

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017912.D
 Acq On : 11 Apr 2024 15:37
 Operator : SY/MD
 Sample : P2071-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-041024

Quant Time: Apr 12 05:02:00 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	109880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61750	64.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.880%
35) Dibromofluoromethane	7.716	113	66728	56.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.600%
50) Toluene-d8	10.185	98	237876	53.725	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.483	95	61554	45.693	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.380%

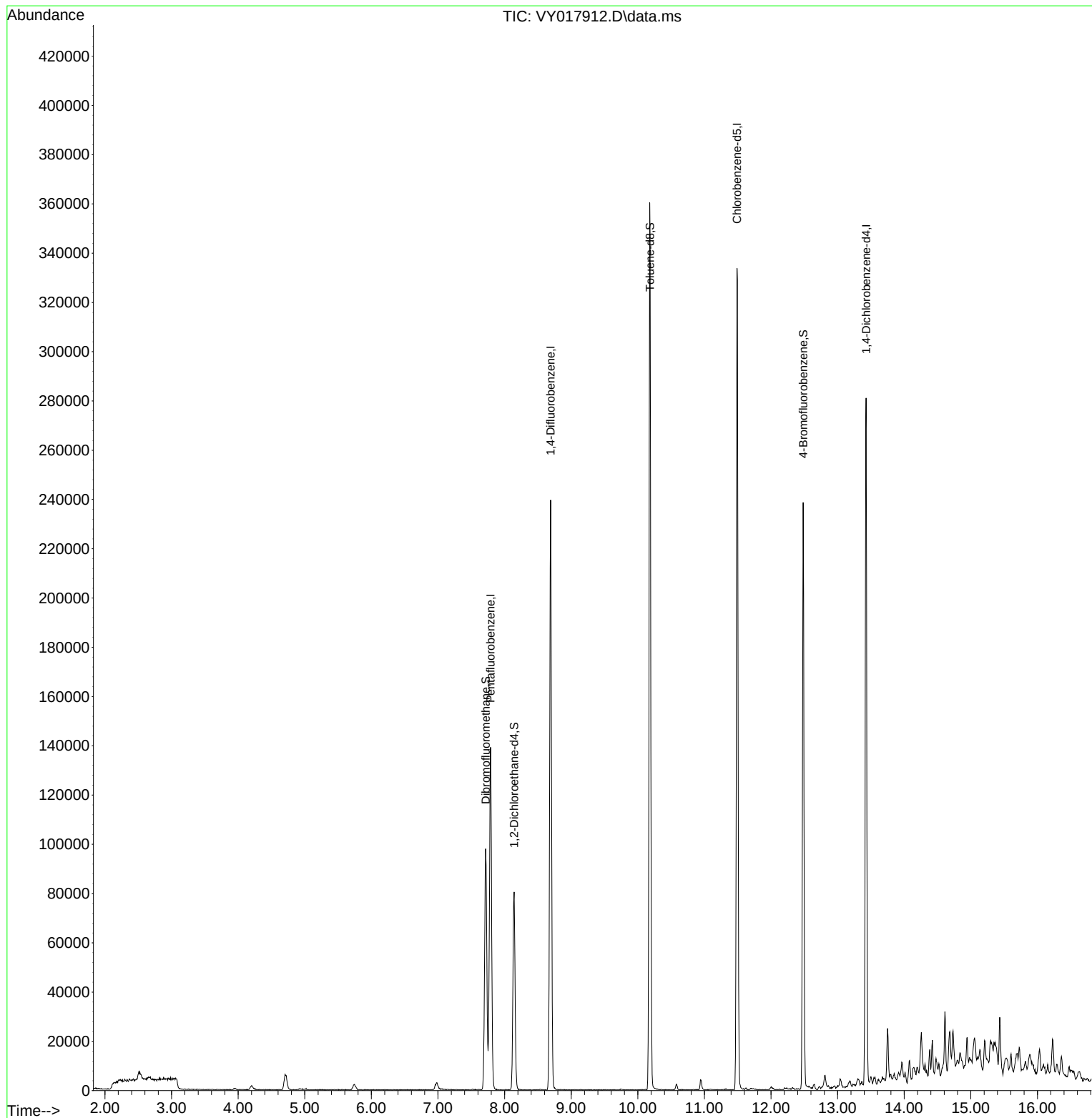
Target Compounds	Qvalue

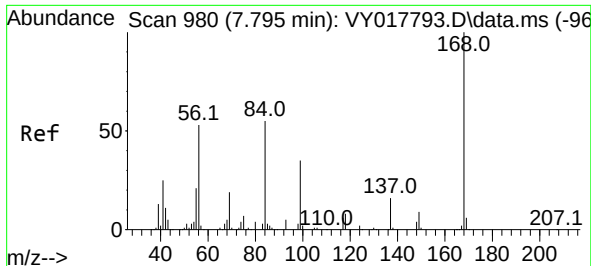
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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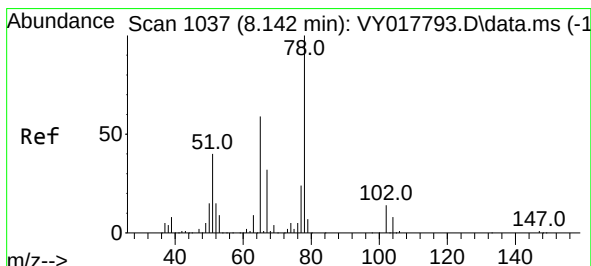
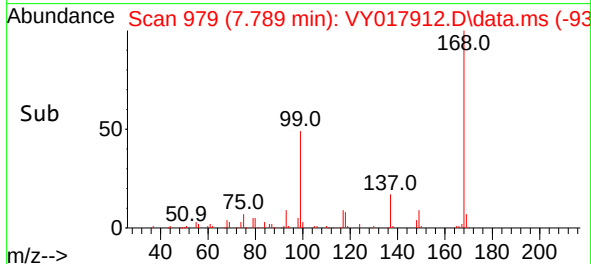
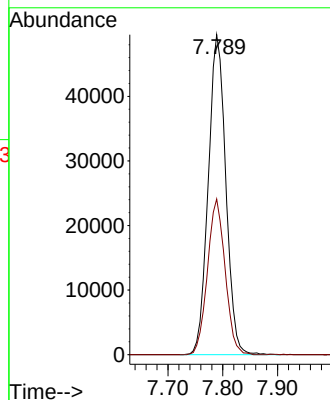
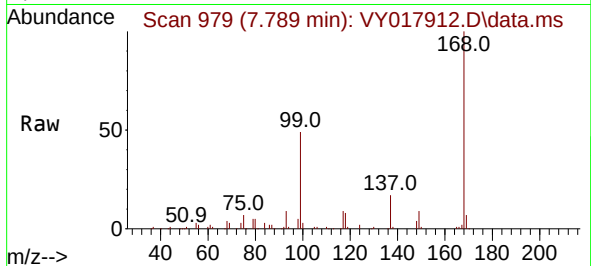




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

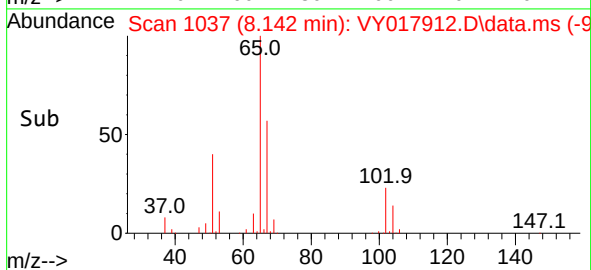
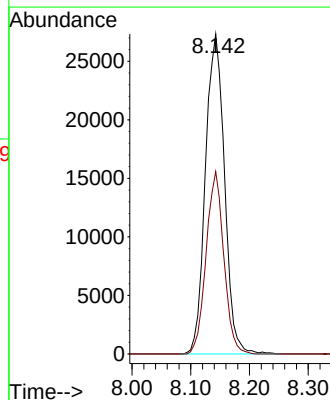
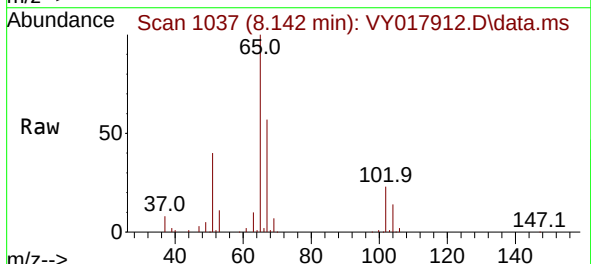
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-041024

