

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008423.D
 Acq On : 20 Apr 2022 17:05
 Operator : KP/MD
 Sample : N2476-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-02-041922

Quant Time: Apr 21 02:40:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	94150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55059	62.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.520%
35) Dibromofluoromethane	7.716	113	55094	55.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.780%
50) Toluene-d8	10.179	98	209096	61.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.860%
62) 4-Bromofluorobenzene	12.483	95	69628	54.387	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.780%

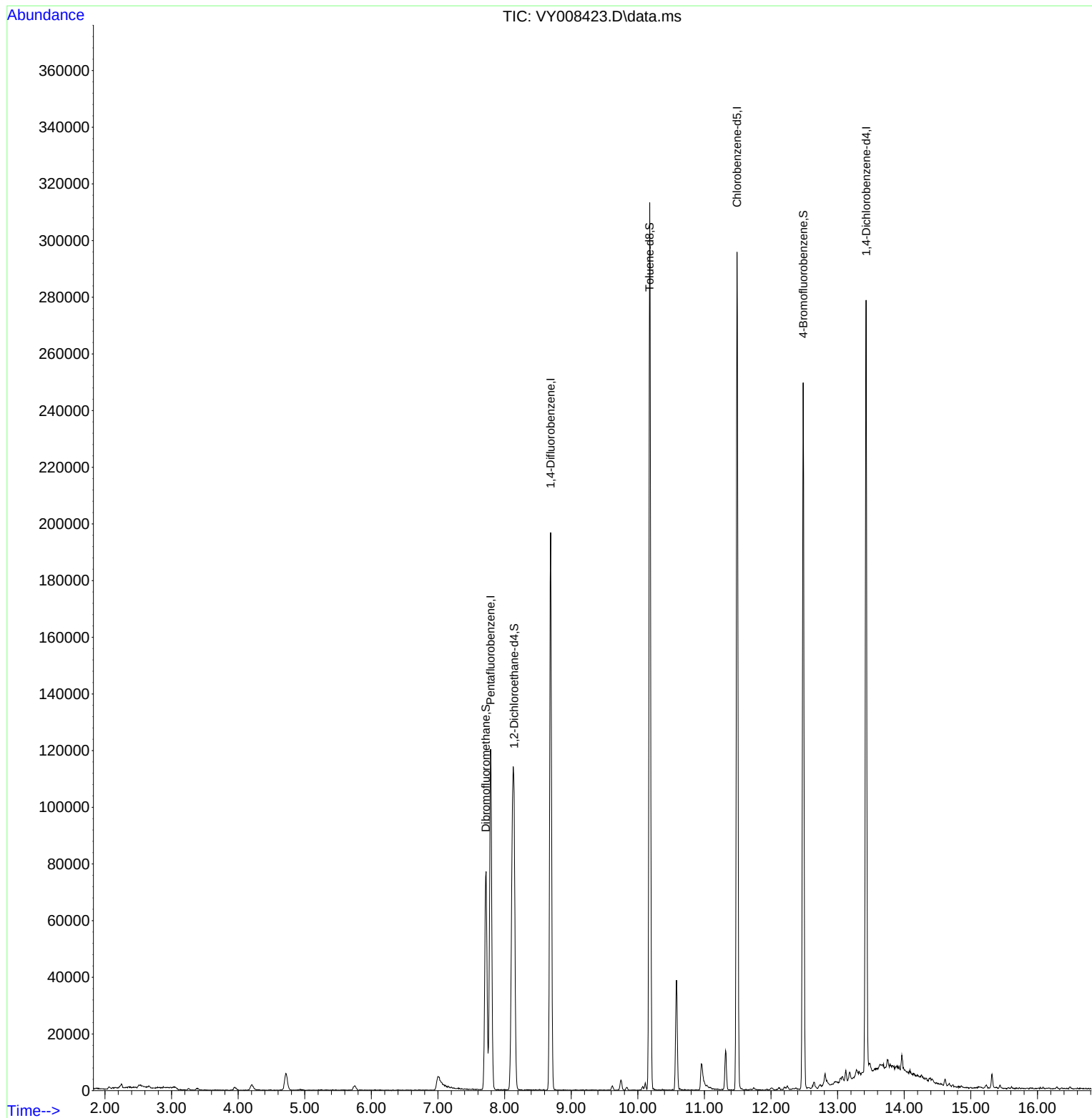
Target Compounds	Qvalue

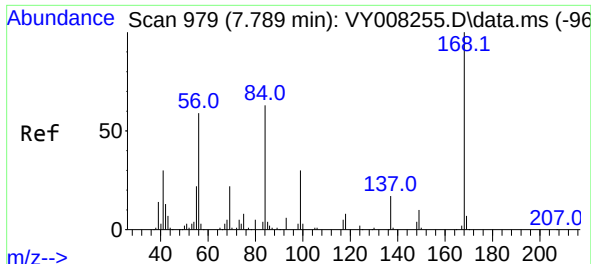
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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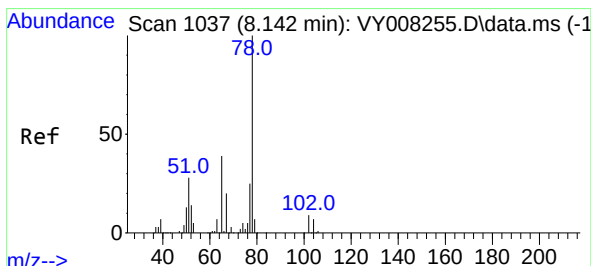
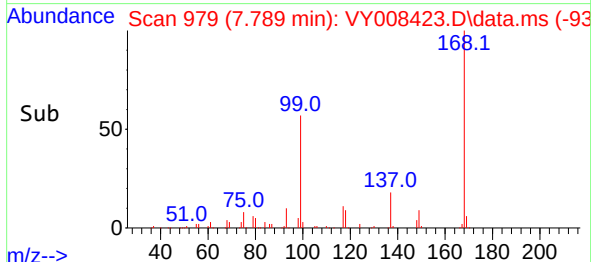
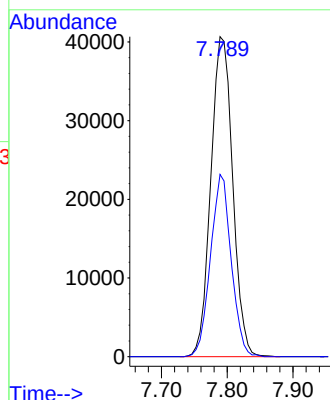
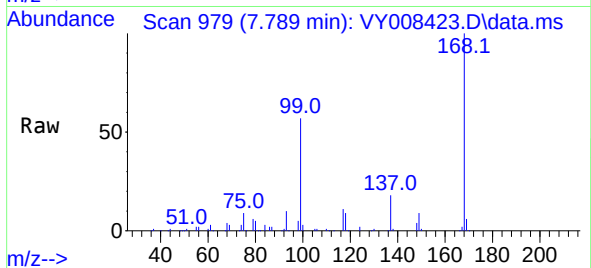




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008423.D
Acq: 20 Apr 2022 17:05

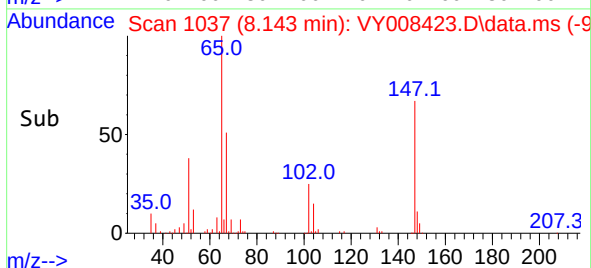
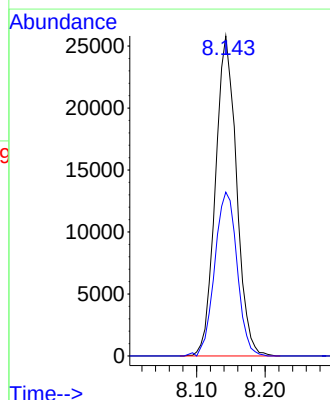
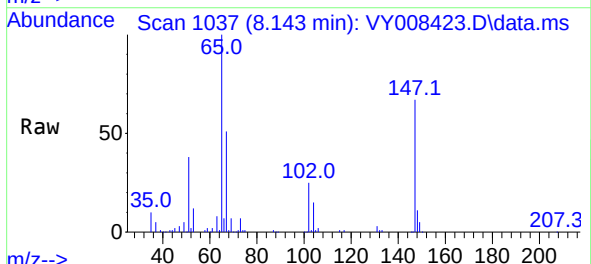
Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-041922

