

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009029.D
 Acq On : 24 May 2022 00:50
 Operator : KP/MD
 Sample : N2948-09
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-1218-02

Quant Time: May 24 01:53:57 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	119233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	214265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76056	61.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.960%
35) Dibromofluoromethane	7.710	113	68305	51.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.179	98	264200	53.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.477	95	79873	40.283	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.560%

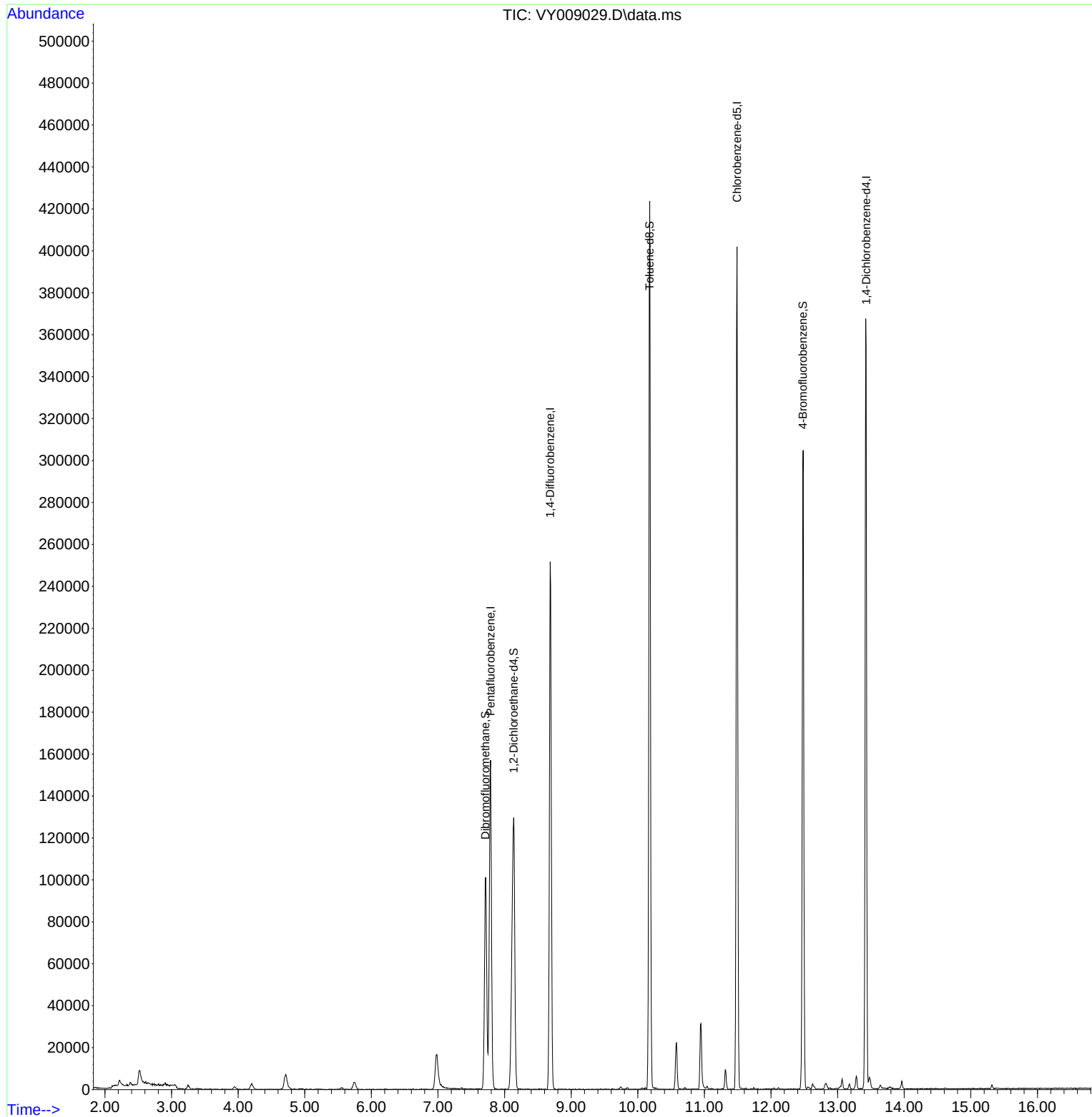
Target Compounds	Qvalue

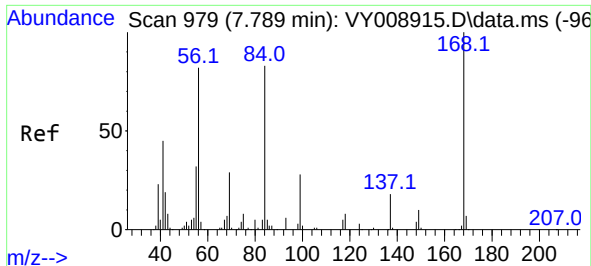
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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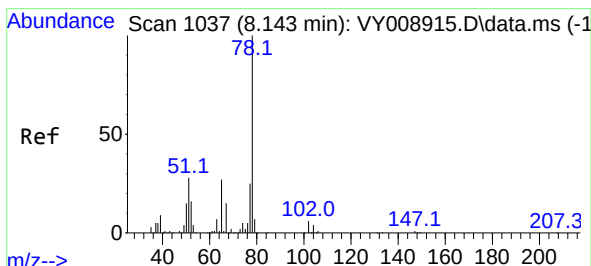
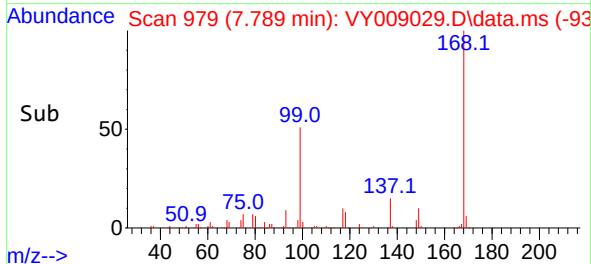
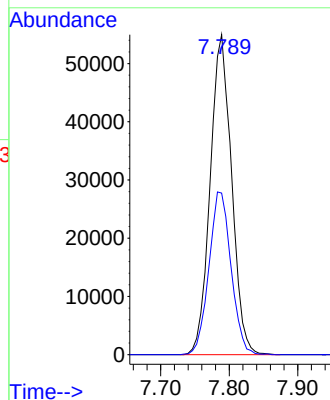
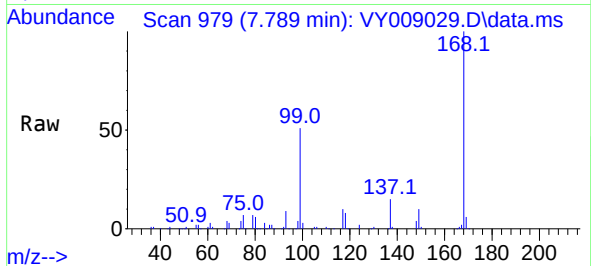




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

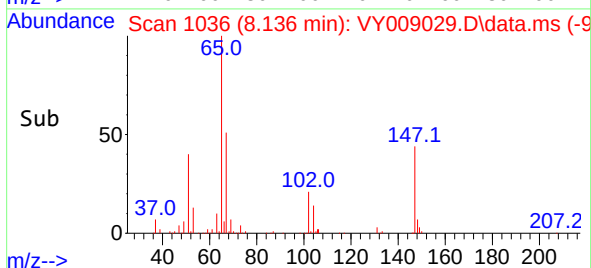
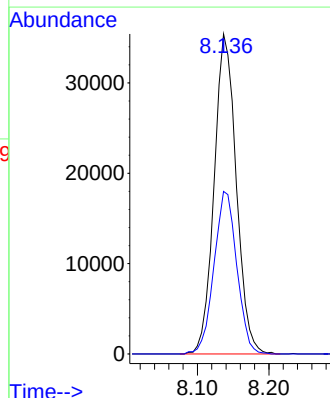
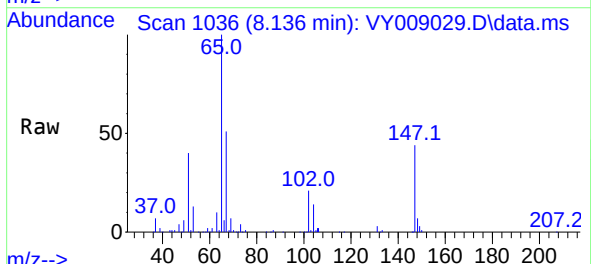
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-02

