

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009230.D
 Acq On : 17 Jun 2022 16:28
 Operator : KP/MD
 Sample : N3373-12
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DS-7D

Quant Time: Jun 17 22:54:52 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)

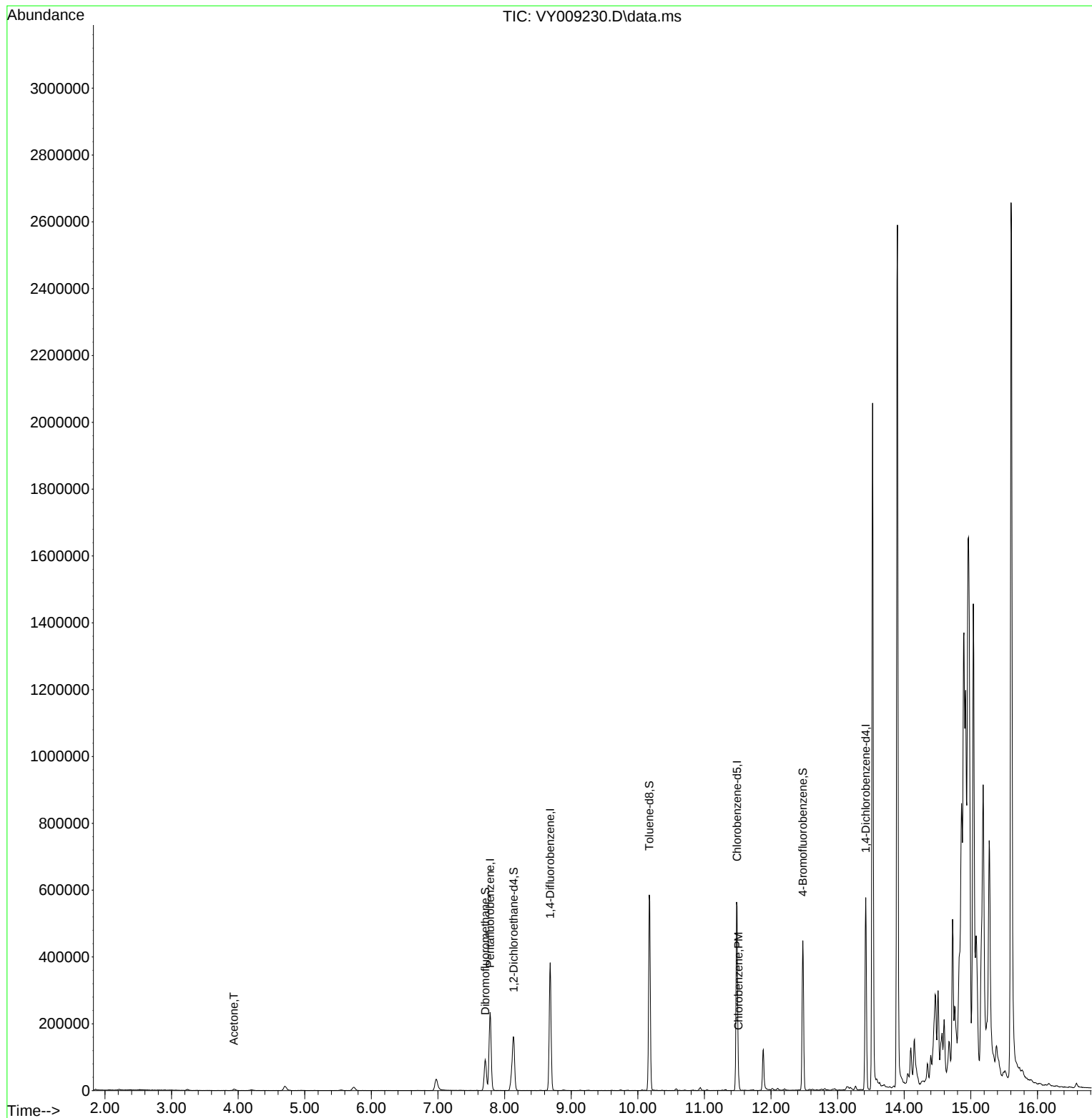
Internal Standards						
1) Pentafluorobenzene	7.782	168	183333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108525	56.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.709	113	65852	33.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.100%
50) Toluene-d8	10.172	98	382493	50.424	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.477	95	134913	50.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.100%
Target Compounds						
16) Acetone	3.936	43	7068	14.652	ug/l	97
65) Chlorobenzene	11.514	112	13467	2.082	ug/l	98

