

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008894.D
 Acq On : 20 May 2022 02:38
 Operator : KP/MD
 Sample : N2907-03
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GC-3

Quant Time: May 20 04:29:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	121514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71264	63.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.440%
35) Dibromofluoromethane	7.716	113	66802	53.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.840%
50) Toluene-d8	10.179	98	267218	48.614	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.483	95	74259	38.635	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.280%

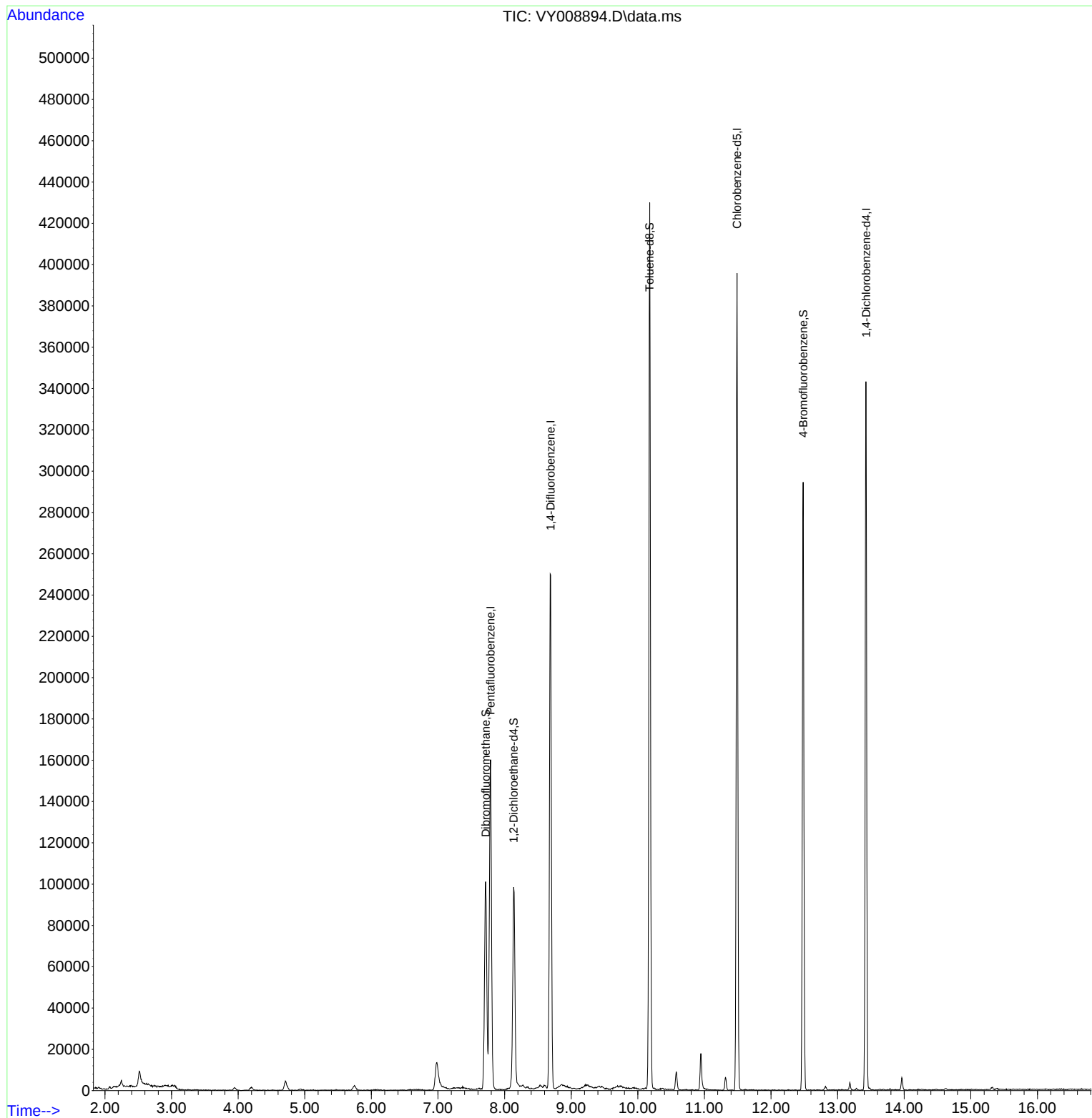
Target Compounds	Qvalue

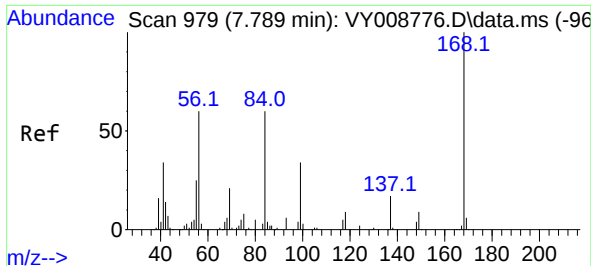
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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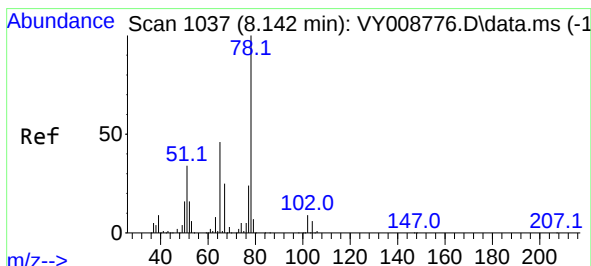
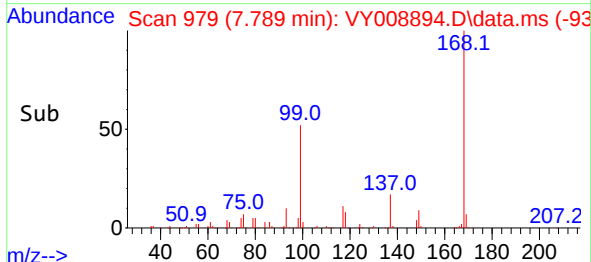
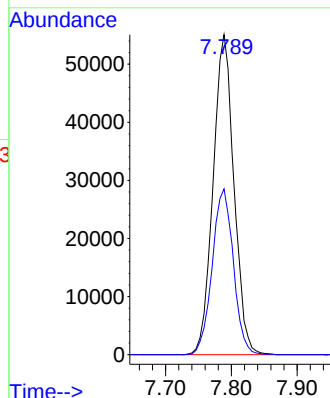
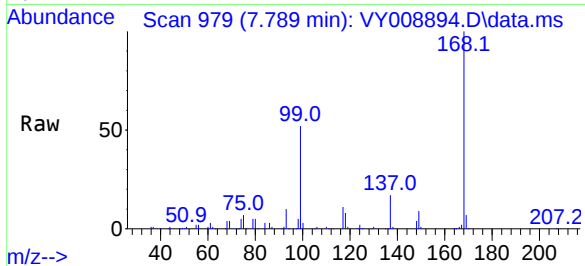




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008894.D
Acq: 20 May 2022 02:38

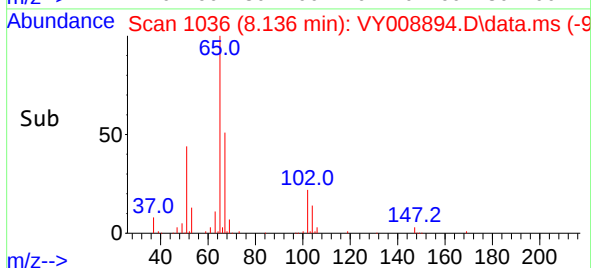
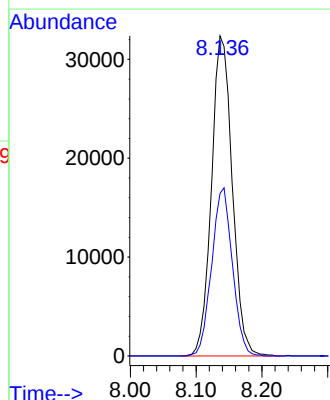
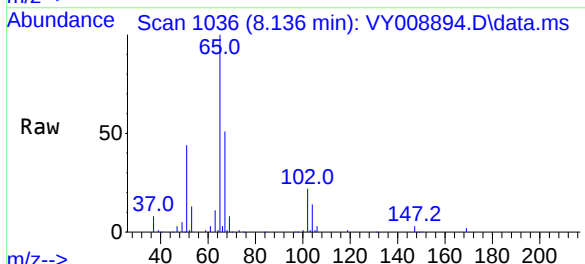
Instrument :
MSVOA_Y
ClientSampleId :
GC-3

