

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017832.D
 Acq On : 03 Apr 2024 13:49
 Operator : SY/MD
 Sample : P1955-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20103

Quant Time: Apr 04 01:11:22 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	7.807	168	146185	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	274611	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	234380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	80342	63.512	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.020%
35) Dibromofluoromethane	7.734	113	87150	54.921	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.840%
50) Toluene-d8	10.191	98	319605	53.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.840%
62) 4-Bromofluorobenzene	12.489	95	80844	44.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.660%

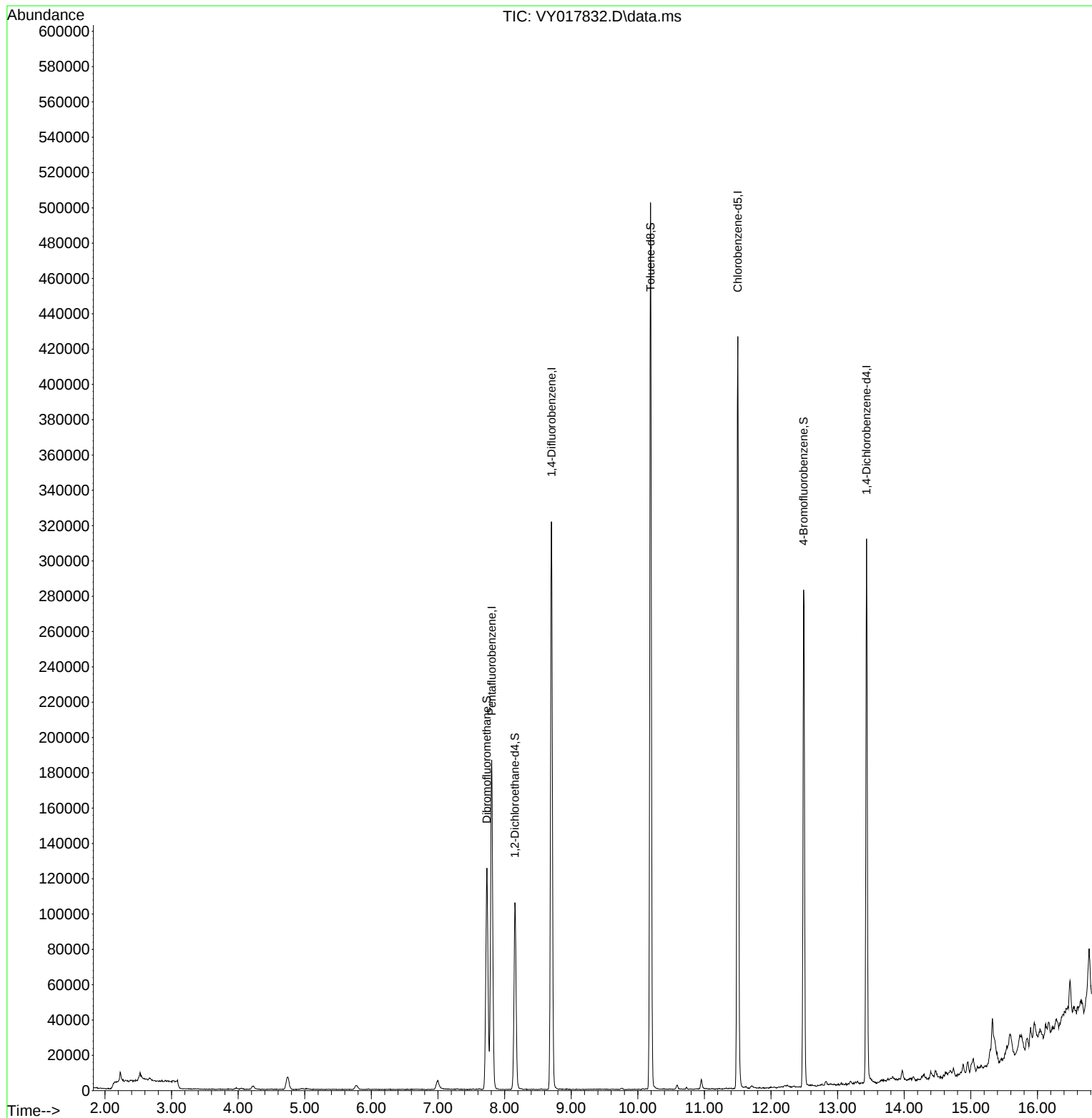
Target Compounds	Qvalue

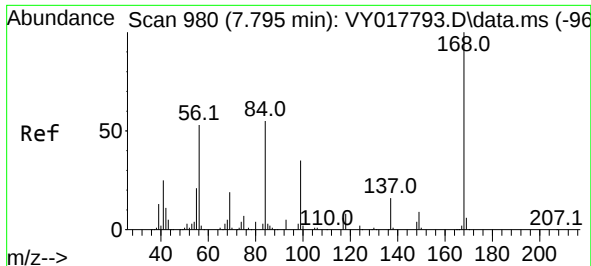
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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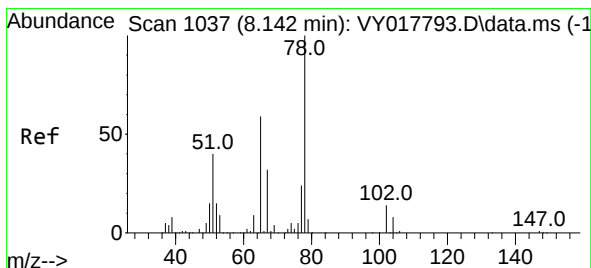
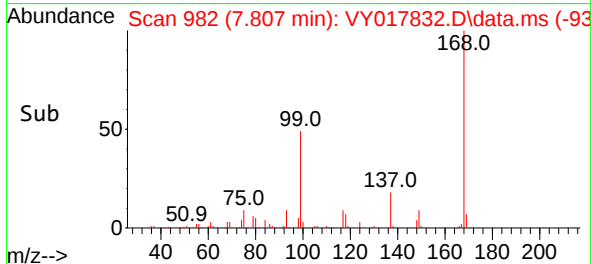
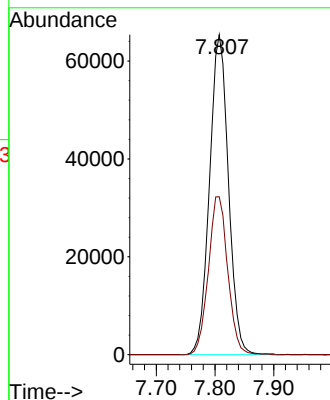
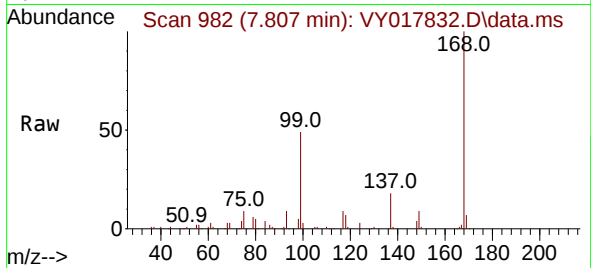




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

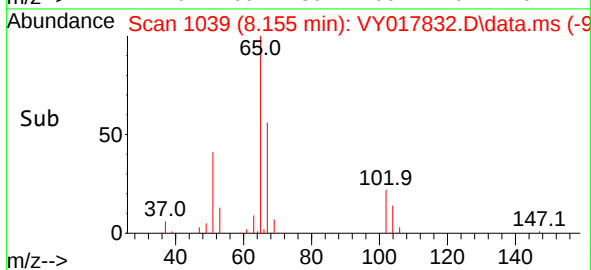
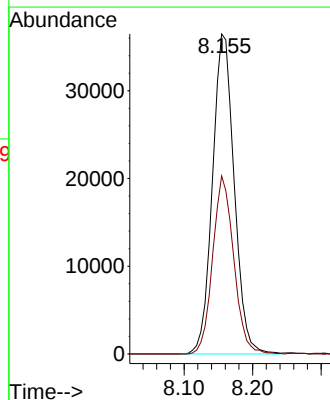
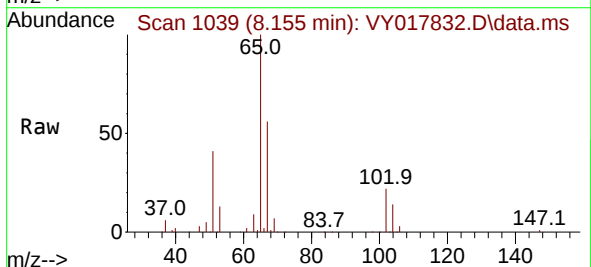
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103