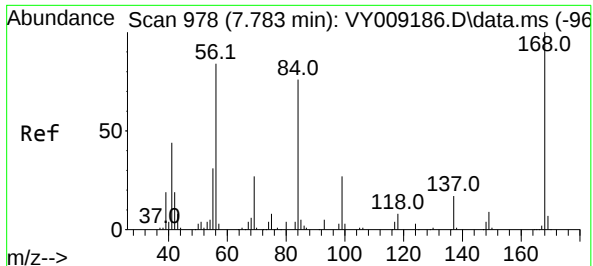
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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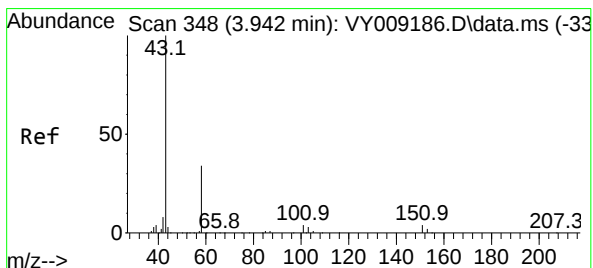
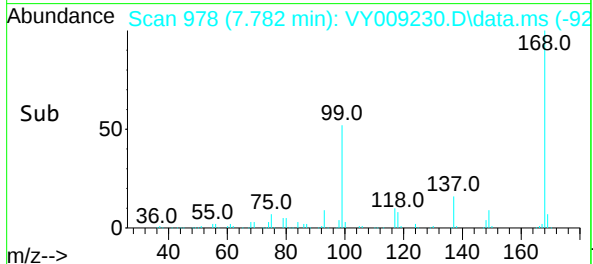
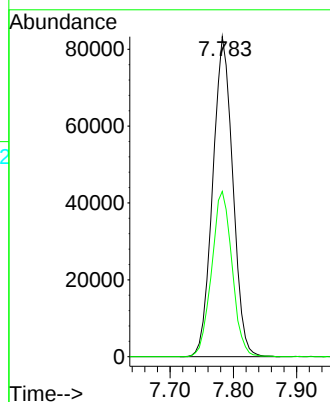
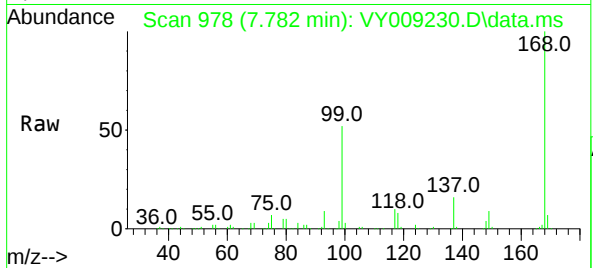




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

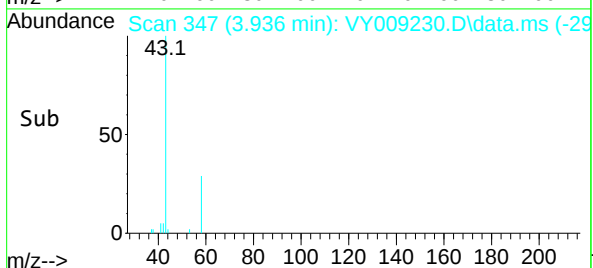
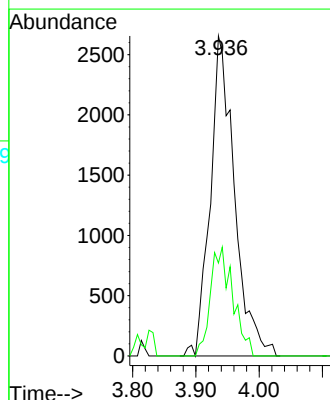
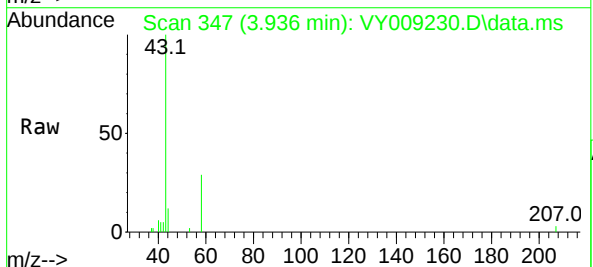
Instrument :
MSVOA_Y
ClientSampleId :
DS-7D