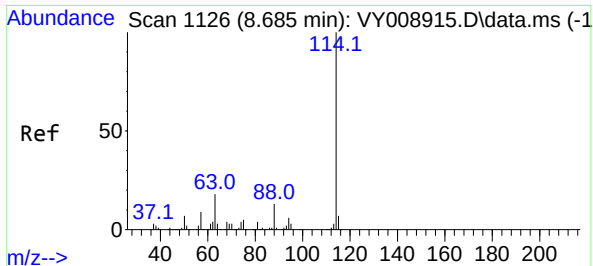
Tgt Ion:168 Resp: 119233
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.979 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

Tgt Ion: 65 Resp: 76056
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009029.D

Acq: 24 May 2022 00:50

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-1218-02

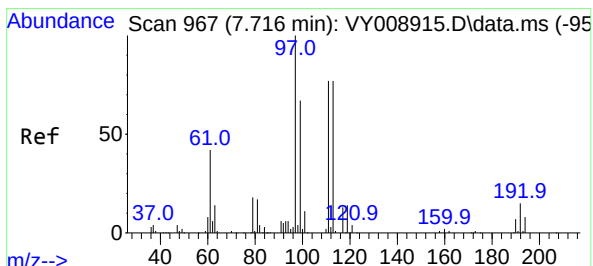
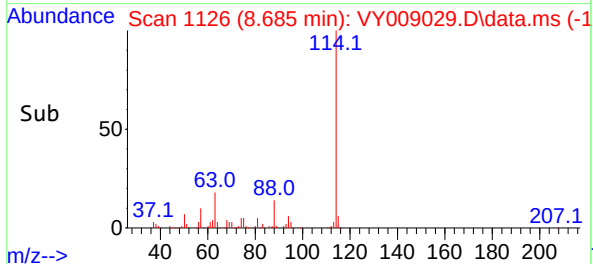
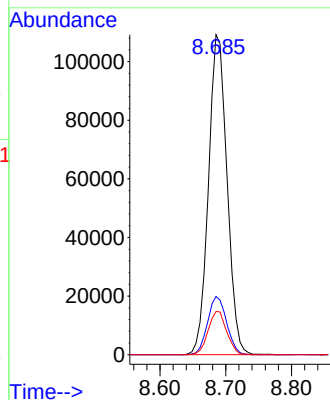
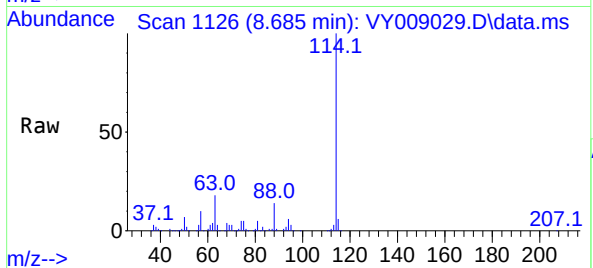
Tgt Ion:114 Resp: 214265

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.265 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009029.D

