

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008541.D
 Acq On : 28 Apr 2022 12:39
 Operator : KP/MD
 Sample : N2564-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

Quant Time: Apr 29 01:59:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	78922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45845	49.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.740%
35) Dibromofluoromethane	7.716	113	45672	49.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.179	98	174620	47.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.483	95	61155	49.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.540%

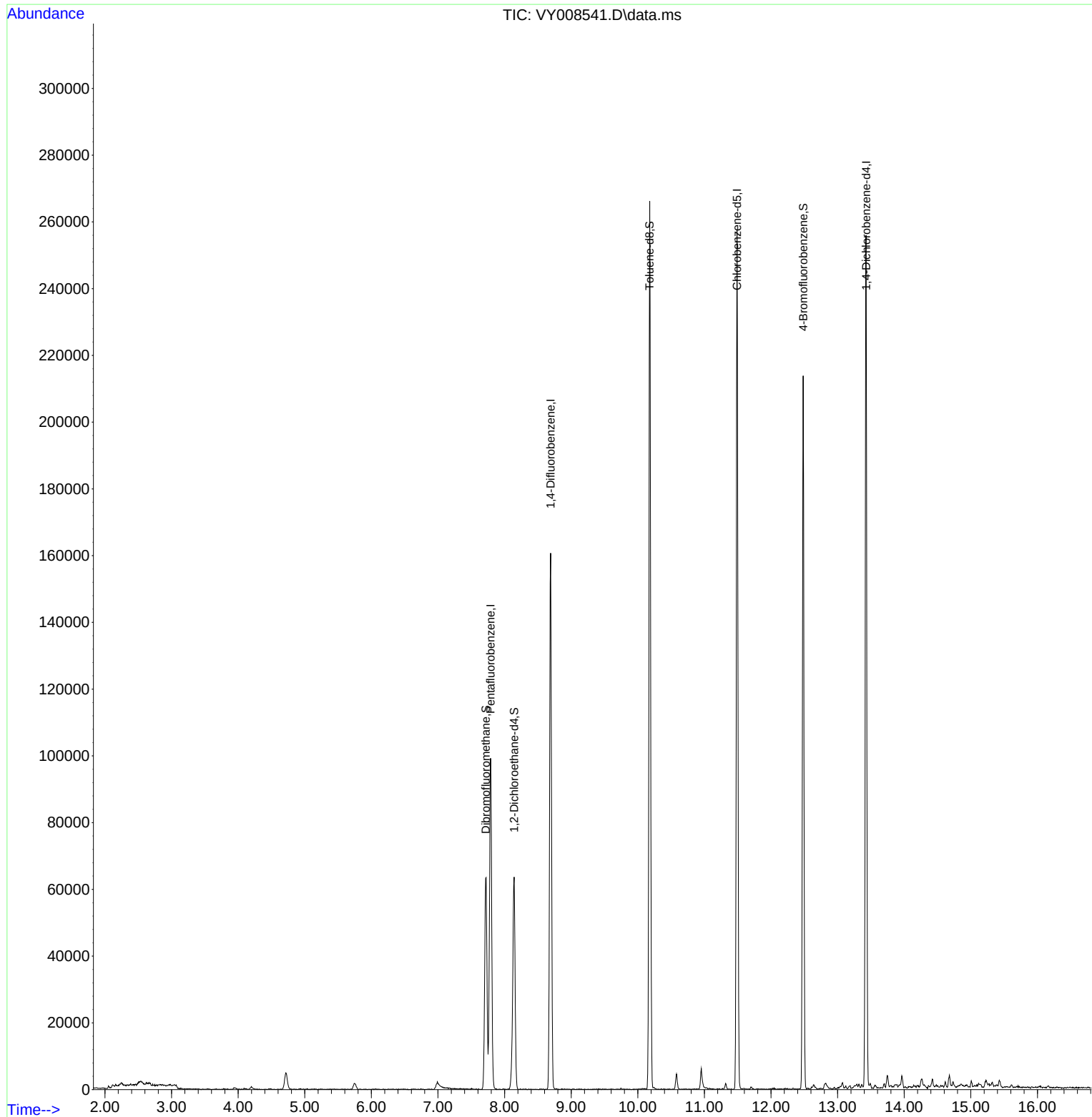
Target Compounds	Qvalue

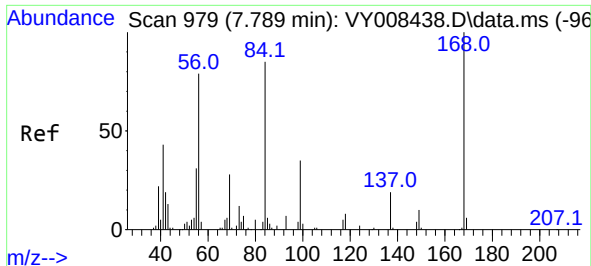
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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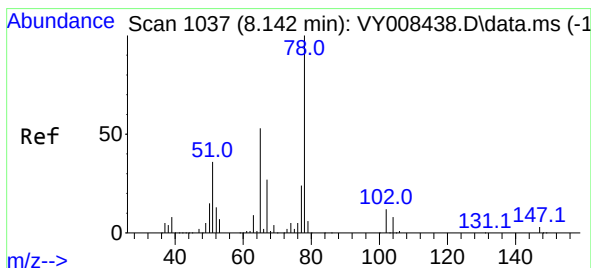
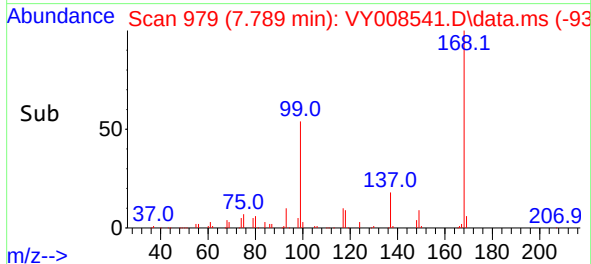
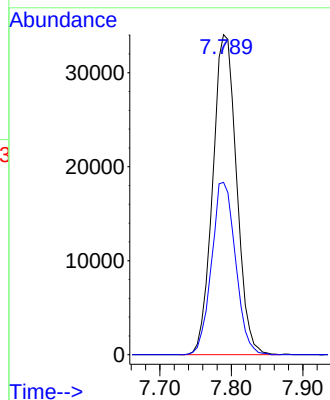
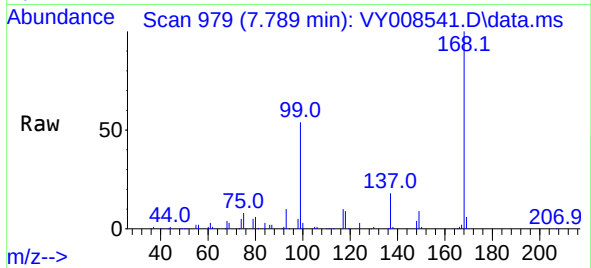




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

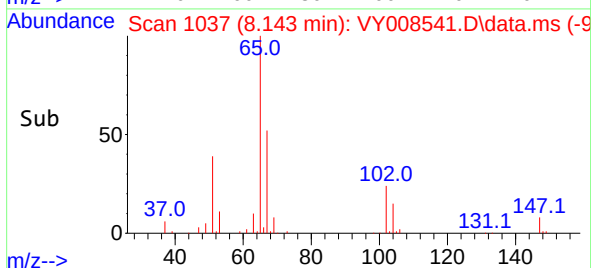
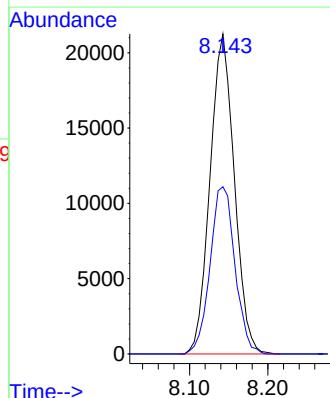
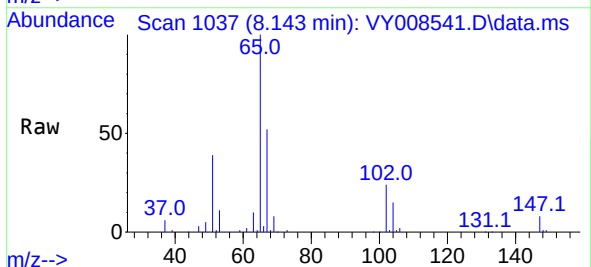
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