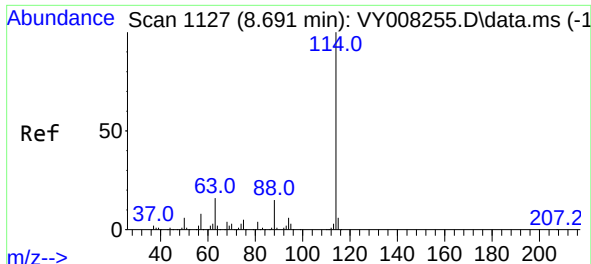
Tgt Ion:168 Resp: 94150
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.258 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008423.D
Acq: 20 Apr 2022 17:05

Tgt Ion: 65 Resp: 55059
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4



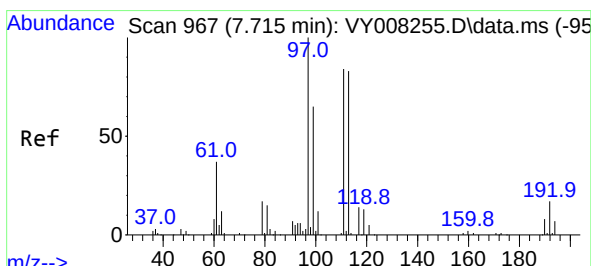
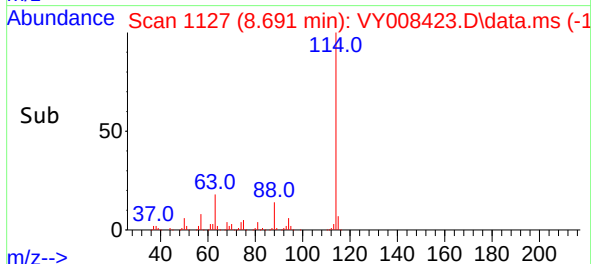
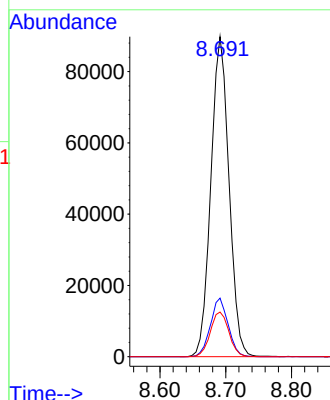
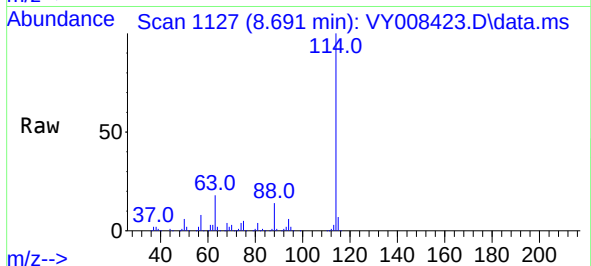


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008423.D
Acq: 20 Apr 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-041922

Tgt Ion:114 Resp: 172223

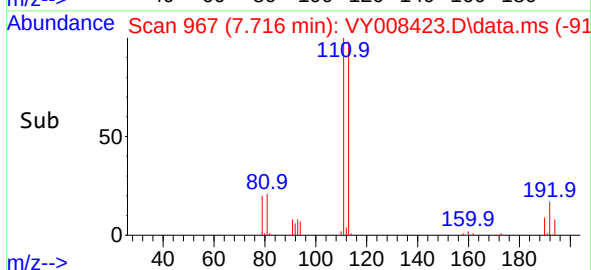
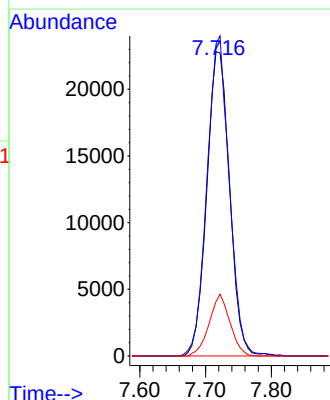
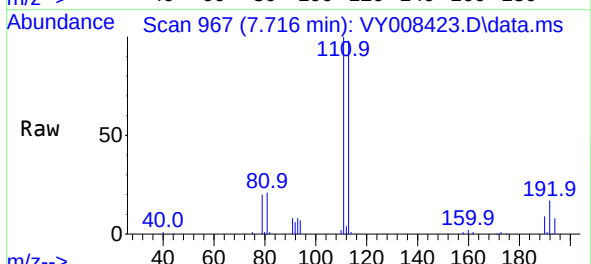
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	43.2
88	14.0	0.0	31.8

