

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008587.D
 Acq On : 03 May 2022 13:21
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 03 16:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	159378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71997	46.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.960%
35) Dibromofluoromethane	7.722	113	82148	45.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.179	98	328386	51.866	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.483	95	123322	53.142	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.280%

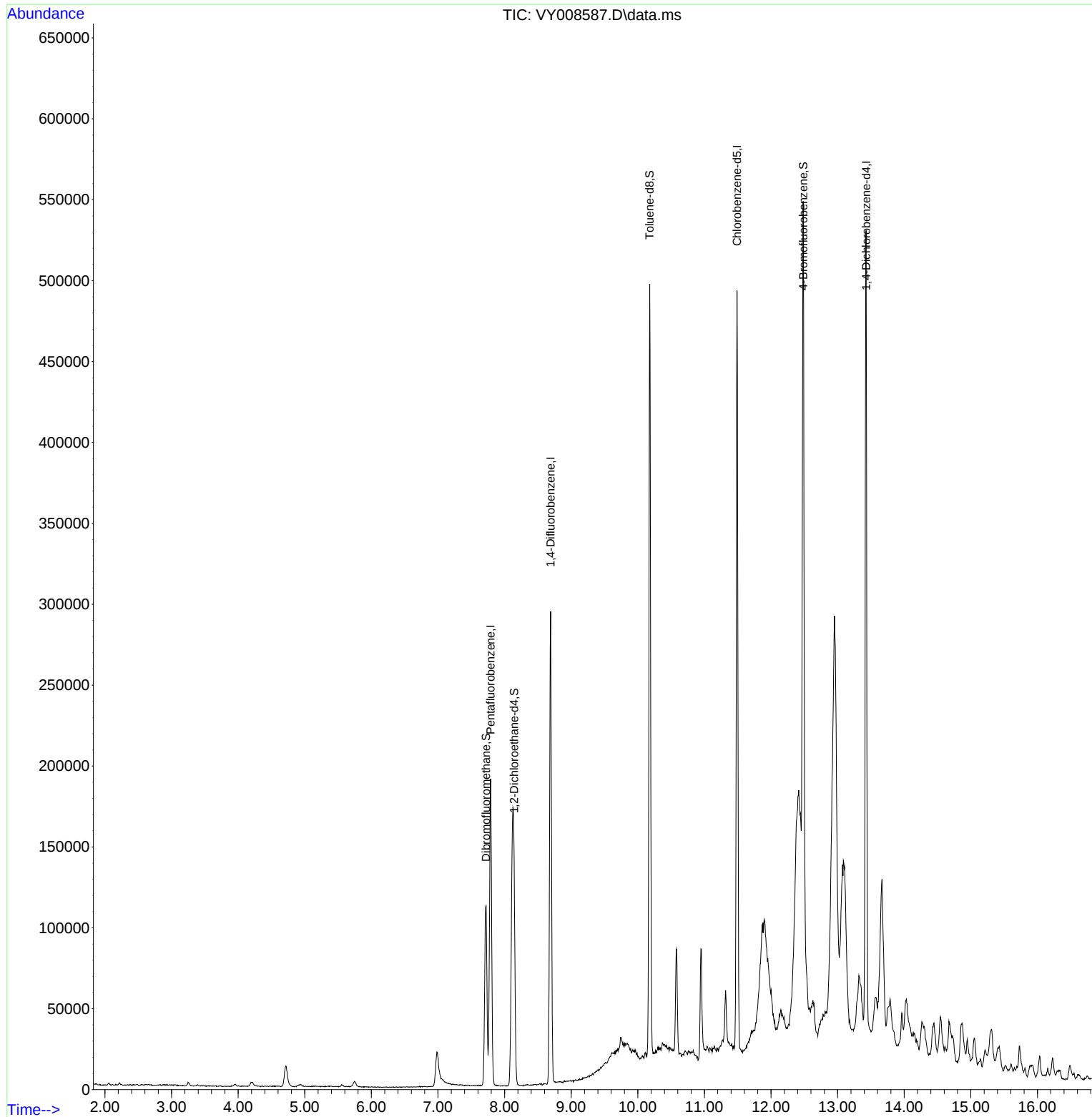
Target Compounds	Qvalue

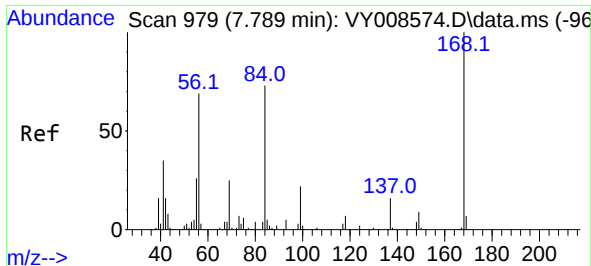
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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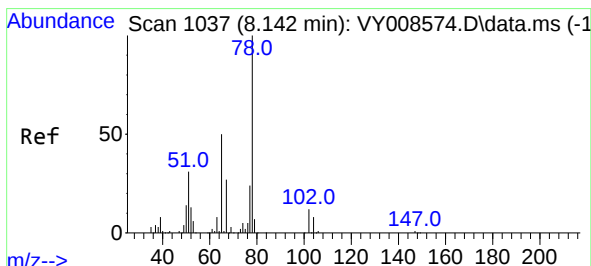
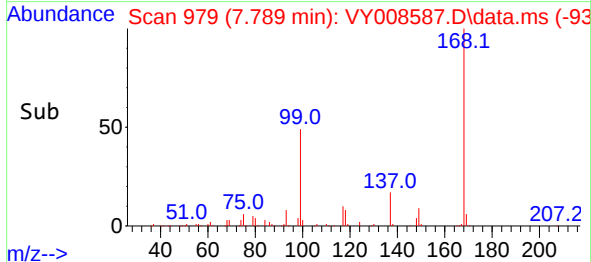
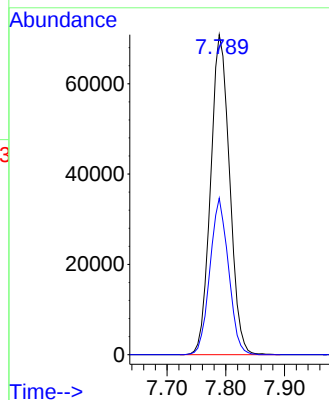
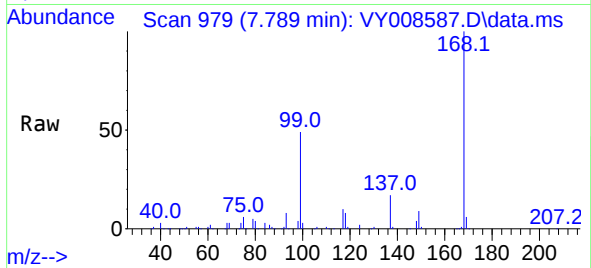




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

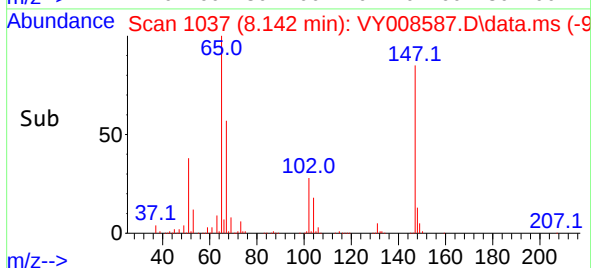
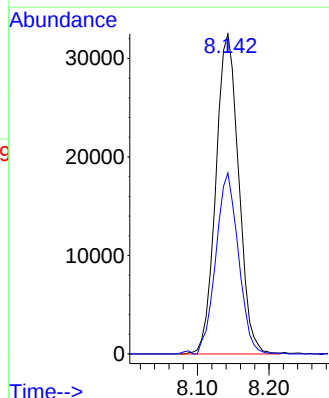
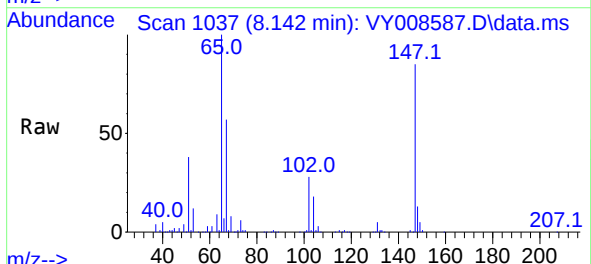
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

