

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017293.D
 Acq On : 07 Feb 2024 16:48
 Operator : SY/MD
 Sample : P1378-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Feb 08 01:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	8041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	13317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5062	70.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.940%
35) Dibromofluoromethane	7.715	113	4206	55.721	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.440%
50) Toluene-d8	10.178	98	12662	46.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.483	95	4439	49.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.620%

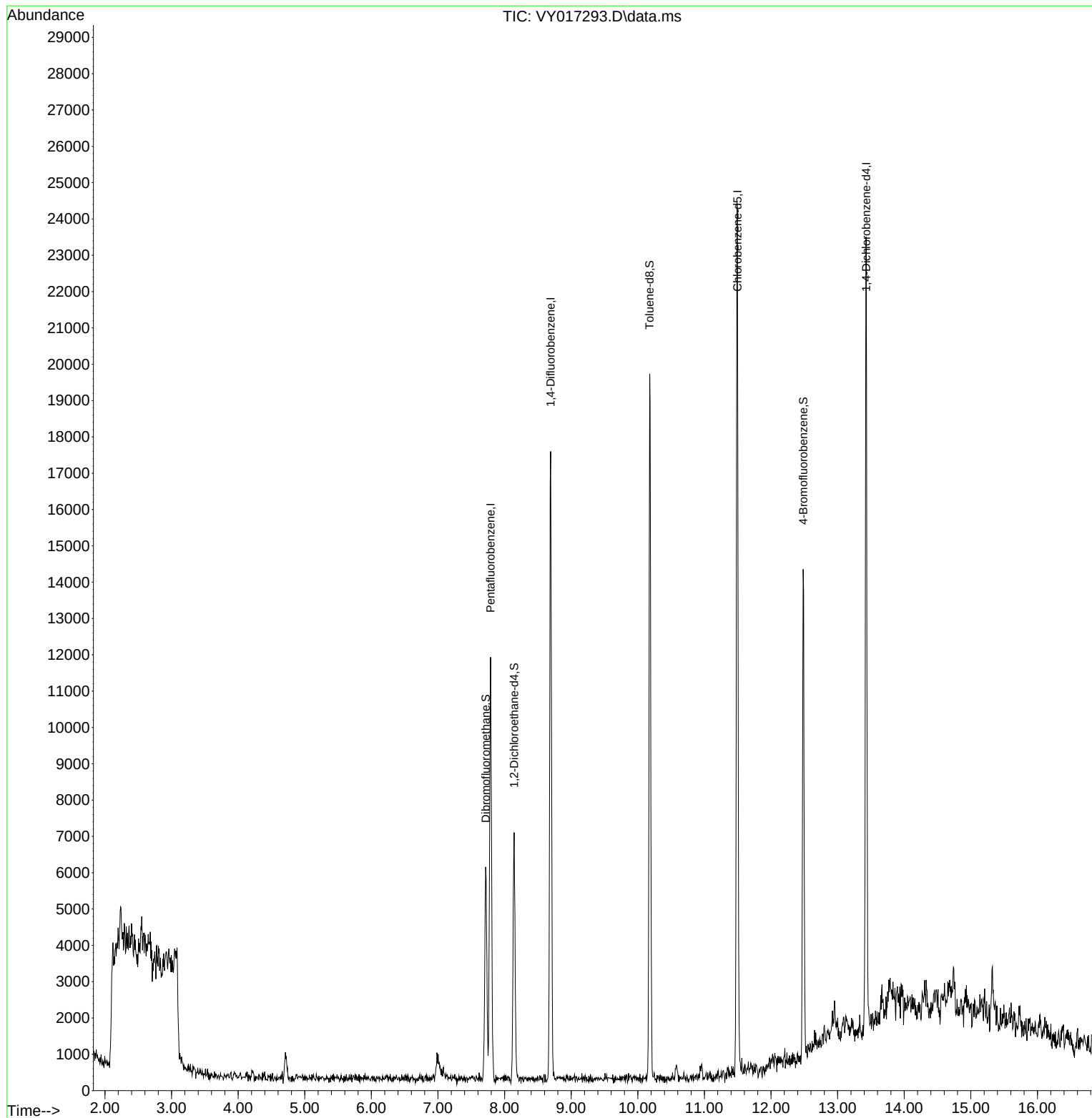
Target Compounds	Qvalue

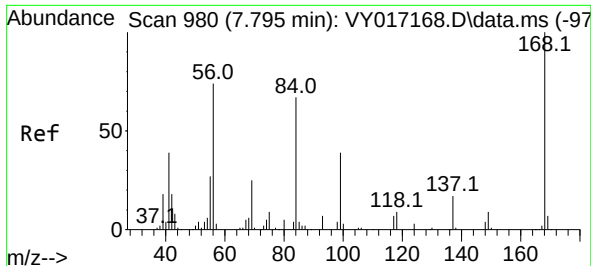
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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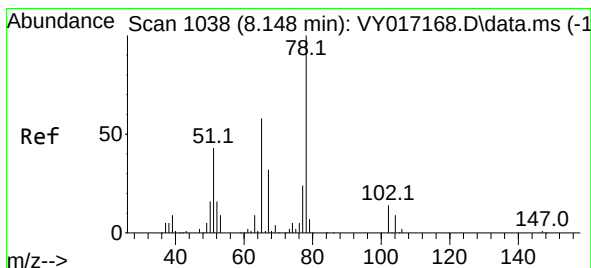
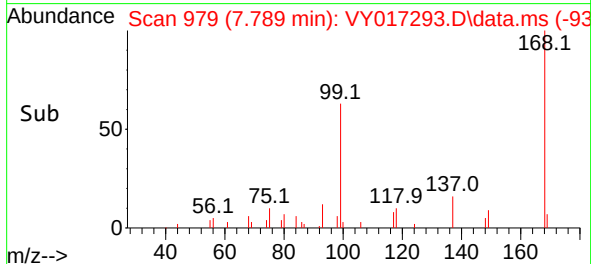
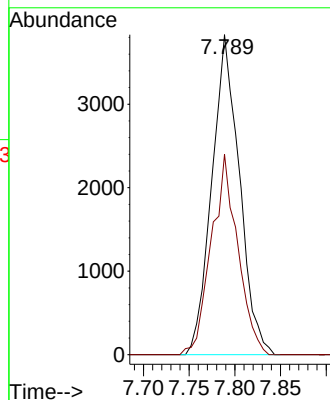
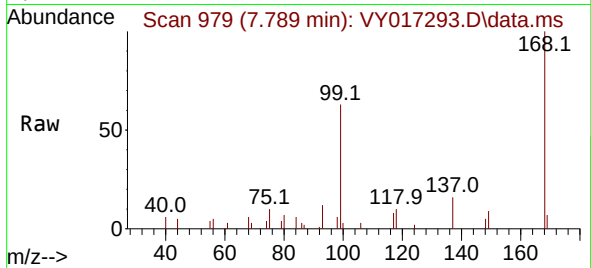




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017293.D
Acq: 07 Feb 2024 16:48

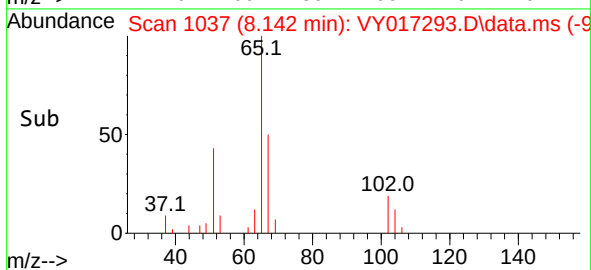
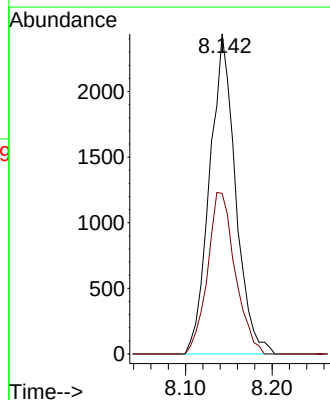
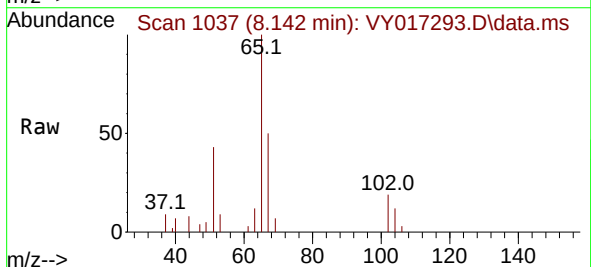
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

