

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009208.D
 Acq On : 16 Jun 2022 17:39
 Operator : KP/MD
 Sample : N3340-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CS-3

Quant Time: Jun 17 02:27:36 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)

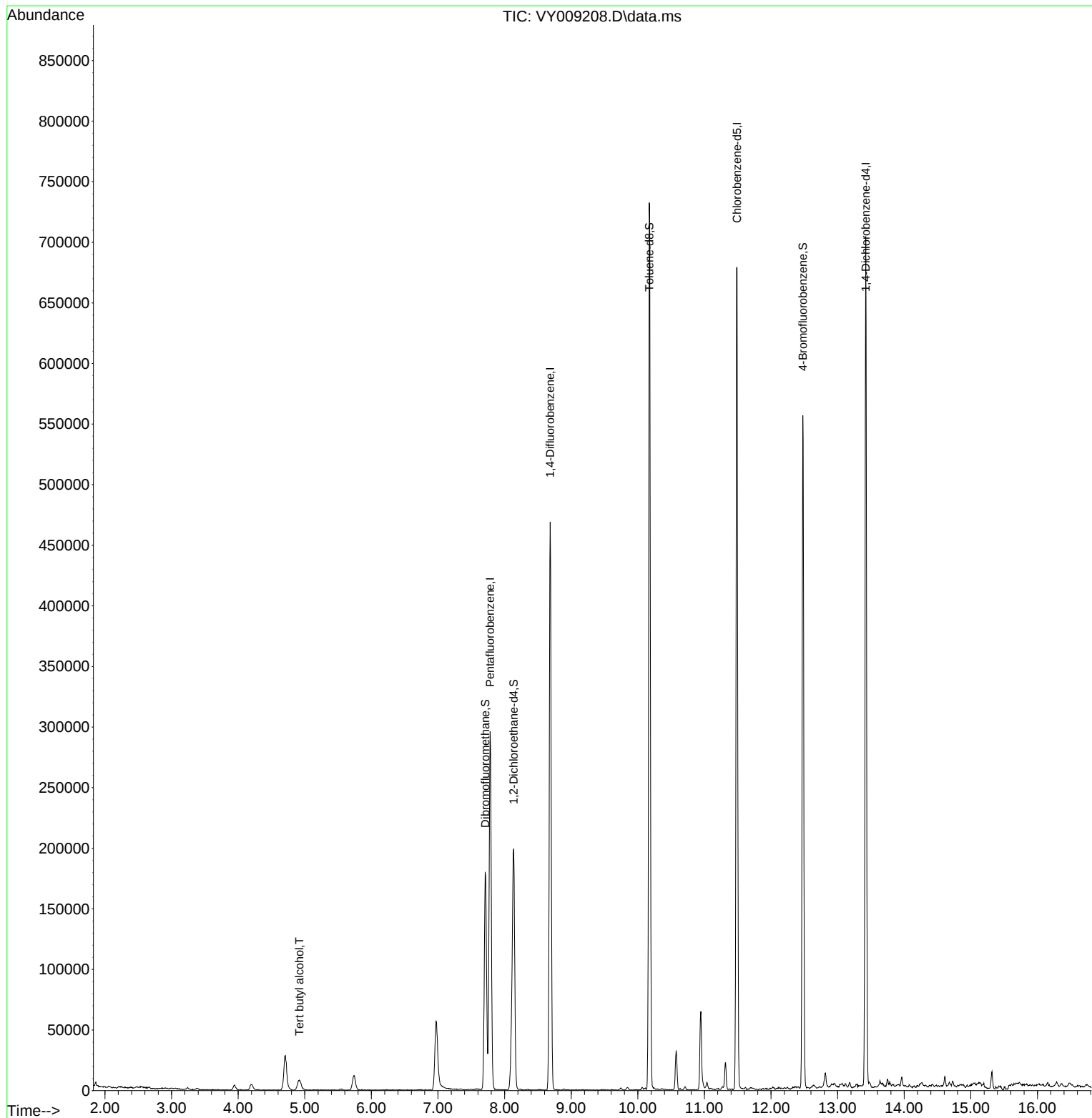
Internal Standards						
1) Pentafluorobenzene	7.783	168	236467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137605	55.707	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.420%	
35) Dibromofluoromethane	7.710	113	128927	49.946	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.900%	
50) Toluene-d8	10.173	98	485231	49.382	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.760%	
62) 4-Bromofluorobenzene	12.477	95	175092	50.144	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	100.280%	
Target Compounds						
11) Tert butyl alcohol	4.917	59	9156	23.364	ug/l	Qvalue # 79