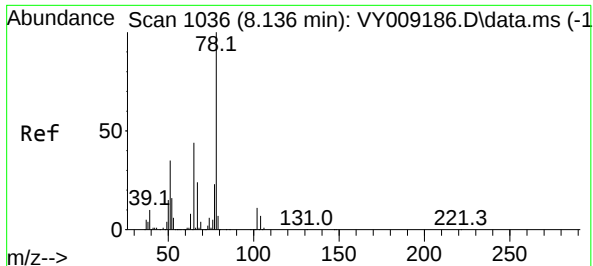
Tgt Ion:168 Resp: 183333
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#16
Acetone
Concen: 14.652 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Tgt Ion: 43 Resp: 7068
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 56.668 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

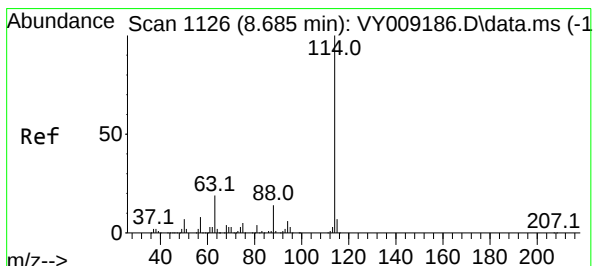
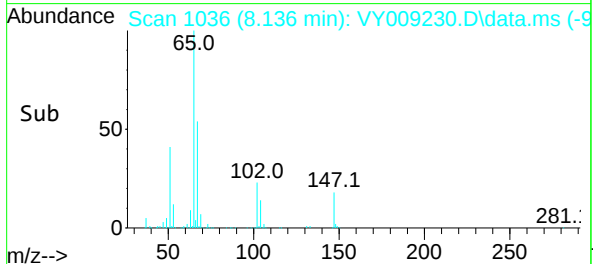
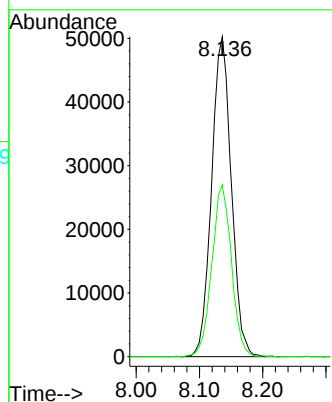
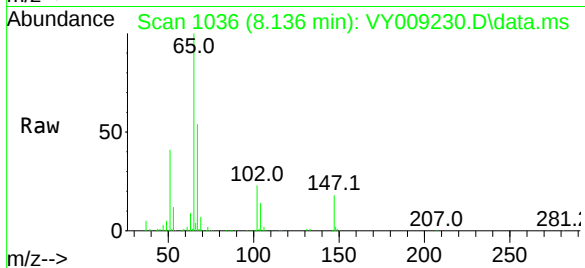
DS-7D

Tgt Ion: 65 Resp: 108525

Ion Ratio Lower Upper

65 100

67 53.6 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: VY009230.D

Acq: 17 Jun 2022 16:28

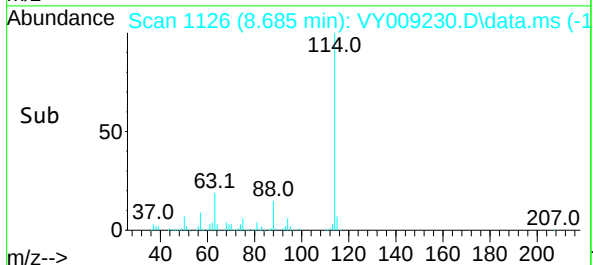
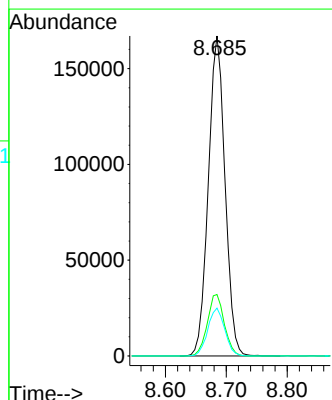
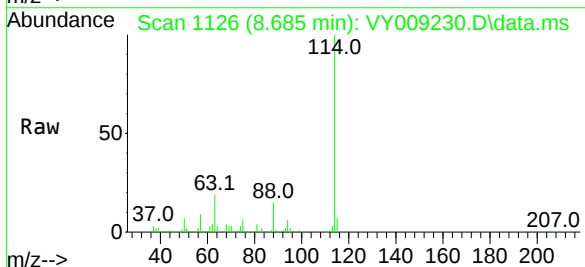
Tgt Ion: 114 Resp: 317835

