

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010171.D
 Acq On : 23 Aug 2022 17:33
 Operator : KP/MD
 Sample : N4272-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124055

Quant Time: Aug 24 04:34:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	2926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1141	73.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.180%
35) Dibromofluoromethane	7.697	113	47	2.851	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	5.700%#
50) Toluene-d8	10.173	98	5489	88.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	177.700%#
62) 4-Bromofluorobenzene	12.483	95	1071	48.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.040%

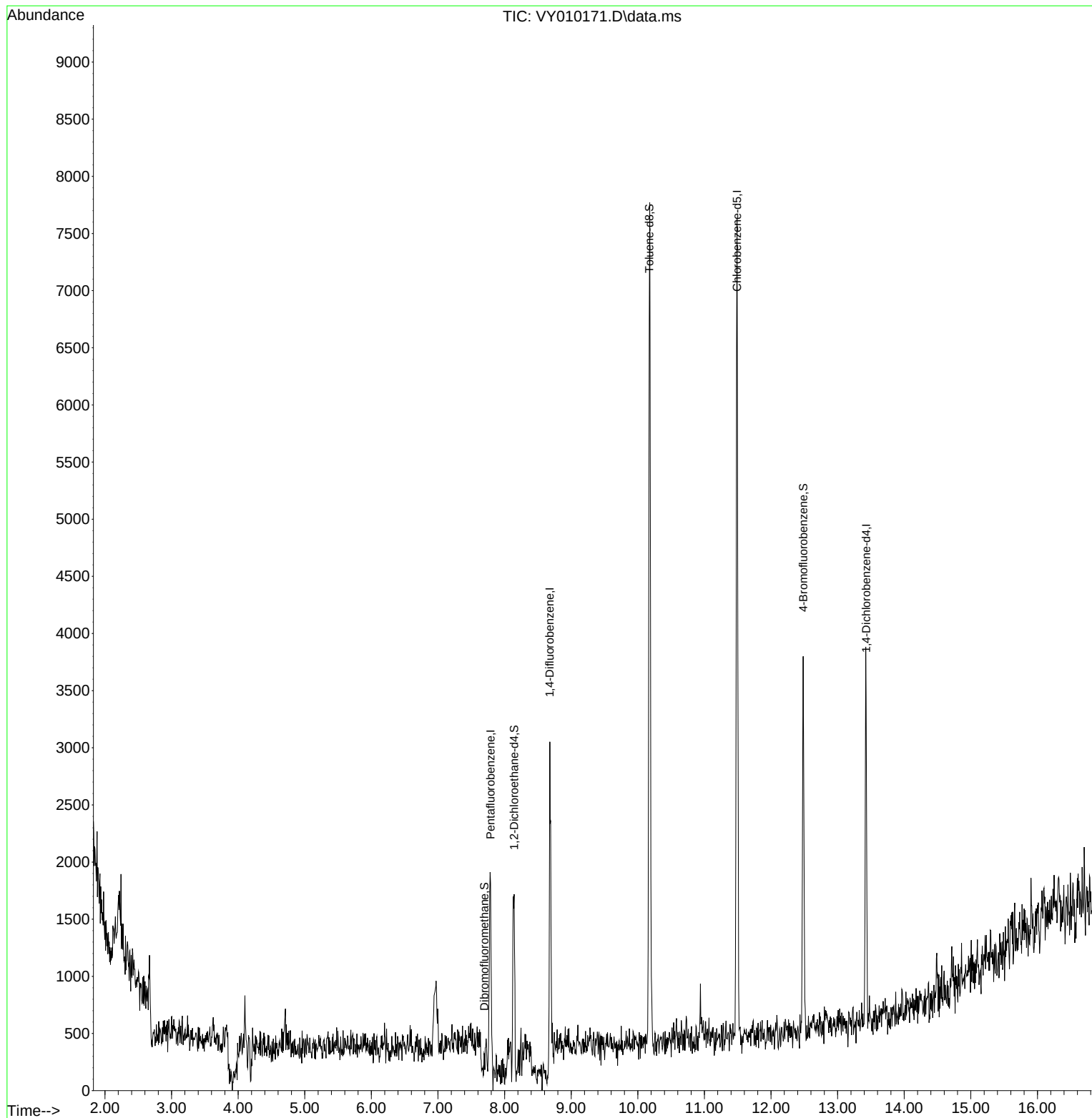
Target Compounds	Qvalue

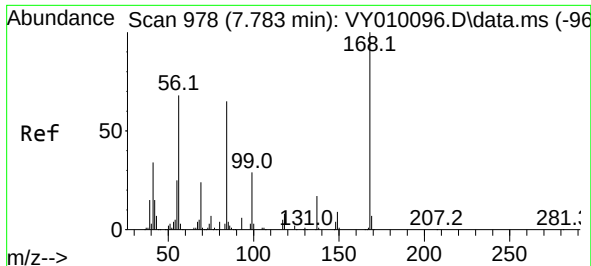
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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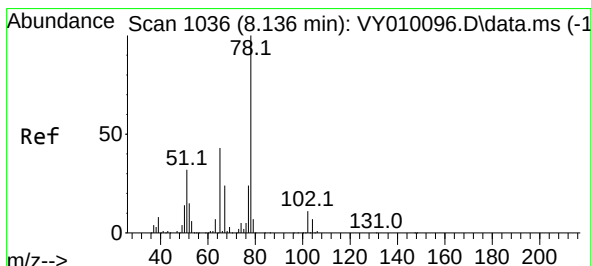
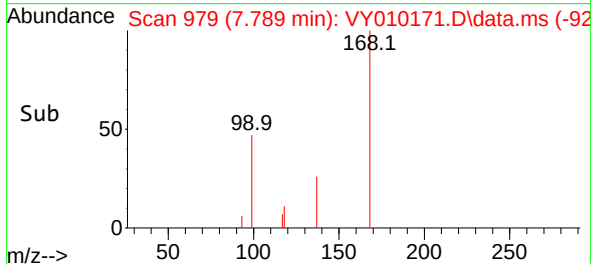
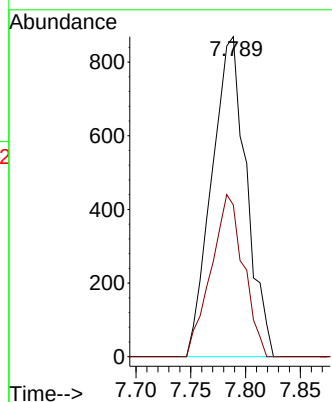
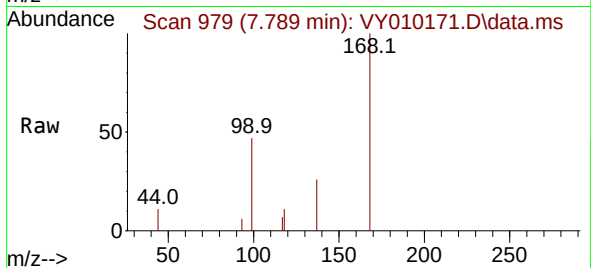




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

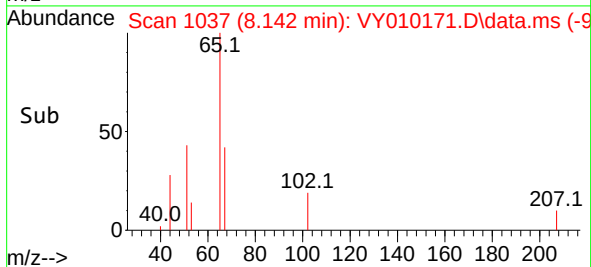
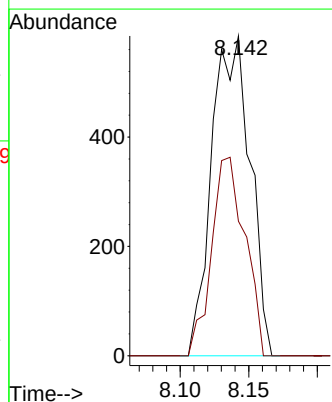
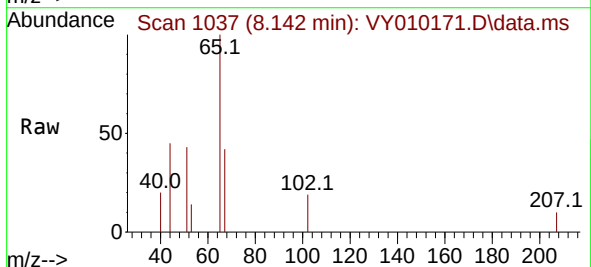
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

