

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062022\
 Data File : VY009242.D
 Acq On : 20 Jun 2022 14:17
 Operator : KP/MD
 Sample : N3390-01
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-2-061722

Quant Time: Jun 21 08:13:00 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)

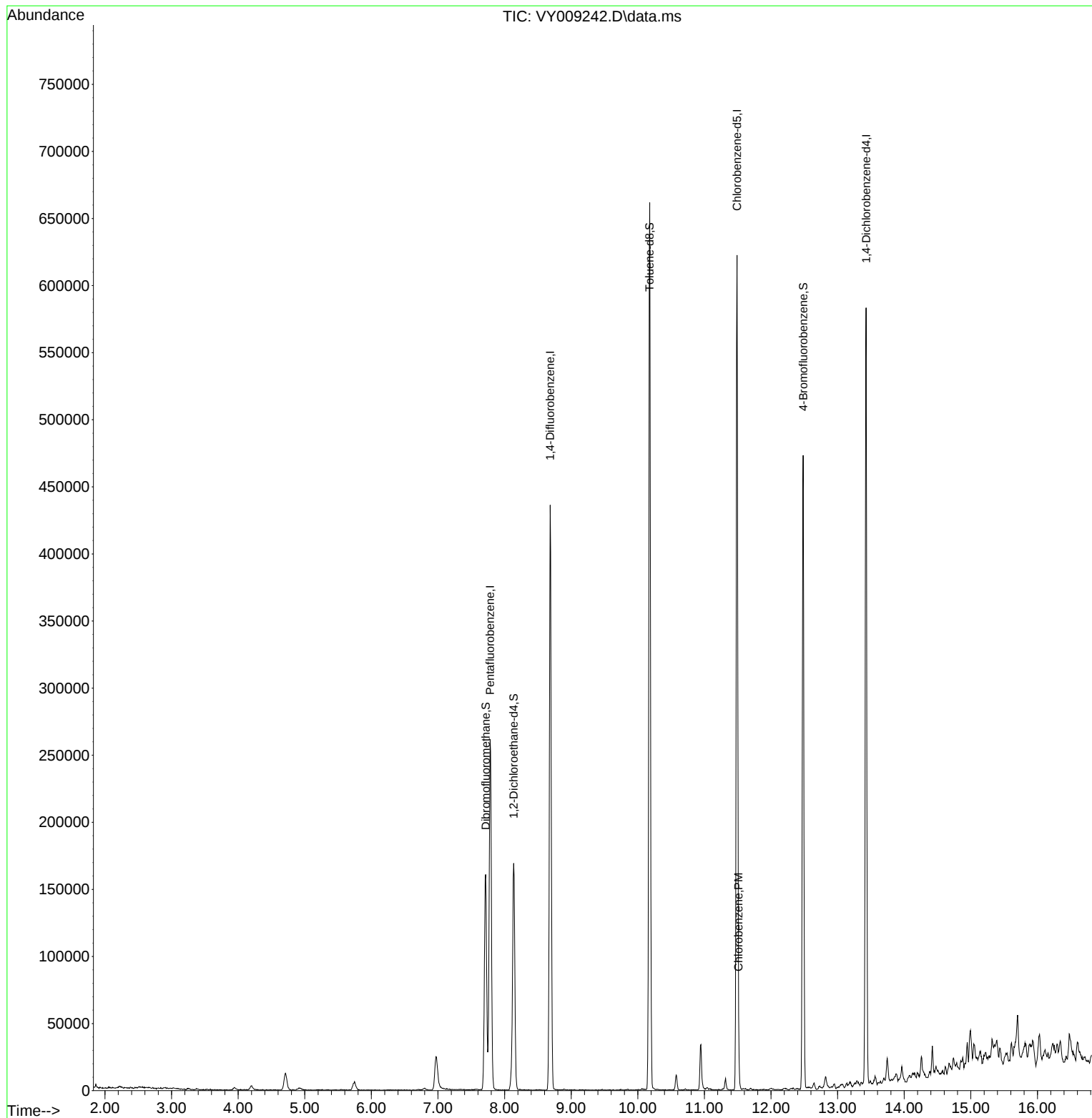
Internal Standards						
1) Pentafluorobenzene	7.783	168	209875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	336114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123805	56.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.940%
35) Dibromofluoromethane	7.716	113	113560	49.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.179	98	433178	49.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.483	95	142110	46.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.040%
Target Compounds						Qvalue
65) Chlorobenzene	11.514	112	8598	1.181	ug/l	98