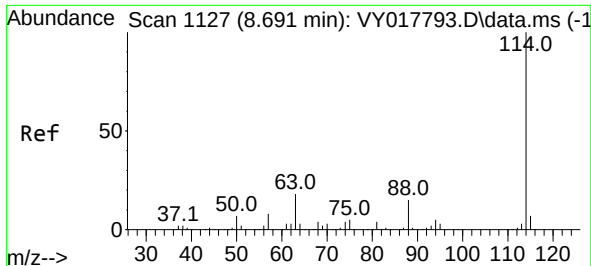
Tgt Ion:168 Resp: 109880
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 64.943 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Tgt Ion: 65 Resp: 61750
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

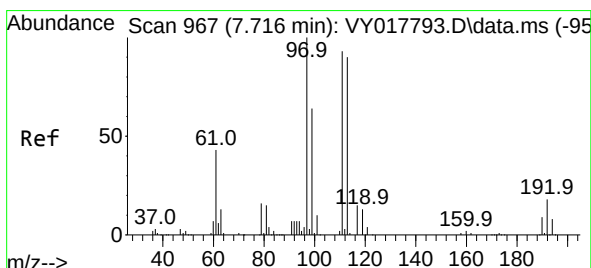
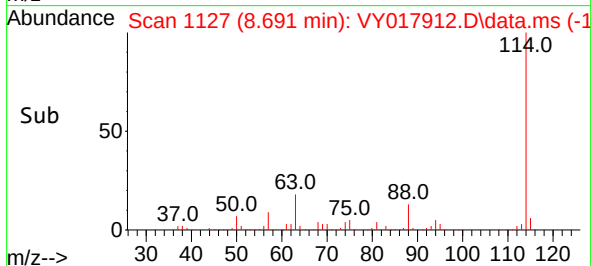
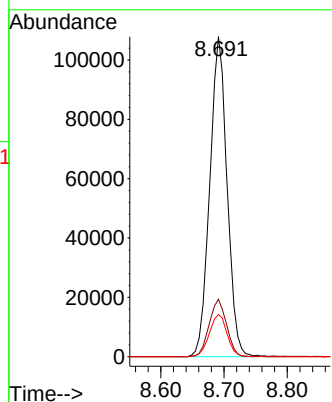
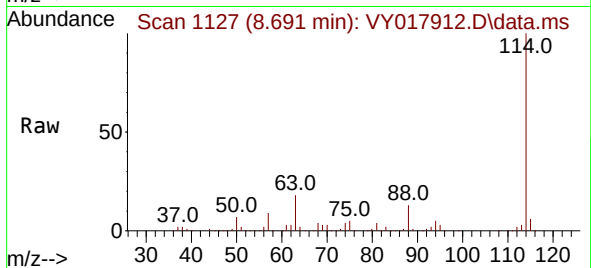




