

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016768.D
 Acq On : 21 Dec 2023 19:44
 Operator : SY/MD
 Sample : 05878-04
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLZ4

Quant Time: Dec 22 00:45:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	110715	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	230252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	218591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	79829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	62399	61.738	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.480%
35) Dibromofluoromethane	7.740	113	63072	47.820	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.197	98	220619	46.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.800%
62) 4-Bromofluorobenzene	12.495	95	71453	46.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.640%

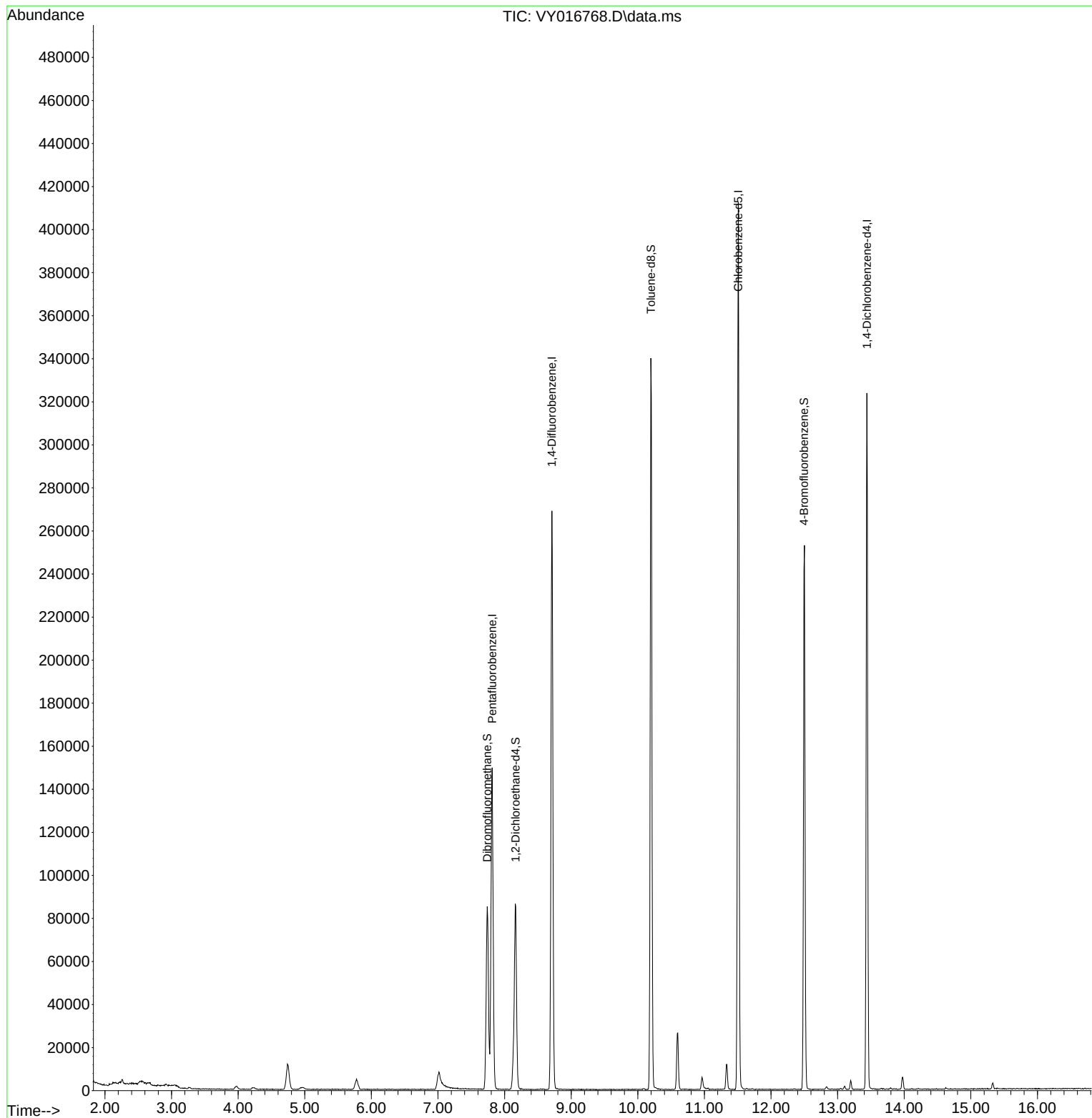
Target Compounds	Qvalue

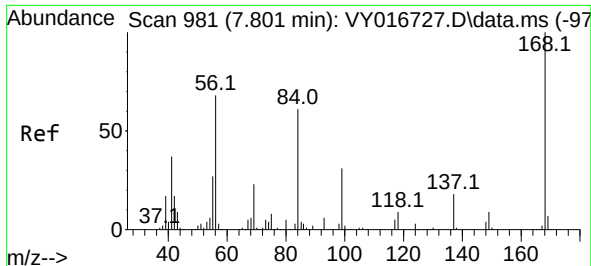
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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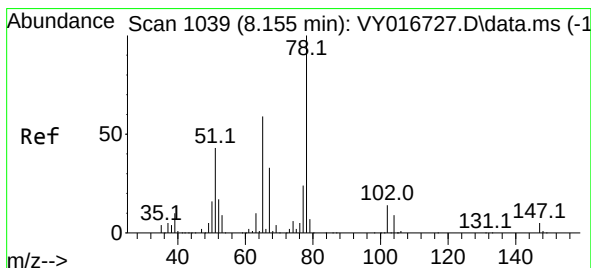
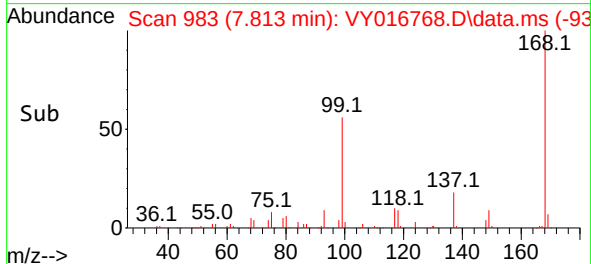
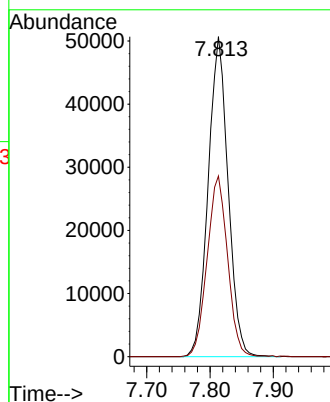
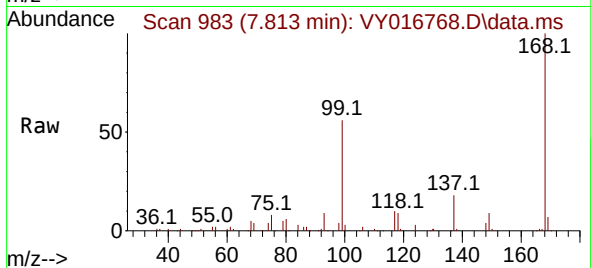




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016768.D
Acq: 21 Dec 2023 19:44

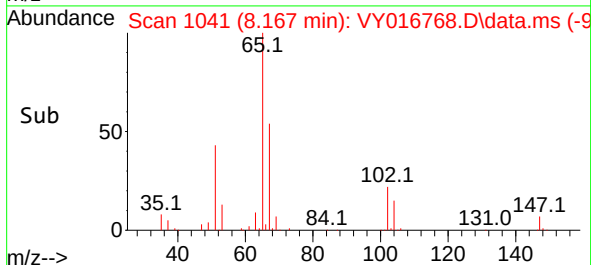
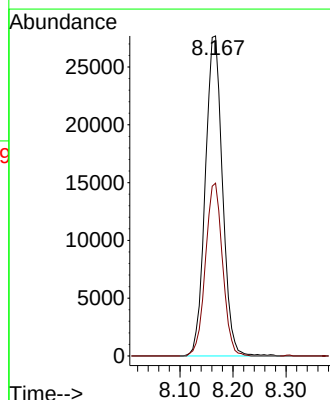
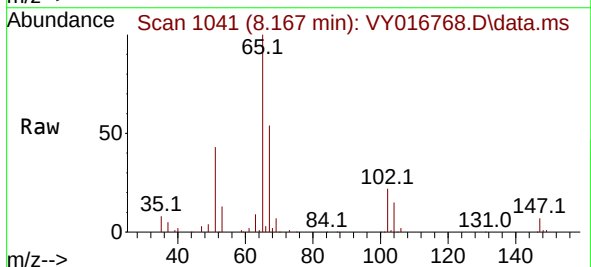
Instrument :
MSVOA_Y
ClientSampleId :
COLZ4