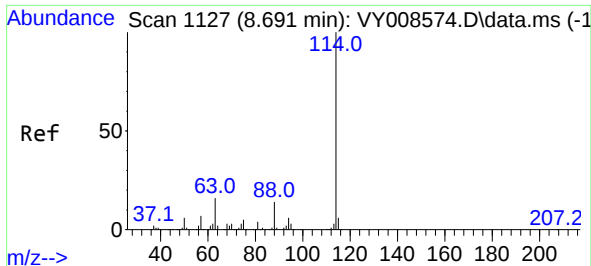
Tgt Ion:168 Resp: 159378
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.479 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion: 65 Resp: 71997
Ion Ratio Lower Upper
65 100
67 55.9 0.0 99.4

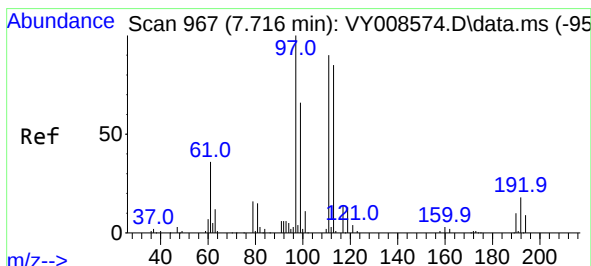
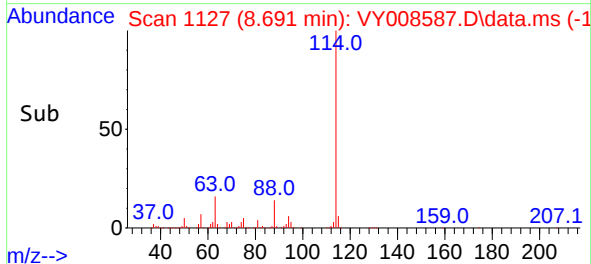
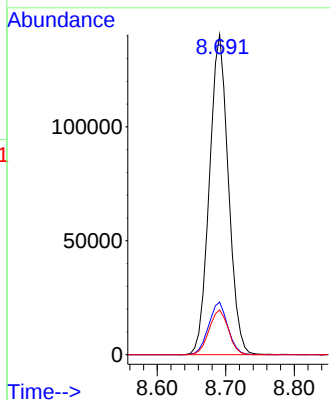
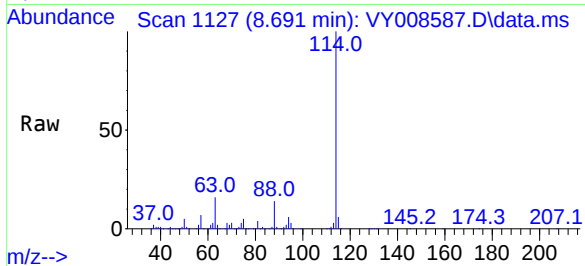




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY008587.D
 Acq: 03 May 2022 13:21

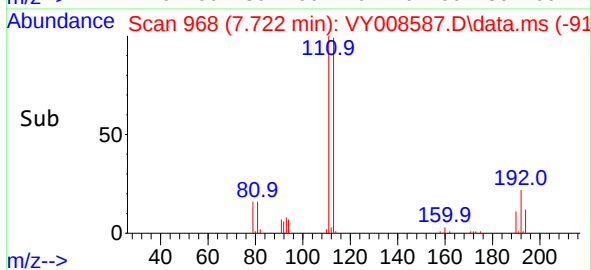
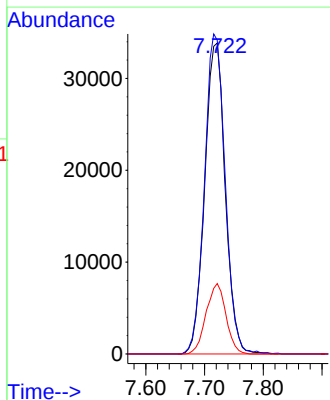
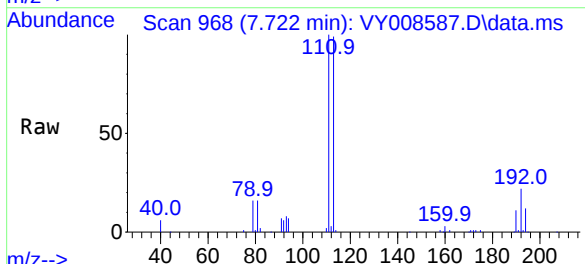
Instrument :
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 VIBLK