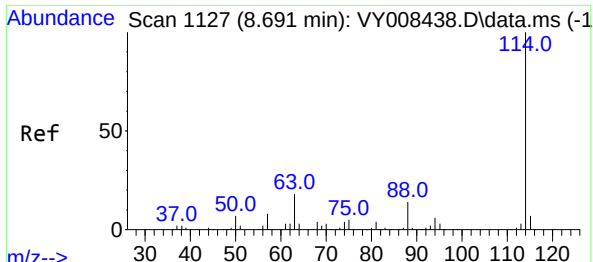
Tgt Ion:168 Resp: 78922
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.369 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

Tgt Ion: 65 Resp: 45845
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

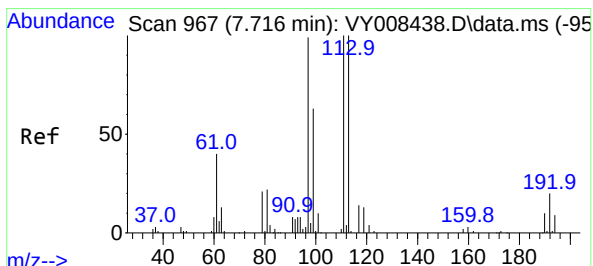
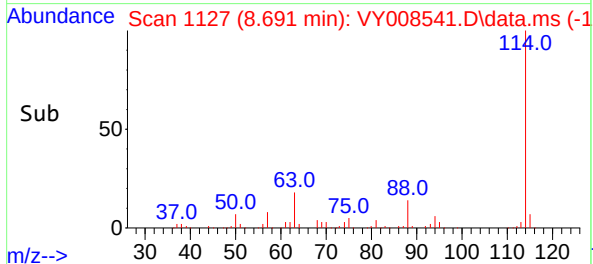
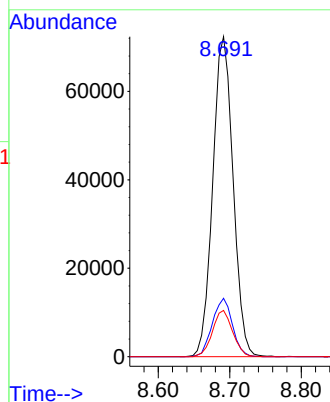
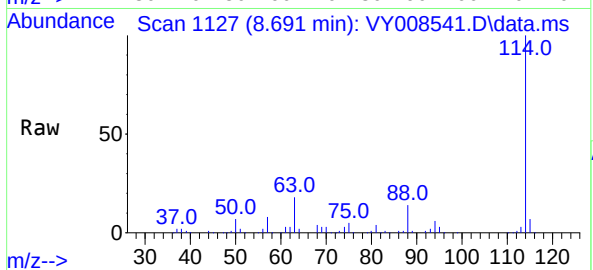