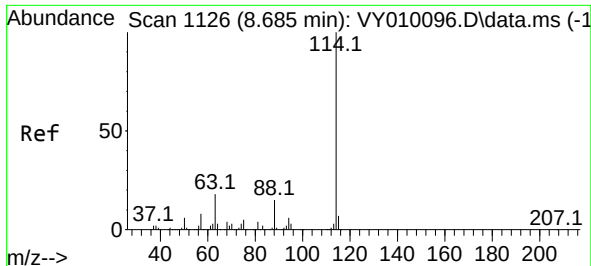
Tgt Ion:168 Resp: 1906
Ion Ratio Lower Upper
168 100
99 47.4 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 73.085 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

Tgt Ion: 65 Resp: 1141
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY010171.D

Acq: 23 Aug 2022 17:33

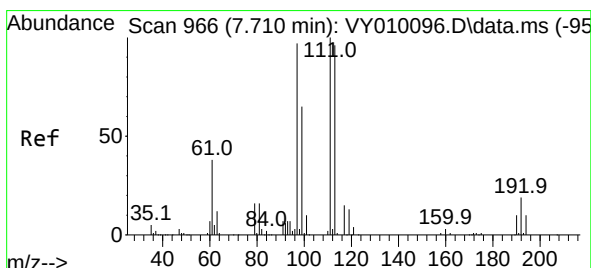
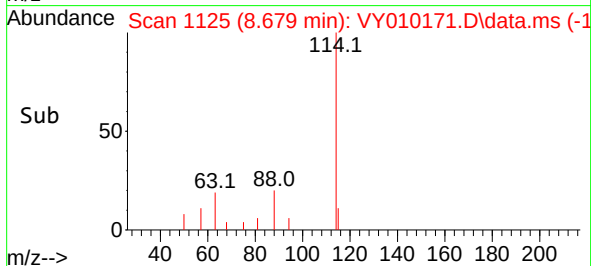
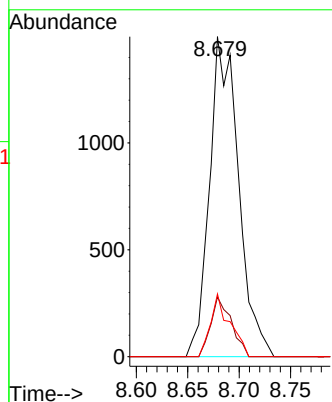
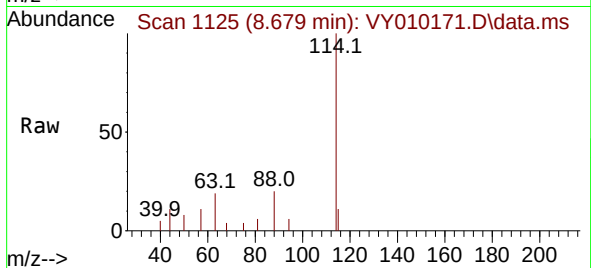
Instrument :

MSVOA_Y

ClientSampleId :

PSC-124055

Tgt Ion:114	Resp:	2926
Ion	Ratio	Lower Upper
114	100	
63	18.6	0.0 35.6
88	19.6	0.0 29.6



#35

Dibromofluoromethane

Concen: 2.851 ug/l

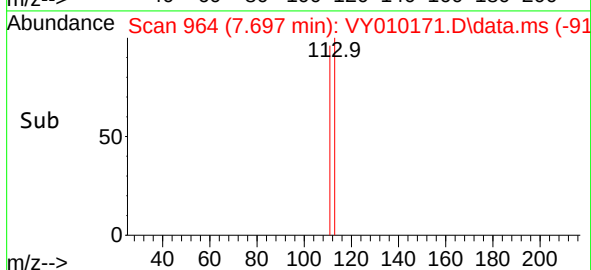
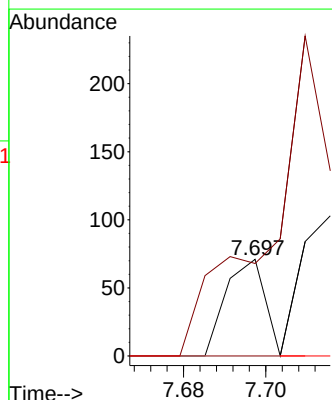
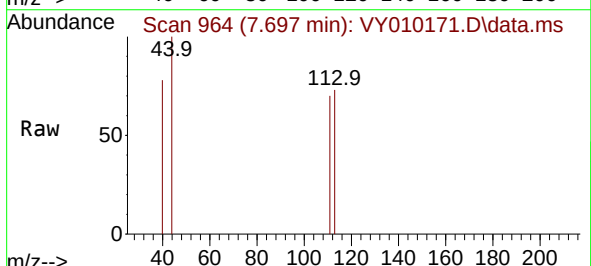
RT: 7.697 min Scan# 964

