

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017923.D
 Acq On : 12 Apr 2024 14:07
 Operator : SY/MD
 Sample : P2091-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-041124

Quant Time: Apr 13 00:35:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	13438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4022	34.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.180%
35) Dibromofluoromethane	7.722	113	5028	62.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.380%
50) Toluene-d8	10.185	98	14424	47.762	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.483	95	3428	37.309	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.620%

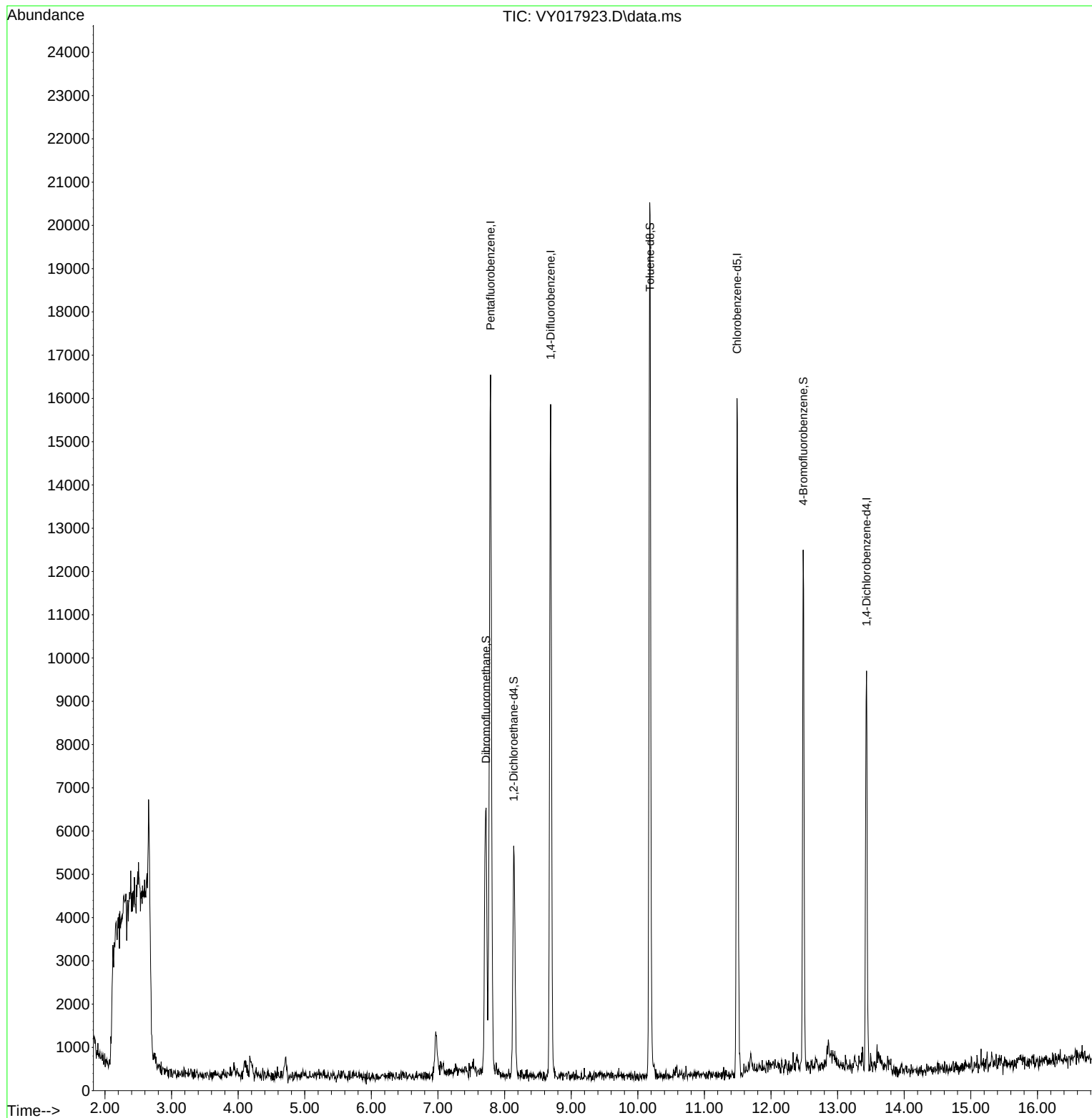
Target Compounds	Qvalue

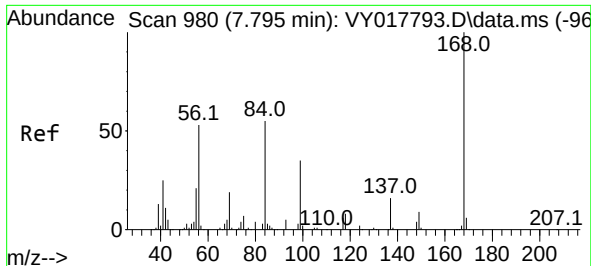
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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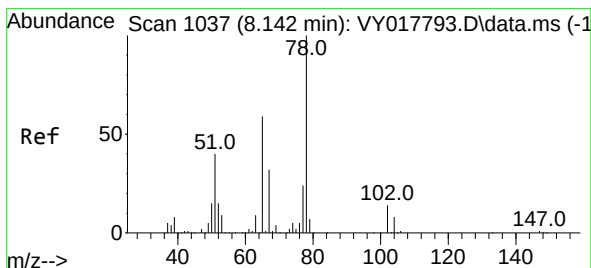
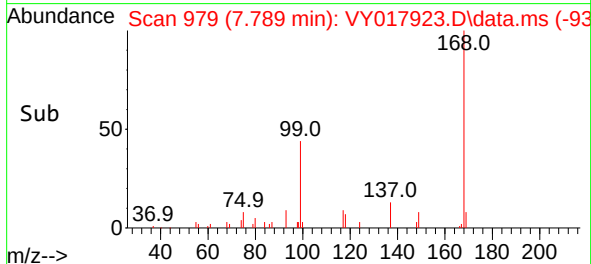
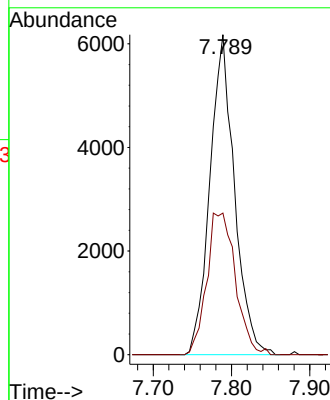
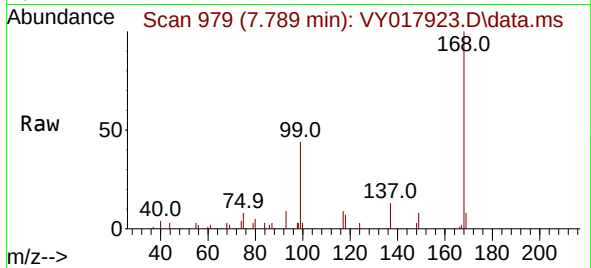




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017923.D
Acq: 12 Apr 2024 14:07

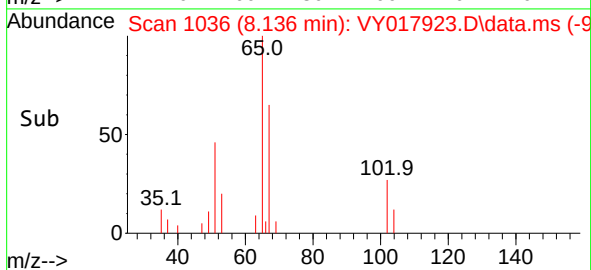
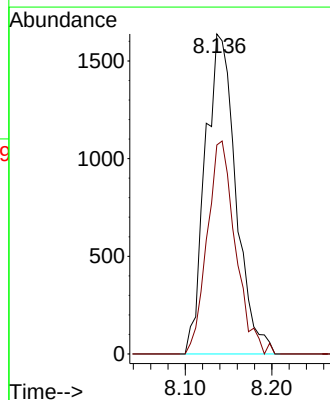
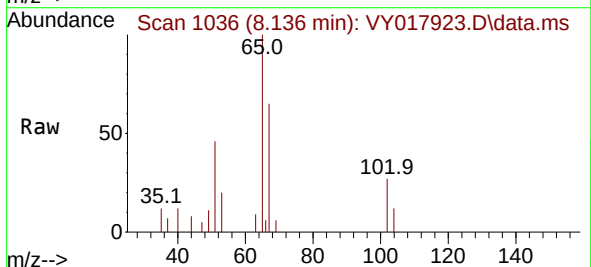
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-041124

