

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008446.D
 Acq On : 21 Apr 2022 17:25
 Operator : KP/MD
 Sample : N2476-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-041922

Quant Time: Apr 22 05:26:47 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	4003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2680	56.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.800%
35) Dibromofluoromethane	7.722	113	2294	50.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.179	98	8219	45.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.460%
62) 4-Bromofluorobenzene	12.477	95	2652	42.981	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.960%

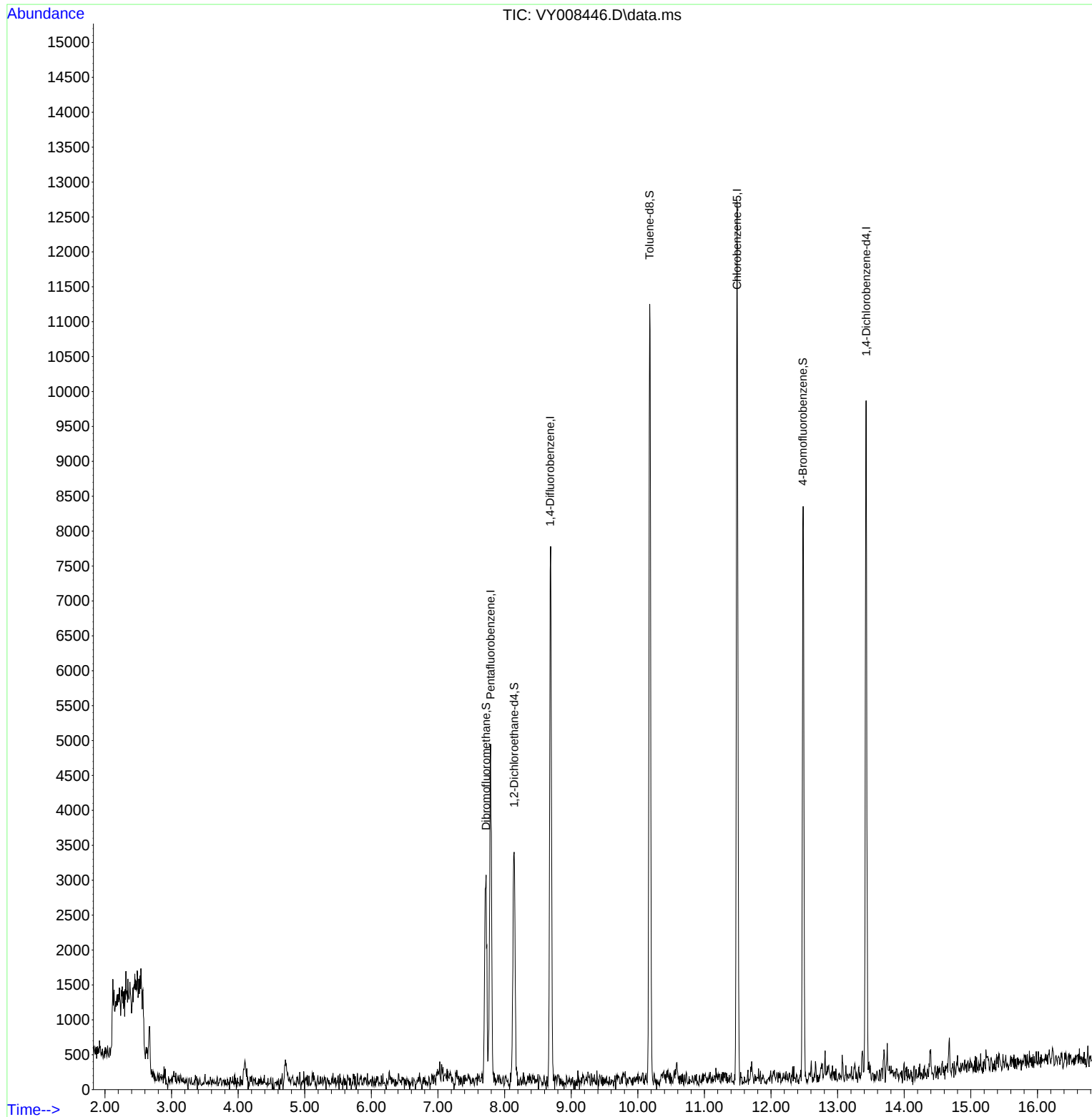
Target Compounds	Qvalue

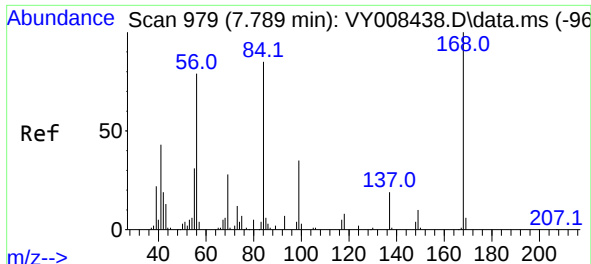
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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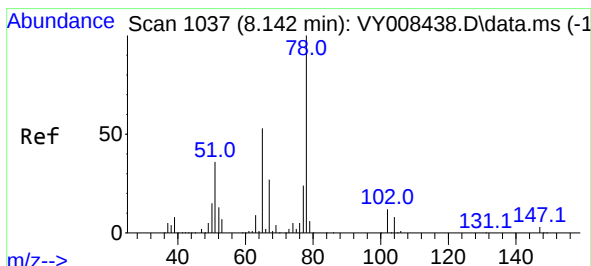
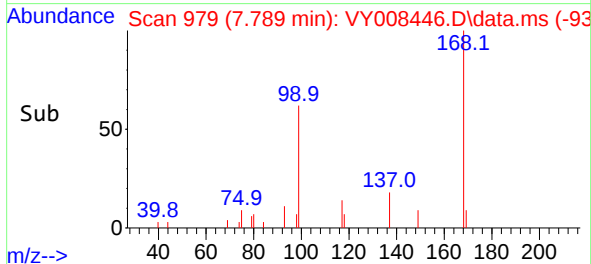
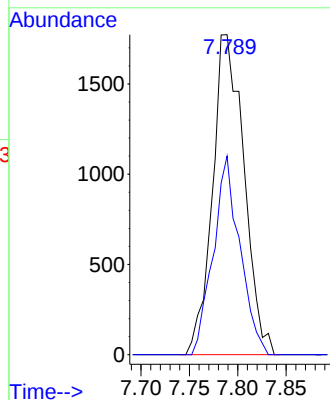
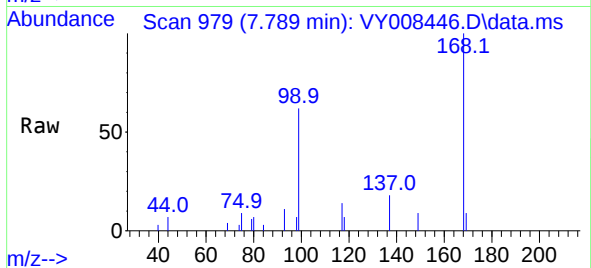




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008446.D
Acq: 21 Apr 2022 17:25

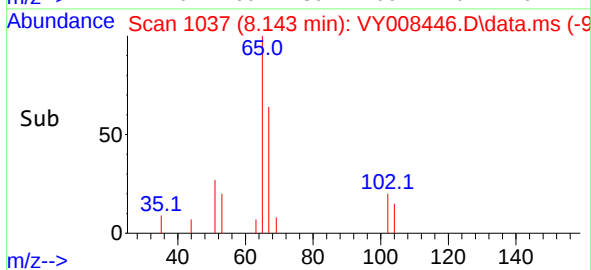
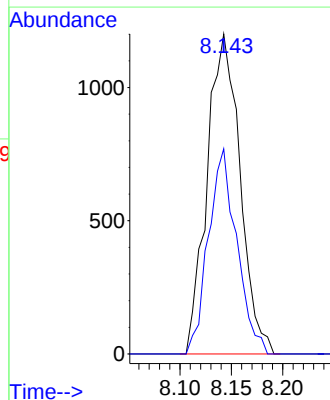
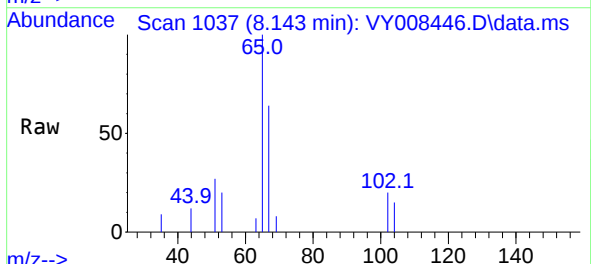
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-041922

