

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062022\
 Data File : VY009243.D
 Acq On : 20 Jun 2022 14:41
 Operator : KP/MD
 Sample : N3397-01
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-061722

Quant Time: Jun 21 08:13:10 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)

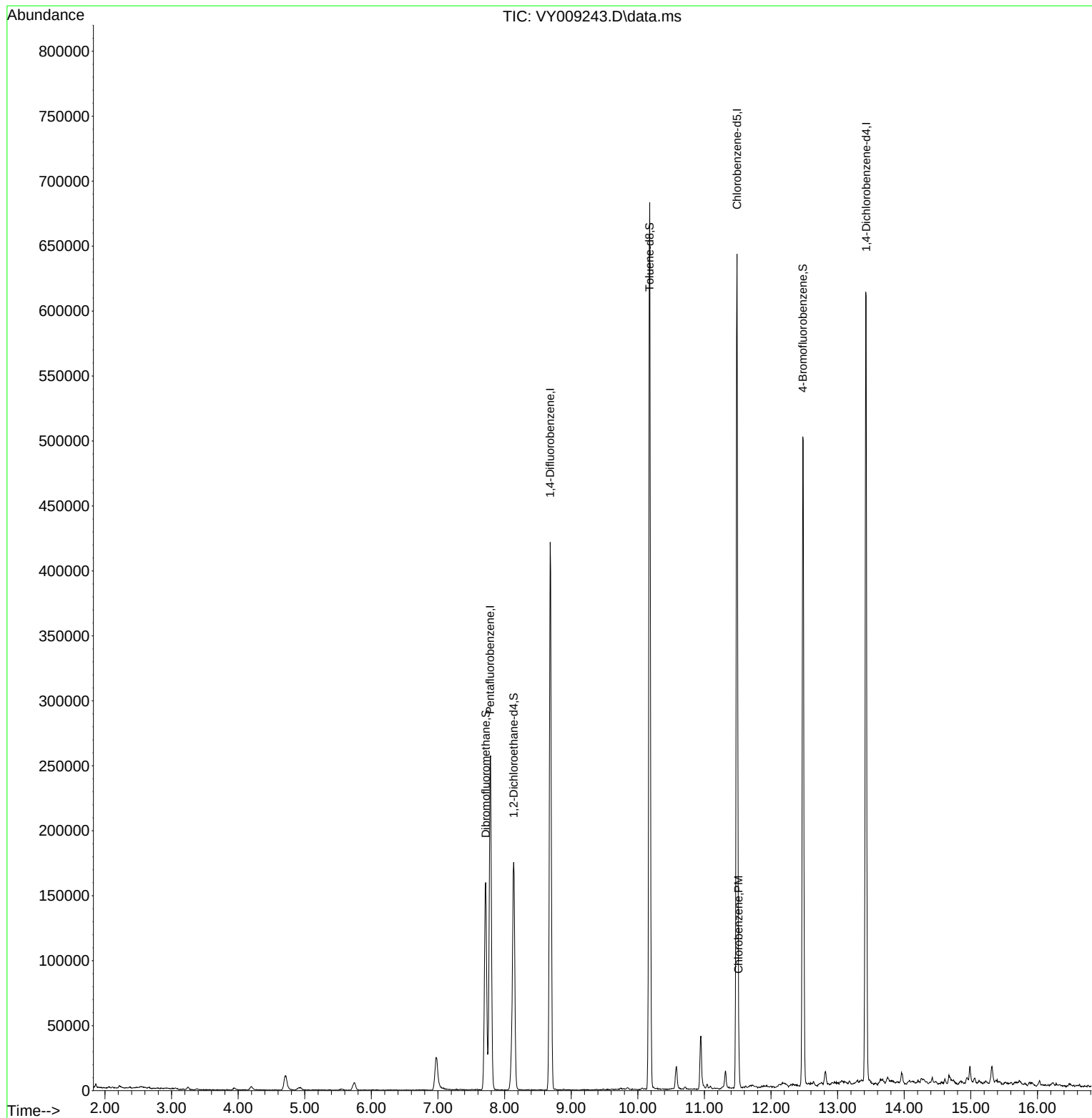
Internal Standards						
1) Pentafluorobenzene	7.782	168	204690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123354	57.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.380%
35) Dibromofluoromethane	7.715	113	111962	49.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.380%
50) Toluene-d8	10.178	98	438845	51.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.477	95	153288	50.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.580%
Target Compounds						
					Qvalue	
65) Chlorobenzene	11.514	112	9710	1.304	ug/l	98