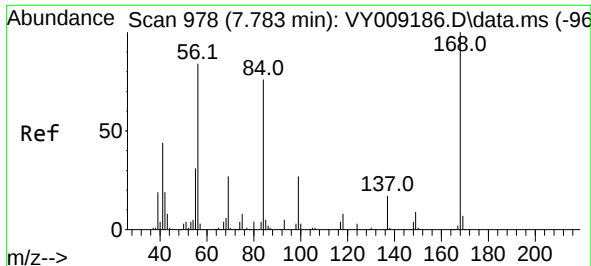
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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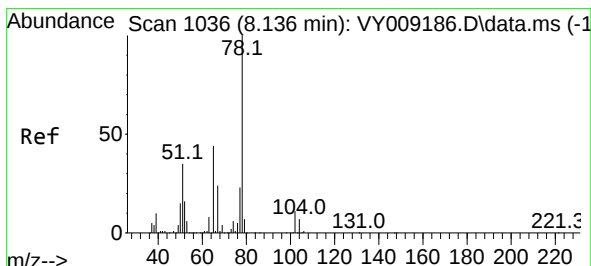
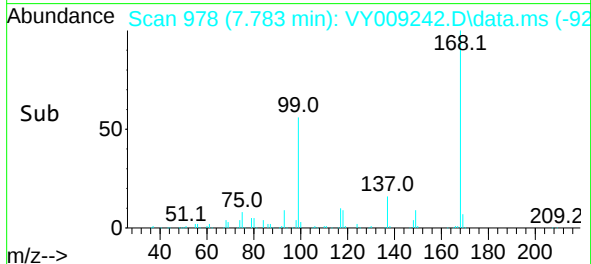
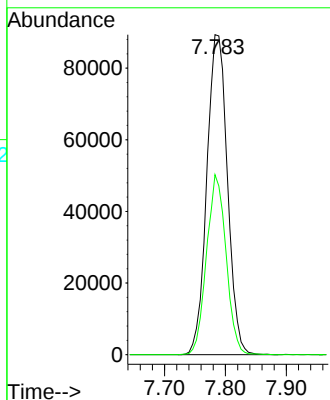
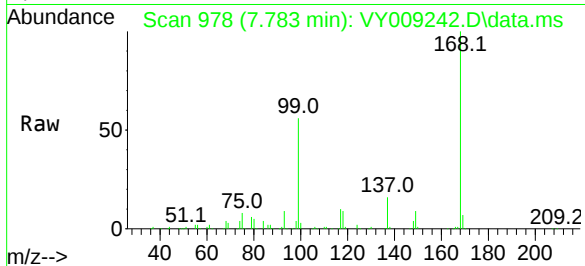




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009242.D
Acq: 20 Jun 2022 14:17

