

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009039.D
 Acq On : 24 May 2022 04:44
 Operator : KP/MD
 Sample : N2948-22
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-0006-01

Quant Time: May 24 07:48:44 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	111517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73717	64.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.460%
35) Dibromofluoromethane	7.716	113	65853	52.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.300%
50) Toluene-d8	10.179	98	253134	54.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.483	95	73276	39.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.720%

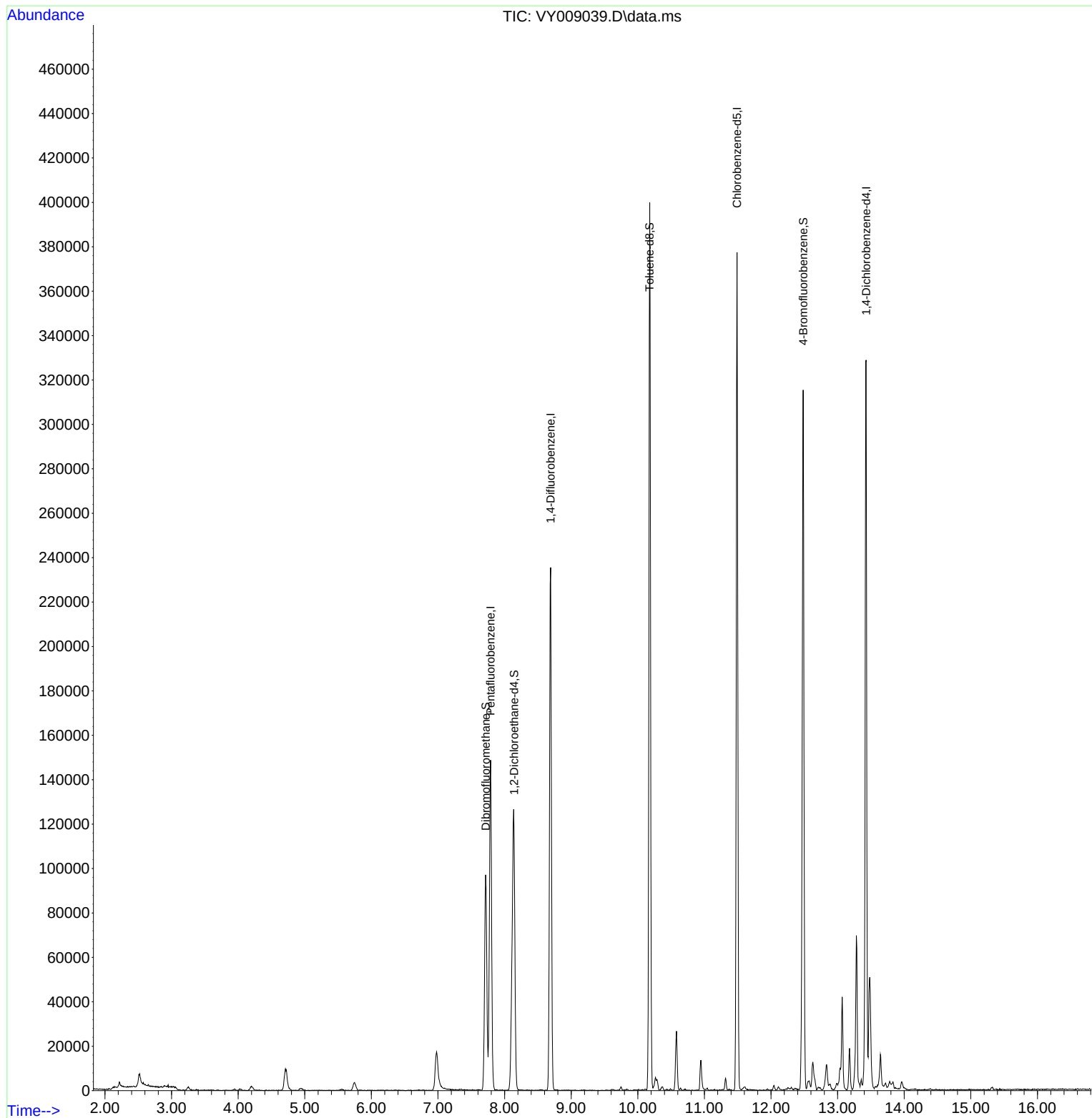
Target Compounds	Qvalue

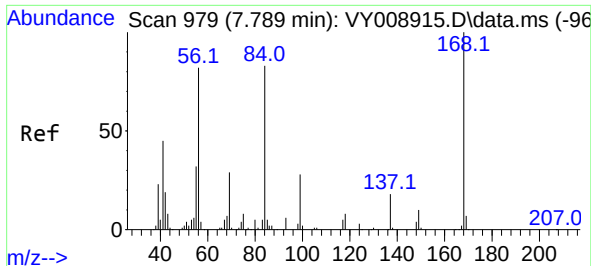
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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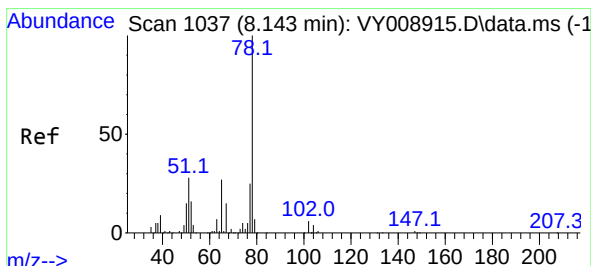
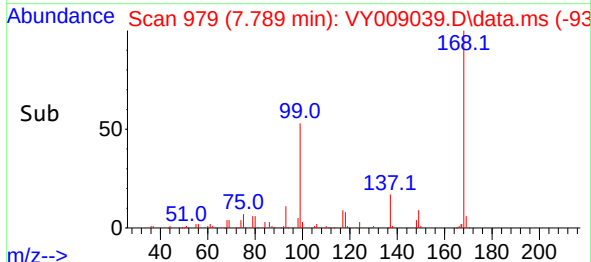
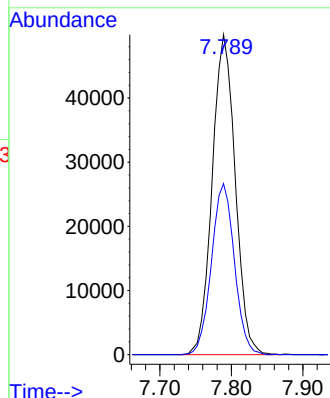
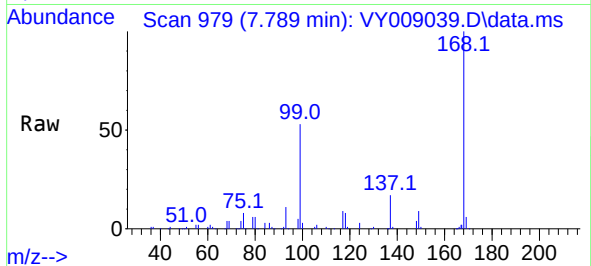




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

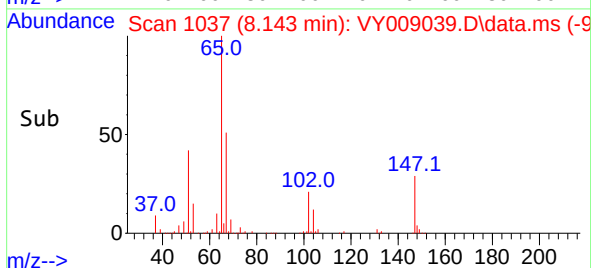
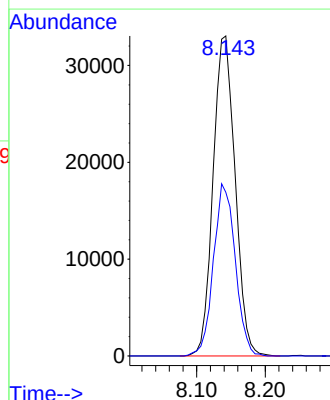
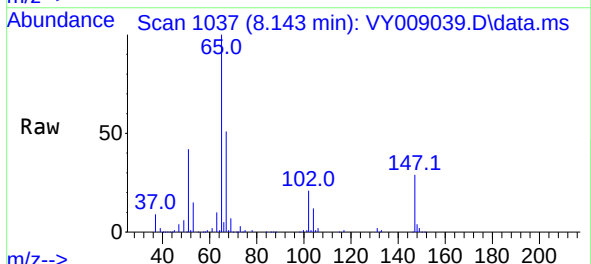
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0006-01