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

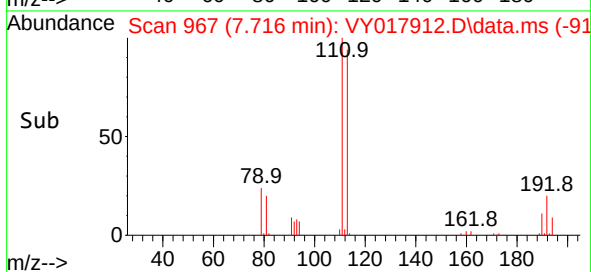
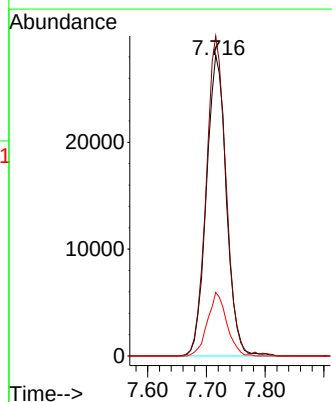
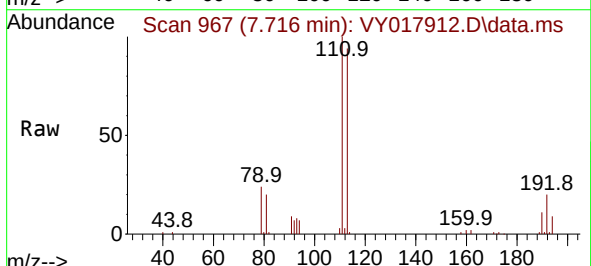
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ClientSampleId :
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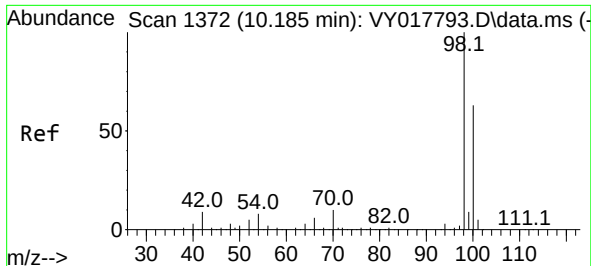
Tgt Ion:114 Resp: 205126
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 13.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.296 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Tgt Ion:113 Resp: 66728
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 20.3 15.9 23.9

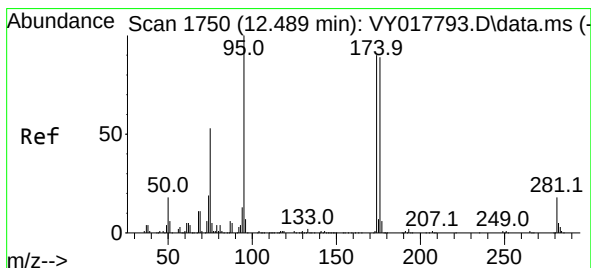
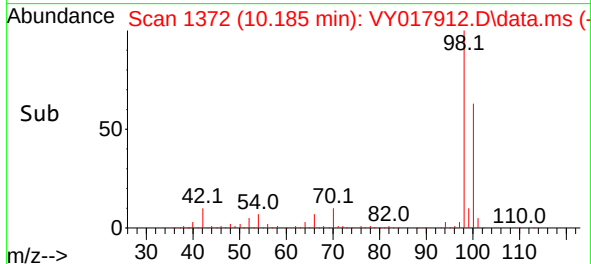
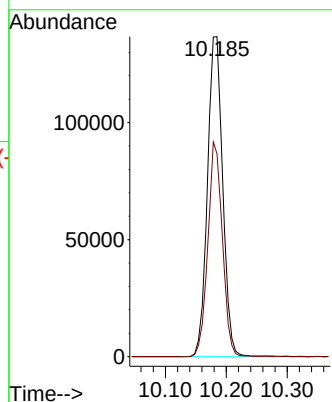
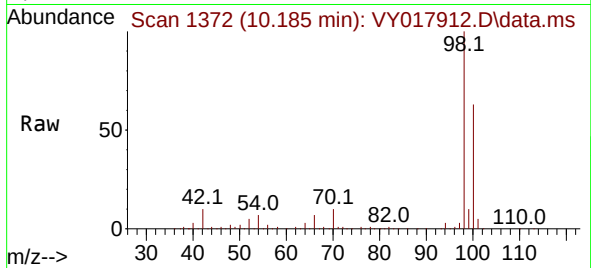




#50
Toluene-d8
Concen: 53.725 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

