

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008985.D
 Acq On : 22 May 2022 06:35
 Operator : KP/MD
 Sample : N2887-18
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-0612-01

Quant Time: May 23 02:27:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	115122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	208852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77160	65.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.240%
35) Dibromofluoromethane	7.716	113	67368	51.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.179	98	261946	54.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.340%
62) 4-Bromofluorobenzene	12.483	95	78246	40.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.960%

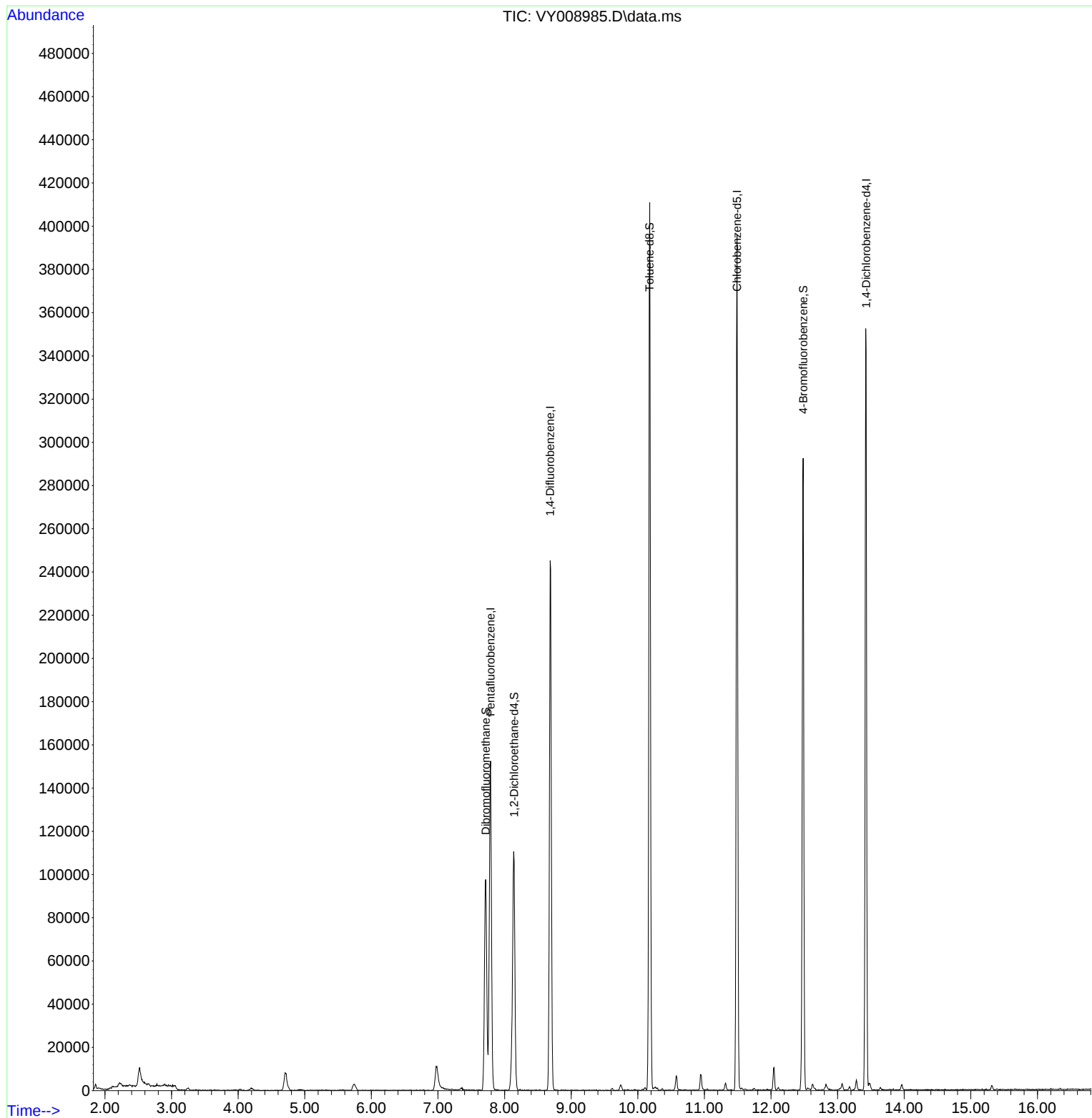
Target Compounds	Qvalue

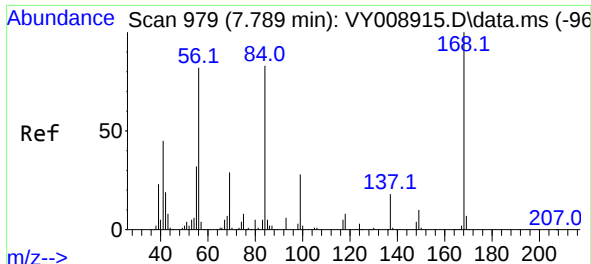
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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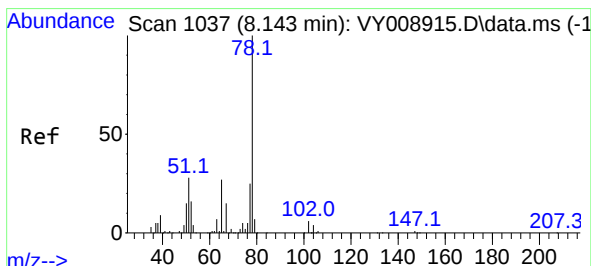
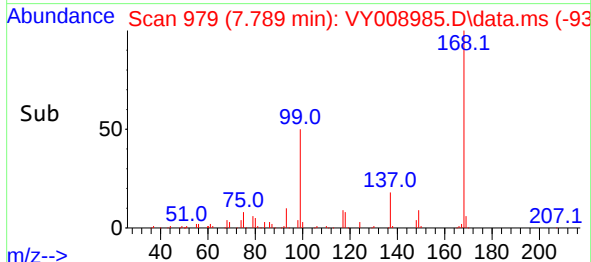
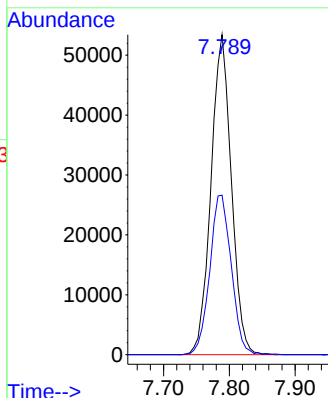
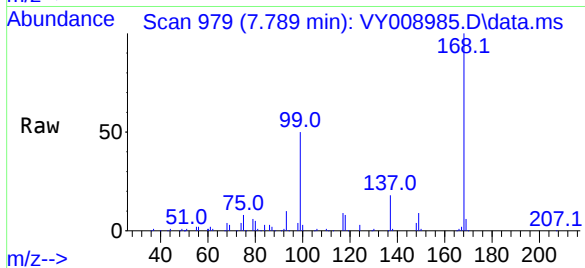




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

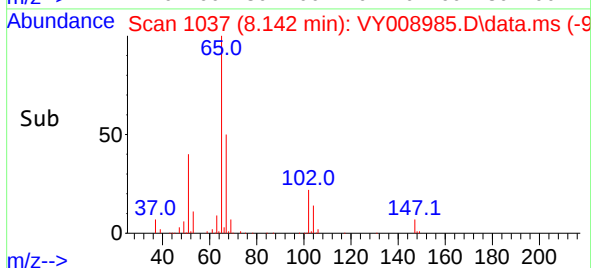
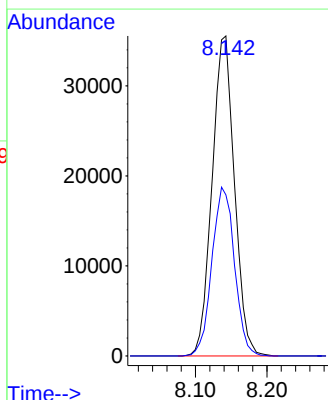
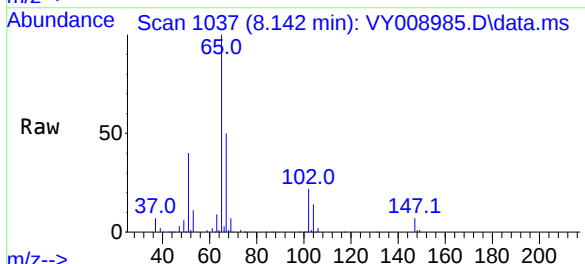
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0612-01