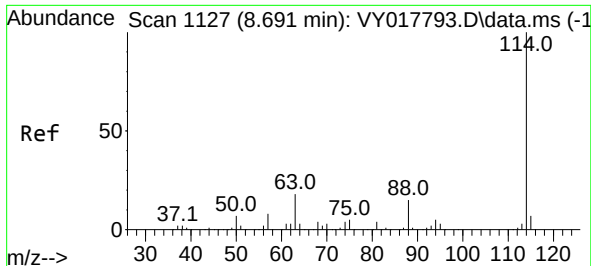
Tgt Ion:168 Resp: 13438
Ion Ratio Lower Upper
168 100
99 44.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 34.588 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017923.D
Acq: 12 Apr 2024 14:07

Tgt Ion: 65 Resp: 4022
Ion Ratio Lower Upper
65 100
67 61.5 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: VY017923.D

Acq: 12 Apr 2024 14:07

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-041124

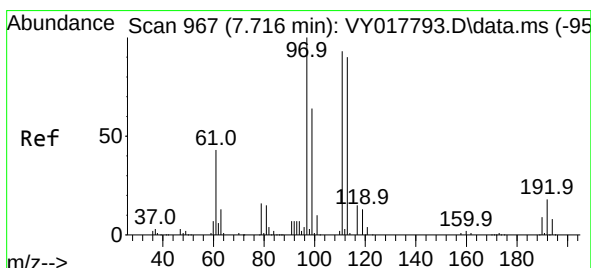
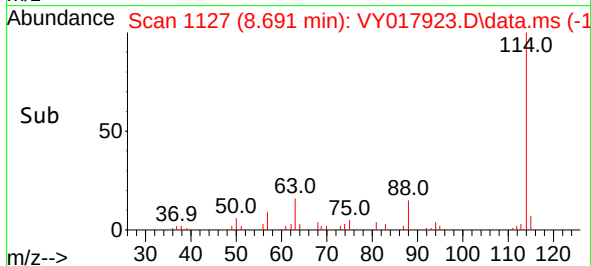
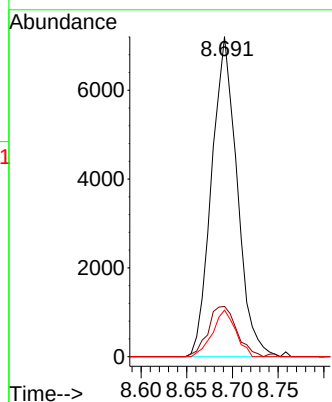
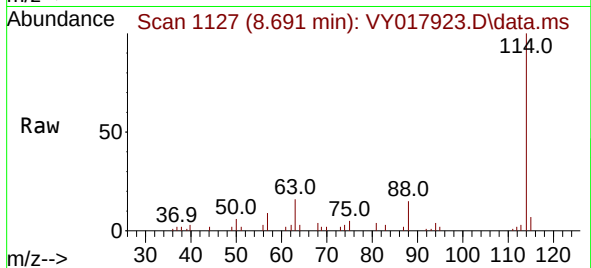
Tgt Ion:114 Resp: 13991

Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 62.192 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017923.D

Acq: 12 Apr 2024 14:07

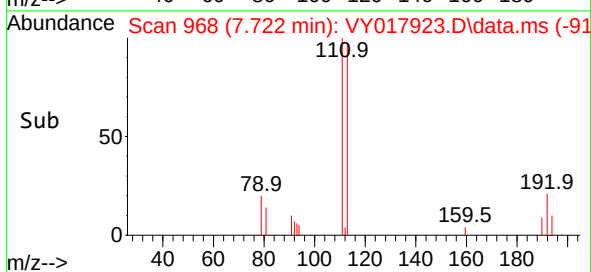
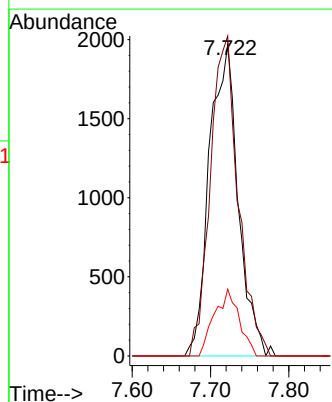
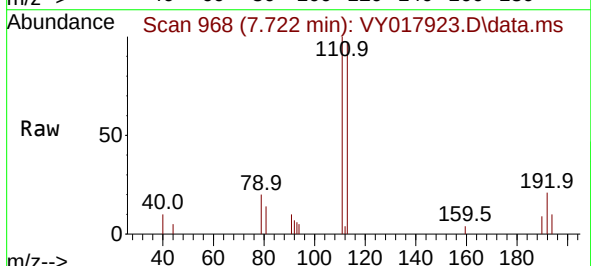
Tgt Ion:113 Resp: 5028