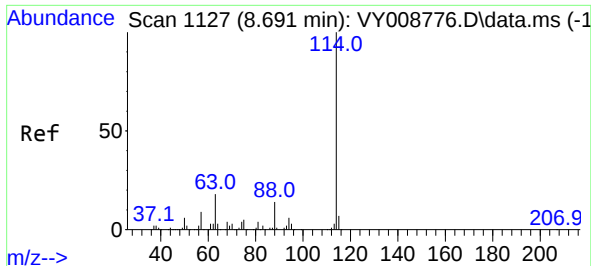
Tgt Ion:168 Resp: 121514
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.217 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008894.D
Acq: 20 May 2022 02:38

Tgt Ion: 65 Resp: 71264
Ion Ratio Lower Upper
65 100
67 52.3 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: VY008894.D

Acq: 20 May 2022 02:38

Instrument :

MSVOA_Y

ClientSampleId :

GC-3

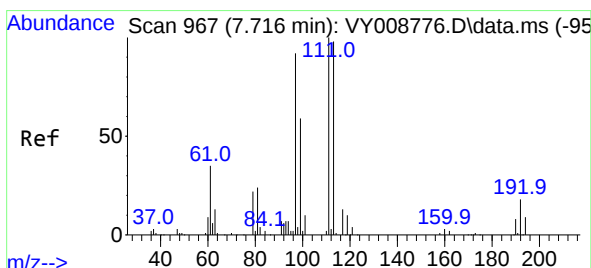
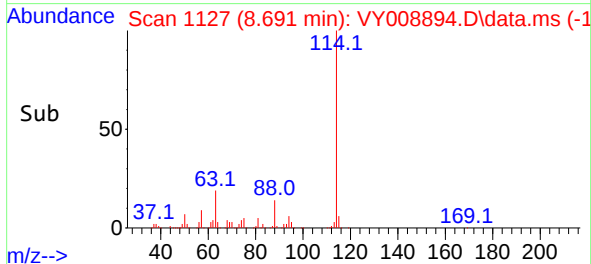
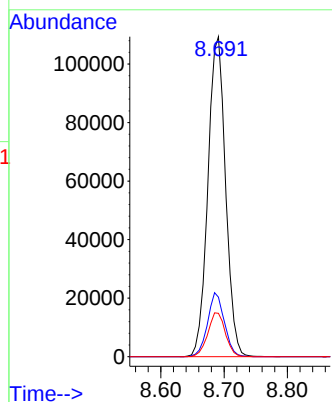
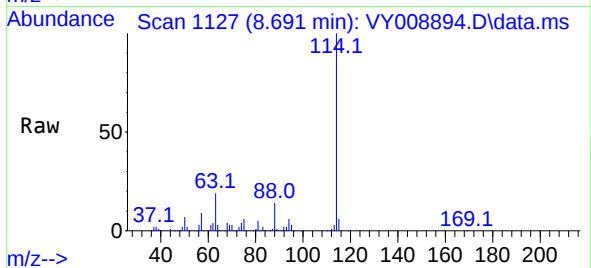
Tgt Ion:114 Resp: 212057

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.916 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008894.D