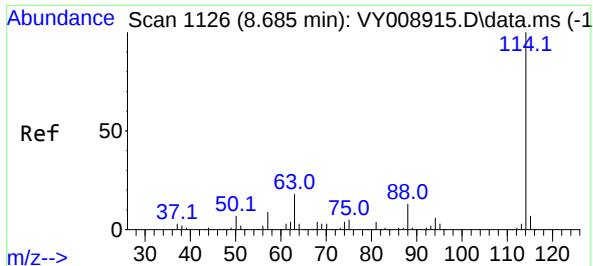
Tgt Ion:168 Resp: 115122
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.124 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion: 65 Resp: 77160
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

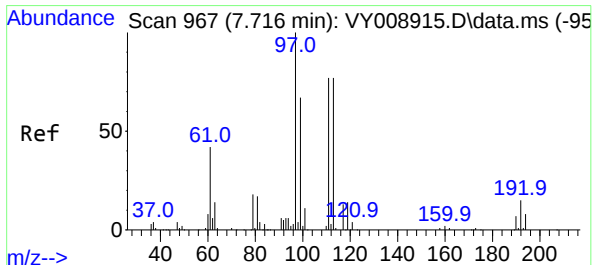
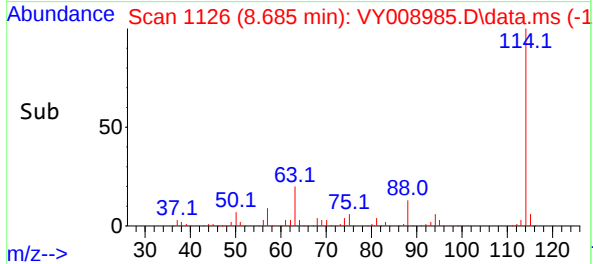
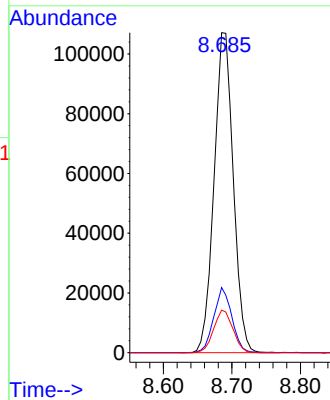
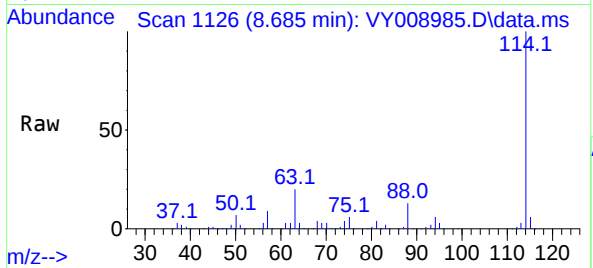