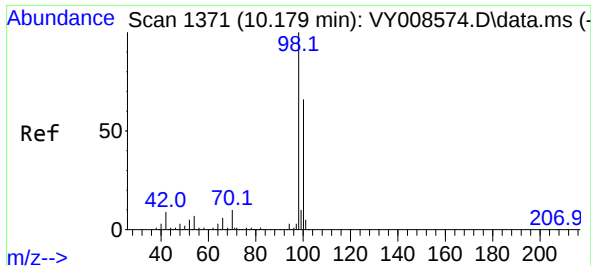
Tgt Ion:114 Resp: 270078
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 43.2
 88 14.0 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 45.967 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY008587.D
 Acq: 03 May 2022 13:21

Tgt Ion:113 Resp: 82148
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.6 124.0
 192 21.9 17.6 26.4

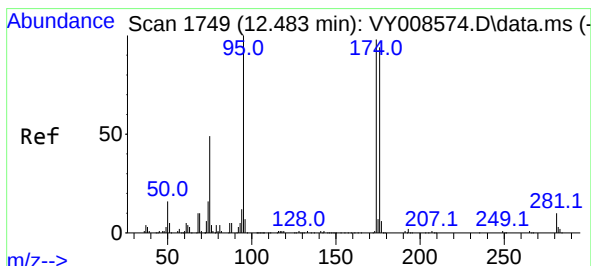
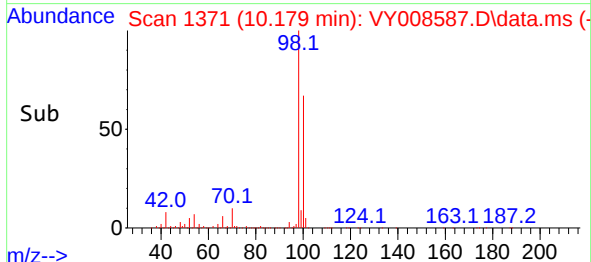
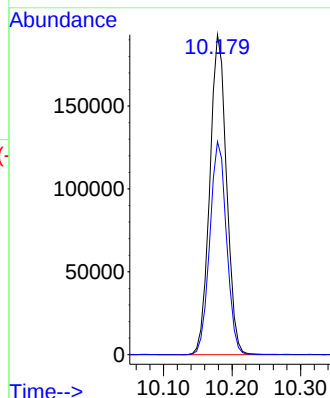
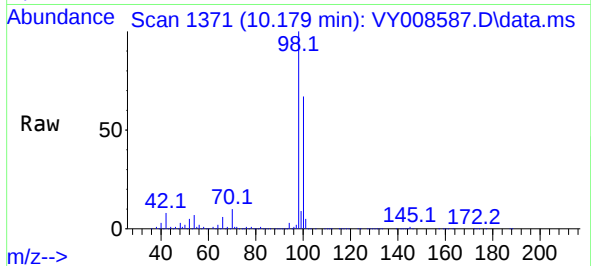




#50
Toluene-d8
Concen: 51.866 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

