

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017806.D
 Acq On : 01 Apr 2024 14:11
 Operator : SY/MD
 Sample : P1937-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 369

Quant Time: Apr 02 03:20:10 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	7.795	168	20877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	29374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	20471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	4877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7773	43.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.060%
35) Dibromofluoromethane	7.722	113	8453	49.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.191	98	31994	50.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.495	95	5382	27.900	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.800%

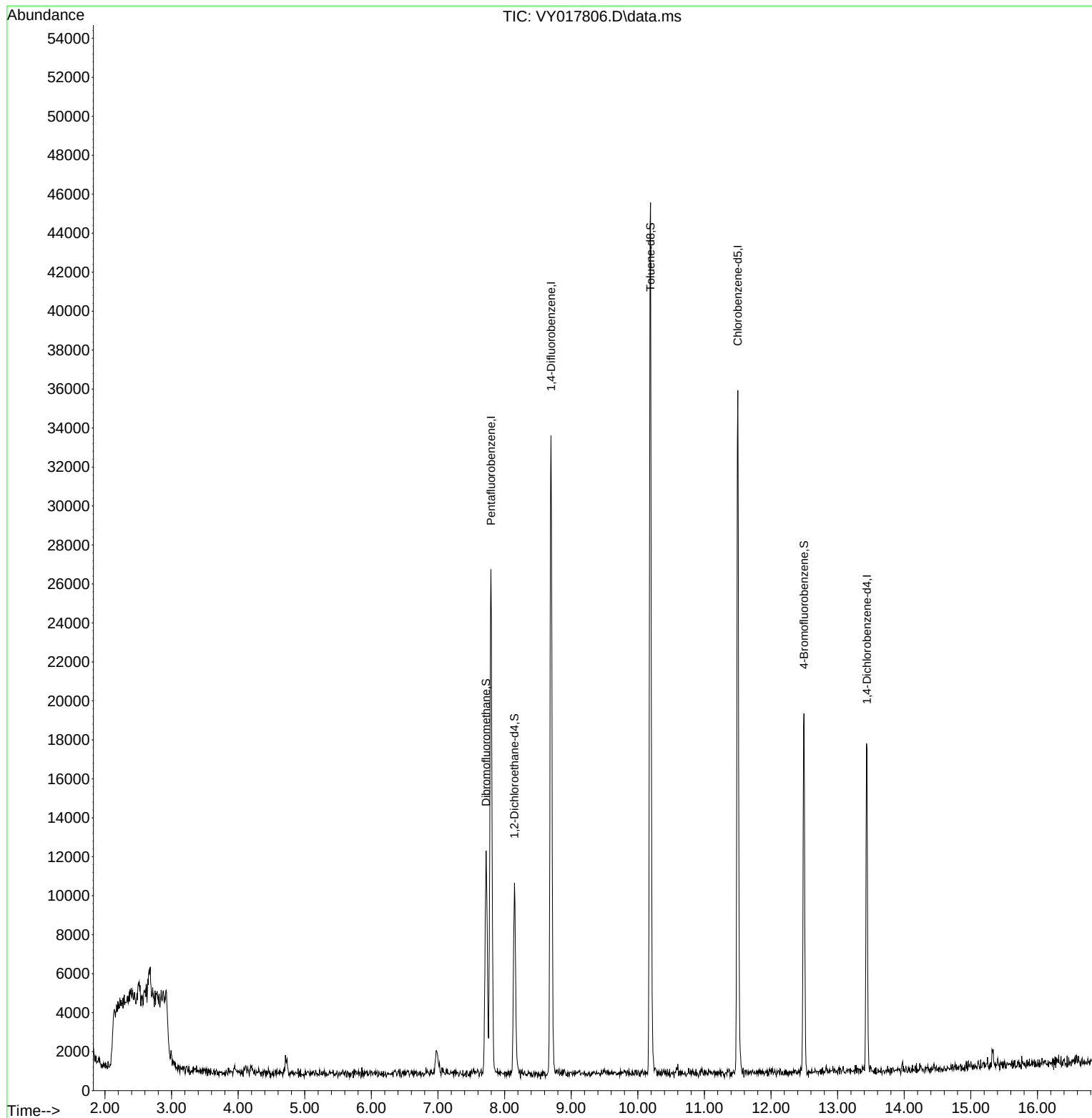
Target Compounds	Qvalue

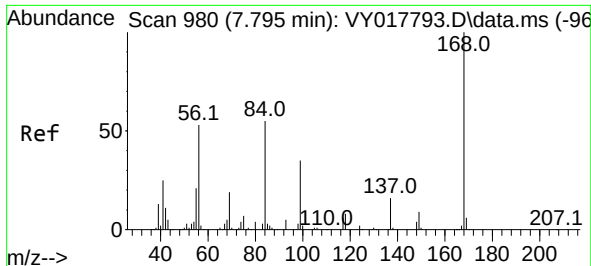
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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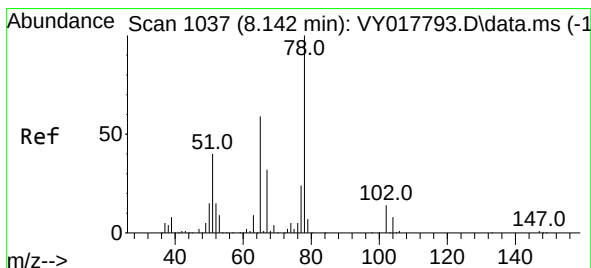
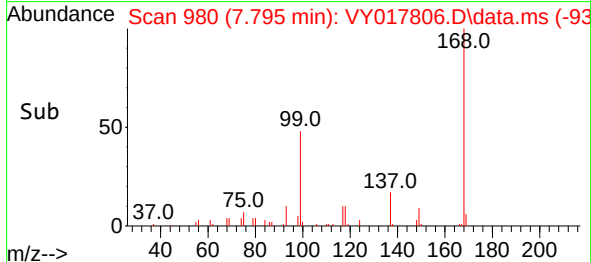
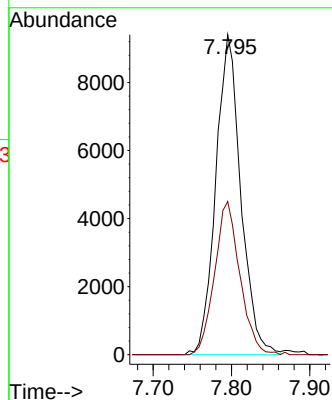
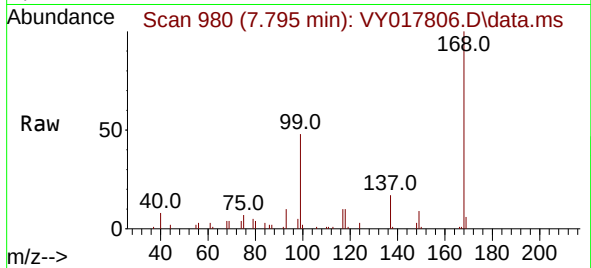




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017806.D
Acq: 01 Apr 2024 14:11

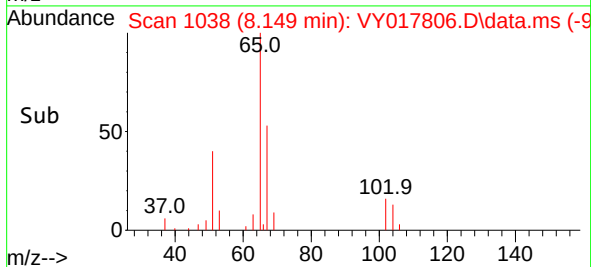
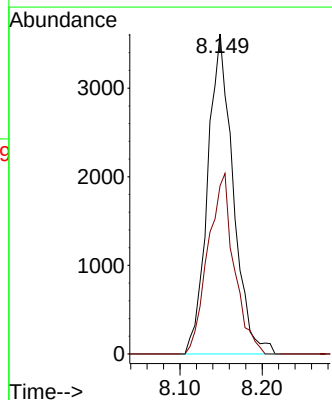
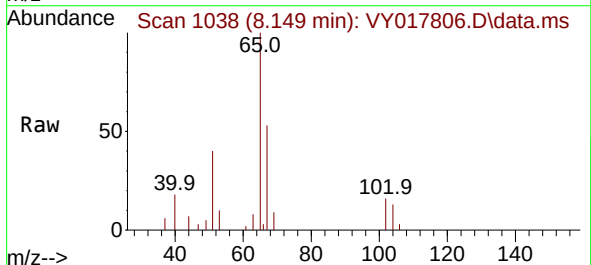
Instrument :
MSVOA_Y
ClientSampleId :
369