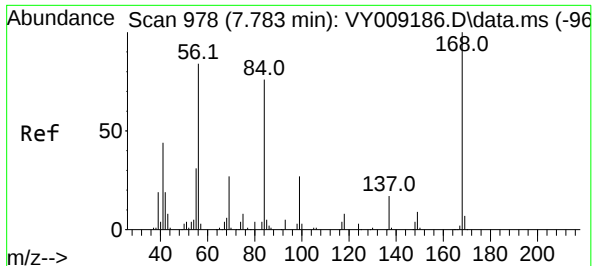
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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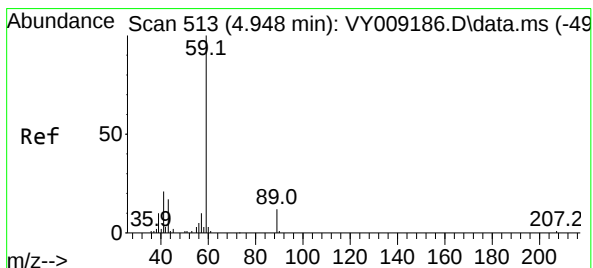
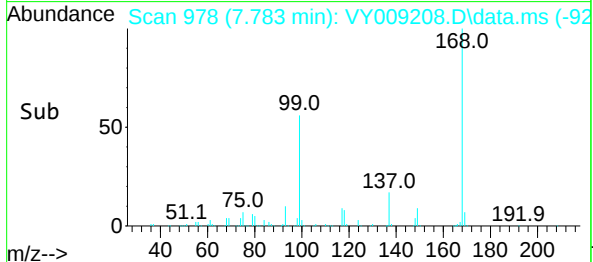
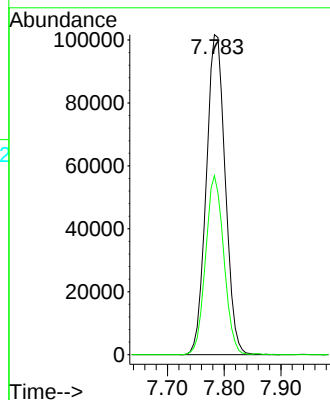
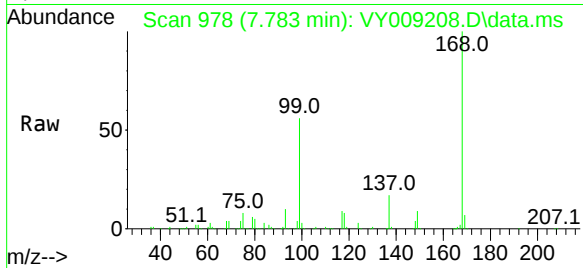