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

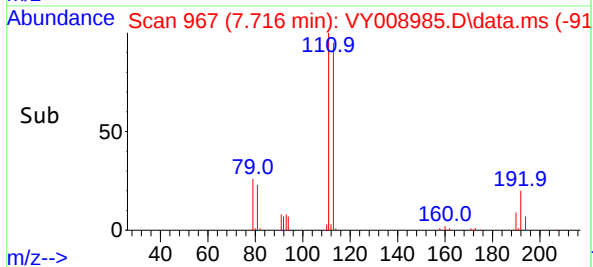
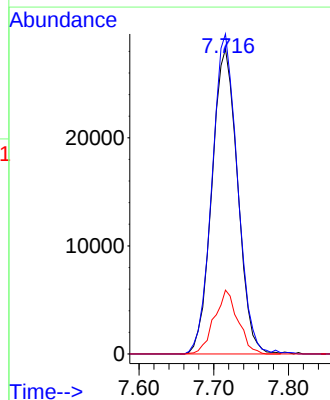
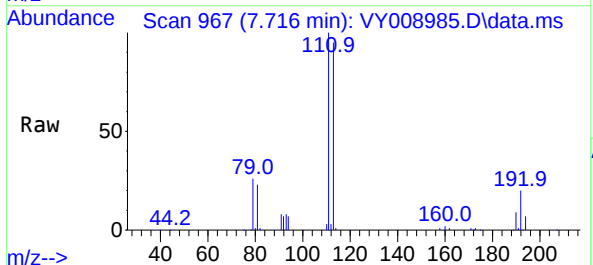
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ClientSampleId :
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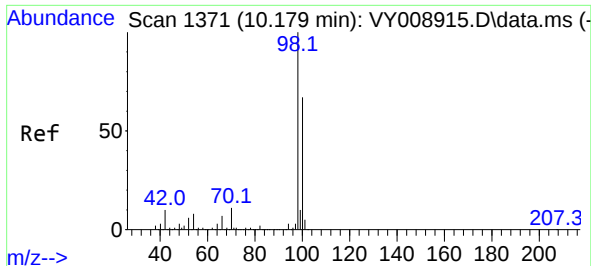
Tgt Ion:	114	Resp:	208852
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	43.2
88	13.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 51.872 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion:	113	Resp:	67368
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	124.0
192	19.3	17.6	26.4

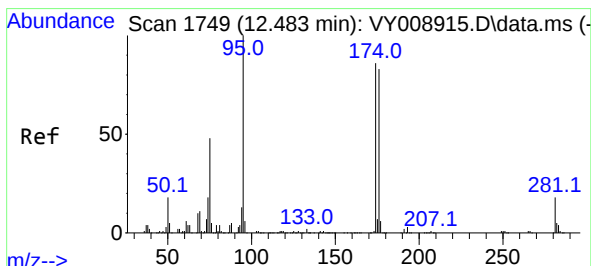
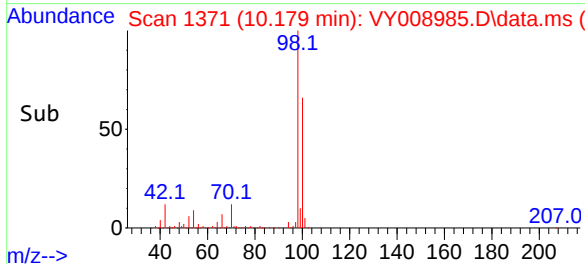
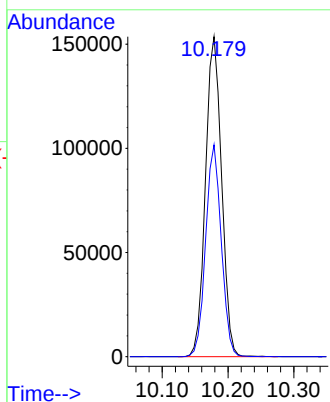
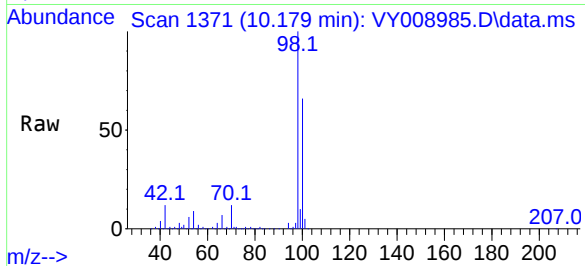




#50
Toluene-d8
Concen: 54.672 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