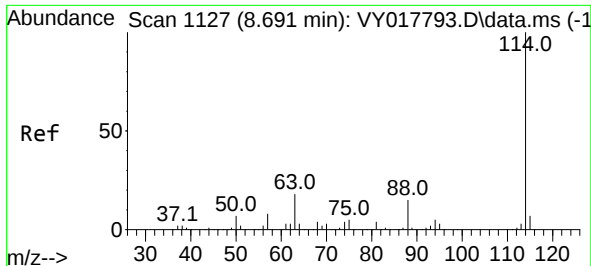
Tgt Ion:168 Resp: 146185
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.512 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion: 65 Resp: 80342
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

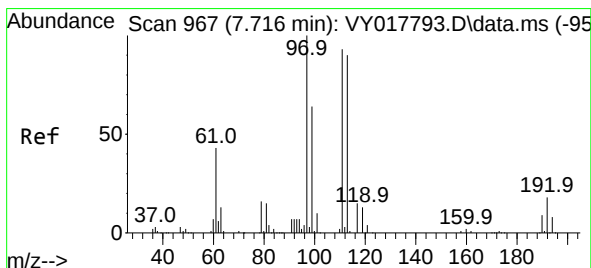
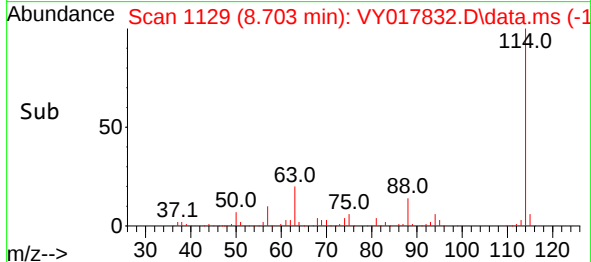
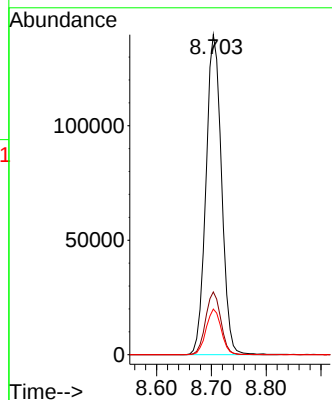
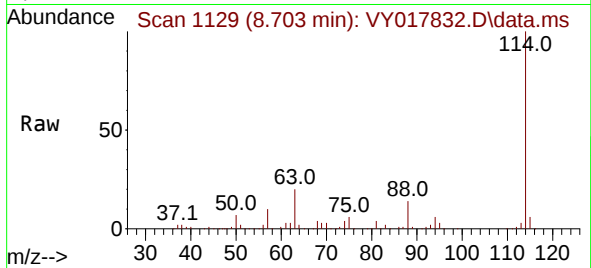