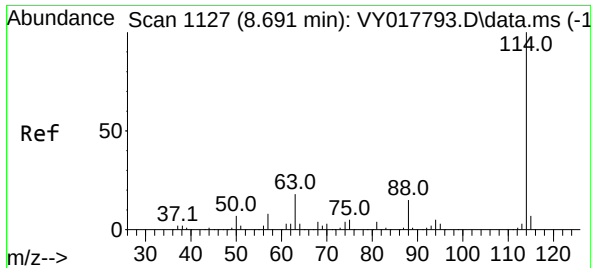
Tgt Ion:168 Resp: 20877
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.026 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017806.D
Acq: 01 Apr 2024 14:11

Tgt Ion: 65 Resp: 7773
Ion Ratio Lower Upper
65 100
67 58.0 0.0 109.6

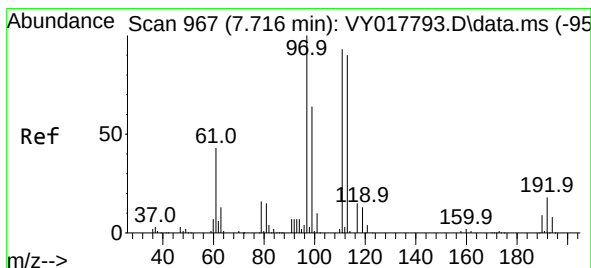
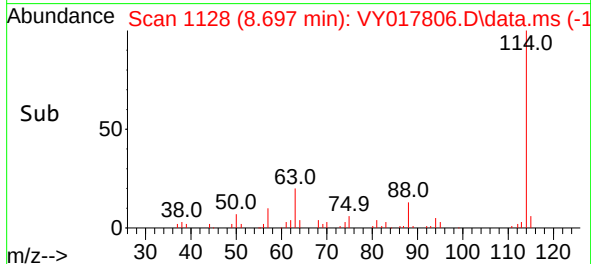
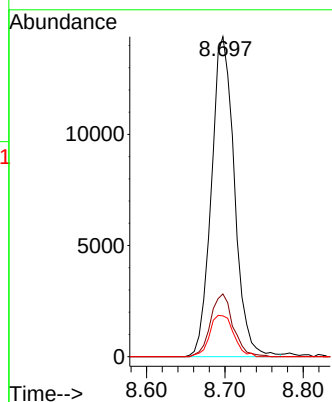
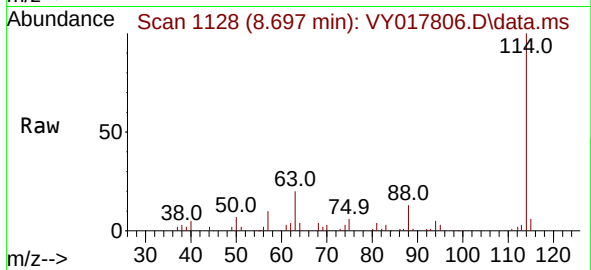




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017806.D
Acq: 01 Apr 2024 14:11

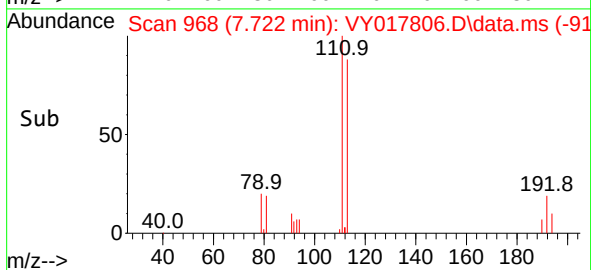
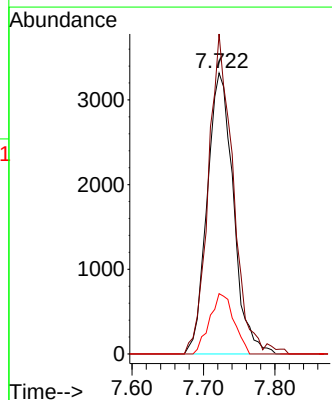
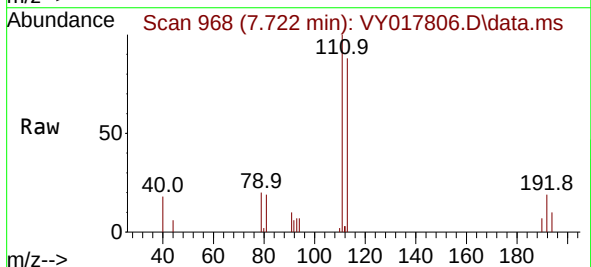
Instrument :
MSVOA_Y
ClientSampleId :
369