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

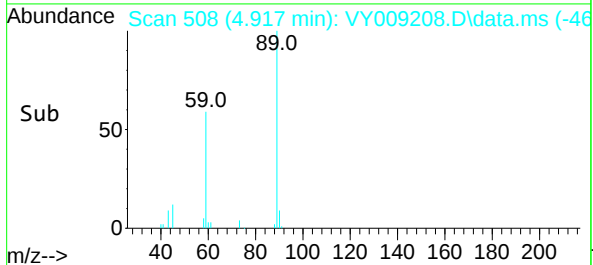
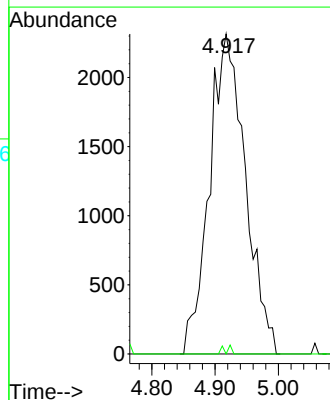
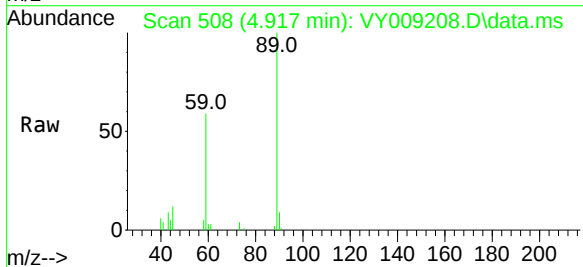
Instrument :
MSVOA_Y
ClientSampleId :
CS-3

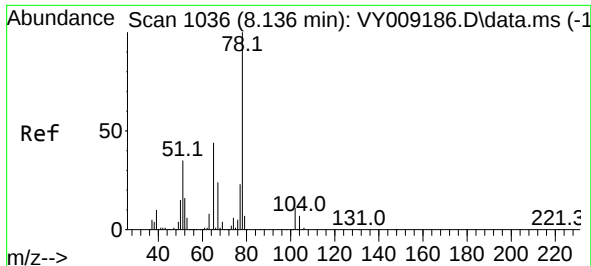
Tgt Ion:168 Resp: 236467
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 23.364 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

Tgt Ion: 59 Resp: 9156
Ion Ratio Lower Upper
59 100
57 0.5 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 55.707 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009208.D

Acq: 16 Jun 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

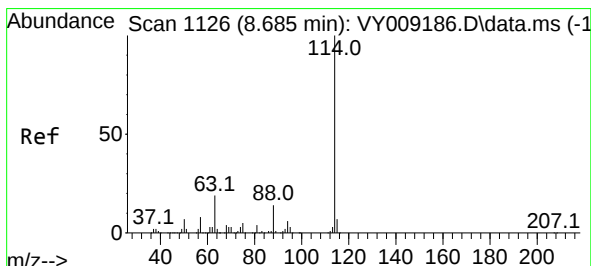
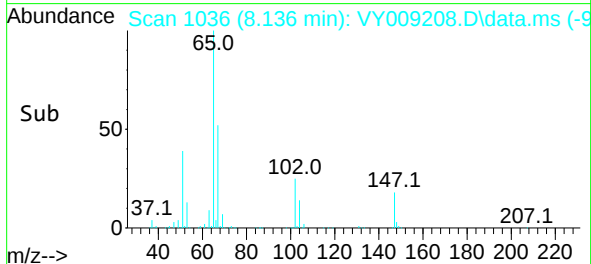
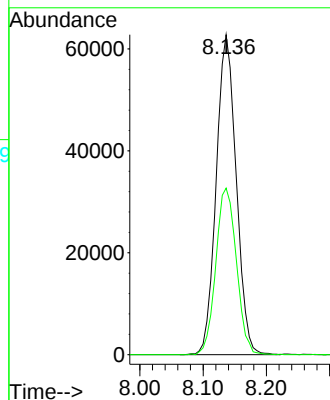
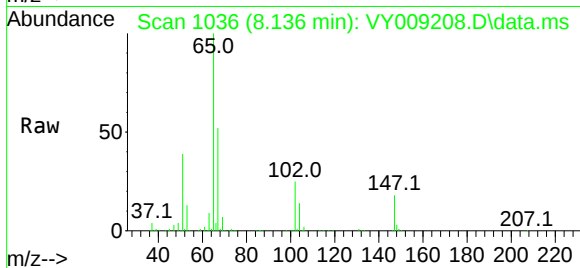
CS-3