Acq: 24 May 2022 00:50

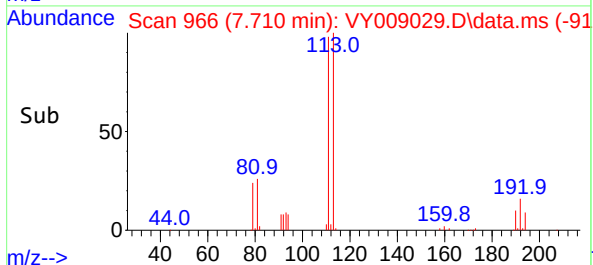
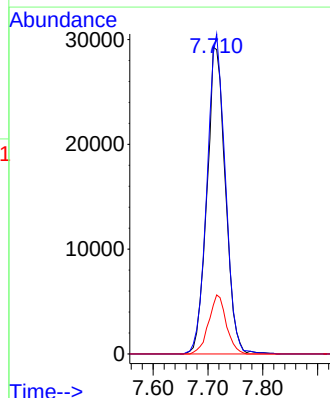
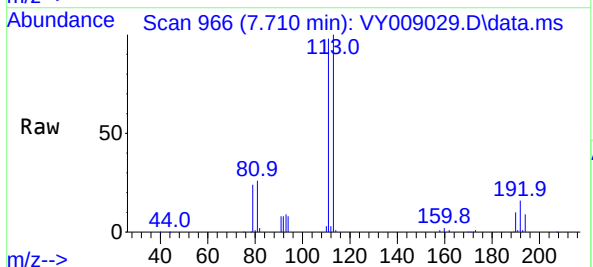
Tgt Ion:113 Resp: 68305

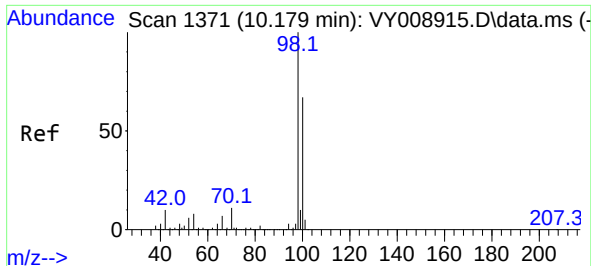
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.4 17.6 26.4

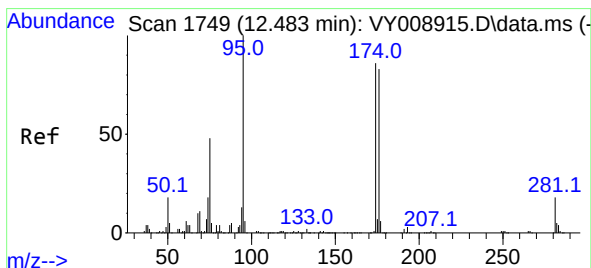
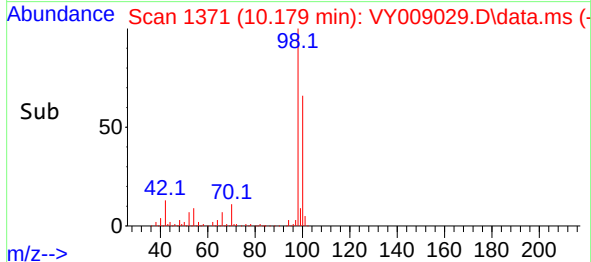
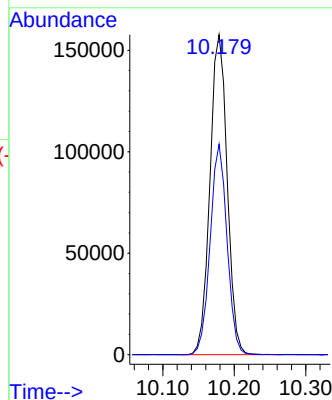
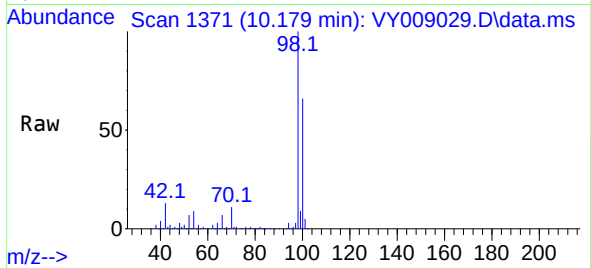




#50
Toluene-d8
Concen: 53.750 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