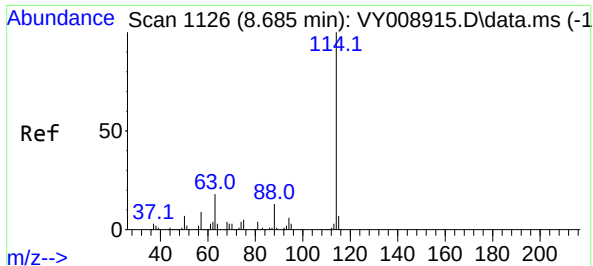
Tgt Ion:168 Resp: 111517
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.229 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion: 65 Resp: 73717
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009039.D

Acq: 24 May 2022 04:44

Instrument :

MSVOA_Y

ClientSampleId :

P037-SS001-0006-01

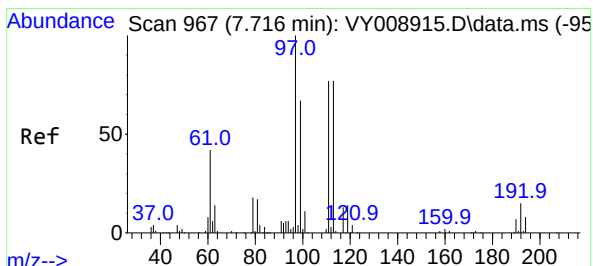
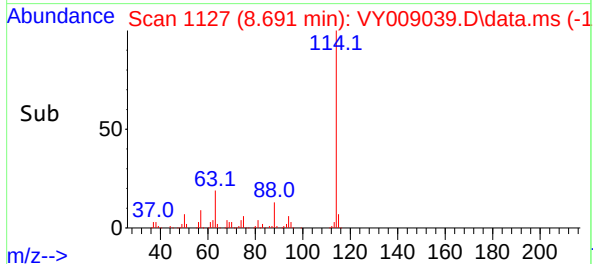
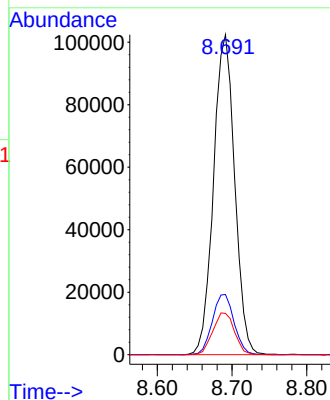
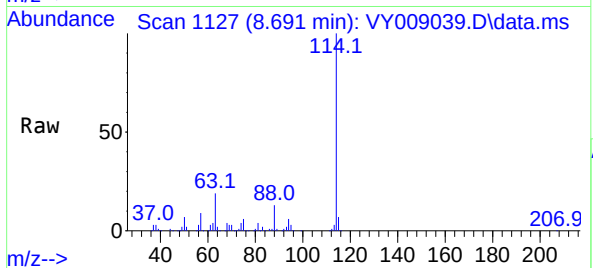
Tgt Ion:114 Resp: 201152

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 12.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.647 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009039.D

