

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009205.D
 Acq On : 16 Jun 2022 16:14
 Operator : KP/MD
 Sample : N3340-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CS-2

Quant Time: Jun 17 02:27:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	211450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125642	56.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.760%
35) Dibromofluoromethane	7.710	113	115024	49.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.179	98	444418	50.245	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.477	95	154689	49.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.420%

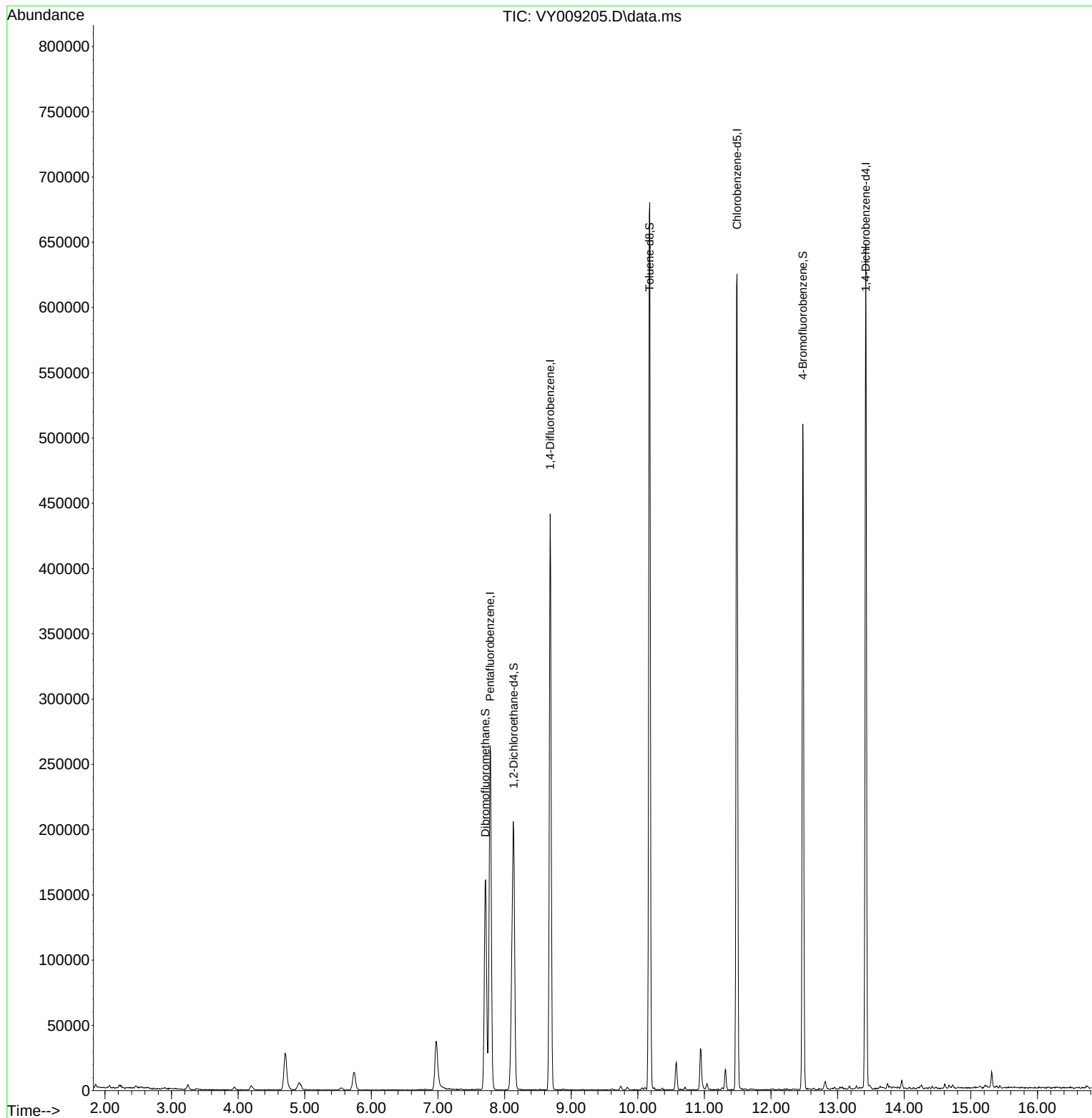
Target Compounds	Qvalue

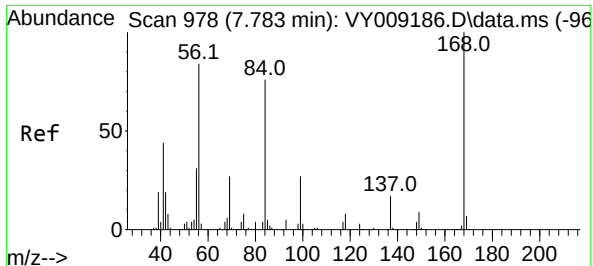
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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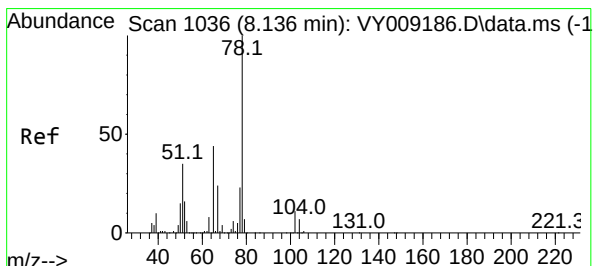
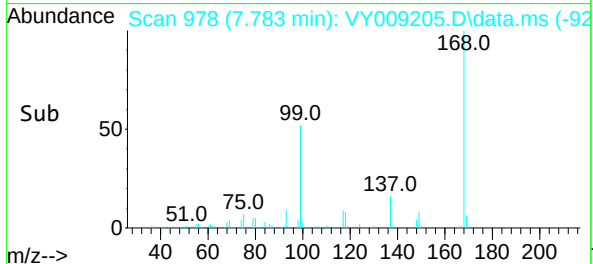
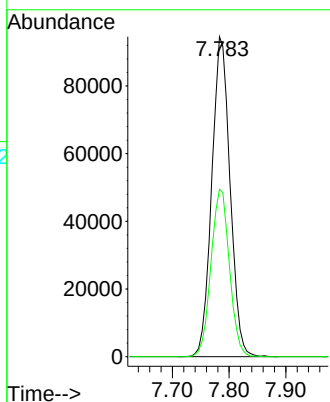
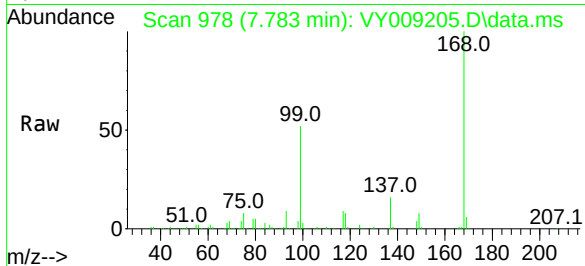




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

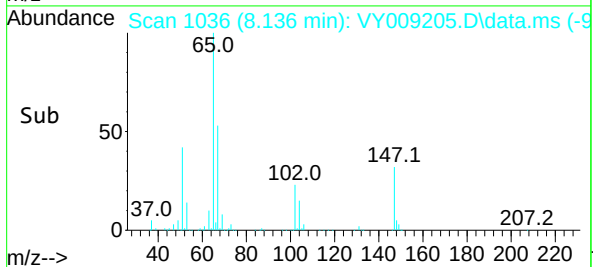
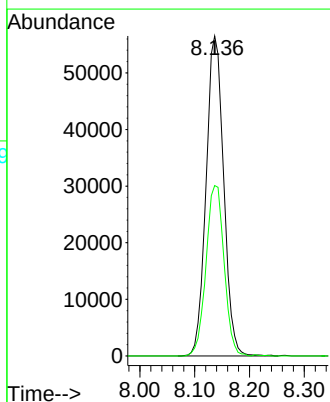
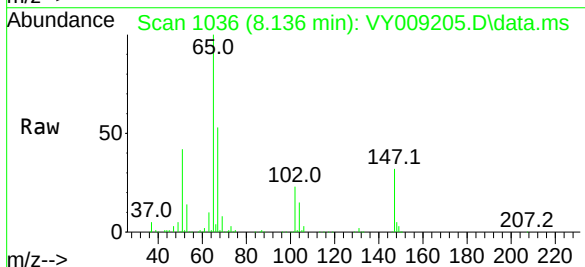
Instrument :
MSVOA_Y
ClientSampleId :
CS-2