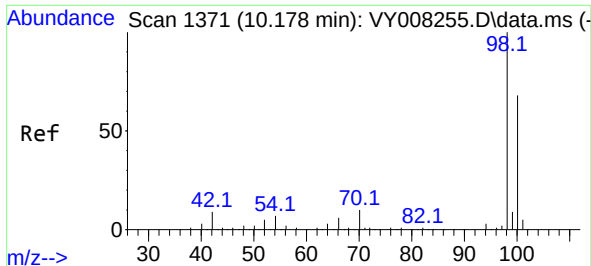


#35
Dibromofluoromethane
Concen: 55.386 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008423.D
Acq: 20 Apr 2022 17:05

Tgt Ion:113 Resp: 55094

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.5	17.6	26.4

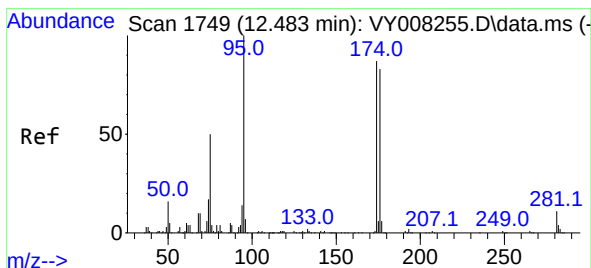
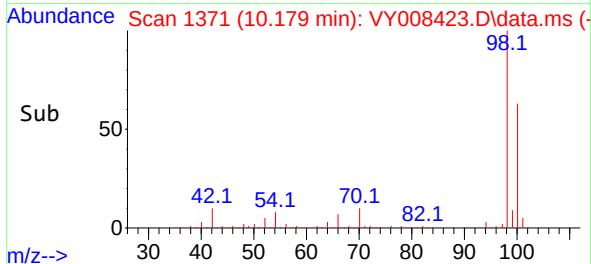
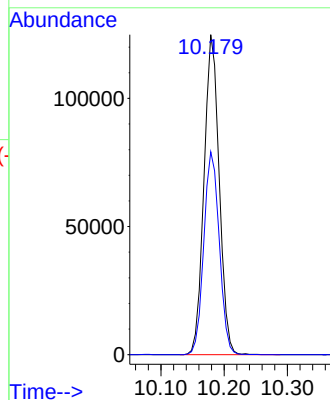
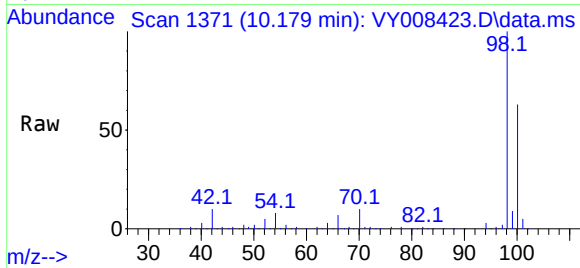




#50
Toluene-d8
Concen: 61.431 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008423.D
Acq: 20 Apr 2022 17:05