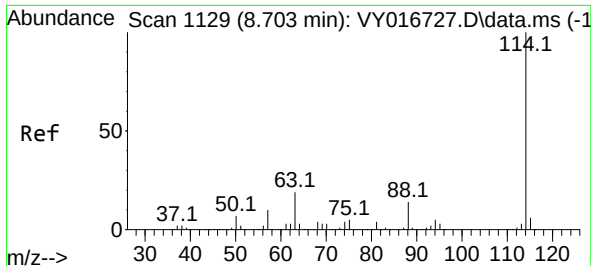
Tgt Ion:168 Resp: 110715
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 61.738 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016768.D
Acq: 21 Dec 2023 19:44

Tgt Ion: 65 Resp: 62399
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.0

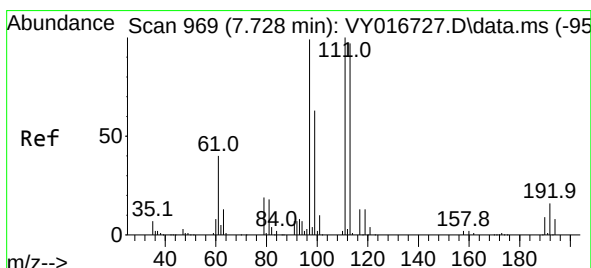
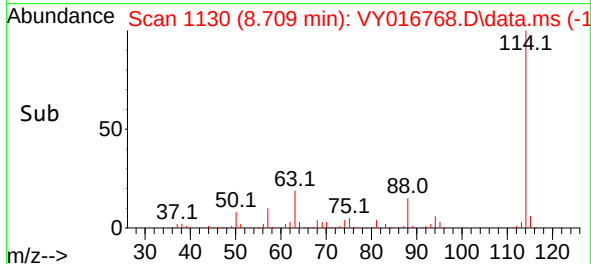
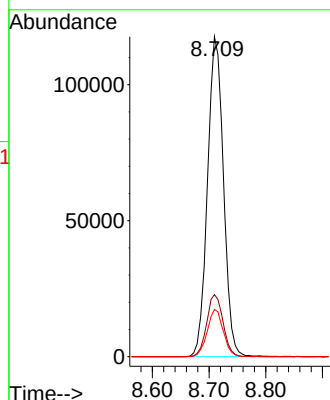
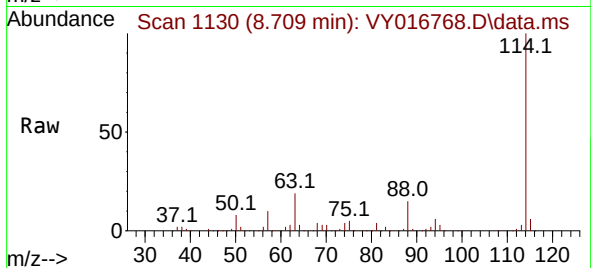




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016768.D
Acq: 21 Dec 2023 19:44

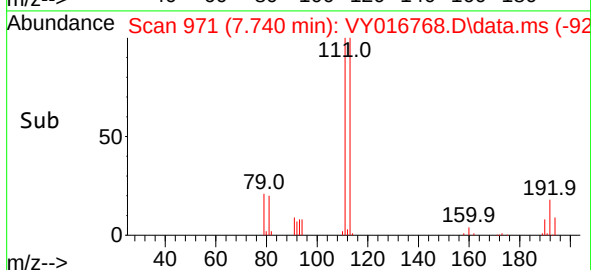
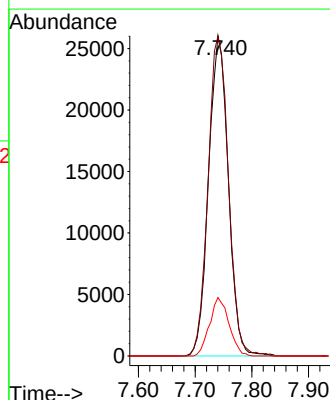
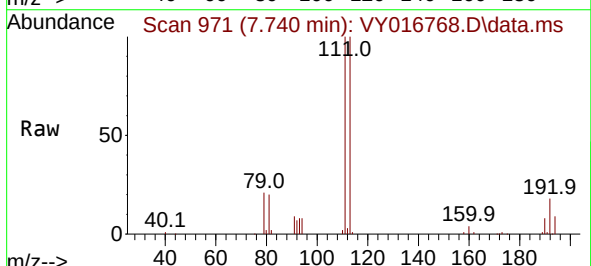
Instrument :
MSVOA_Y
ClientSampleId :
COLZ4