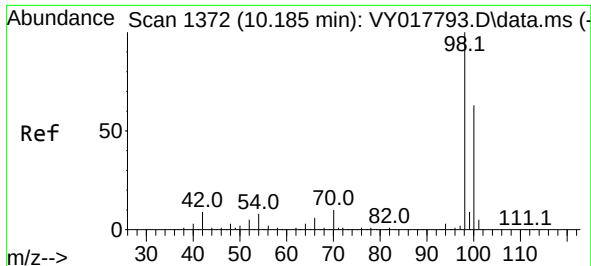
Ion Ratio Lower Upper

113 100

111 99.1 82.2 123.4

192 18.4 15.9 23.9

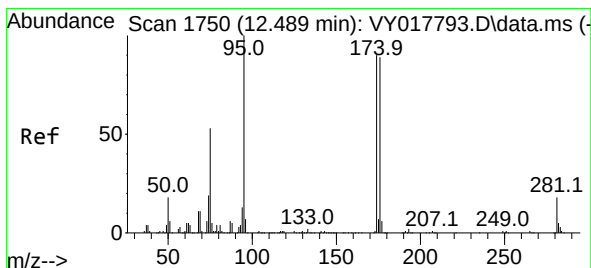
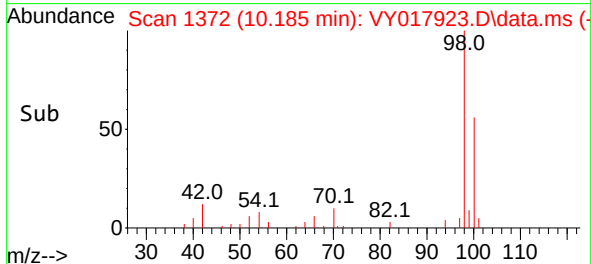
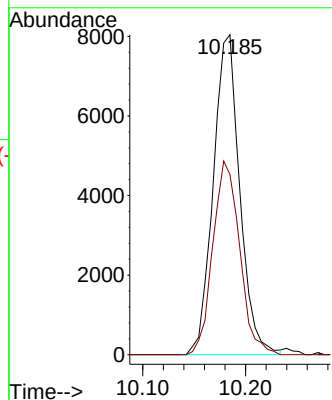
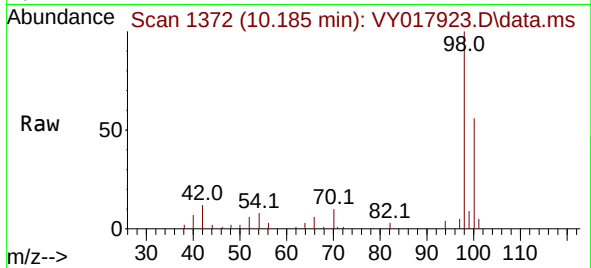




#50
Toluene-d8
Concen: 47.762 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017923.D
Acq: 12 Apr 2024 14:07

