

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017782.D
 Acq On : 27 Mar 2024 15:35
 Operator : SY/MD
 Sample : P1876-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-032624

Quant Time: Mar 28 02:17:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	2644	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	3789	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	2897	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1532	66.510	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.020%
35) Dibromofluoromethane	7.722	113	781	34.483	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.960%
50) Toluene-d8	10.185	98	4183	48.256	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.483	95	611	23.474	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.940%

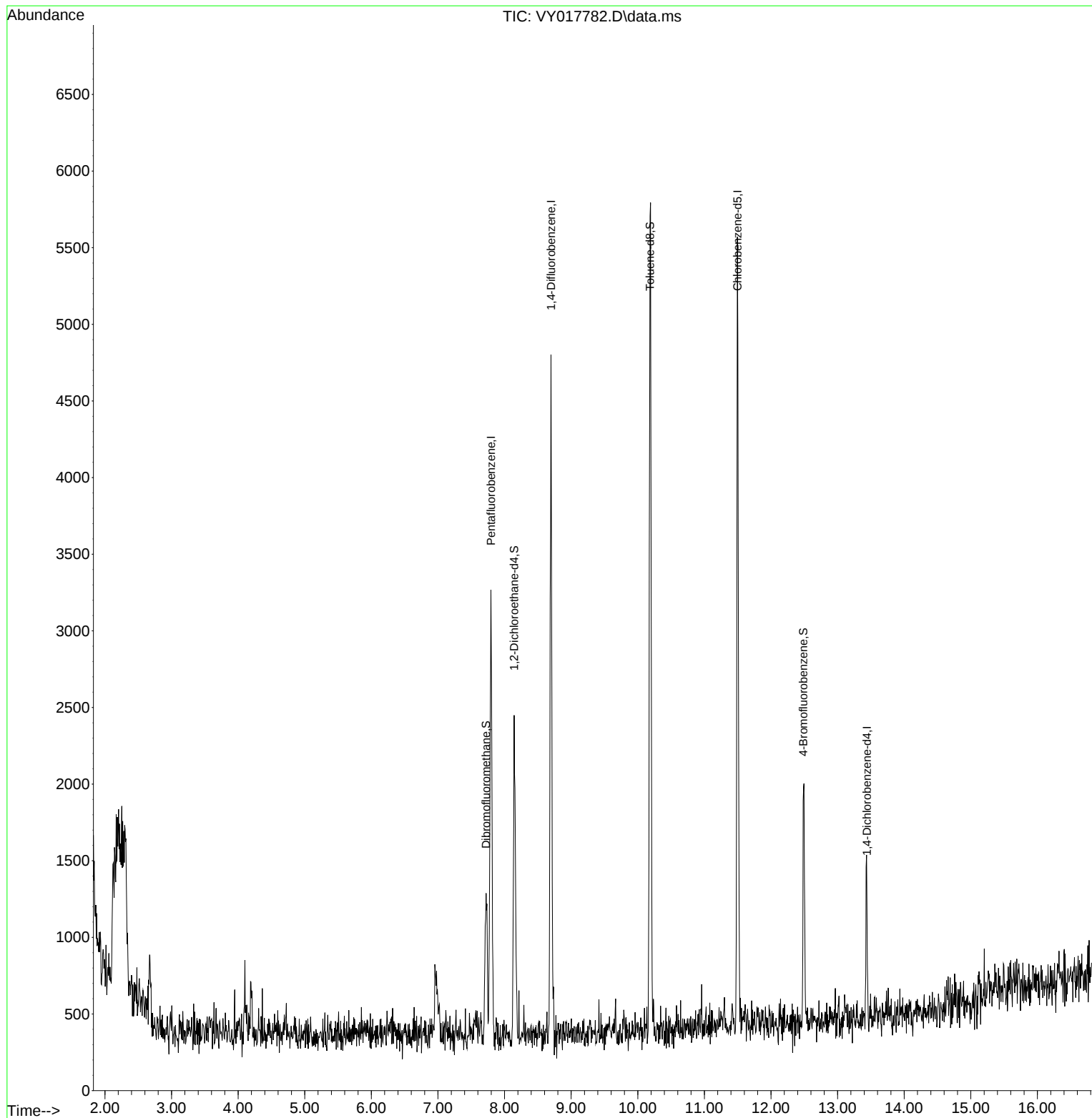
Target Compounds	Qvalue

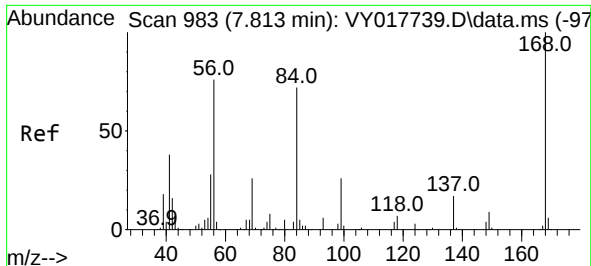
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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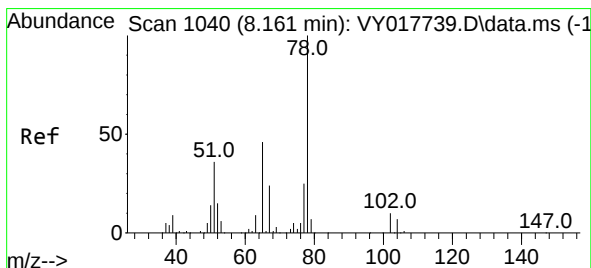
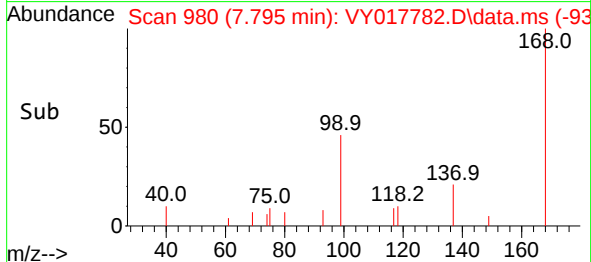
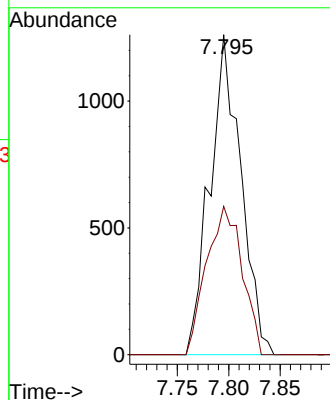
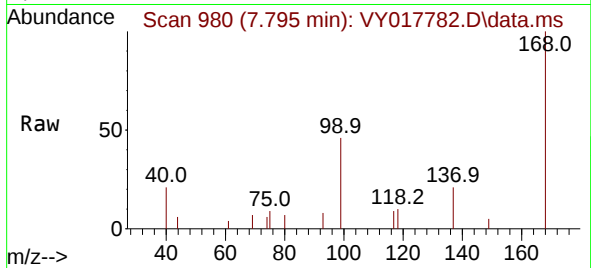




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

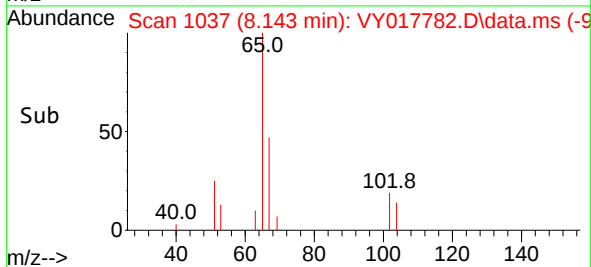
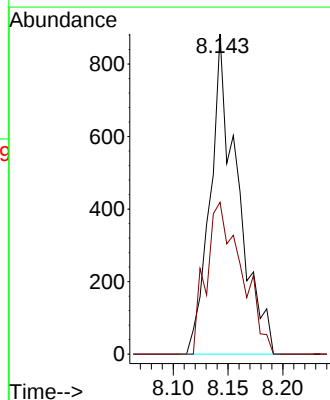
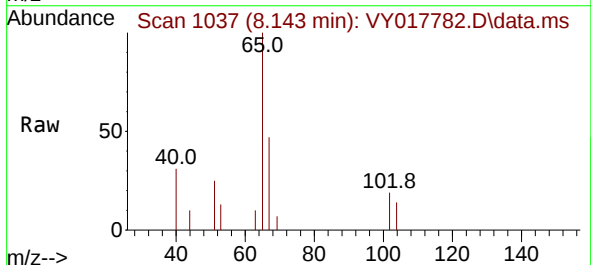
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-032624