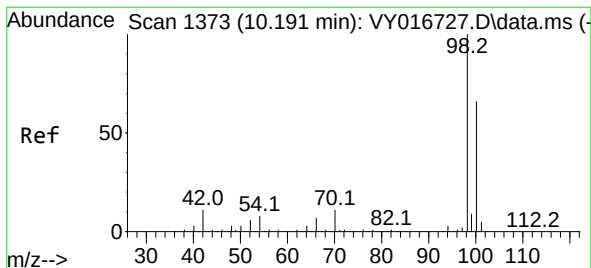
Tgt Ion:114 Resp: 230252
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 14.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 47.820 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY016768.D
Acq: 21 Dec 2023 19:44

Tgt Ion:113 Resp: 63072
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.9 14.5 21.7

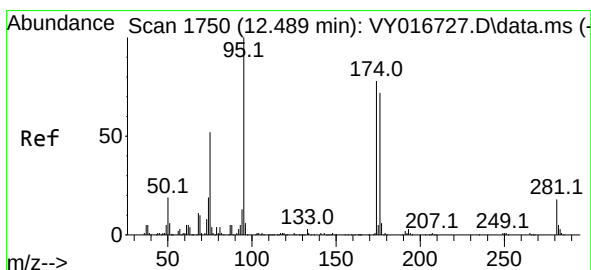
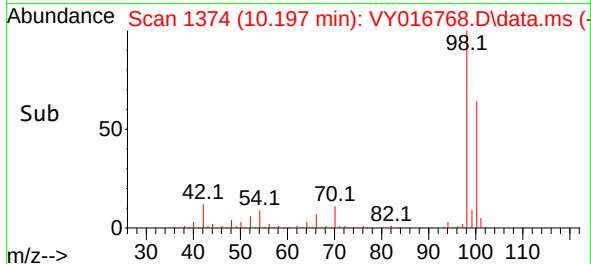
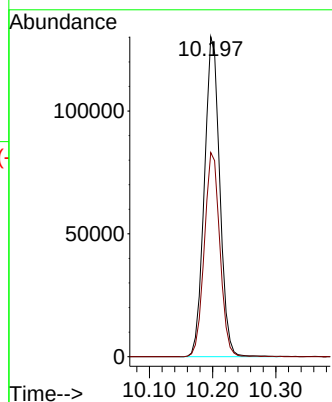
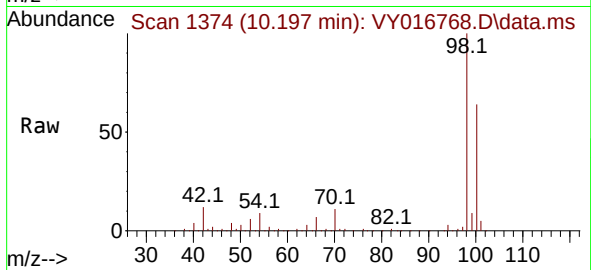




#50
Toluene-d8
Concen: 46.401 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016768.D
Acq: 21 Dec 2023 19:44