Acq: 20 May 2022 02:38

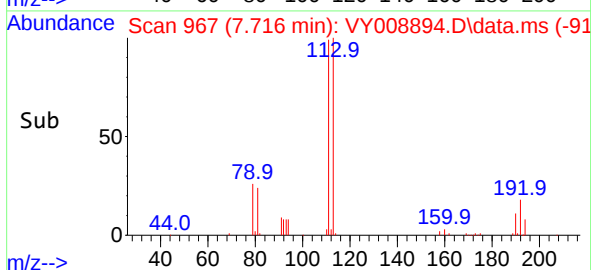
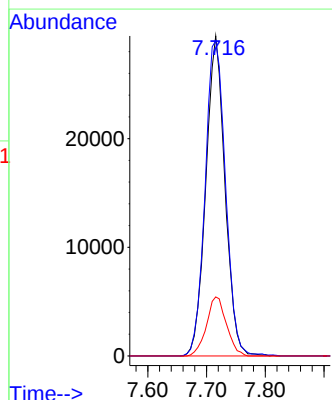
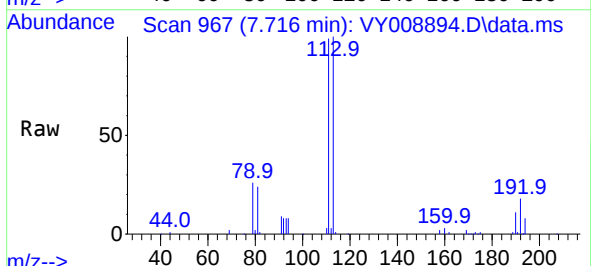
Tgt Ion:113 Resp: 66802

Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 19.2 17.6 26.4

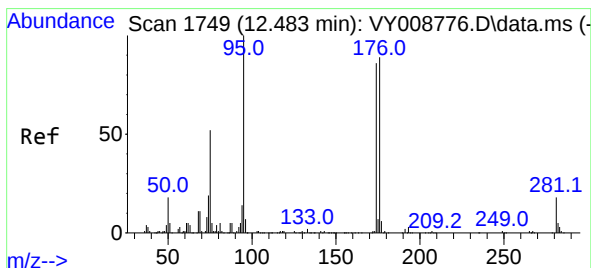
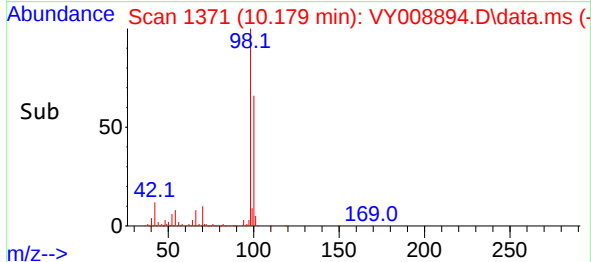
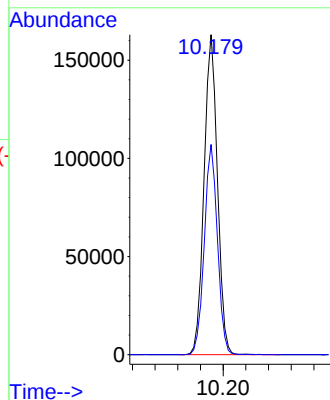
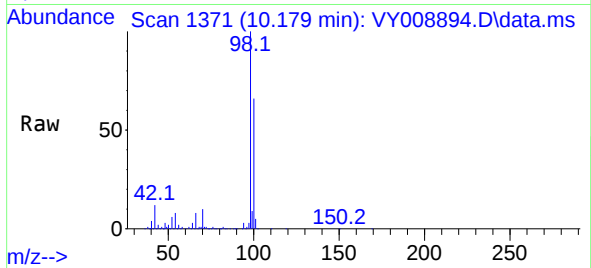




#50
Toluene-d8
Concen: 48.614 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008894.D
Acq: 20 May 2022 02:38