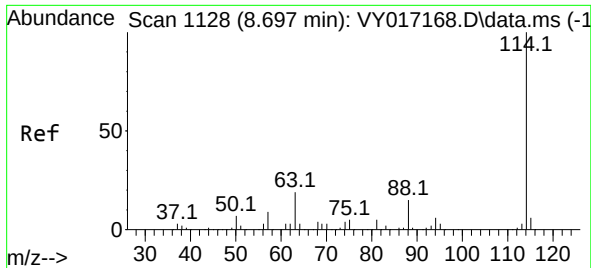
Tgt Ion:168 Resp: 8041
Ion Ratio Lower Upper
168 100
99 62.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 70.469 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017293.D
Acq: 07 Feb 2024 16:48

Tgt Ion: 65 Resp: 5062
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0

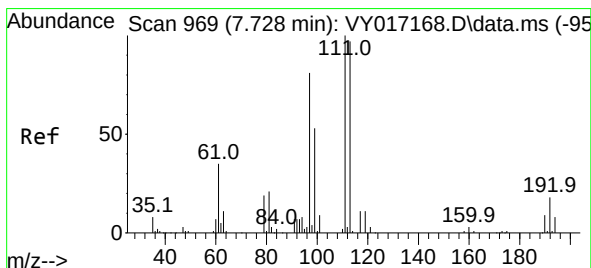
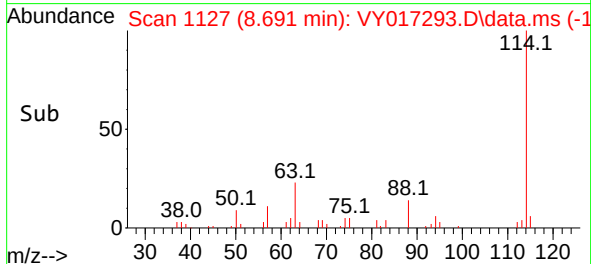
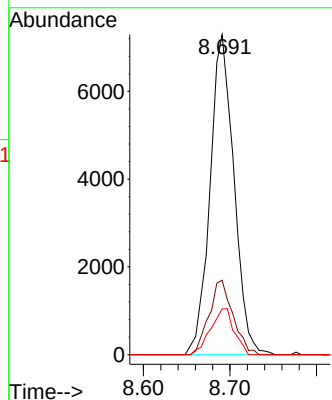
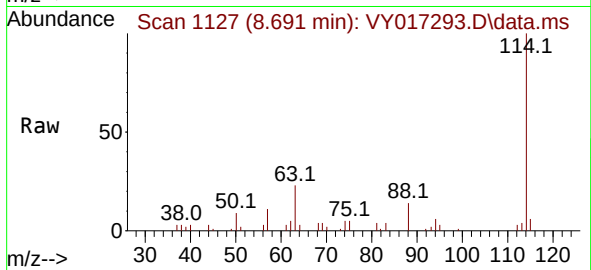




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY017293.D
 Acq: 07 Feb 2024 16:48

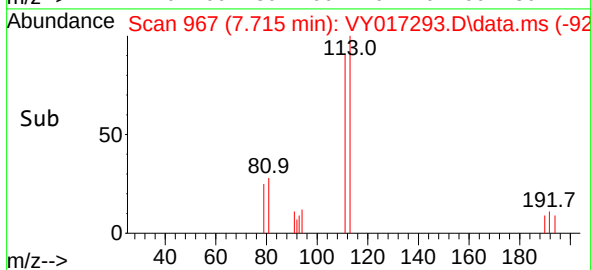
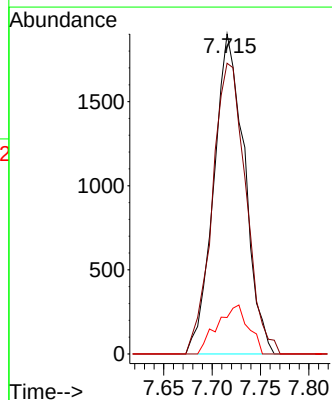
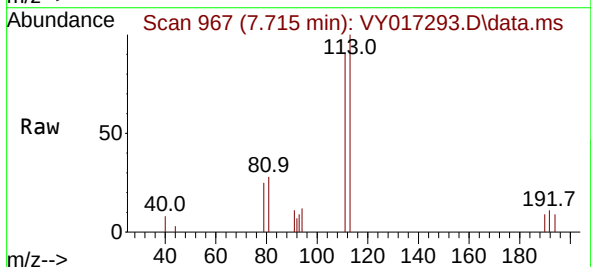
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