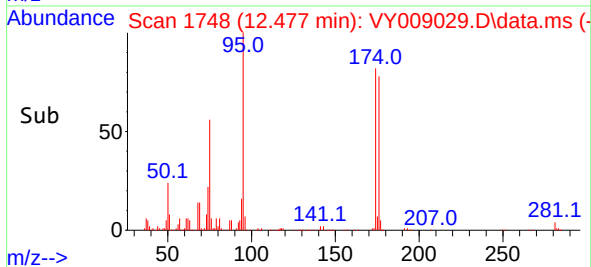
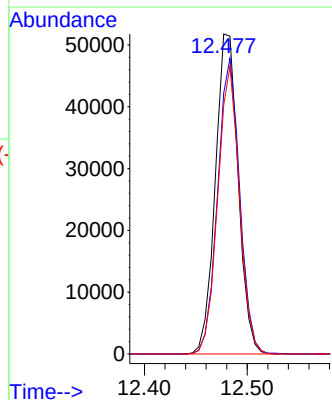
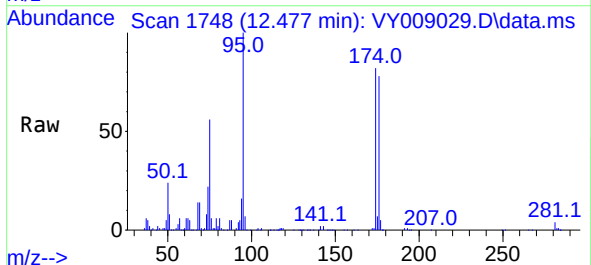
Instrument :
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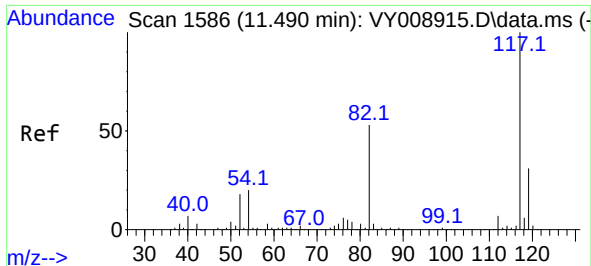
Tgt Ion: 98 Resp: 264200
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.283 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

Tgt Ion: 95 Resp: 79873
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.1 0.0 175.8

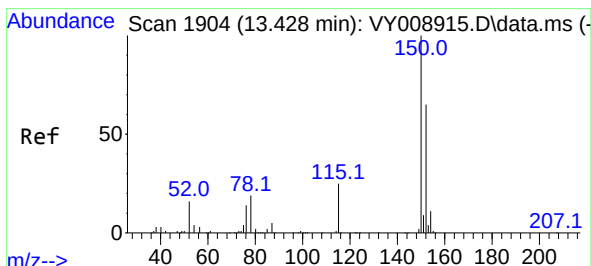
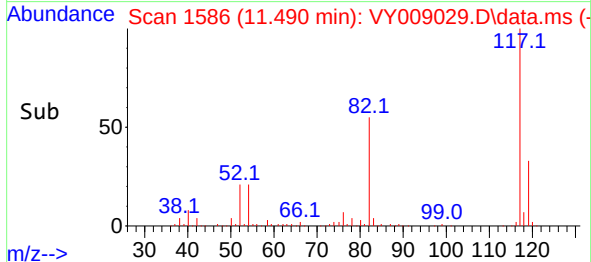
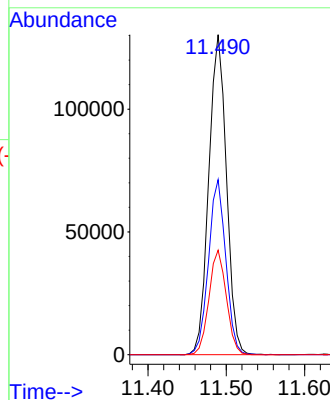
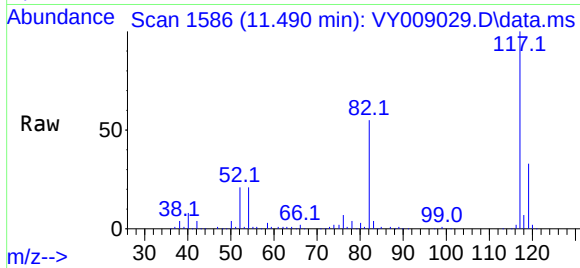




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-02

Tgt Ion:117 Resp: 203799
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.7 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: VY009029.D
Acq: 24 May 2022 00:50

Tgt Ion:152 Resp: 89382
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 158.2 0.0 347.6