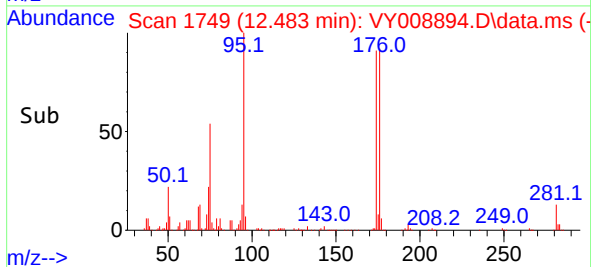
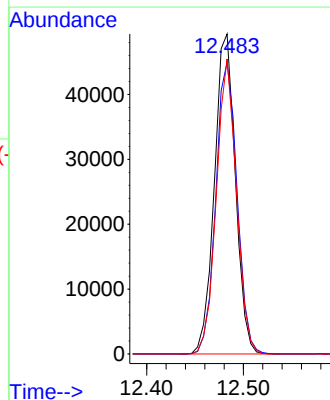
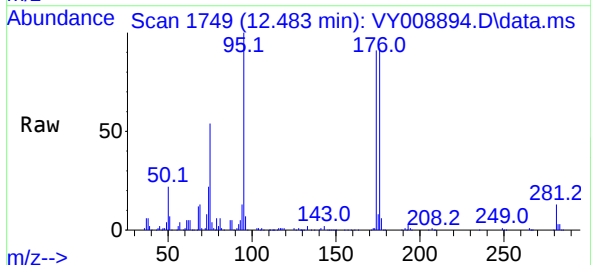
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 267218
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.635 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008894.D
Acq: 20 May 2022 02:38

Tgt Ion: 95 Resp: 74259
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 88.1 0.0 175.8

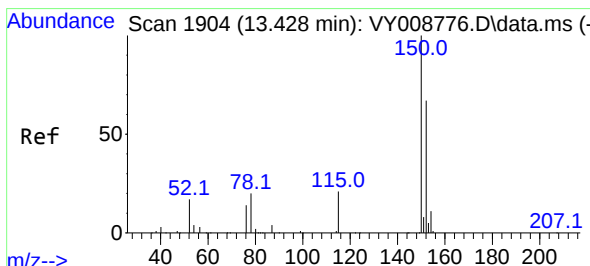
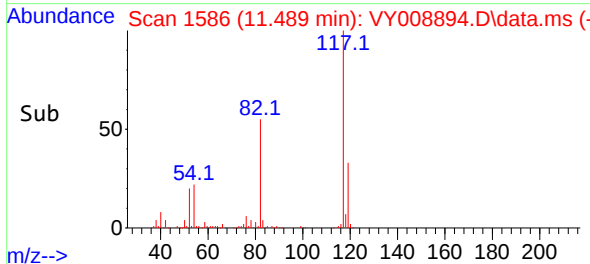
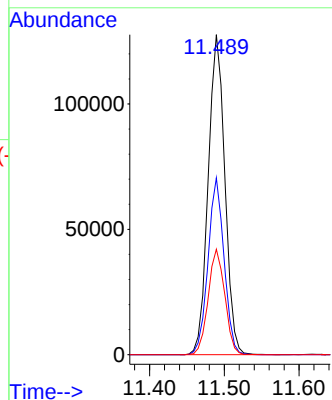
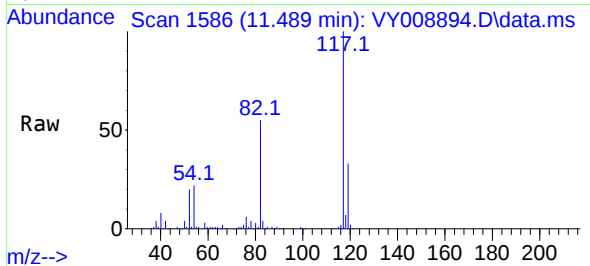




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008894.D
Acq: 20 May 2022 02:38

Instrument :
MSVOA_Y
ClientSampleId :
GC-3

Tgt Ion:117 Resp: 197880
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 33.0 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: VY008894.D
Acq: 20 May 2022 02:38

Tgt Ion:152 Resp: 84079
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 158.5 0.0 347.6