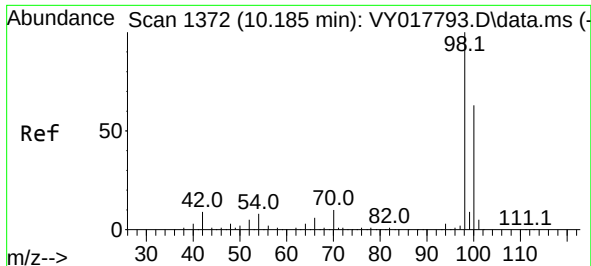
Tgt Ion:114 Resp: 29374
Ion Ratio Lower Upper
114 100
63 19.6 0.0 35.0
88 12.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.801 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017806.D
Acq: 01 Apr 2024 14:11

Tgt Ion:113 Resp: 8453
Ion Ratio Lower Upper
113 100
111 107.8 82.2 123.4
192 19.9 15.9 23.9

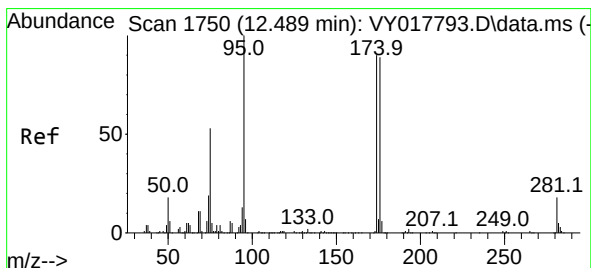
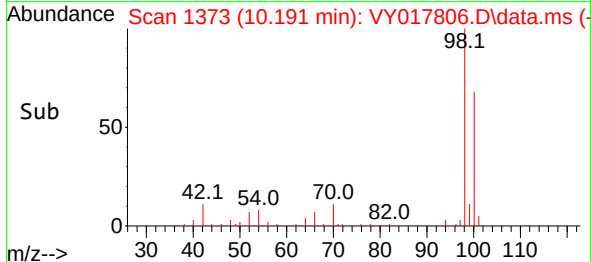
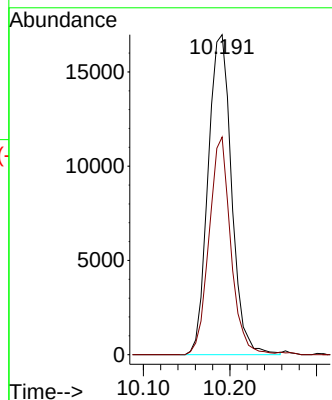
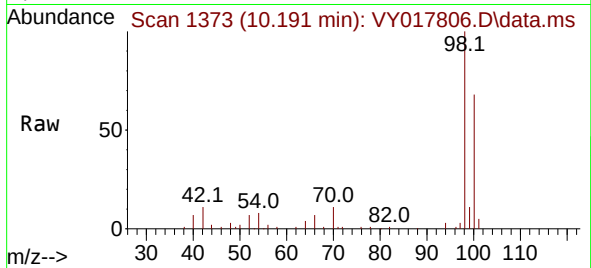




#50
Toluene-d8
Concen: 50.461 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017806.D
Acq: 01 Apr 2024 14:11