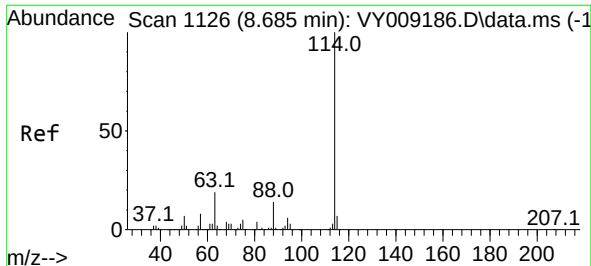
Tgt Ion:168 Resp: 211450
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.882 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Tgt Ion: 65 Resp: 125642
Ion Ratio Lower Upper
65 100
67 54.8 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: VY009205.D

Acq: 16 Jun 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

CS-2

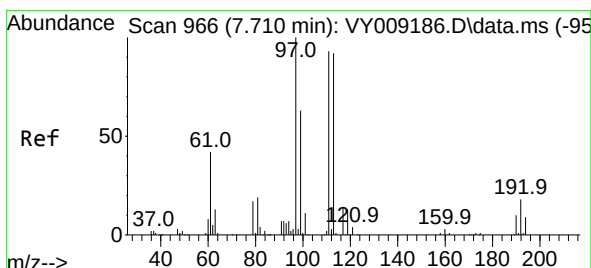
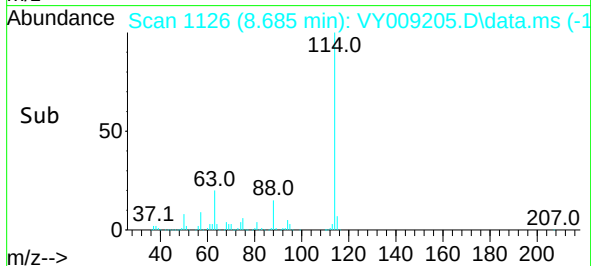
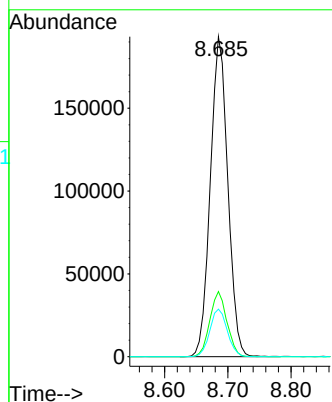
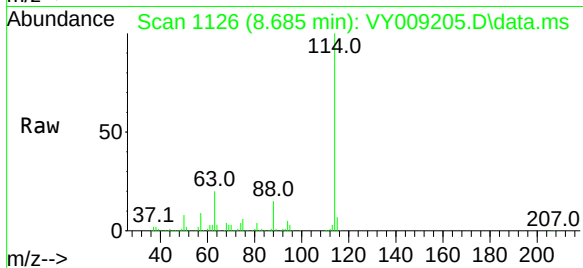
Tgt Ion:114 Resp: 370610

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.503 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009205.D