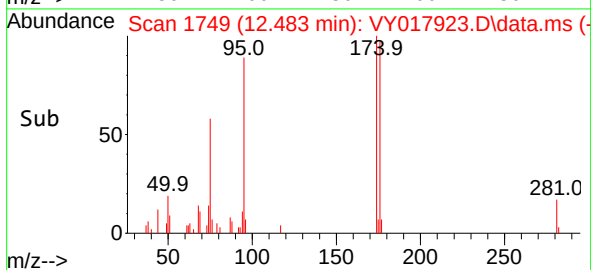
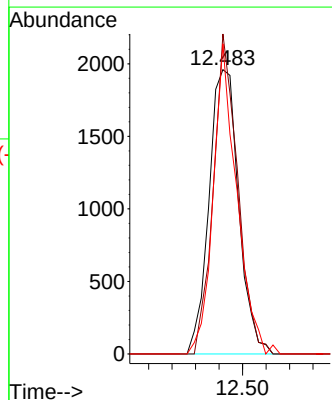
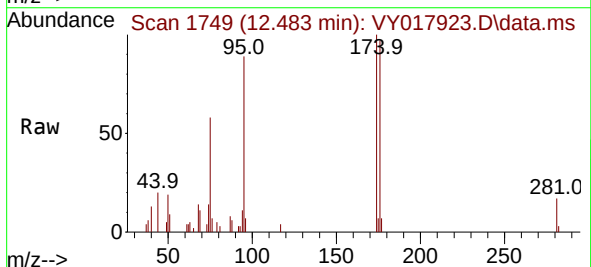
Instrument :
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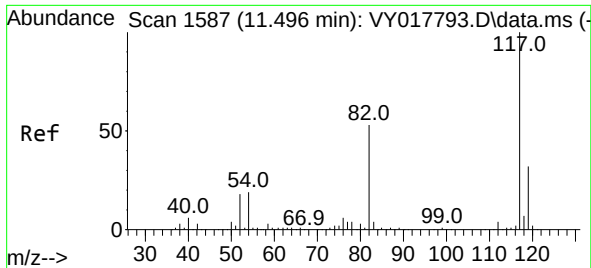
Tgt Ion: 98 Resp: 14424
Ion Ratio Lower Upper
98 100
100 61.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.309 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017923.D
Acq: 12 Apr 2024 14:07

Tgt Ion: 95 Resp: 3428
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 87.2 0.0 171.4

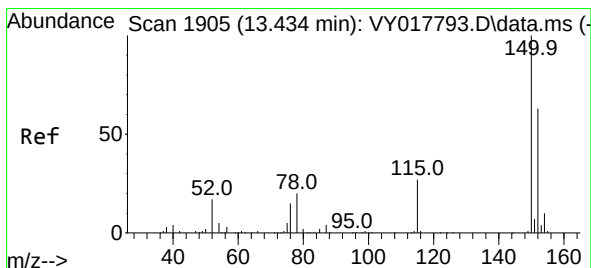
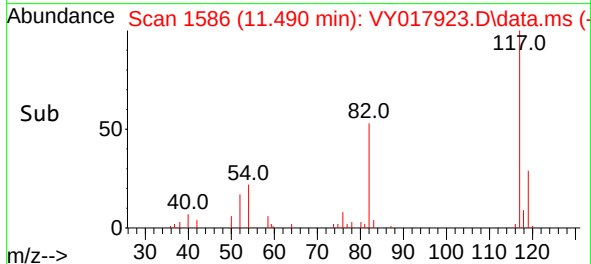
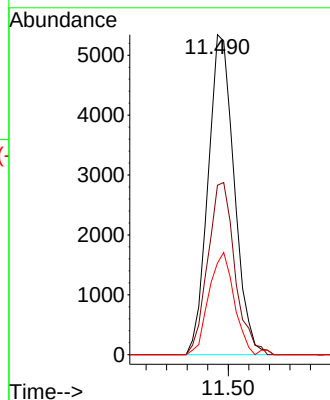
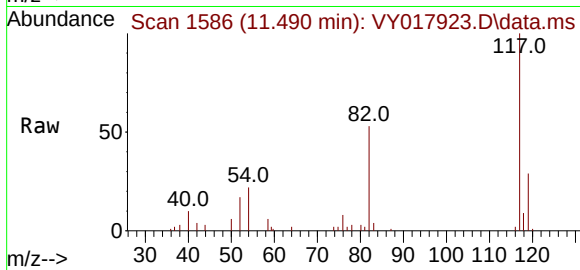




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017923.D
Acq: 12 Apr 2024 14:07

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-041124

Tgt Ion:	117	Resp:	9447
Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	28.7	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017923.D
Acq: 12 Apr 2024 14:07

Tgt Ion:	152	Resp:	2798
Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.2	84.7
150	154.6	0.0	345.6