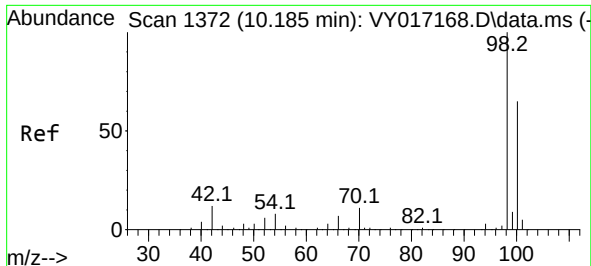
Tgt Ion:114	Resp:	13980
Ion	Ratio	Lower Upper
114	100	
63	23.3	0.0 37.4
88	14.3	0.0 29.0



#35
 Dibromofluoromethane
 Concen: 55.721 ug/l
 RT: 7.715 min Scan# 967
 Delta R.T. -0.012 min
 Lab File: VY017293.D
 Acq: 07 Feb 2024 16:48

Tgt Ion:113	Resp:	4206
Ion	Ratio	Lower Upper
113	100	
111	98.7	83.8 125.6
192	15.5	14.5 21.7

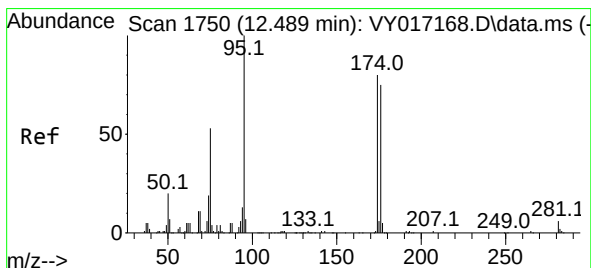
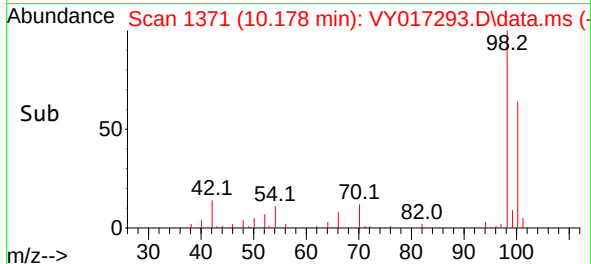
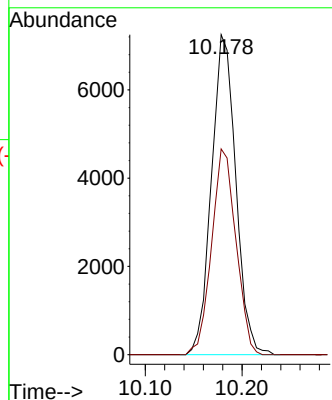
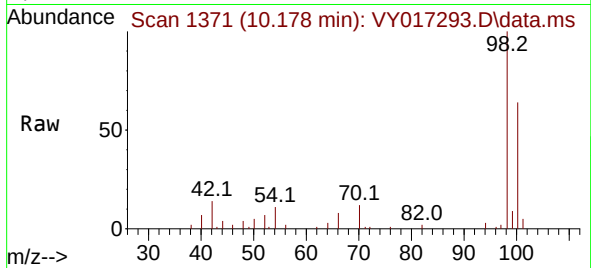




#50
Toluene-d8
Concen: 46.072 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017293.D
Acq: 07 Feb 2024 16:48