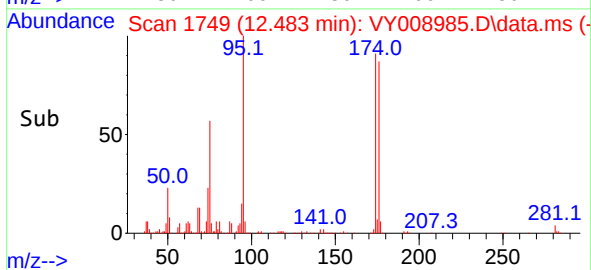
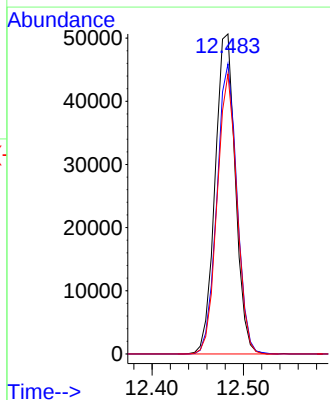
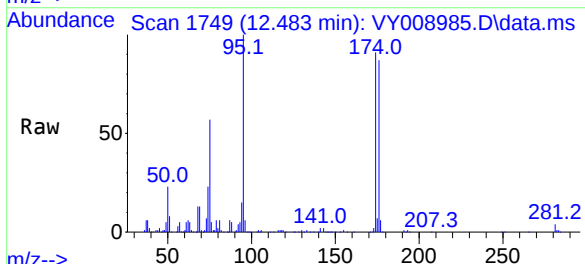
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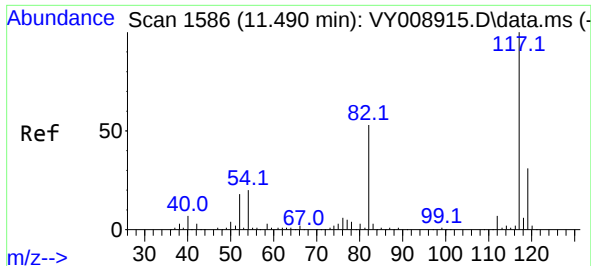
Tgt Ion: 98 Resp: 261946
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion: 95 Resp: 78246
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 85.0 0.0 175.8

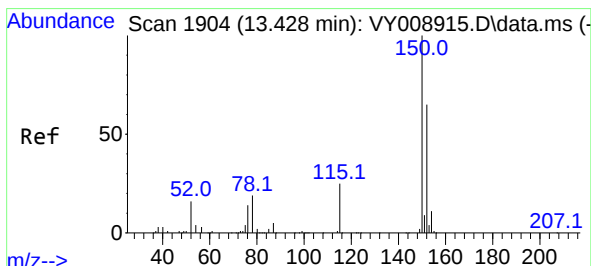
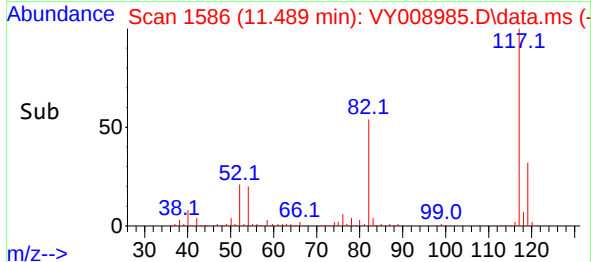
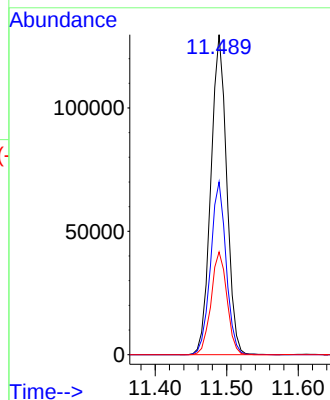
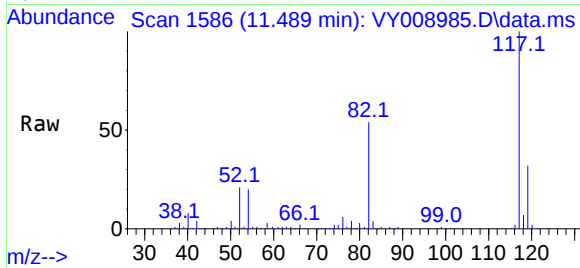




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0612-01

Tgt Ion:117 Resp: 199117
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 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: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion:152 Resp: 85420
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 157.0 0.0 347.6