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

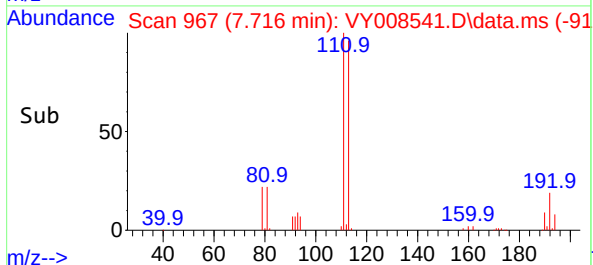
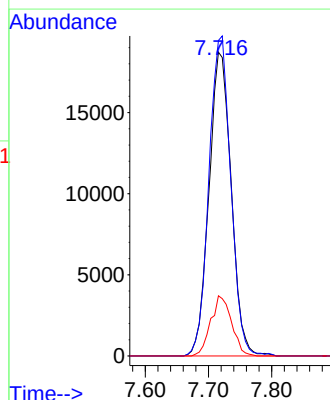
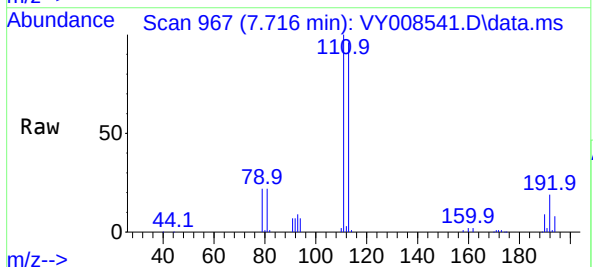
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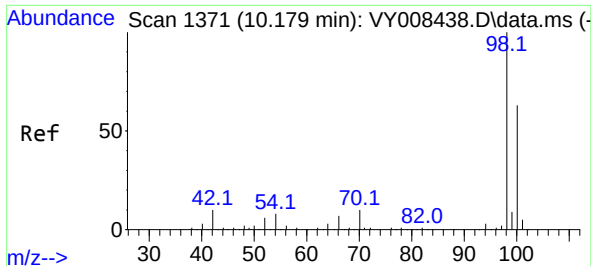
Tgt Ion:114 Resp: 142836
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.2
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.544 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

Tgt Ion:113 Resp: 45672
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.6 17.6 26.4

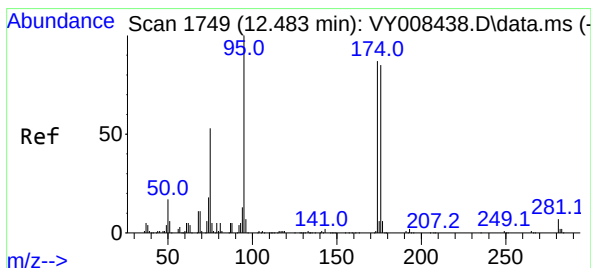
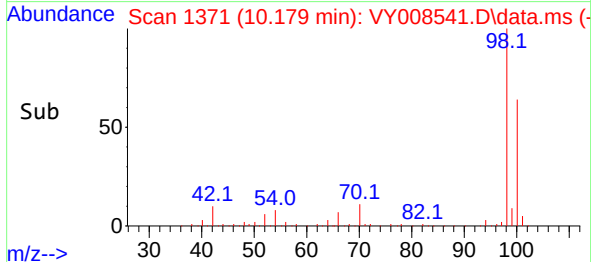
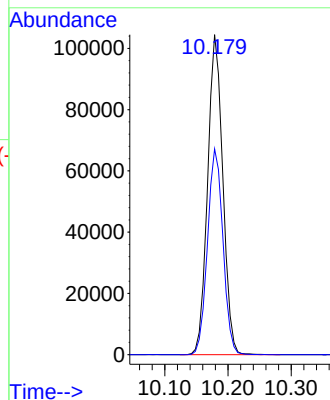
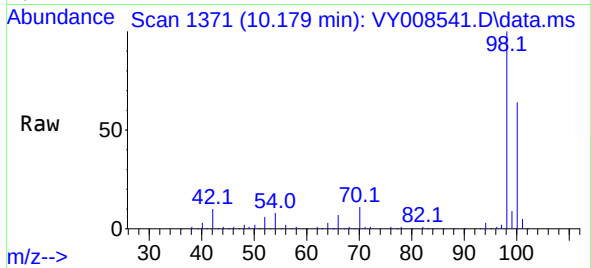




#50
Toluene-d8
Concen: 47.640 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