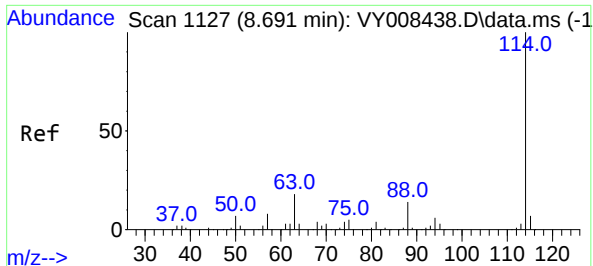
Tgt Ion:168 Resp: 4003
Ion Ratio Lower Upper
168 100
99 62.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.900 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008446.D
Acq: 21 Apr 2022 17:25

Tgt Ion: 65 Resp: 2680
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008446.D

Acq: 21 Apr 2022 17:25

Instrument :

MSVOA_Y

ClientSampleId :

PAT-01-041922

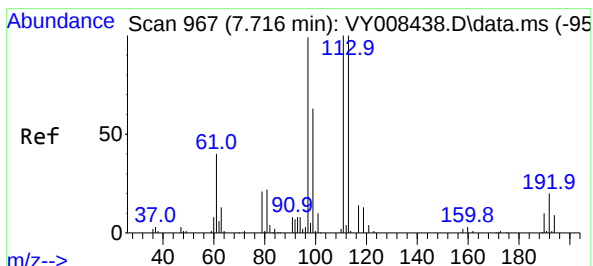
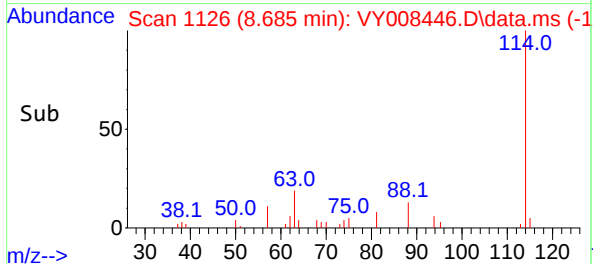
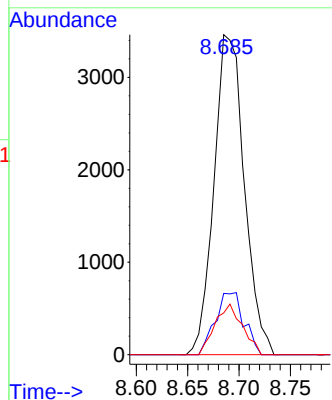
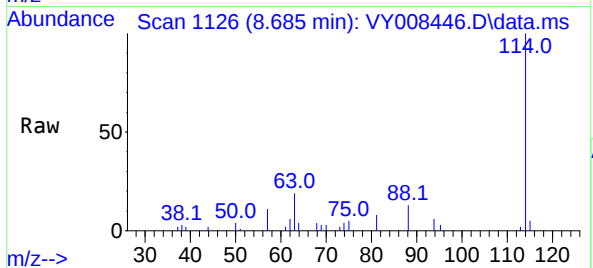
Tgt Ion:114 Resp: 7100

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.063 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008446.D

Acq: 21 Apr 2022 17:25

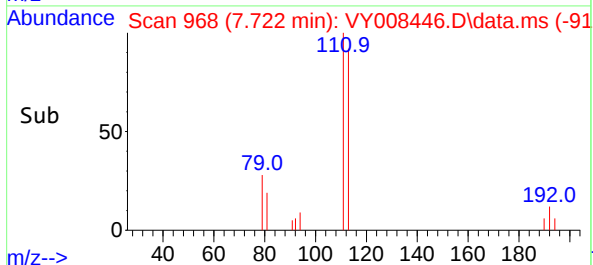
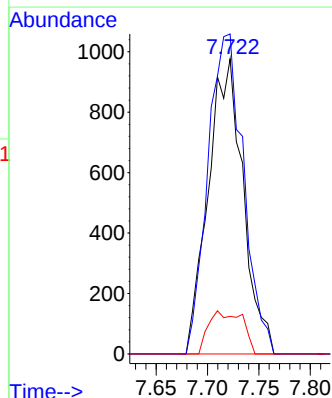
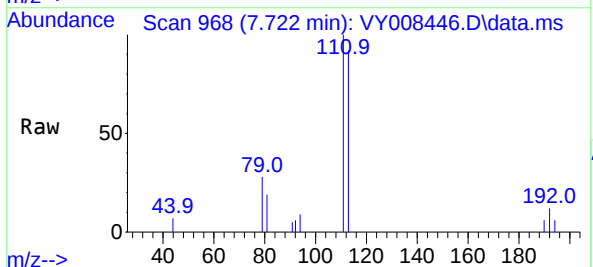
Tgt Ion:113 Resp: 2294

