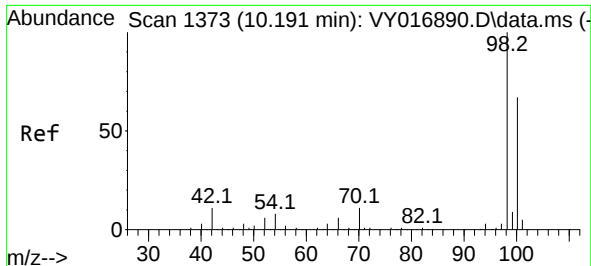
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.6 14.5 21.7

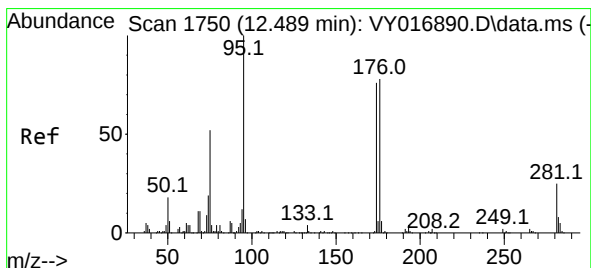
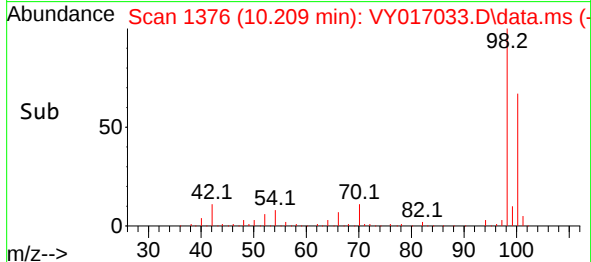
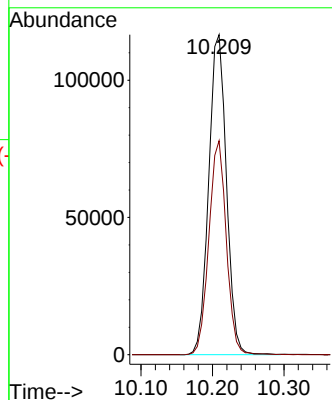
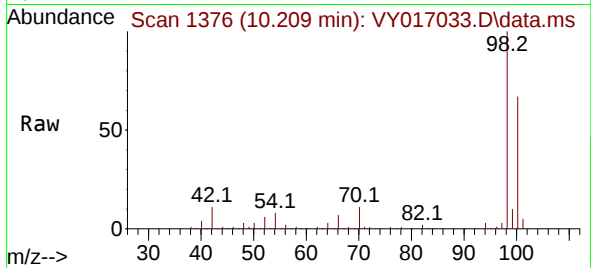




#50
Toluene-d8
Concen: 39.366 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017033.D
Acq: 18 Jan 2024 12:36

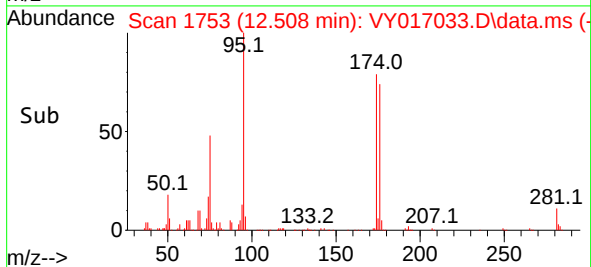
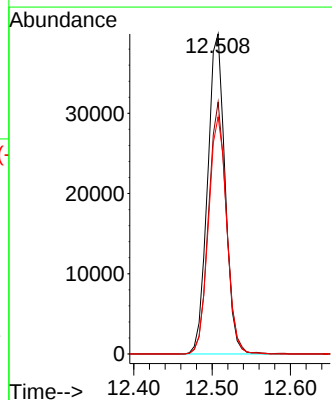
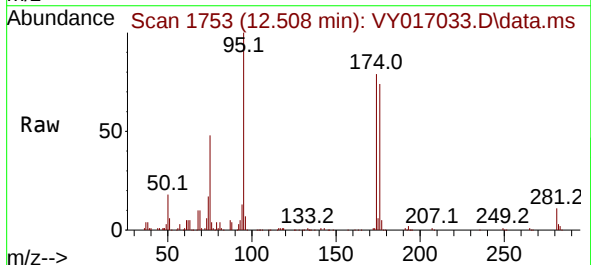
Instrument :
MSVOA_Y
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SB-8-9.0-9.5

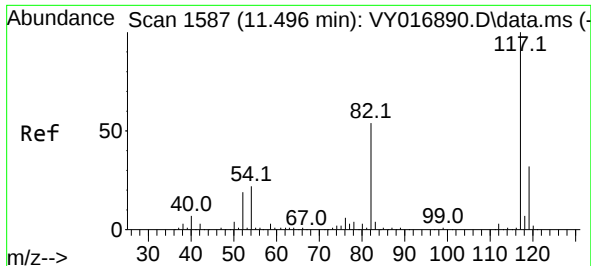
Tgt Ion: 98 Resp: 200830
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.904 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017033.D
Acq: 18 Jan 2024 12:36

Tgt Ion: 95 Resp: 61798
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.0
176 77.2 0.0 151.8

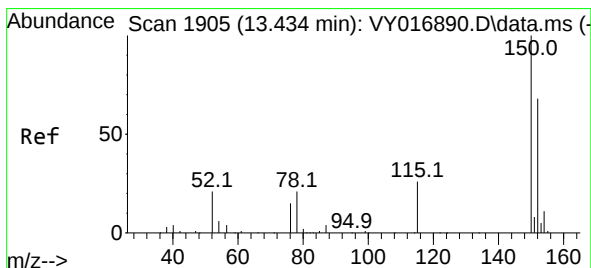
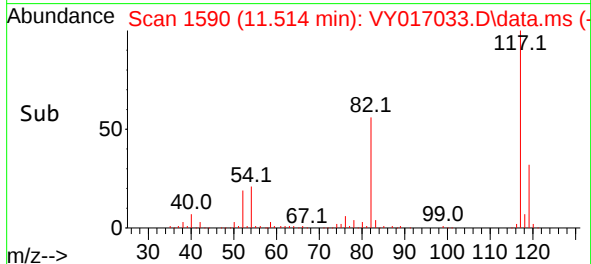
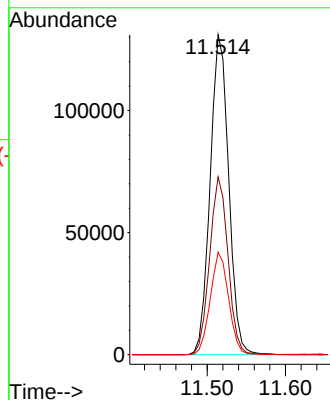
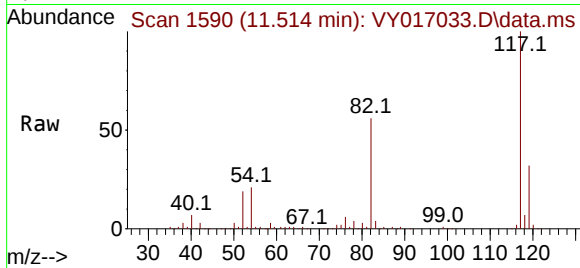




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017033.D
Acq: 18 Jan 2024 12:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9.0-9.5

Tgt Ion:117 Resp: 215445
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017033.D
Acq: 18 Jan 2024 12:36

Tgt Ion:152 Resp: 77094
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 159.4 0.0 344.6