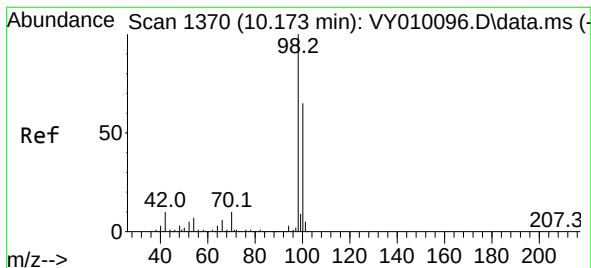
Delta R.T. -0.013 min

Lab File: VY010171.D

Acq: 23 Aug 2022 17:33

Tgt Ion:113	Resp:	47
Ion	Ratio	Lower Upper
113	100	
111	0.0	82.8 124.2#
192	0.0	16.3 24.5#





#50

Toluene-d8

Concen: 88.848 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010171.D

Acq: 23 Aug 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

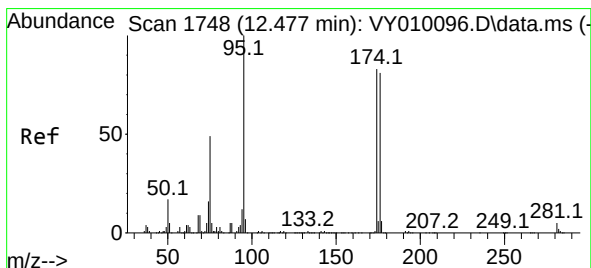
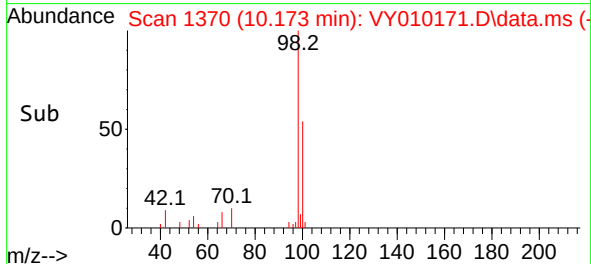
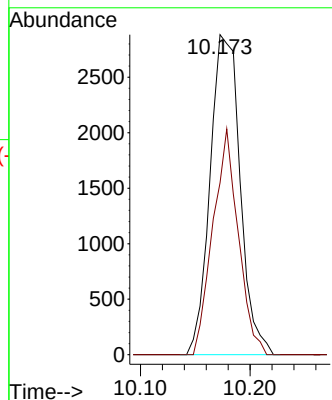
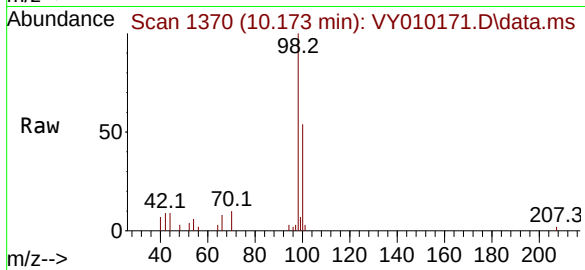
PSC-124055

Tgt Ion: 98 Resp: 5489

Ion Ratio Lower Upper

98 100

100 59.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 48.520 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010171.D