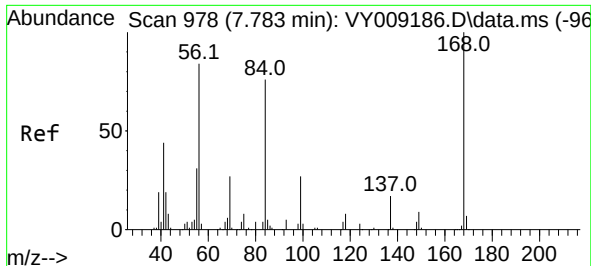
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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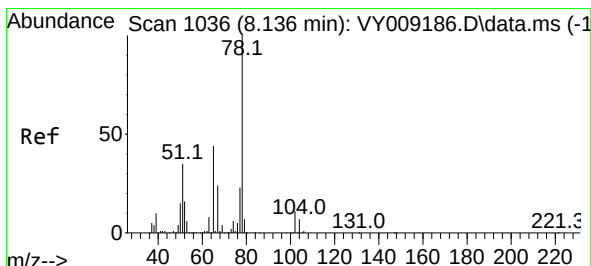
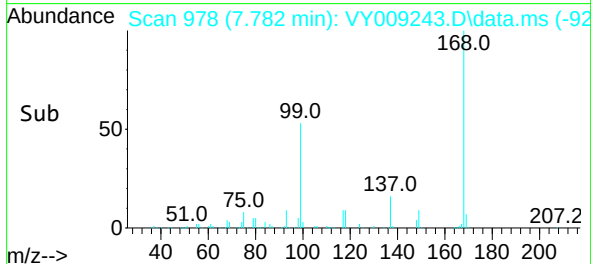
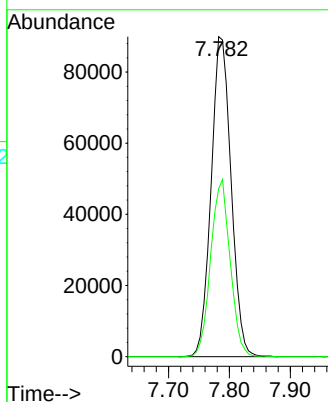
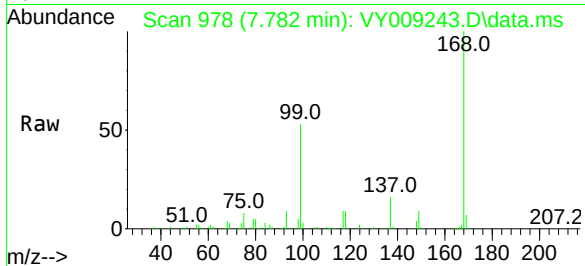




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009243.D
Acq: 20 Jun 2022 14:41