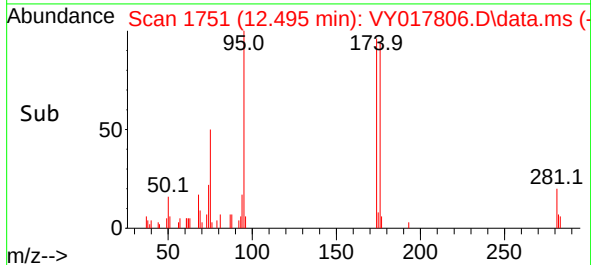
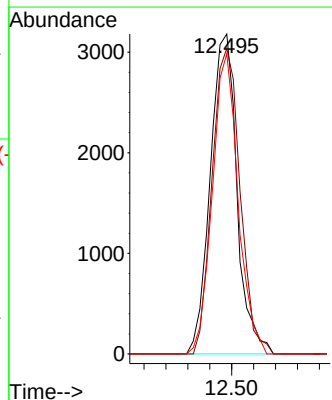
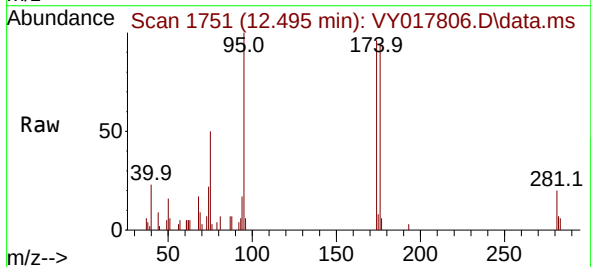
Instrument :
MSVOA_Y
ClientSampleId :
369

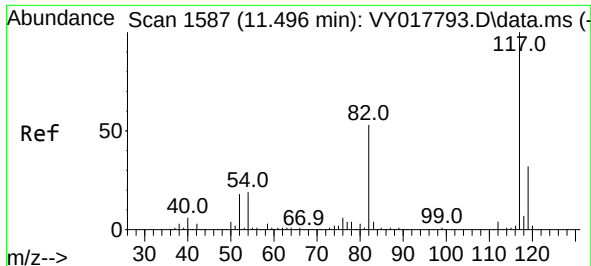
Tgt Ion: 98 Resp: 31994
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.900 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017806.D
Acq: 01 Apr 2024 14:11

Tgt Ion: 95 Resp: 5382
Ion Ratio Lower Upper
95 100
174 99.6 0.0 175.6
176 90.3 0.0 171.4

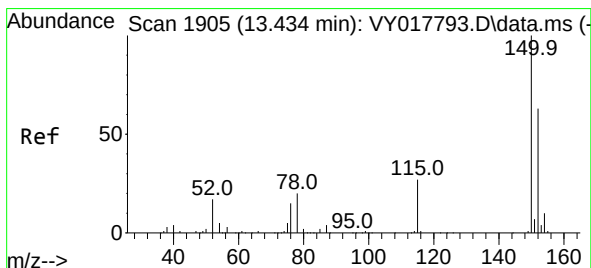
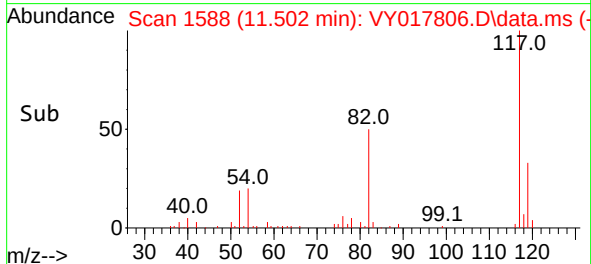
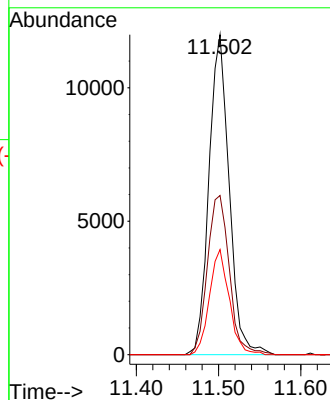
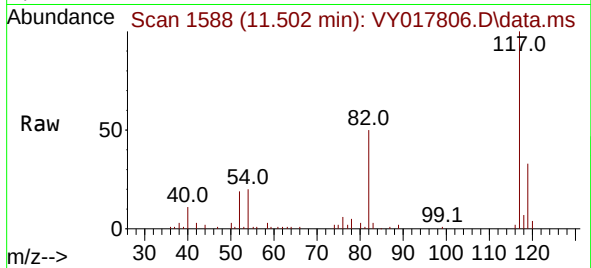




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017806.D
Acq: 01 Apr 2024 14:11

Instrument :
MSVOA_Y
ClientSampleId :
369

Tgt Ion:117 Resp: 20471
Ion Ratio Lower Upper
117 100
82 49.7 42.4 63.6
119 32.9 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: VY017806.D
Acq: 01 Apr 2024 14:11

Tgt Ion:152 Resp: 4877
Ion Ratio Lower Upper
152 100
115 52.9 28.2 84.7
150 153.5 0.0 345.6