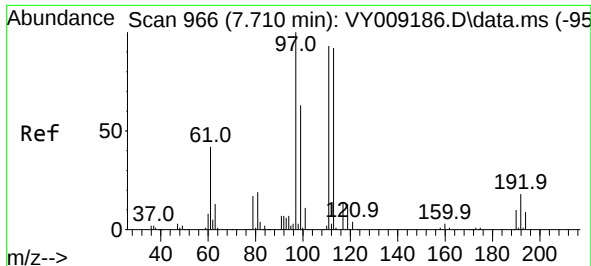
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8

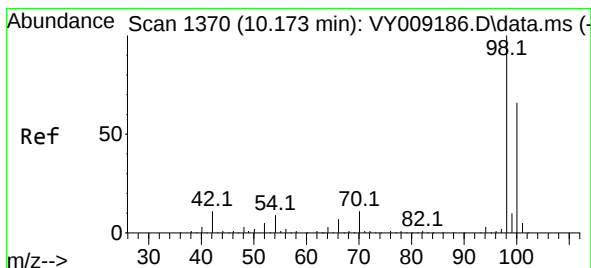
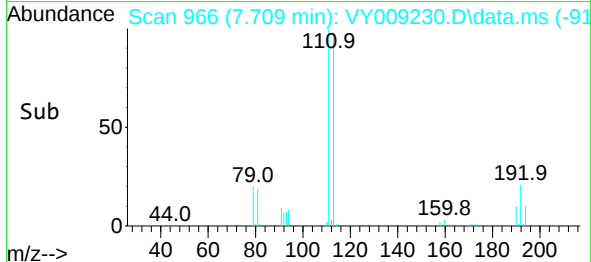
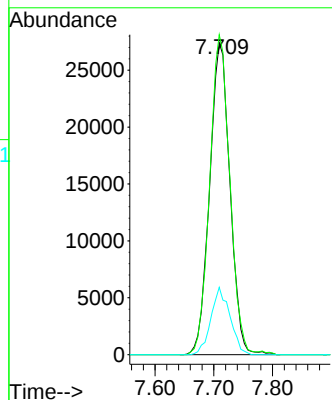
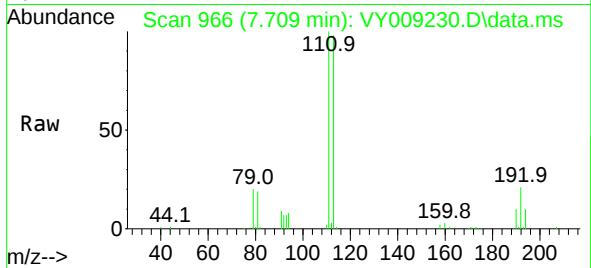




#35
Dibromofluoromethane
Concen: 33.046 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