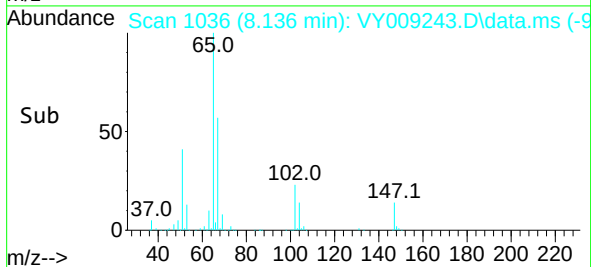
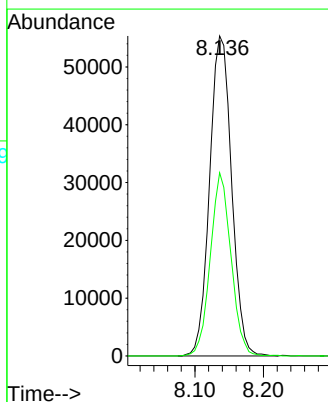
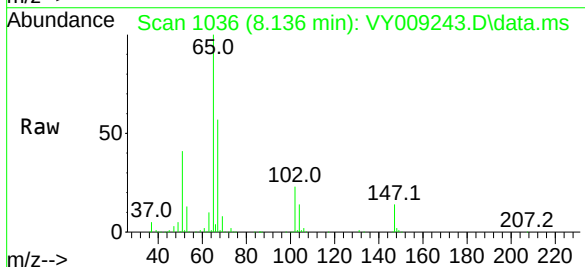
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-061722

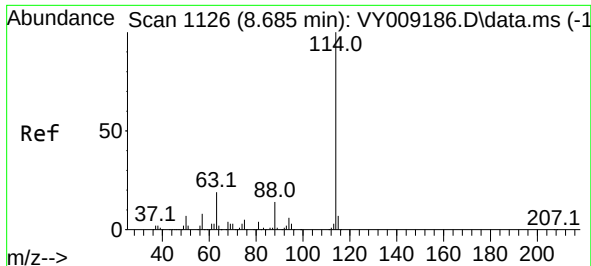
Tgt Ion:168 Resp: 204690
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.691 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009243.D
Acq: 20 Jun 2022 14:41

Tgt Ion: 65 Resp: 123354
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

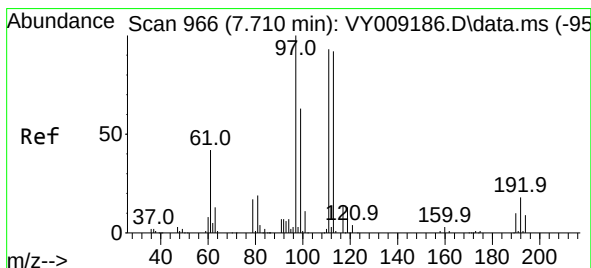
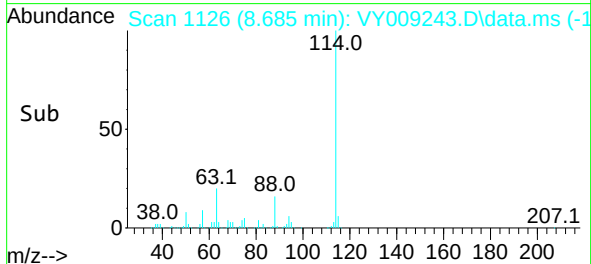
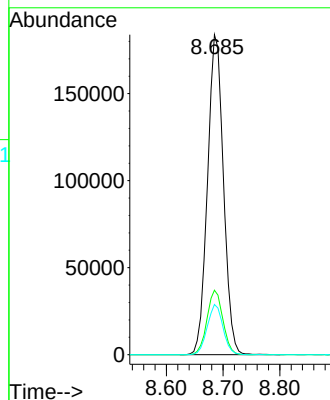
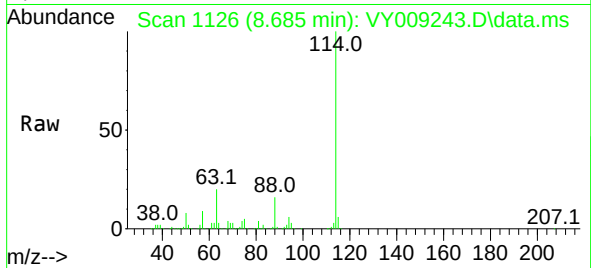




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009243.D
Acq: 20 Jun 2022 14:41