Acq: 16 Jun 2022 16:14

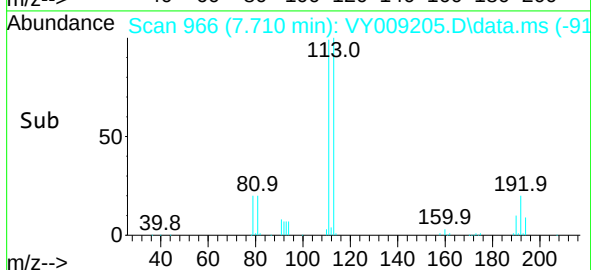
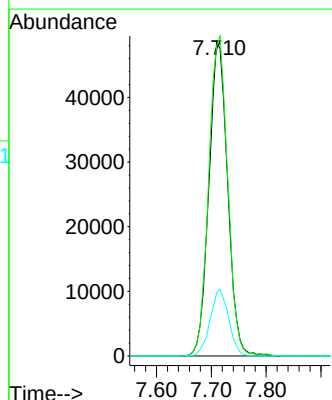
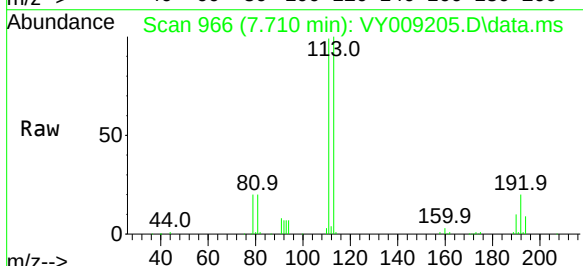
Tgt Ion:113 Resp: 115024

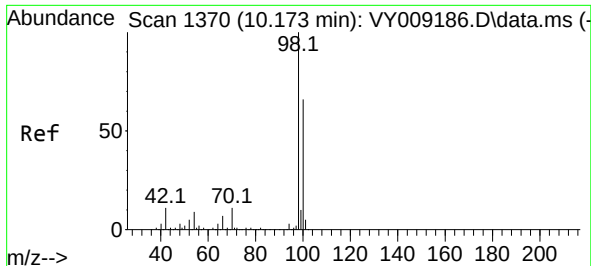
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.0 17.6 26.4

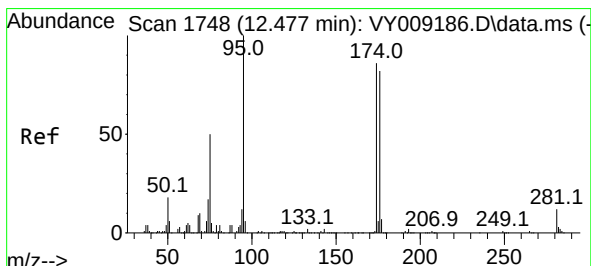
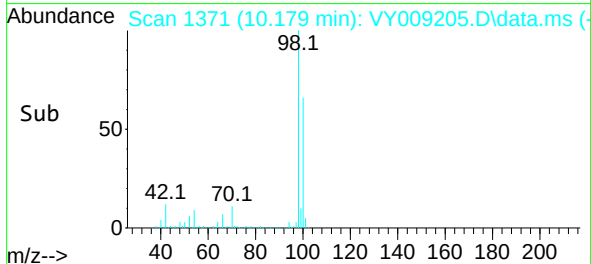
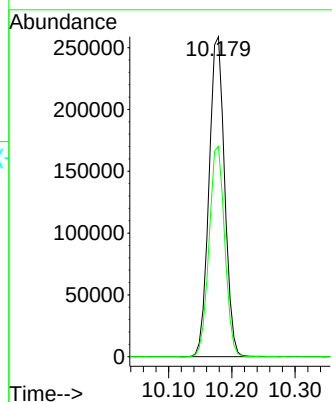
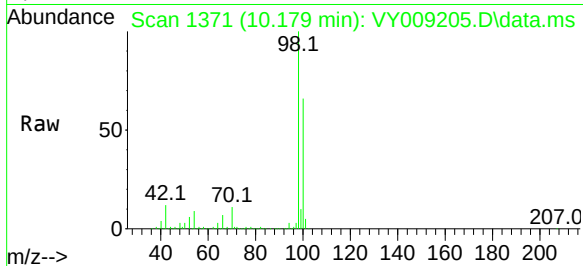




#50
Toluene-d8
Concen: 50.245 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