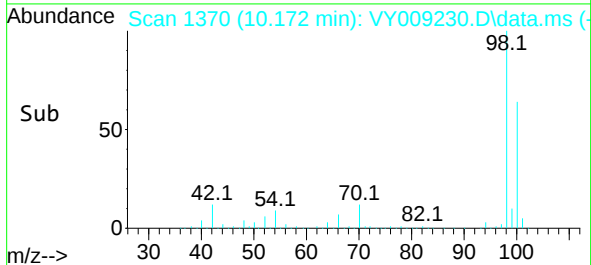
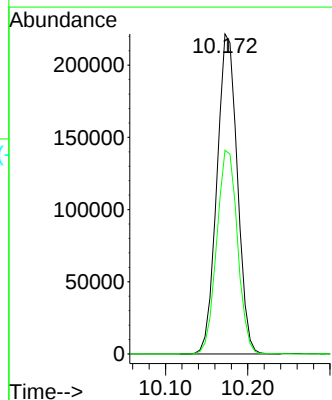
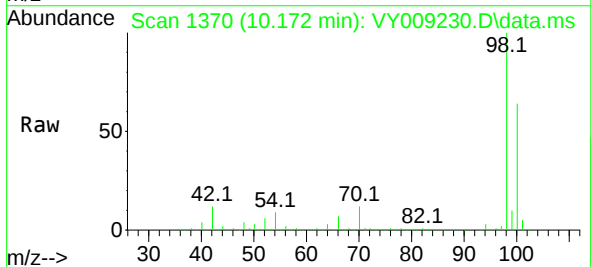
Instrument :
MSVOA_Y
ClientSampleId :
DS-7D

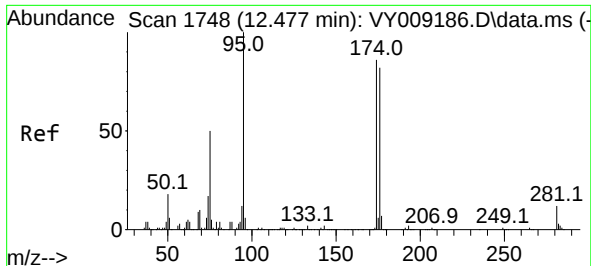
Tgt Ion:113 Resp: 65852
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.3 17.6 26.4



#50
Toluene-d8
Concen: 50.424 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Tgt Ion: 98 Resp: 382493
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

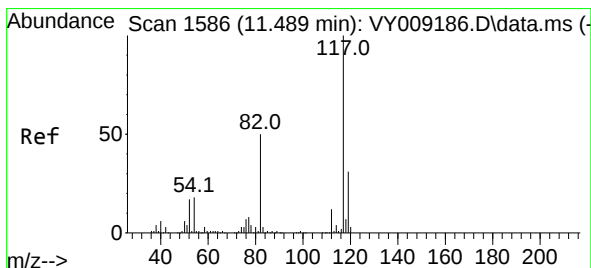
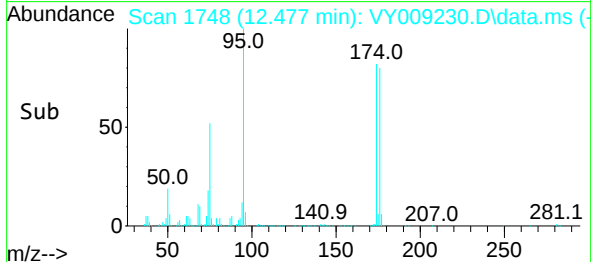
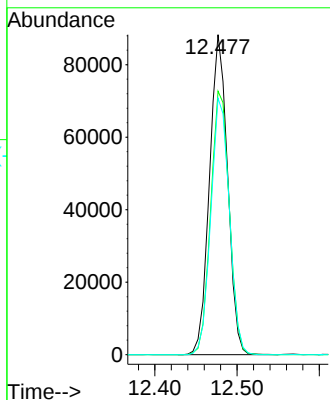
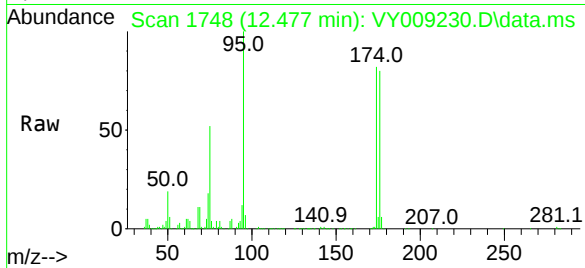




#62
4-Bromofluorobenzene
Concen: 50.050 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