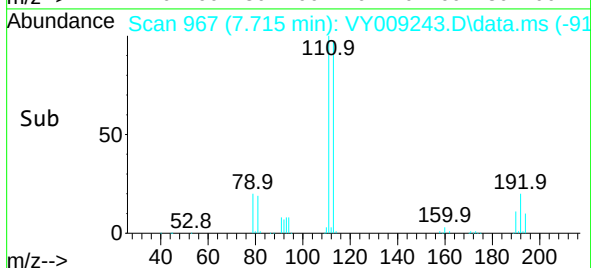
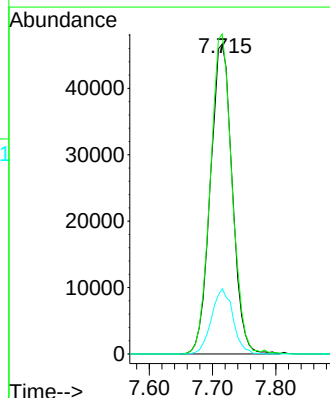
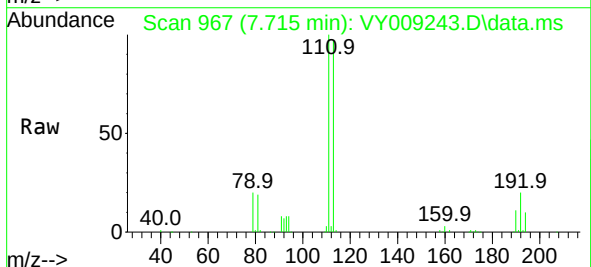
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-061722

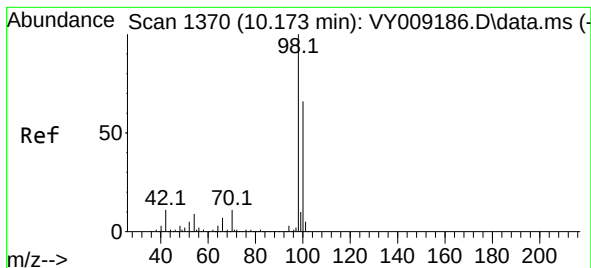
Tgt Ion:114 Resp: 359376
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.691 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009243.D
Acq: 20 Jun 2022 14:41

Tgt Ion:113 Resp: 111962
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.6 17.6 26.4

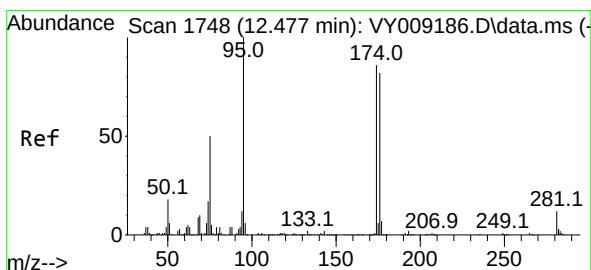
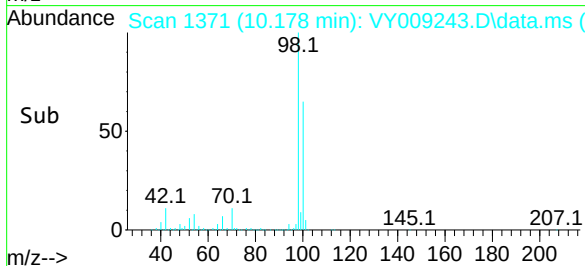
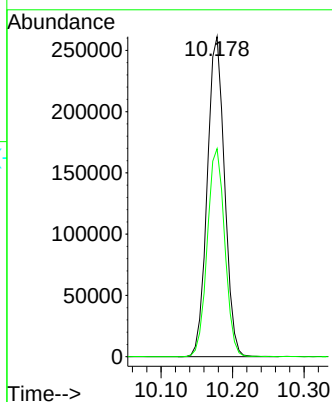
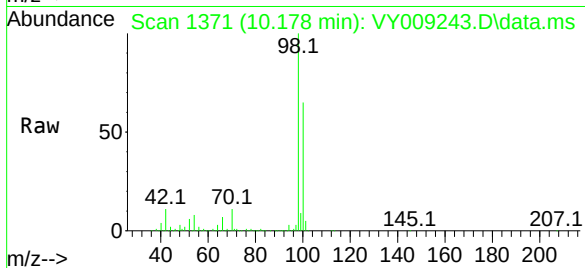