Tgt Ion: 65 Resp: 137605

Ion Ratio Lower Upper

65 100

67 53.7 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: VY009208.D

Acq: 16 Jun 2022 17:39

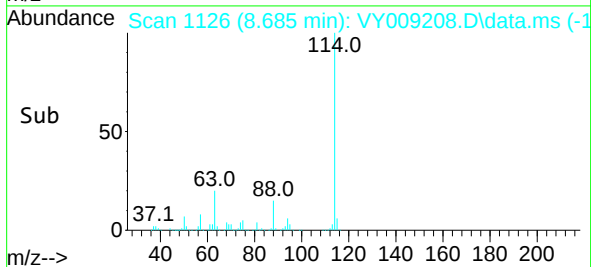
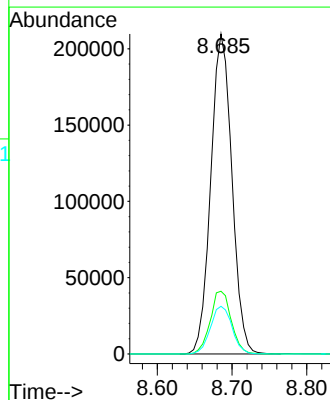
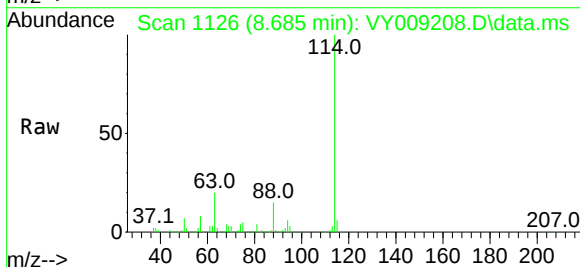
Tgt Ion: 114 Resp: 411717

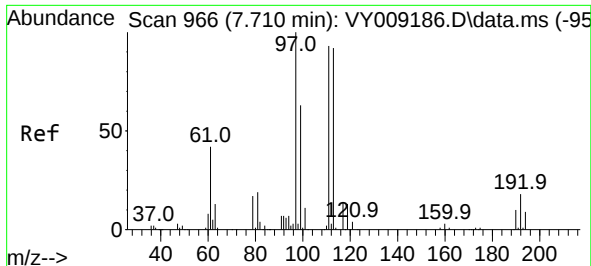
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.9 0.0 31.8



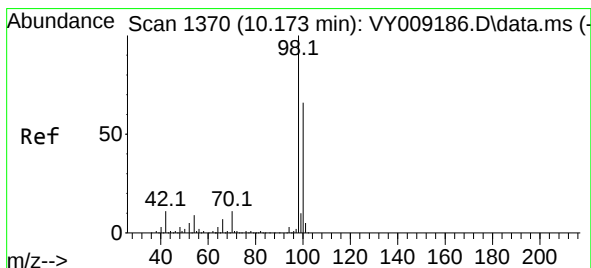
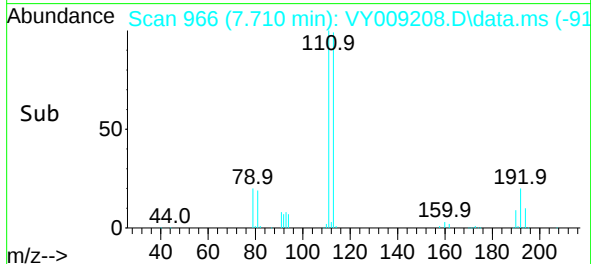
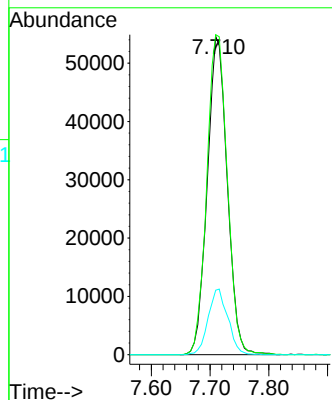
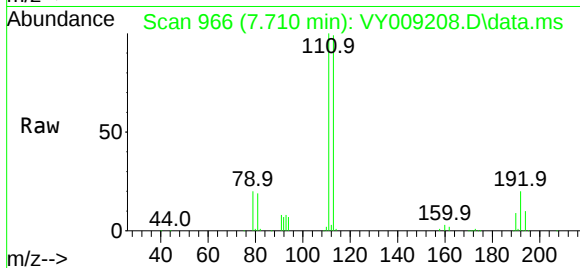