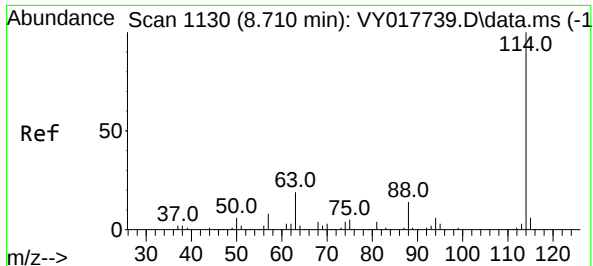
Tgt Ion:168 Resp: 2644
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.510 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.018 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Tgt Ion: 65 Resp: 1532
Ion Ratio Lower Upper
65 100
67 61.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017782.D

Acq: 27 Mar 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-032624

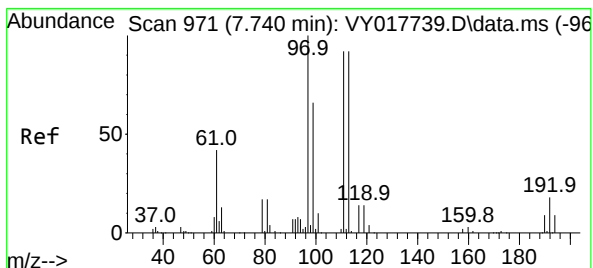
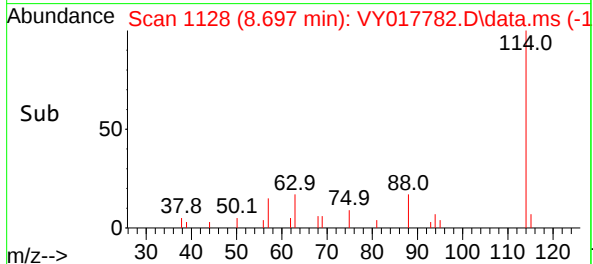
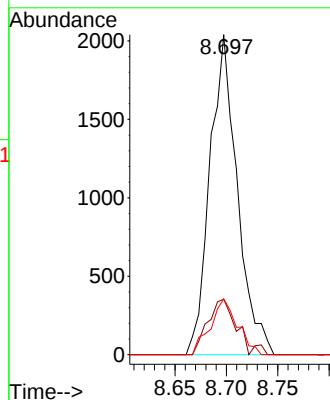
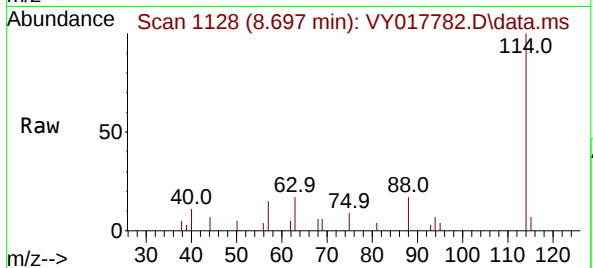
Tgt Ion:114 Resp: 3789

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 17.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.483 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017782.D

Acq: 27 Mar 2024 15:35

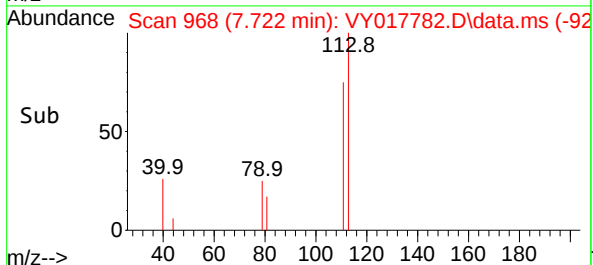
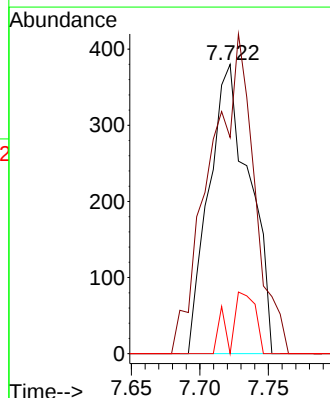
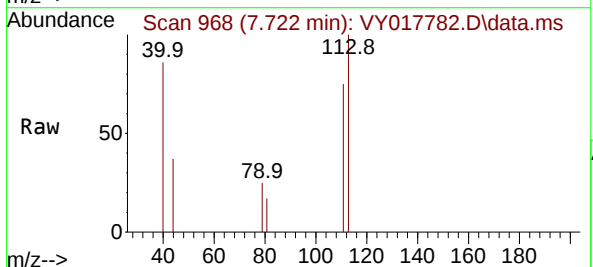
Tgt Ion:113 Resp: 781