#50
Toluene-d8
Concen: 51.165 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009243.D
Acq: 20 Jun 2022 14:41

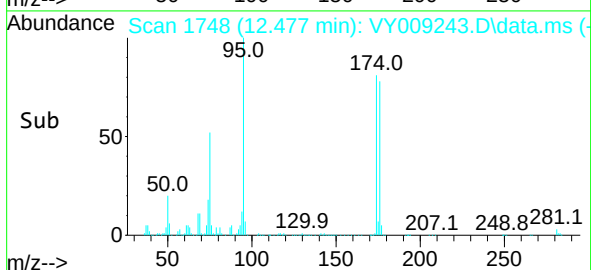
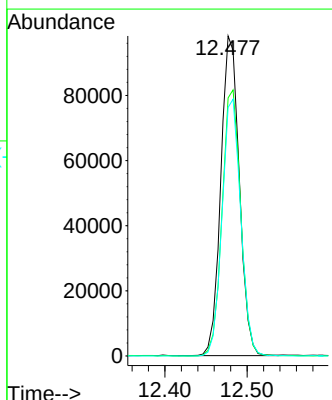
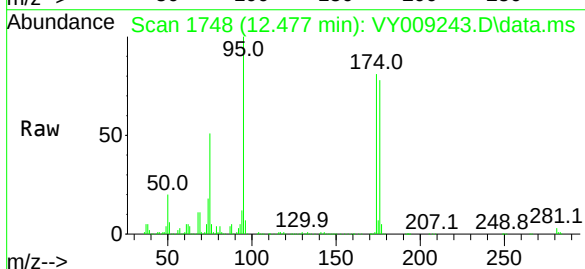
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-061722

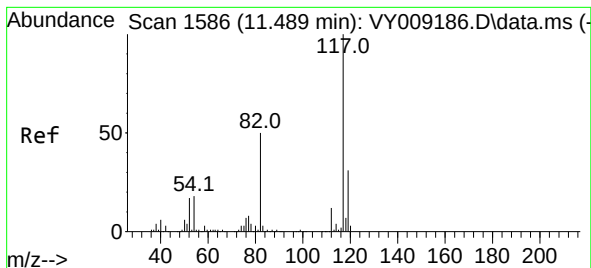
Tgt Ion: 98 Resp: 438845
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.293 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009243.D
Acq: 20 Jun 2022 14:41

Tgt Ion: 95 Resp: 153288
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 81.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009243.D

Acq: 20 Jun 2022 14:41

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-061722

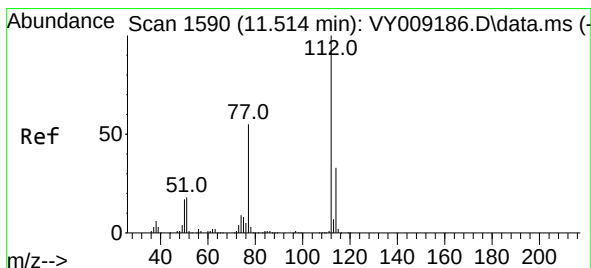
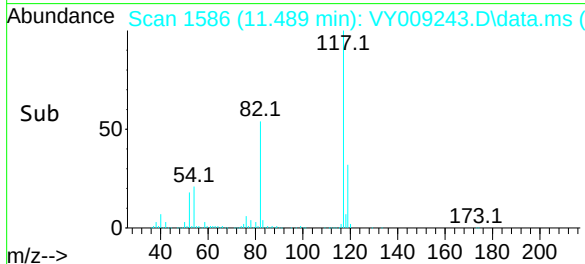
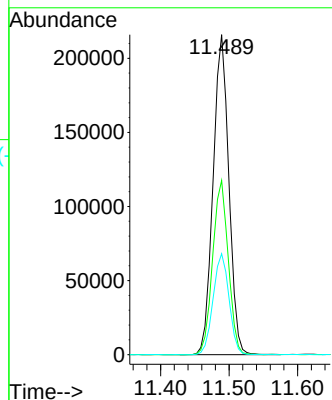
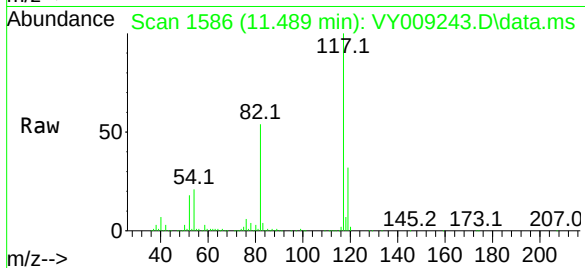
Tgt Ion:117 Resp: 343841