#35
 Dibromofluoromethane
 Concen: 49.946 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY009208.D
 Acq: 16 Jun 2022 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 CS-3

Tgt Ion:113 Resp: 128927

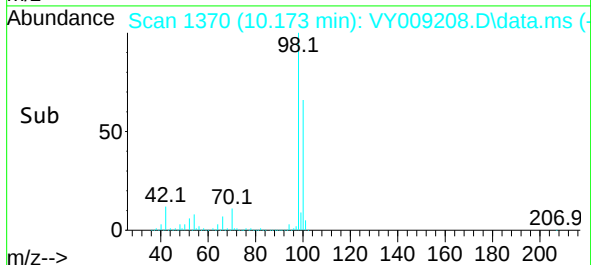
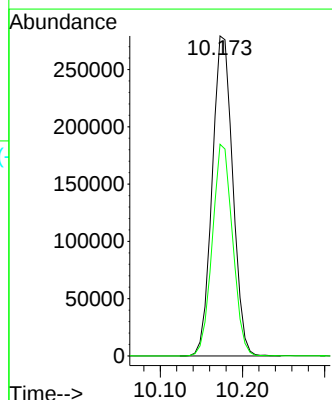
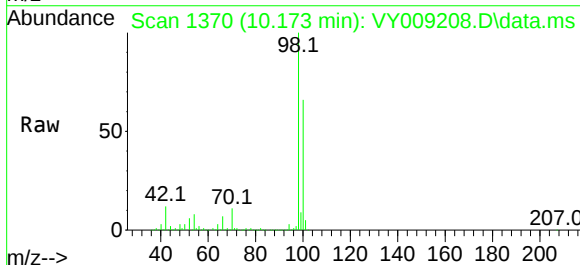
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	20.4	17.6	26.4

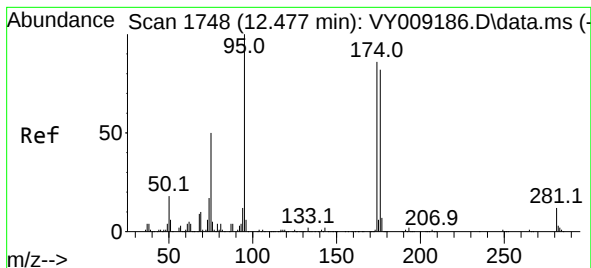


#50
 Toluene-d8
 Concen: 49.382 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY009208.D
 Acq: 16 Jun 2022 17:39

Tgt Ion: 98 Resp: 485231

Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.2	75.2

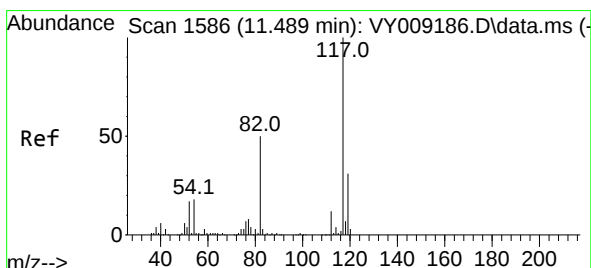
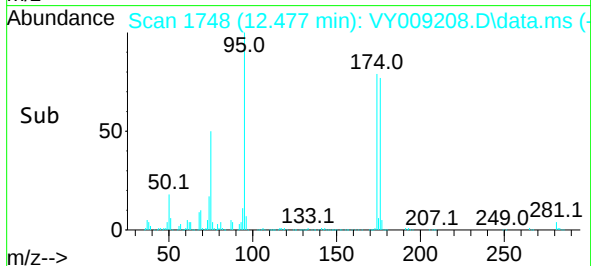
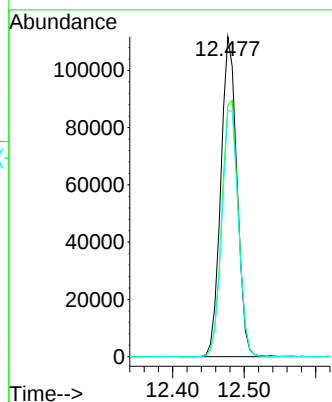
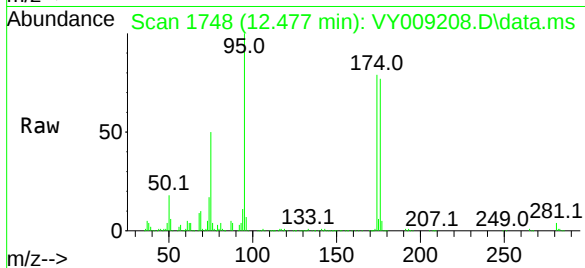