Acq: 23 Aug 2022 17:33

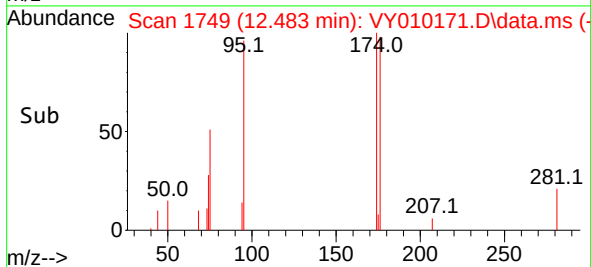
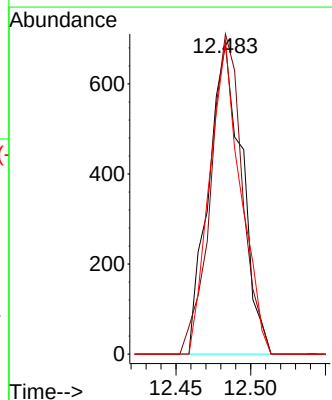
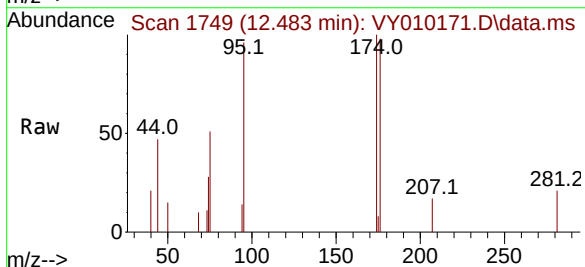
Tgt Ion: 95 Resp: 1071

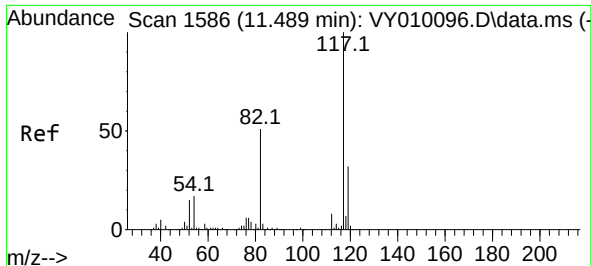
Ion Ratio Lower Upper

95 100

174 98.1 0.0 173.8

176 93.7 0.0 167.2

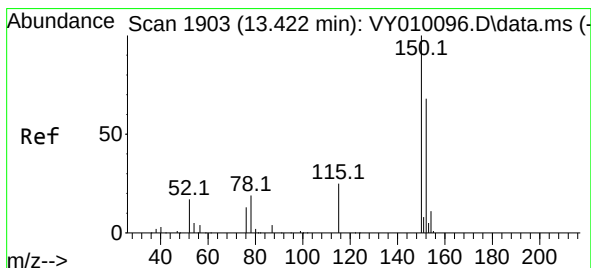
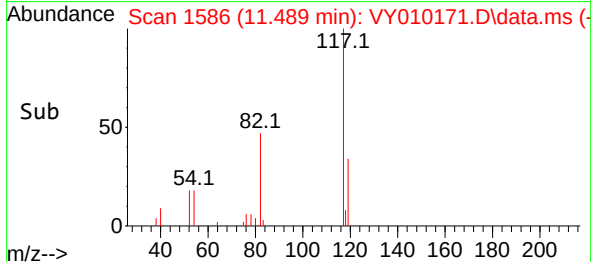
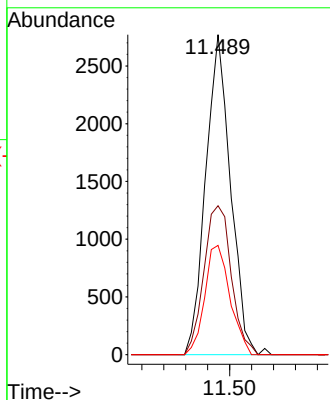
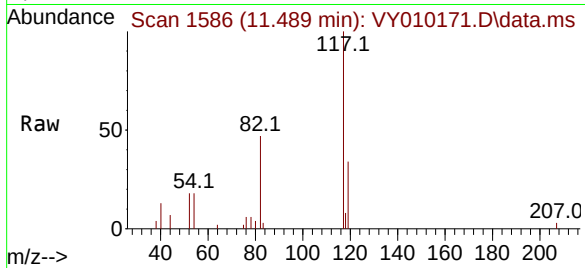




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124055

Tgt Ion:117 Resp: 4356
Ion Ratio Lower Upper
117 100
82 46.6 40.6 61.0
119 34.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010171.D
Acq: 23 Aug 2022 17:33

Tgt Ion:152 Resp: 1008
Ion Ratio Lower Upper
152 100
115 60.9 28.1 84.2
150 154.0 0.0 346.2