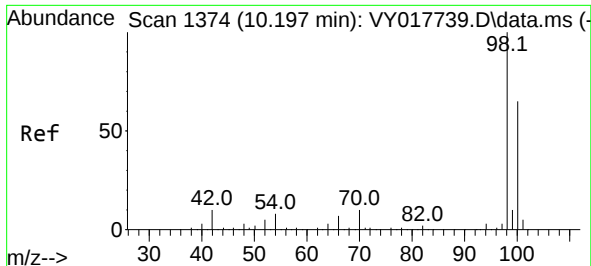
Ion Ratio Lower Upper

113 100

111 120.7 82.2 123.4

192 13.3 15.9 23.9#

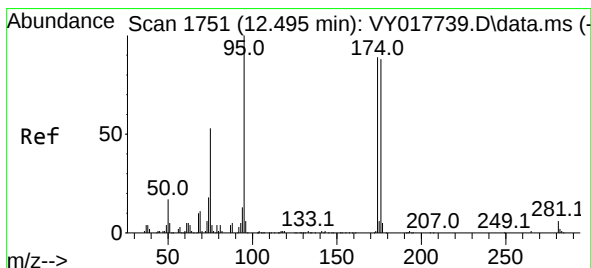
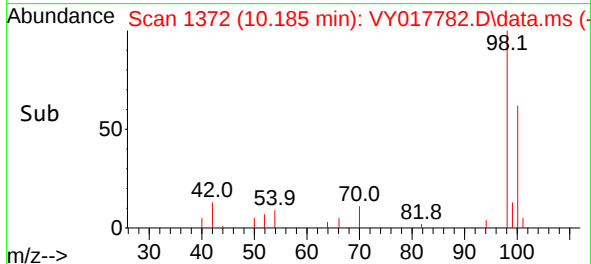
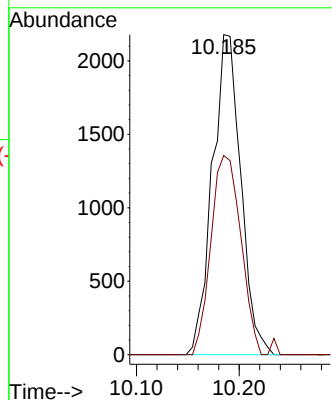
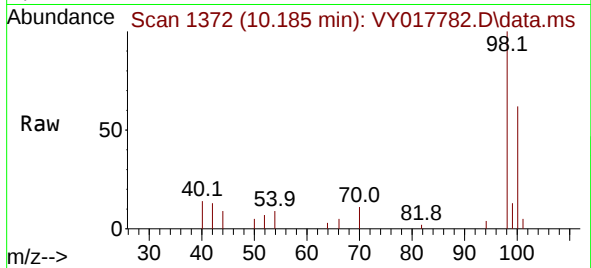




#50
Toluene-d8
Concen: 48.256 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