#62
4-Bromofluorobenzene
Concen: 50.144 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

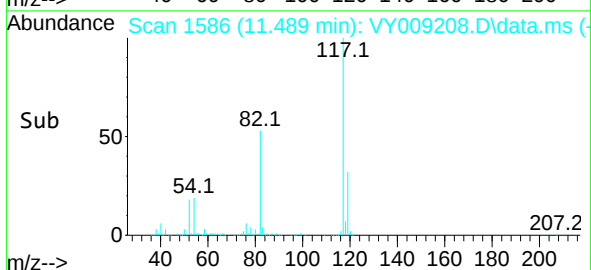
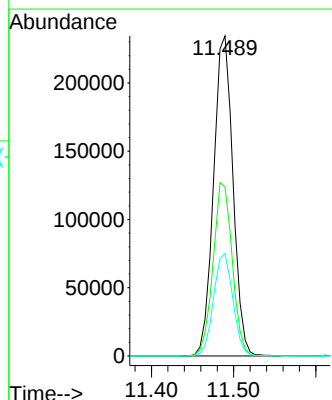
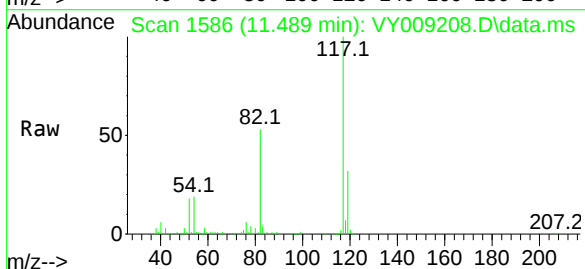
Instrument :
MSVOA_Y
ClientSampleId :
CS-3

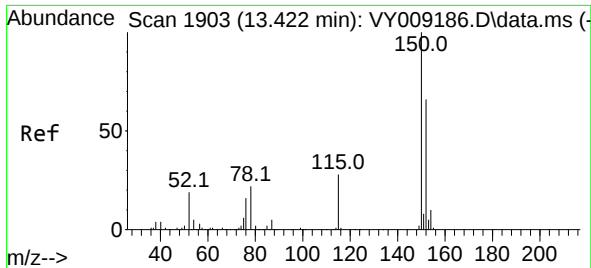
Tgt Ion: 95 Resp: 175092
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009208.D
Acq: 16 Jun 2022 17:39

Tgt Ion: 117 Resp: 384198
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.0 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: VY009208.D

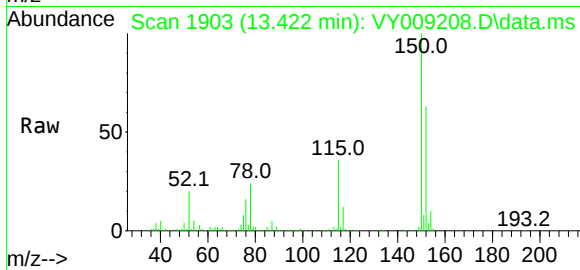
Acq: 16 Jun 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

CS-3



Tgt Ion:152 Resp: 181900

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 155.5 0.0 347.6