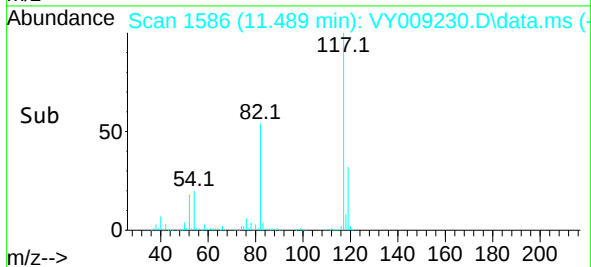
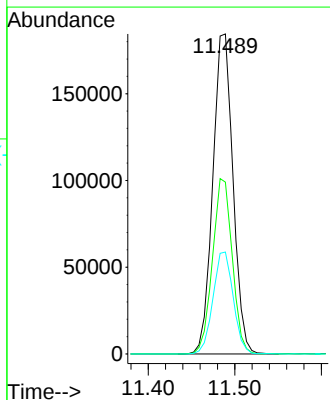
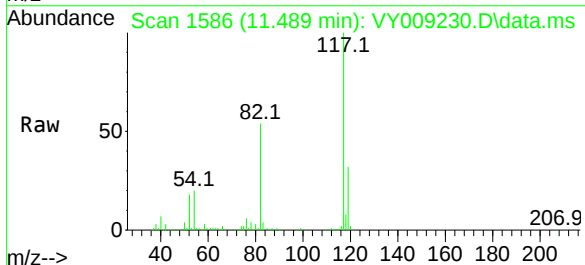
Instrument :
MSVOA_Y
ClientSampleId :
DS-7D

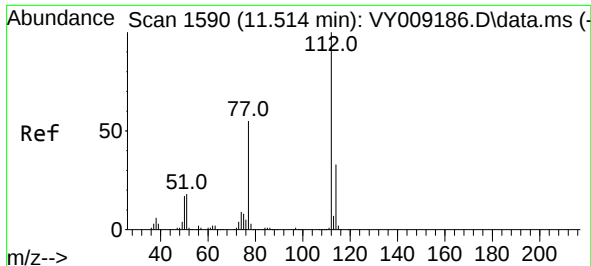
Tgt Ion: 95 Resp: 134913
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Tgt Ion: 117 Resp: 298590
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.9 25.4 38.0

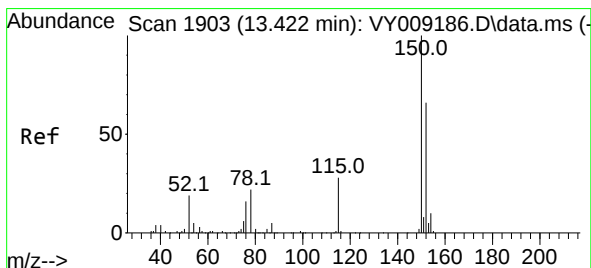
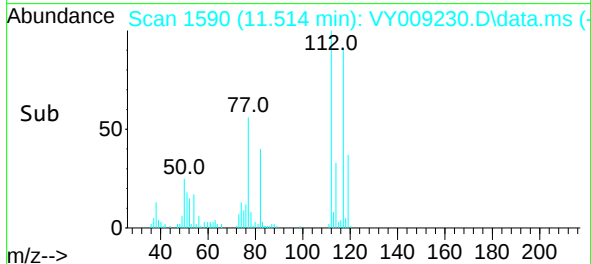
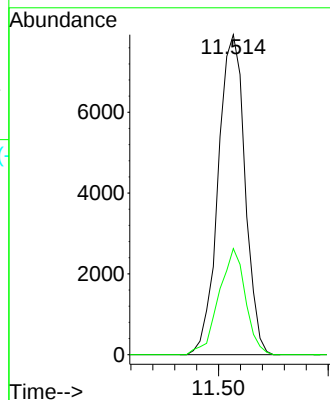
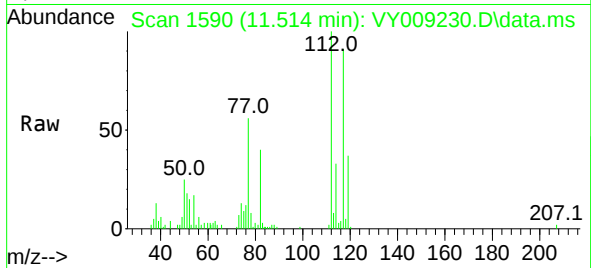




#65
Chlorobenzene
Concen: 2.082 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
DS-7D

Tgt Ion:112 Resp: 13467
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Tgt Ion:152 Resp: 145643
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 156.3 0.0 347.6