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

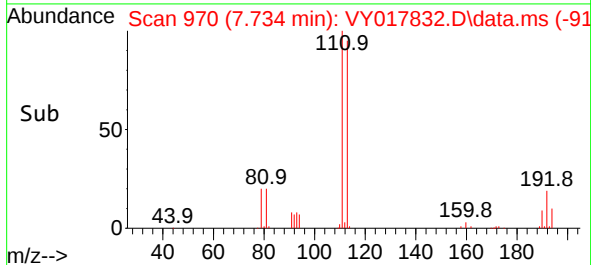
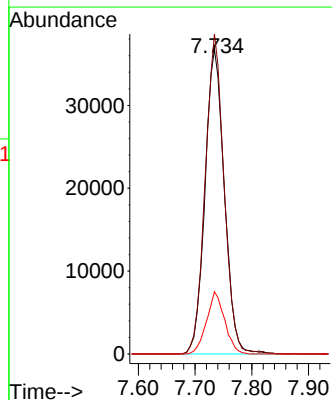
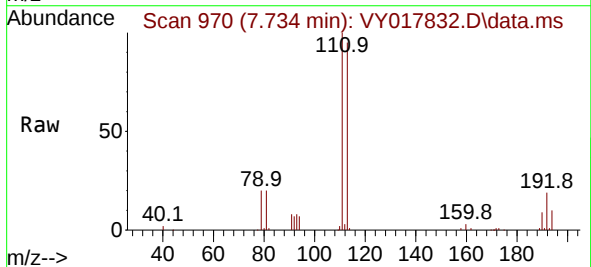
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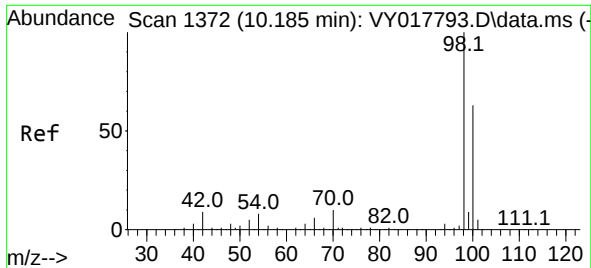
Tgt Ion:114 Resp: 274611
Ion Ratio Lower Upper
114 100
63 19.6 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.921 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion:113 Resp: 87150
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.1 15.9 23.9

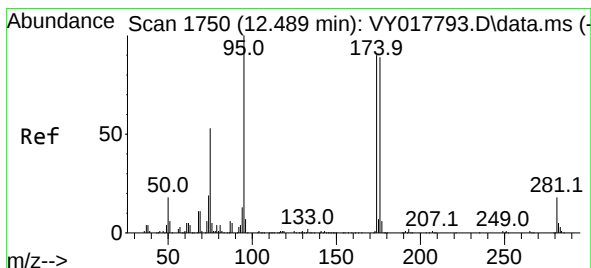
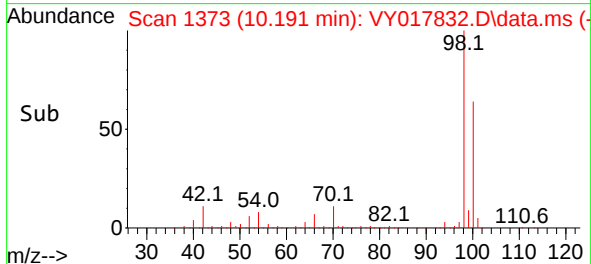
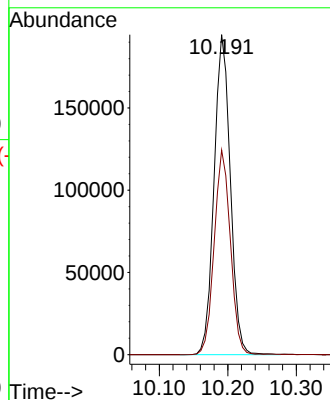
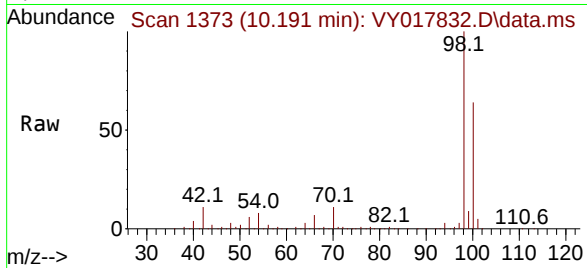




#50
Toluene-d8
Concen: 53.919 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