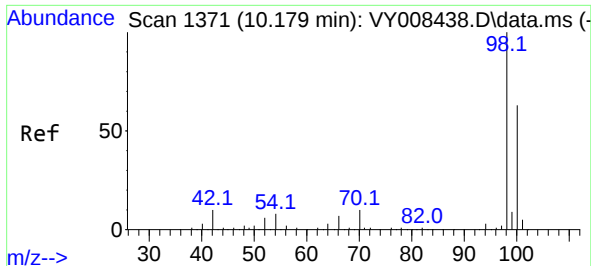
Ion Ratio Lower Upper

113 100

111 110.7 82.6 124.0

192 14.1 17.6 26.4#

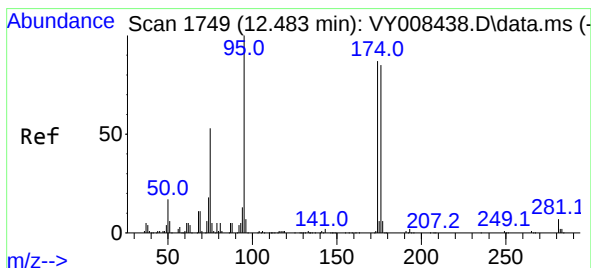
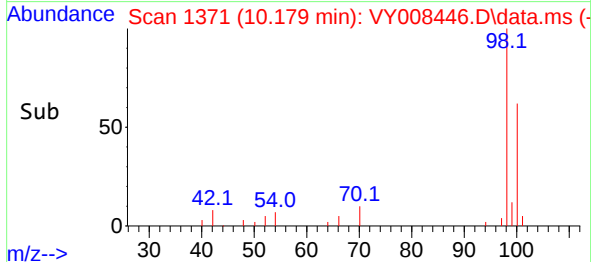
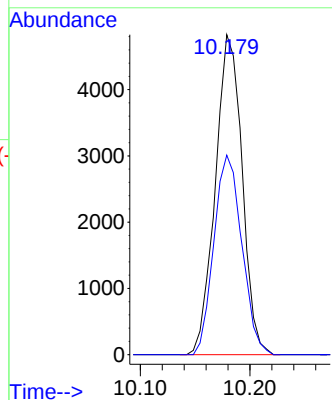
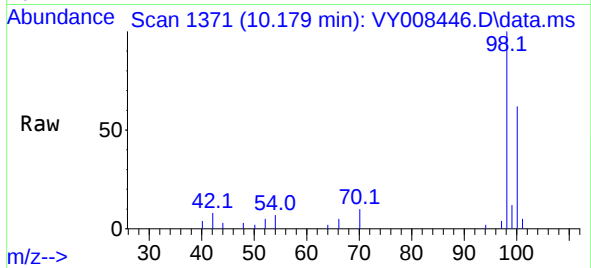




#50
Toluene-d8
Concen: 45.225 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008446.D
Acq: 21 Apr 2022 17:25