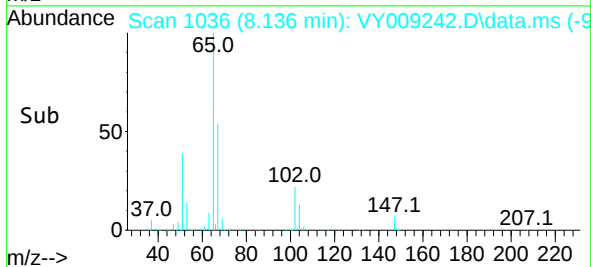
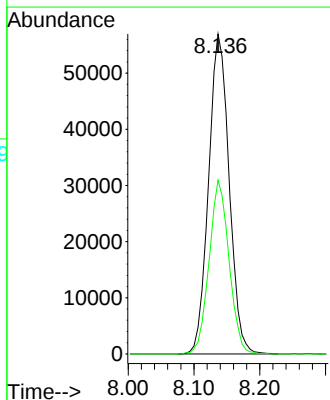
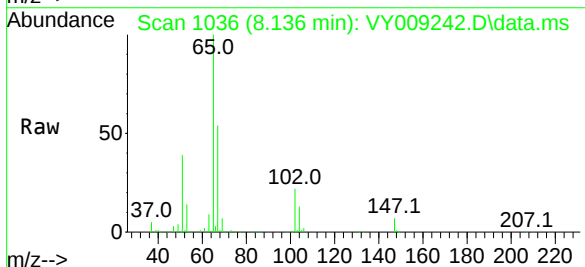
Instrument :
MSVOA_Y
ClientSampleId :
PT-2-061722

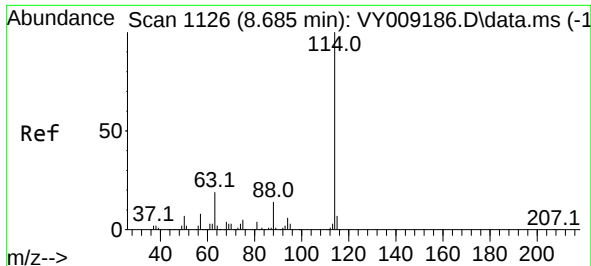
Tgt Ion:168 Resp: 209875
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.471 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009242.D
Acq: 20 Jun 2022 14:17

Tgt Ion: 65 Resp: 123805
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

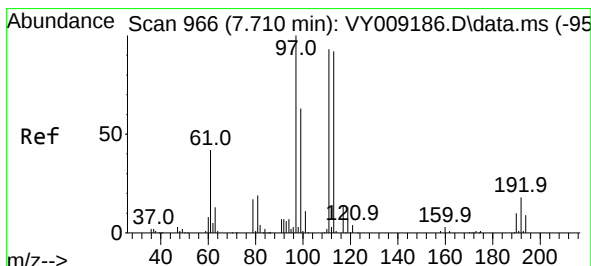
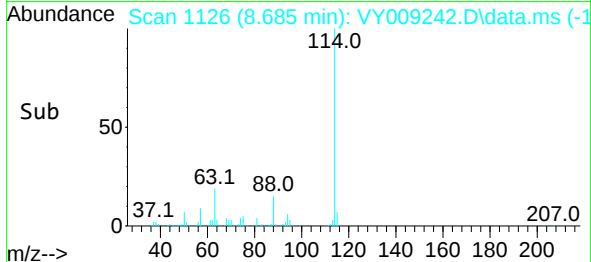
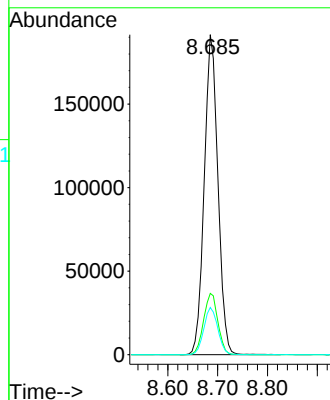
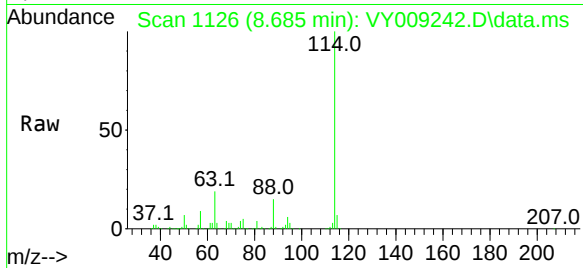




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009242.D
Acq: 20 Jun 2022 14:17