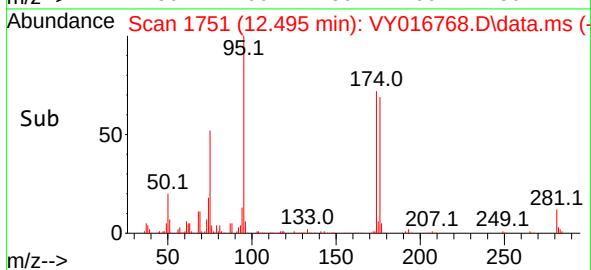
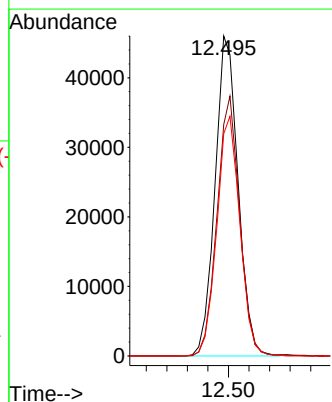
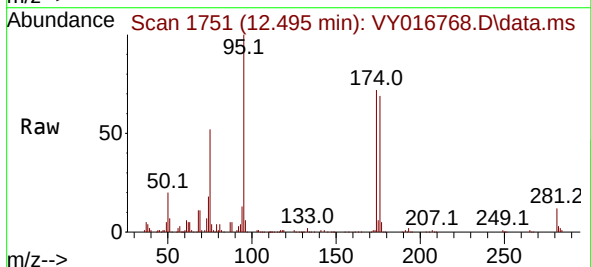
Instrument :
MSVOA_Y
ClientSampleId :
COLZ4

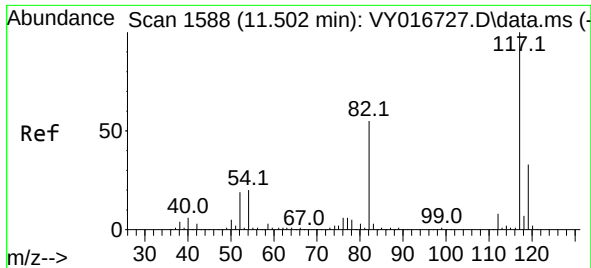
Tgt Ion: 98 Resp: 220619
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.321 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016768.D
Acq: 21 Dec 2023 19:44

Tgt Ion: 95 Resp: 71453
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.0
176 74.9 0.0 151.8

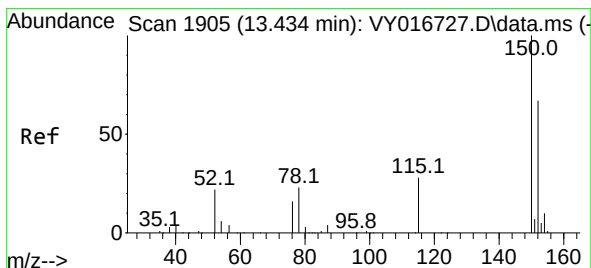
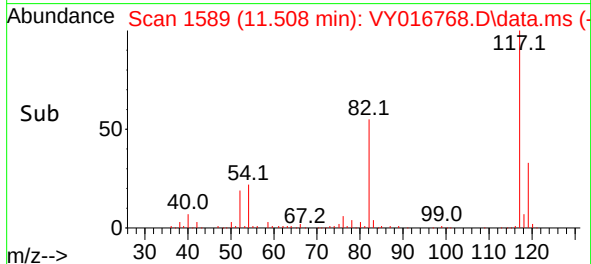
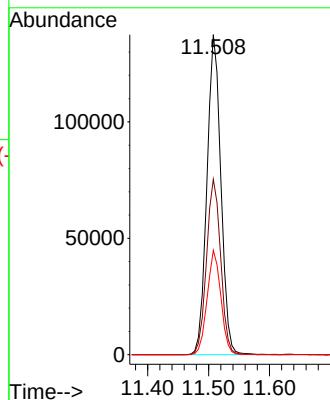
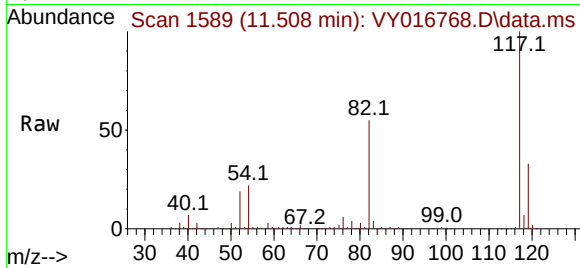




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016768.D
Acq: 21 Dec 2023 19:44

Instrument :
MSVOA_Y
ClientSampleId :
COLZ4

Tgt Ion:117 Resp: 218591
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016768.D
Acq: 21 Dec 2023 19:44

Tgt Ion:152 Resp: 79829
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 159.2 0.0 344.6