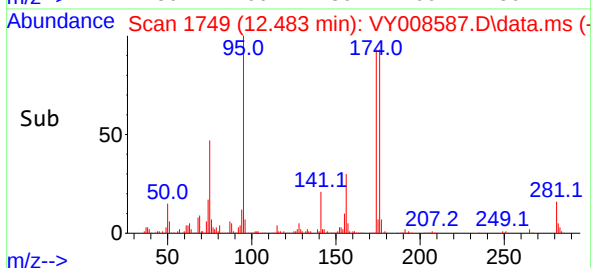
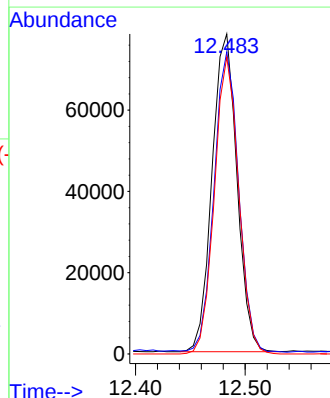
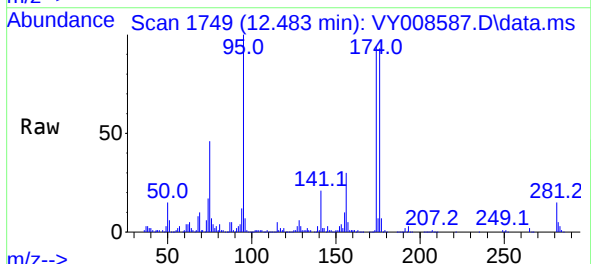
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

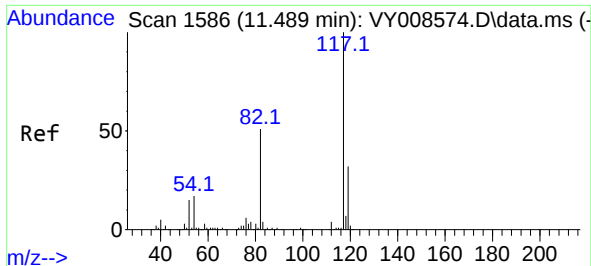
Tgt Ion: 98 Resp: 328386
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.142 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion: 95 Resp: 123322
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 91.3 0.0 175.8

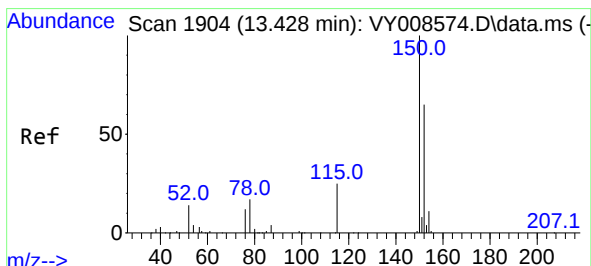
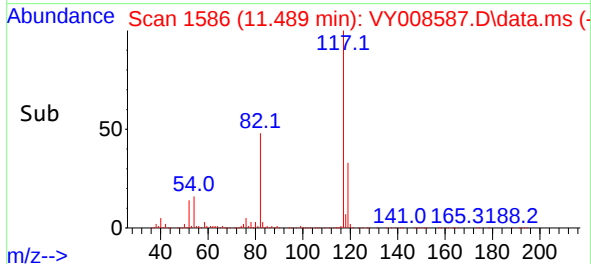
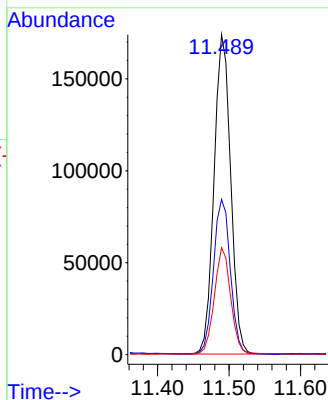
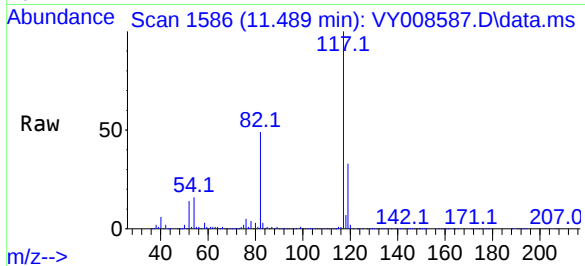




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 280741
Ion Ratio Lower Upper
117 100
82 48.5 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008587.D
Acq: 03 May 2022 13:21

Tgt Ion:152 Resp: 138246
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 158.4 0.0 347.6