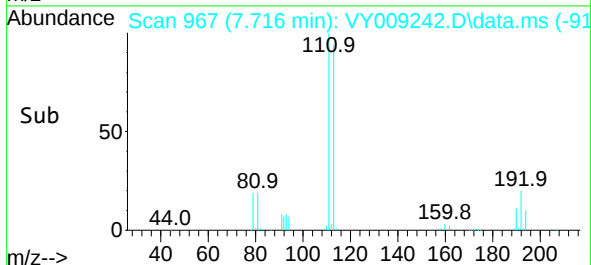
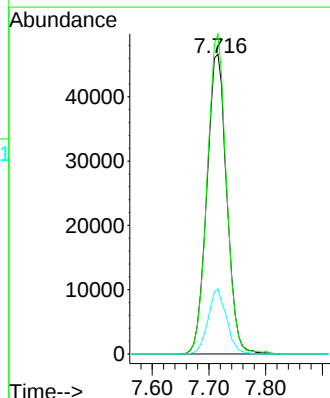
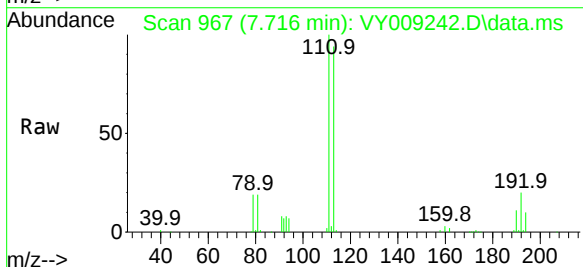
Instrument :
MSVOA_Y
ClientSampleId :
PT-2-061722

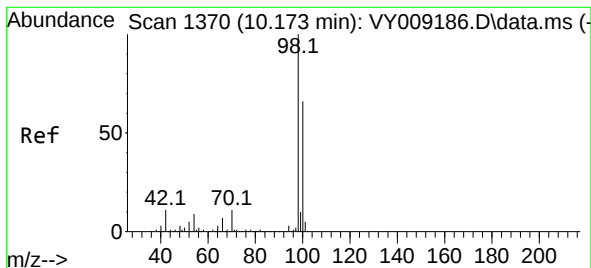
Tgt Ion:114 Resp: 364129
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.742 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009242.D
Acq: 20 Jun 2022 14:17

Tgt Ion:113 Resp: 113560
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.1 17.6 26.4





#50

Toluene-d8

Concen: 49.846 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009242.D

Acq: 20 Jun 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

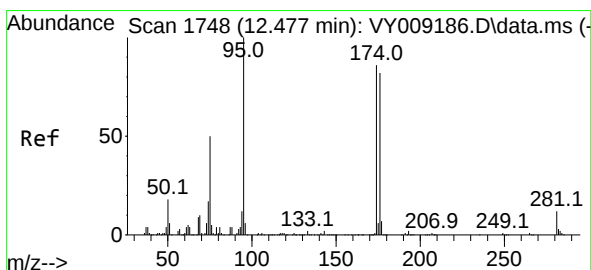
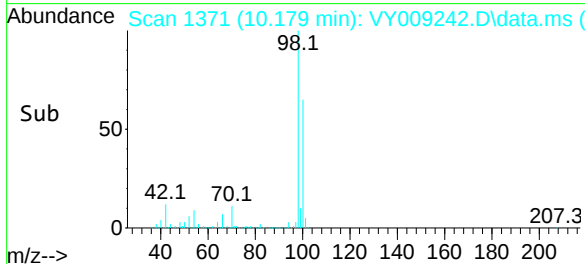
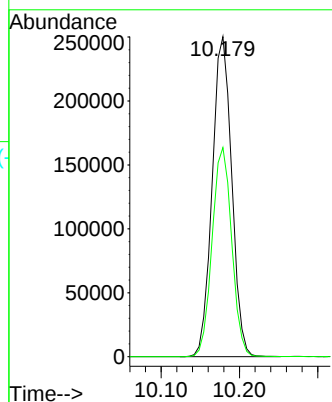
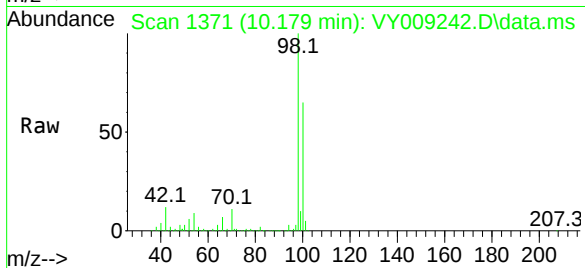
PT-2-061722