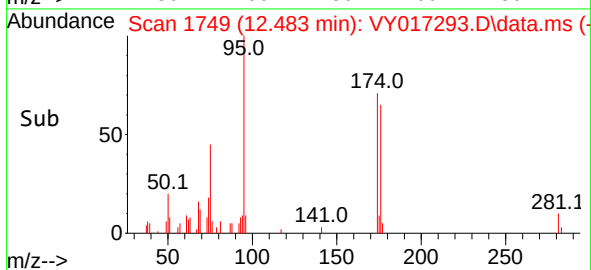
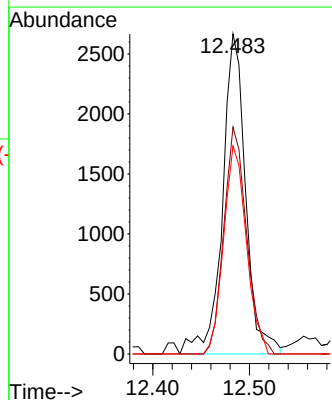
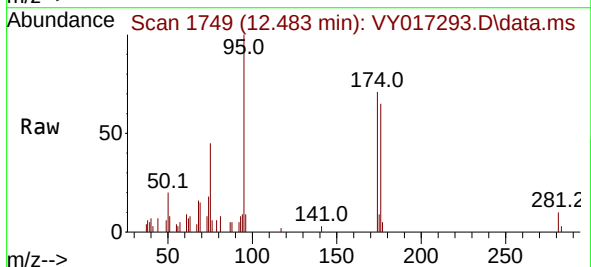
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

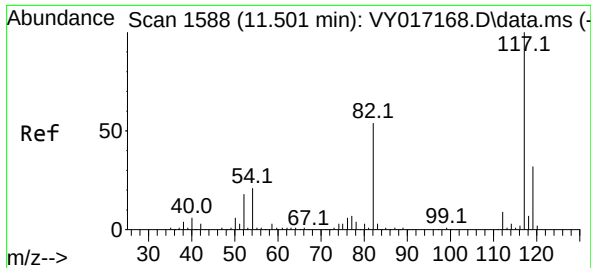
Tgt Ion: 98 Resp: 12662
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017293.D
Acq: 07 Feb 2024 16:48

Tgt Ion: 95 Resp: 4439
Ion Ratio Lower Upper
95 100
174 69.3 0.0 160.0
176 63.6 0.0 151.8

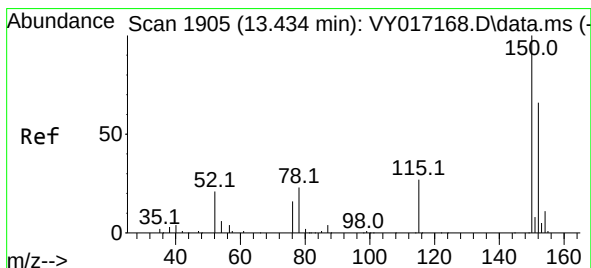
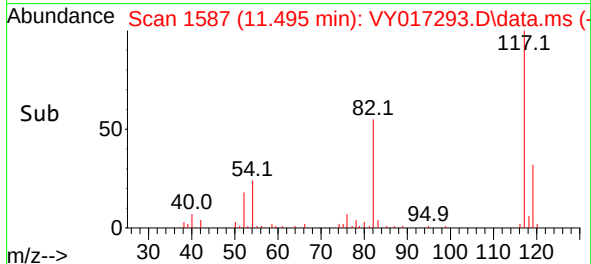
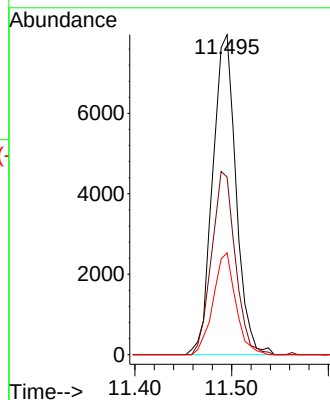
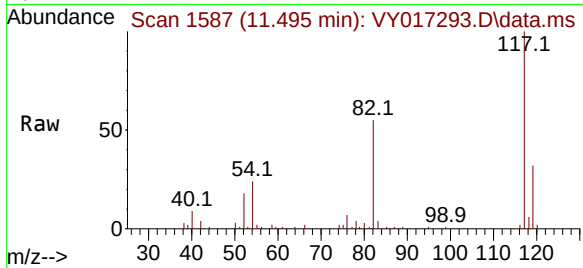




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017293.D
Acq: 07 Feb 2024 16:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 13317
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017293.D
Acq: 07 Feb 2024 16:48

Tgt Ion:152 Resp: 5200
Ion Ratio Lower Upper
152 100
115 61.9 30.0 90.0
150 147.8 0.0 344.6