Acq: 24 May 2022 04:44

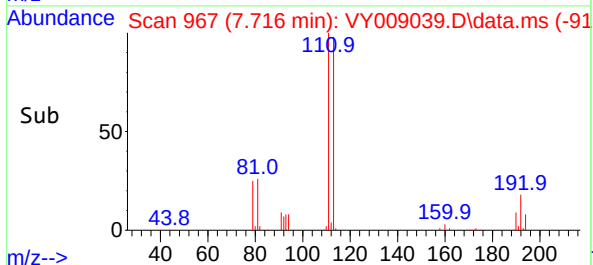
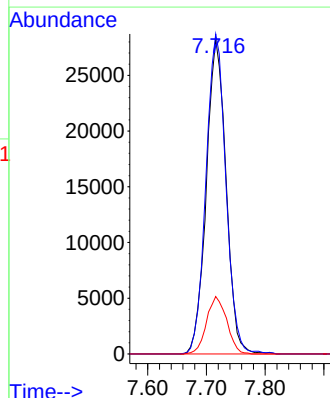
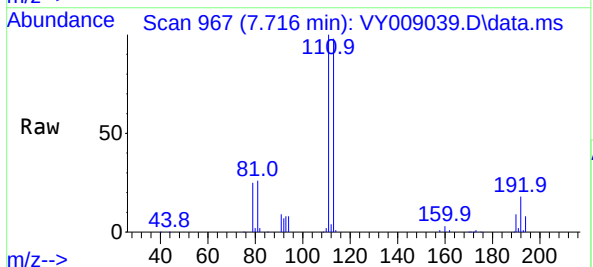
Tgt Ion:113 Resp: 65853

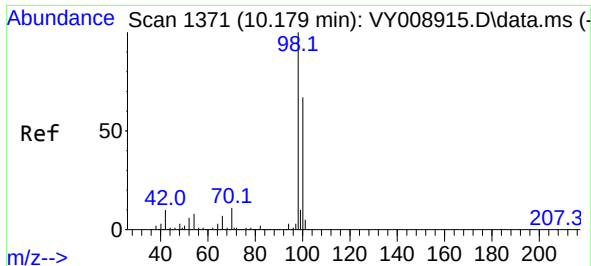
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.7 17.6 26.4

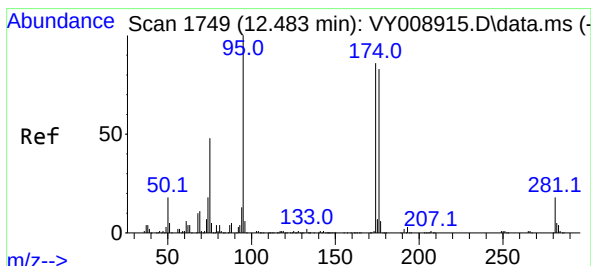
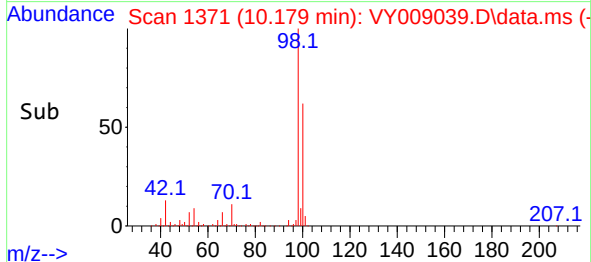
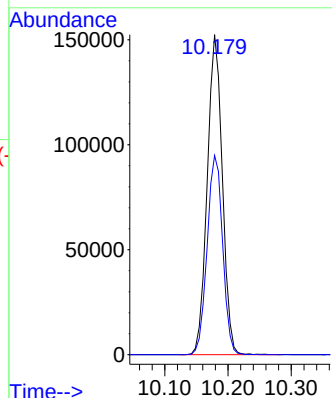
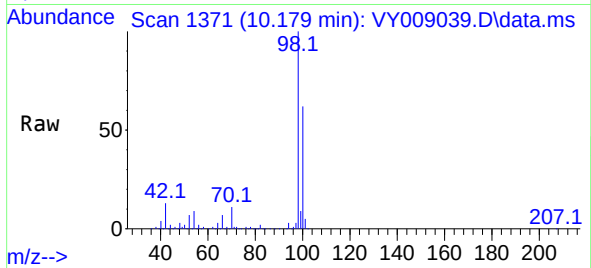




#50
Toluene-d8
Concen: 54.856 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