Tgt Ion: 98 Resp: 433178

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 46.017 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY009242.D

Acq: 20 Jun 2022 14:17

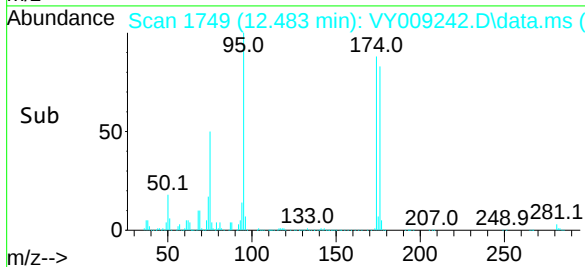
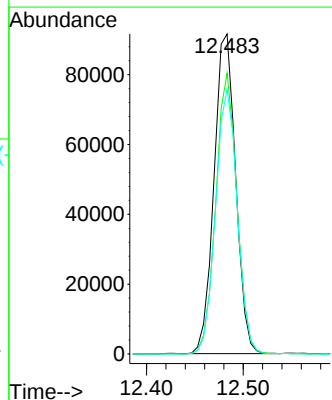
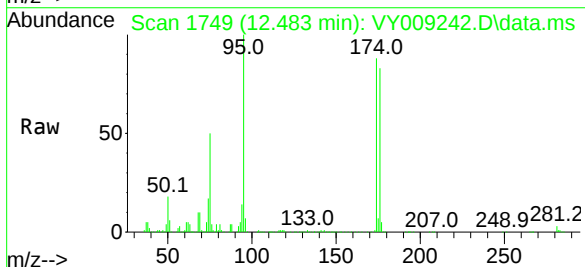
Tgt Ion: 95 Resp: 142110

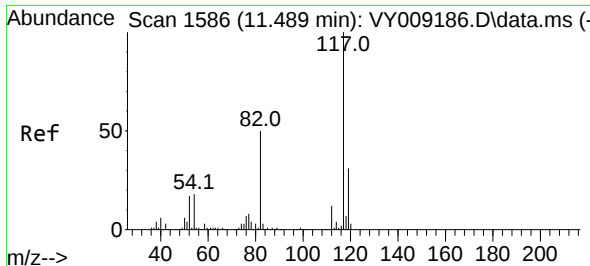
Ion Ratio Lower Upper

95 100

174 86.0 0.0 177.0

176 82.9 0.0 175.8

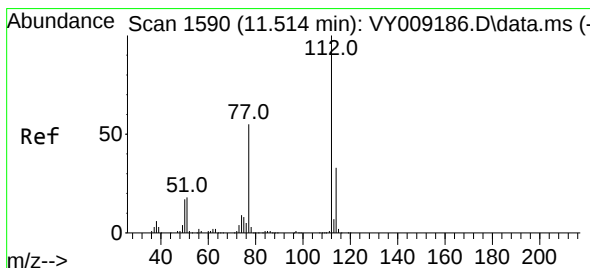
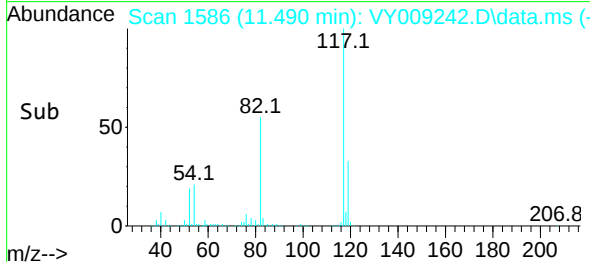
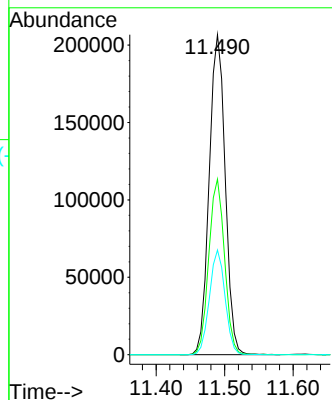
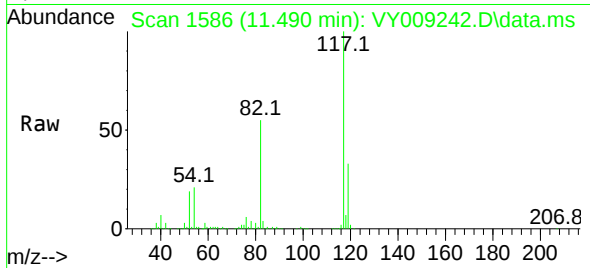