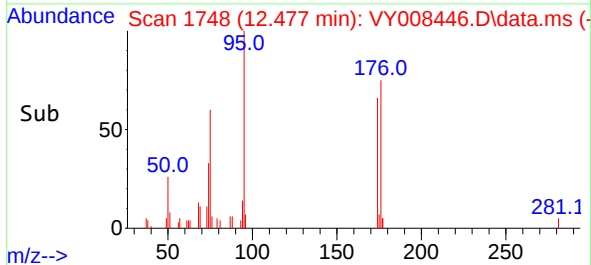
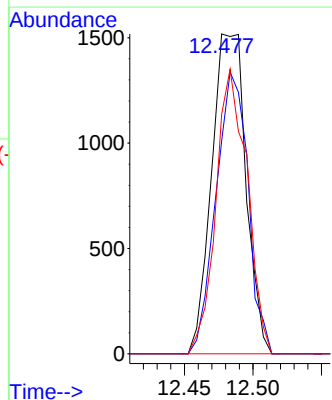
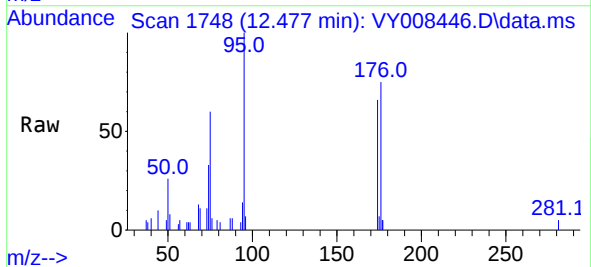
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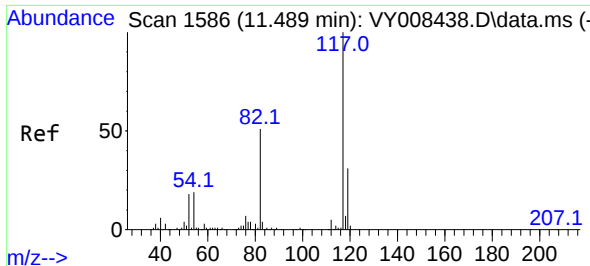
Tgt Ion: 98 Resp: 8219
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.981 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008446.D
Acq: 21 Apr 2022 17:25

Tgt Ion: 95 Resp: 2652
Ion Ratio Lower Upper
95 100
174 81.8 0.0 177.0
176 80.8 0.0 175.8

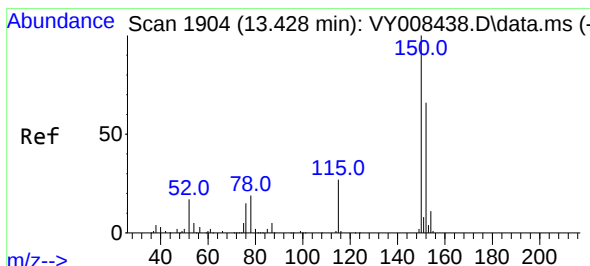
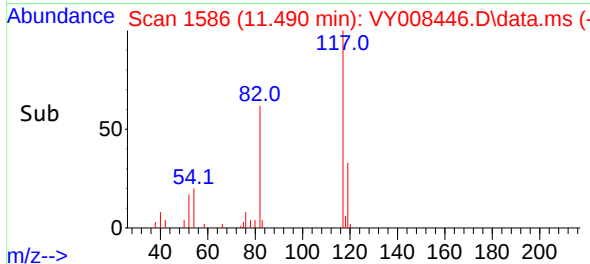
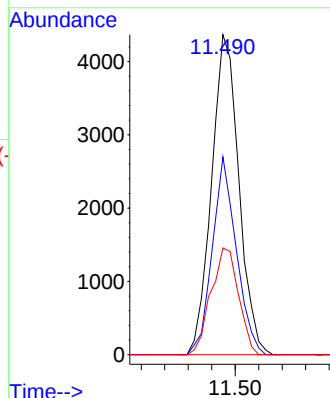
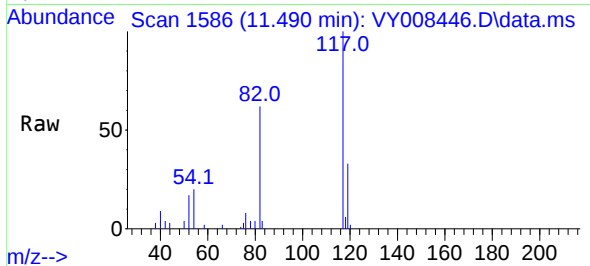




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008446.D
Acq: 21 Apr 2022 17:25

Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-041922

Tgt Ion:	117	Resp:	7042
Ion	Ratio	Lower	Upper
117	100		
82	61.8	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: VY008446.D
Acq: 21 Apr 2022 17:25

Tgt Ion:	152	Resp:	2677
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.2	84.7
150	159.8	0.0	347.6