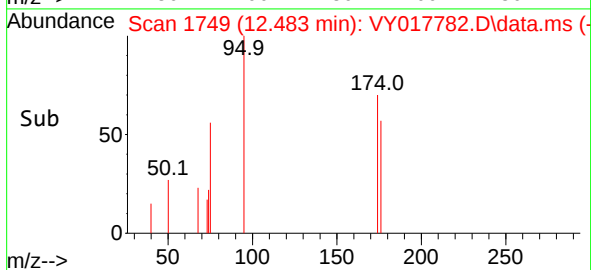
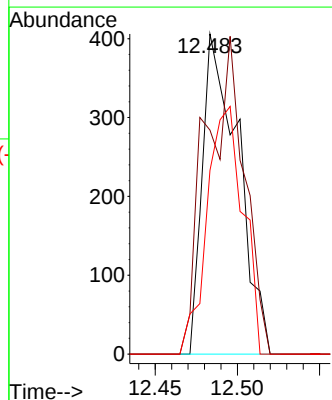
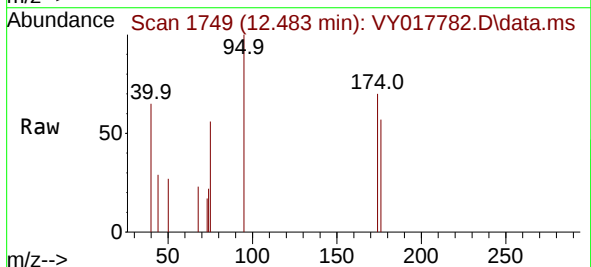
Instrument :
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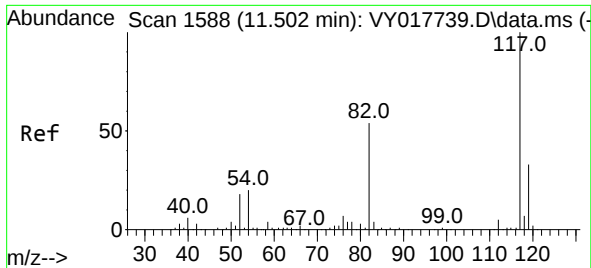
Tgt Ion: 98 Resp: 4183
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Tgt Ion: 95 Resp: 611
Ion Ratio Lower Upper
95 100
174 107.9 0.0 175.6
176 78.4 0.0 171.4

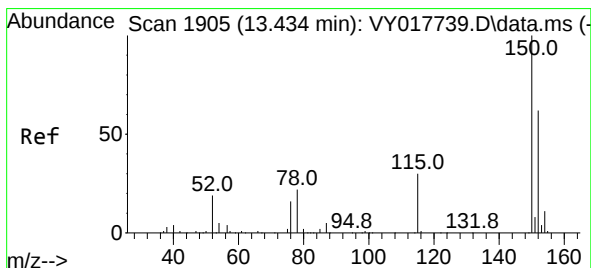
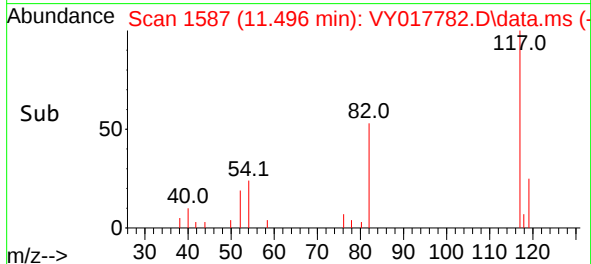
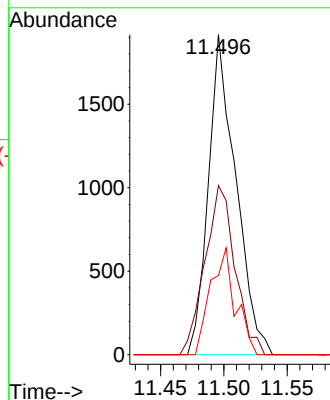
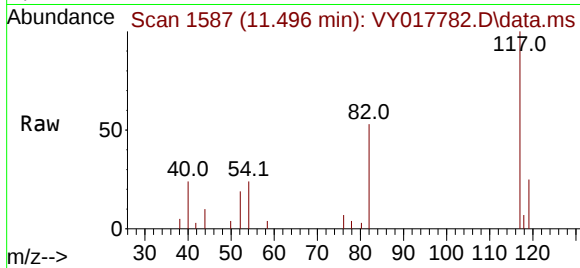




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-032624

Tgt Ion:117	Resp:	2897
Ion	Ratio	Lower Upper
117	100	
82	52.8	42.4 63.6
119	24.7	25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017782.D
Acq: 27 Mar 2024 15:35

Tgt Ion:152	Resp:	293
Ion	Ratio	Lower Upper
152	100	
115	62.5	28.2 84.7
150	214.7	0.0 345.6