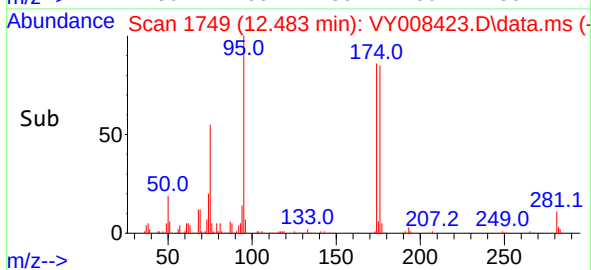
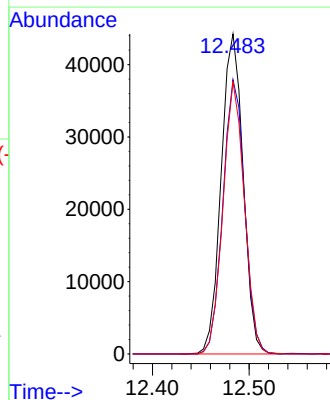
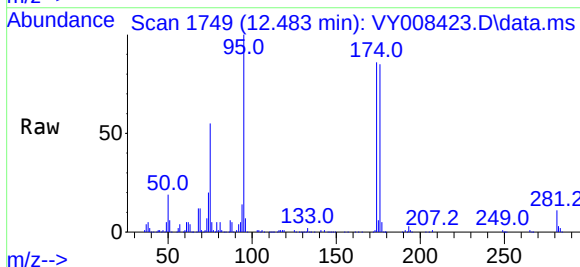
Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-041922

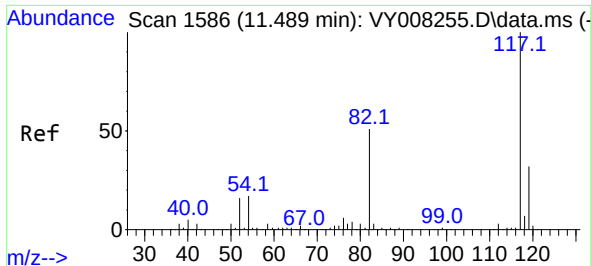
Tgt Ion: 98 Resp: 209096
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.387 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008423.D
Acq: 20 Apr 2022 17:05

Tgt Ion: 95 Resp: 69628
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 82.9 0.0 175.8

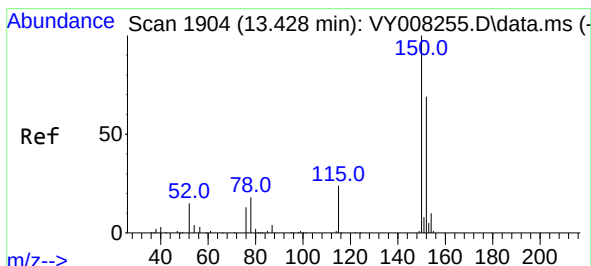
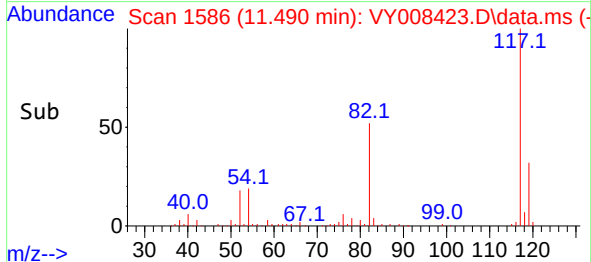
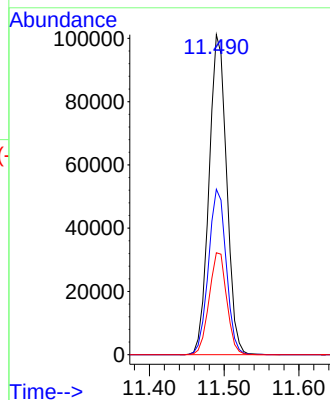
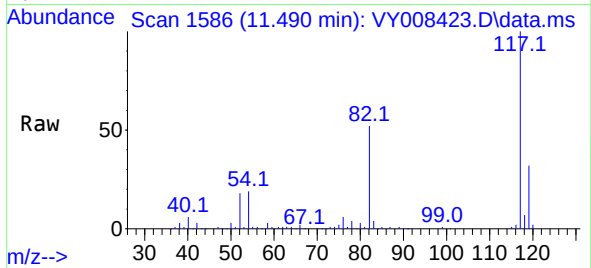




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008423.D
Acq: 20 Apr 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
PAT-02-041922

Tgt Ion:117 Resp: 165361
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 31.8 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: VY008423.D
Acq: 20 Apr 2022 17:05

Tgt Ion:152 Resp: 66694
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 158.9 0.0 347.6