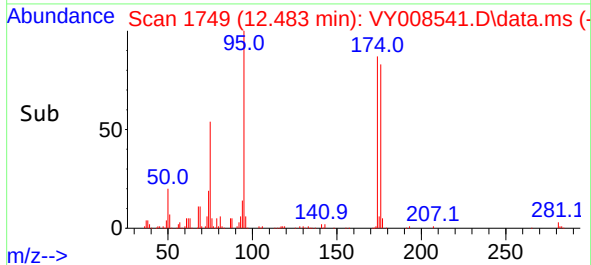
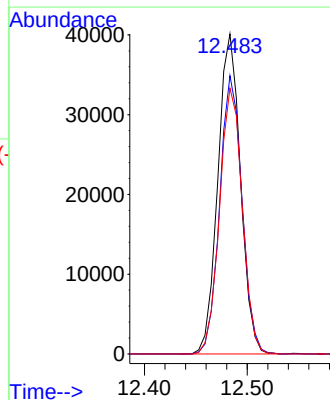
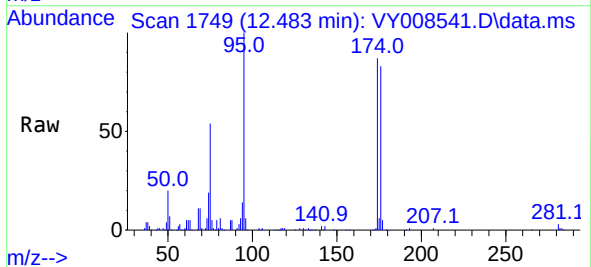
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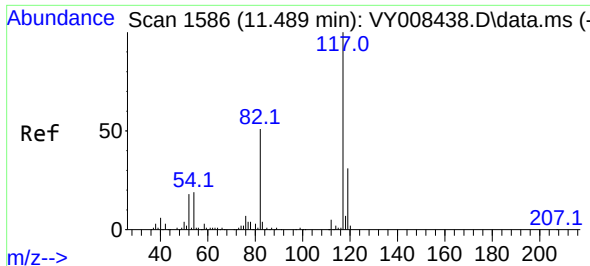
Tgt Ion: 98 Resp: 174620
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.267 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

Tgt Ion: 95 Resp: 61155
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 83.3 0.0 175.8

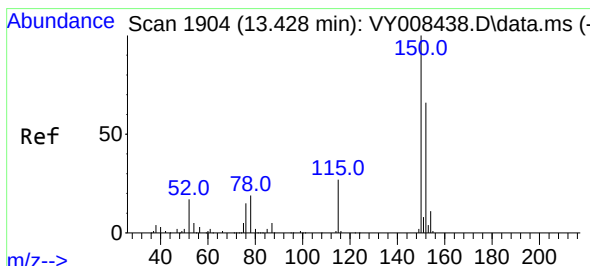
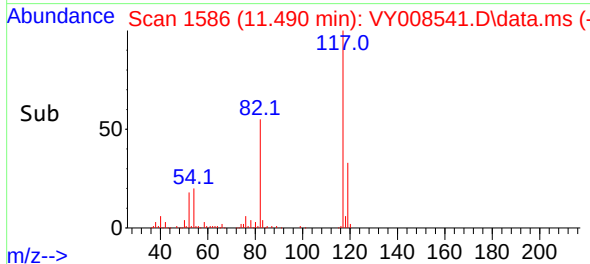
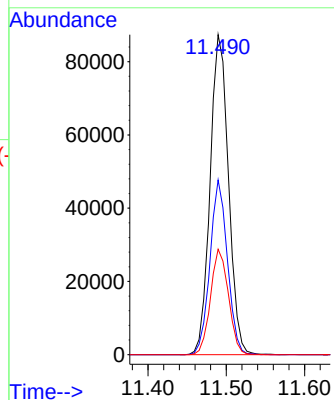
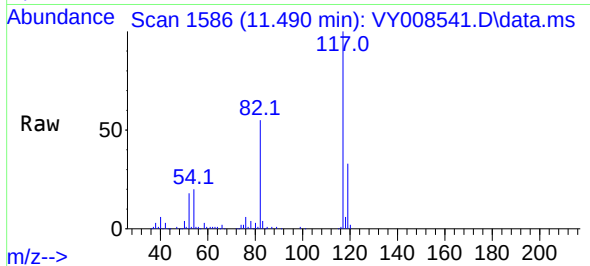




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008541.D
Acq: 28 Apr 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

Tgt Ion:117 Resp: 142260
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 33.0 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: VY008541.D
Acq: 28 Apr 2022 12:39

Tgt Ion:152 Resp: 65714
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.9 0.0 347.6