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009242.D
Acq: 20 Jun 2022 14:17

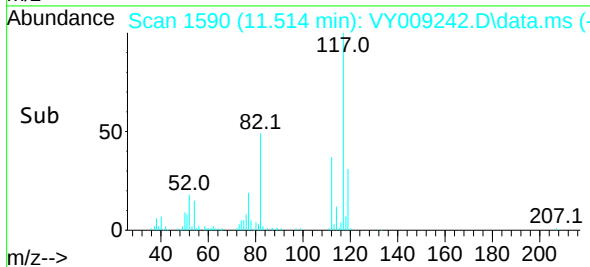
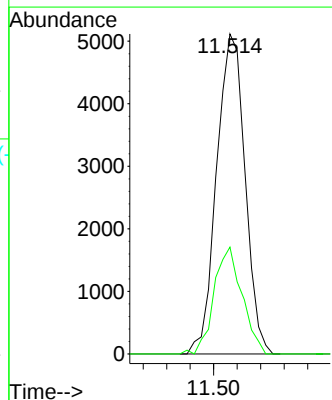
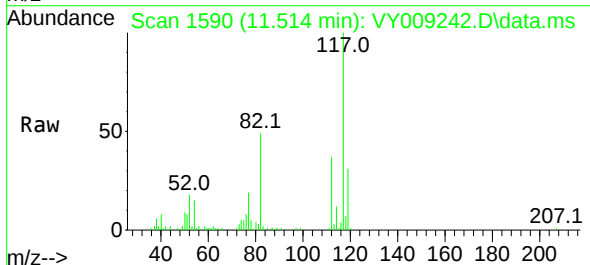
Instrument :
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ClientSampleId :
PT-2-061722

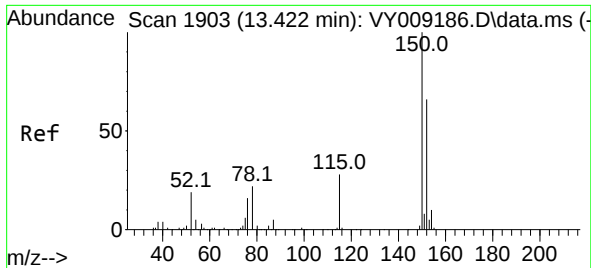
Tgt Ion:117 Resp: 336114
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.7 25.4 38.0



#65
Chlorobenzene
Concen: 1.181 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY009242.D
Acq: 20 Jun 2022 14:17

Tgt Ion:112 Resp: 8598
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009242.D

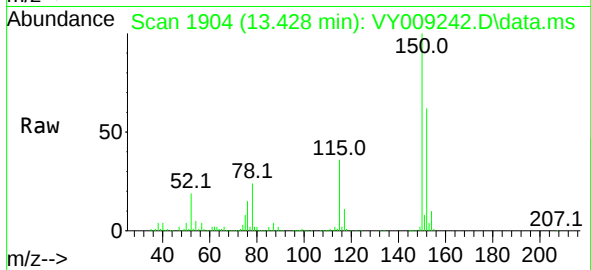
Acq: 20 Jun 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

PT-2-061722



Tgt Ion:152 Resp: 148497

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 158.4 0.0 347.6