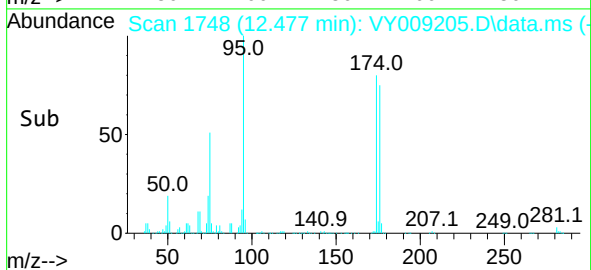
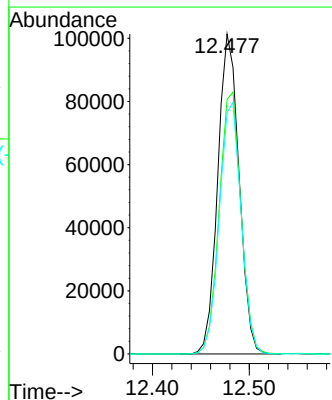
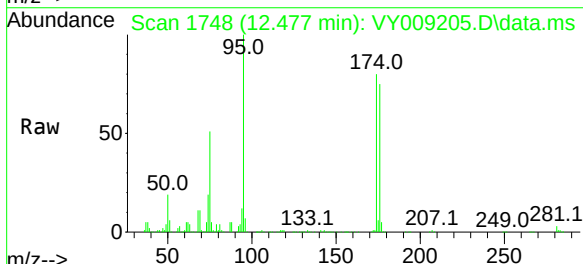
Instrument :
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CS-2

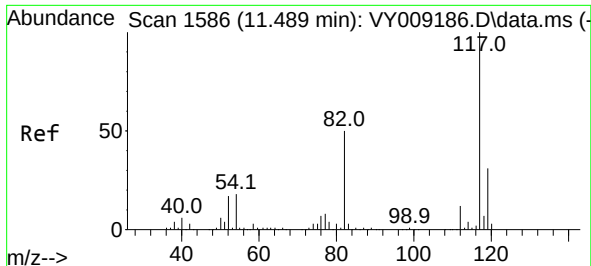
Tgt Ion: 98 Resp: 444418
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.215 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Tgt Ion: 95 Resp: 154689
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.4 0.0 175.8

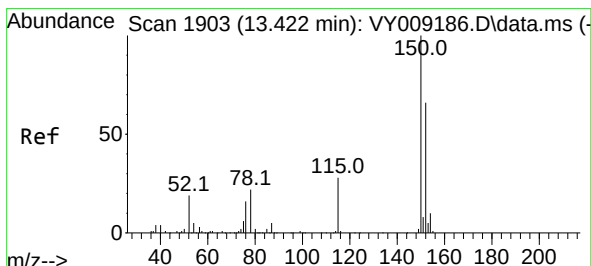
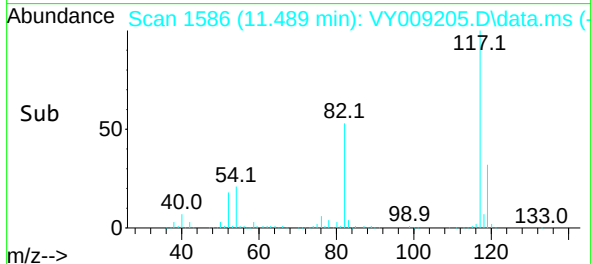
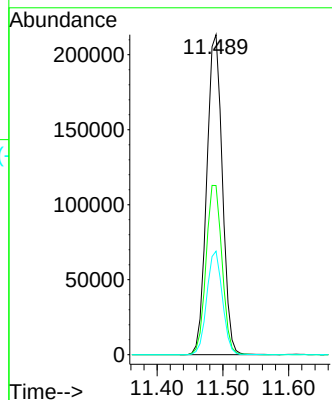
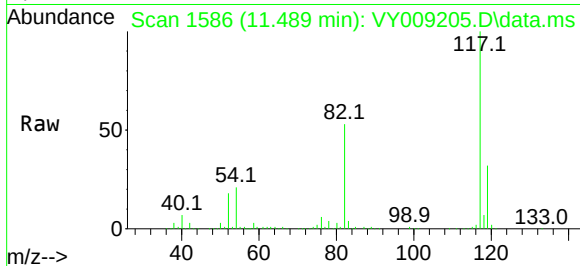




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :
CS-2

Tgt Ion:117 Resp: 352057
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009205.D
Acq: 16 Jun 2022 16:14

Tgt Ion:152 Resp: 161323
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 158.0 0.0 347.6