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.4

119 31.6 25.4 38.0



#65

Chlorobenzene

Concen: 1.304 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009243.D

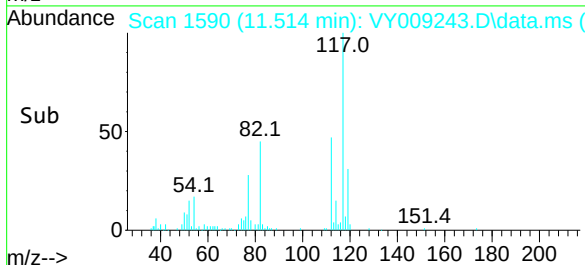
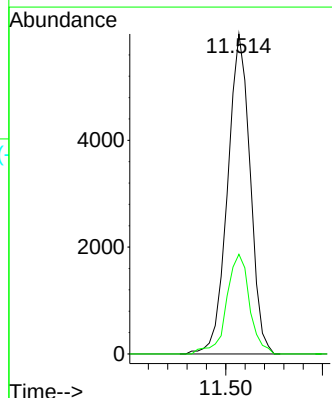
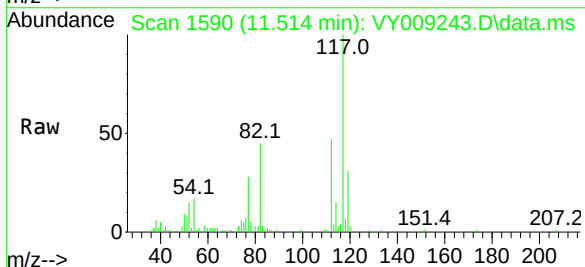
Acq: 20 Jun 2022 14:41

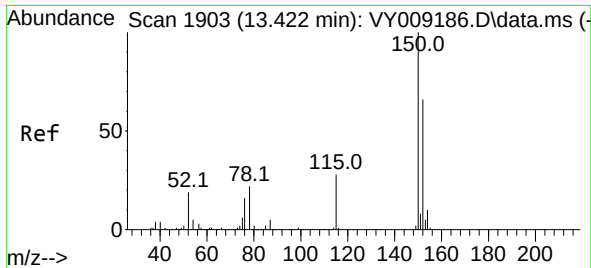
Tgt Ion:112 Resp: 9710

Ion Ratio Lower Upper

112 100

114 31.1 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: VY009243.D

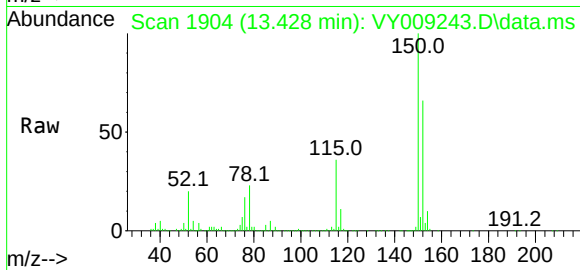
Acq: 20 Jun 2022 14:41

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 159413

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 156.3 0.0 347.6