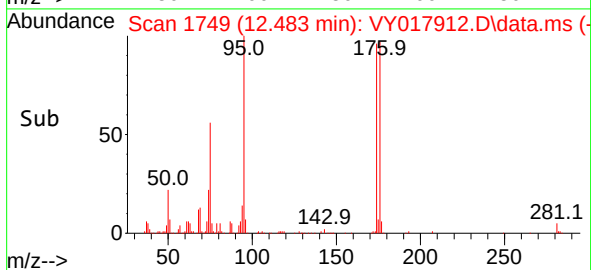
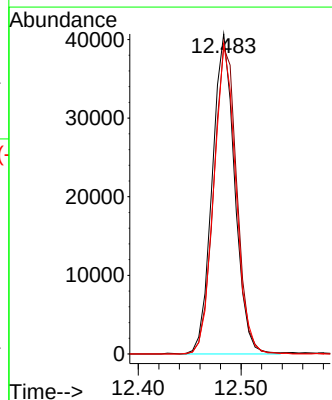
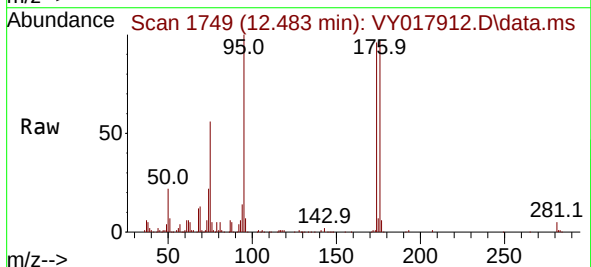
Instrument :
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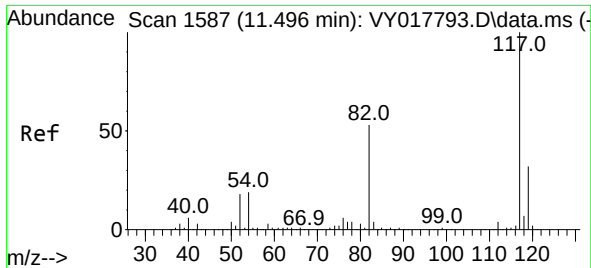
Tgt Ion: 98 Resp: 237876
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Tgt Ion: 95 Resp: 61554
Ion Ratio Lower Upper
95 100
174 98.9 0.0 175.6
176 95.1 0.0 171.4

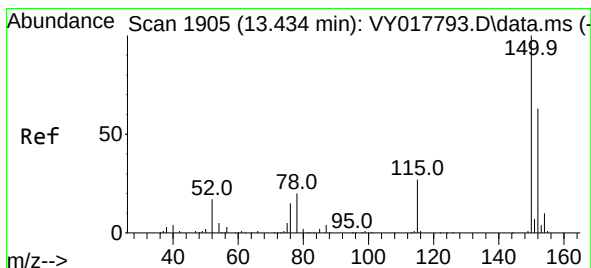
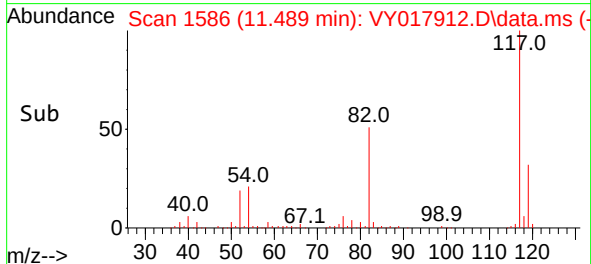
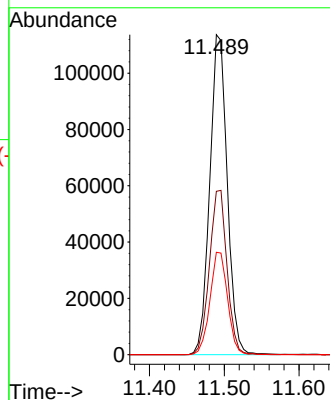
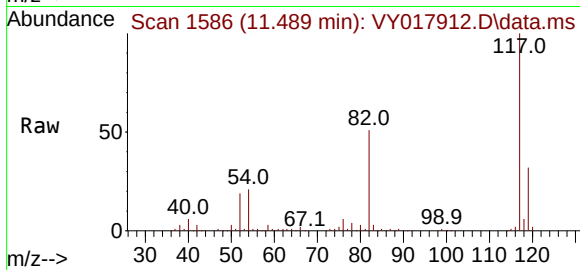




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :
PL-01-041024

Tgt Ion:117 Resp: 185230
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017912.D
Acq: 11 Apr 2024 15:37

Tgt Ion:152 Resp: 71479
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 158.5 0.0 345.6