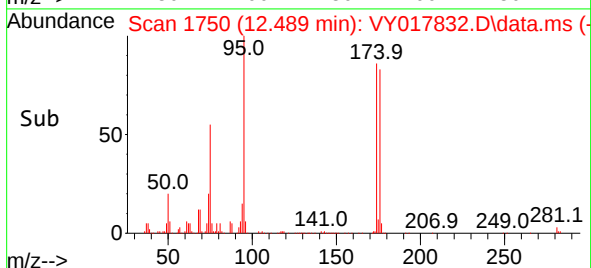
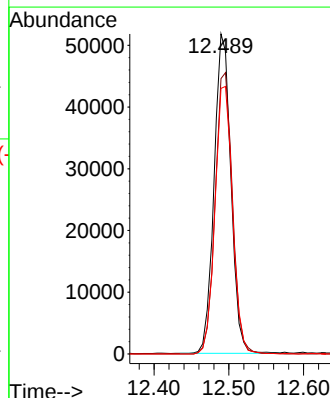
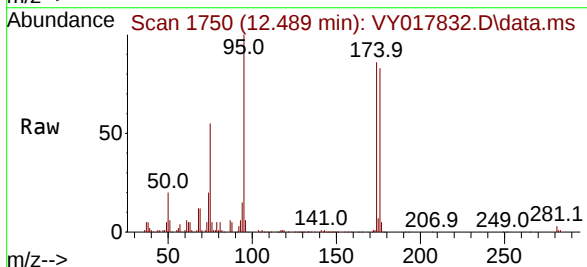
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103

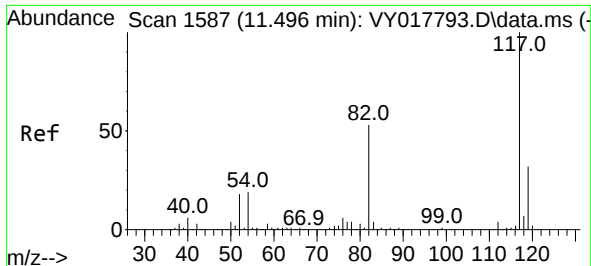
Tgt Ion: 98 Resp: 319605
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.828 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion: 95 Resp: 80844
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 87.6 0.0 171.4

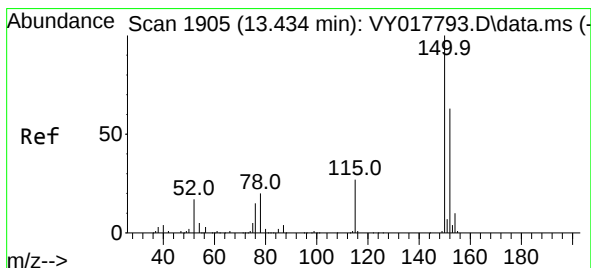
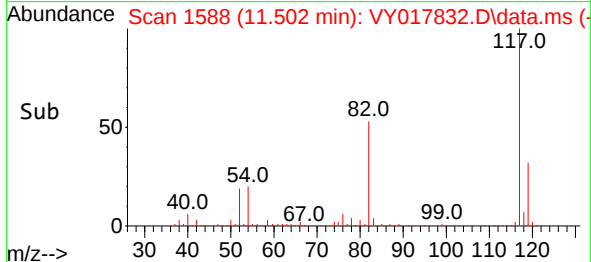
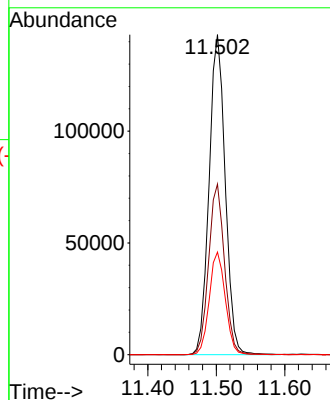
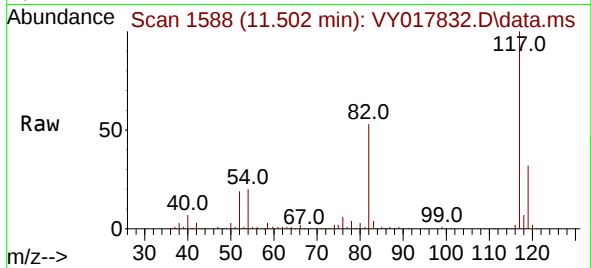




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103

Tgt Ion:117 Resp: 234380
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.0 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: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion:152 Resp: 76314
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.7 0.0 345.6