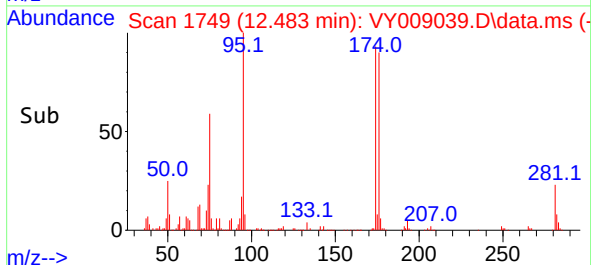
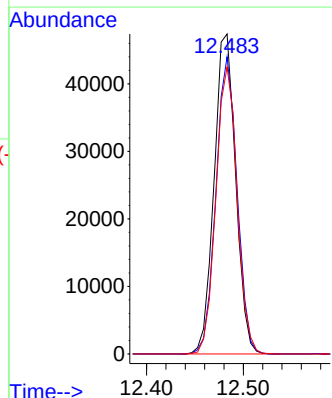
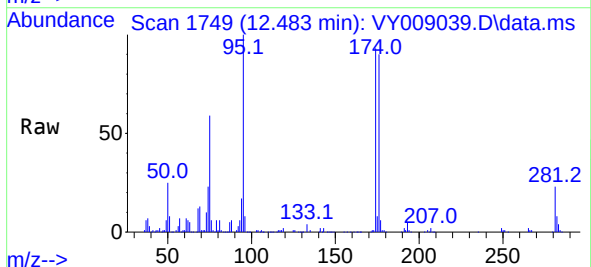
Instrument :
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ClientSampleId :
P037-SS001-0006-01

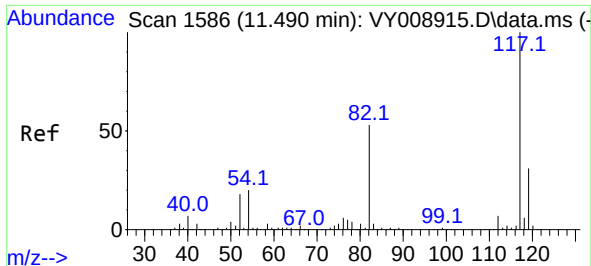
Tgt Ion: 98 Resp: 253134
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion: 95 Resp: 73276
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 88.0 0.0 175.8

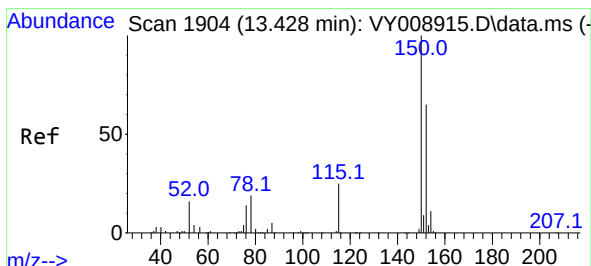
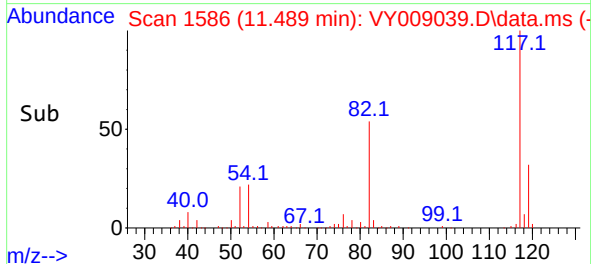
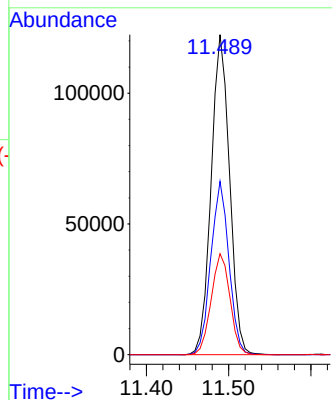
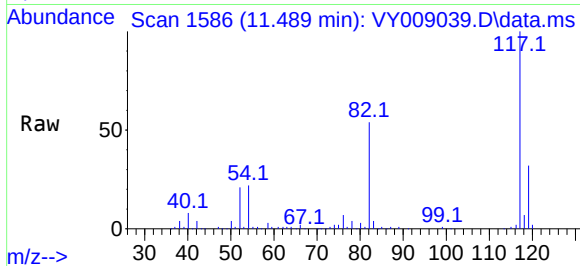




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0006-01

Tgt Ion:117 Resp: 190175
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.6 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: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion:152 Resp: 80993
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 154.4 0.0 347.6

