

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008593.D
 Acq On : 03 May 2022 15:42
 Operator : KP/MD
 Sample : N2616-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20S

Quant Time: May 04 02:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

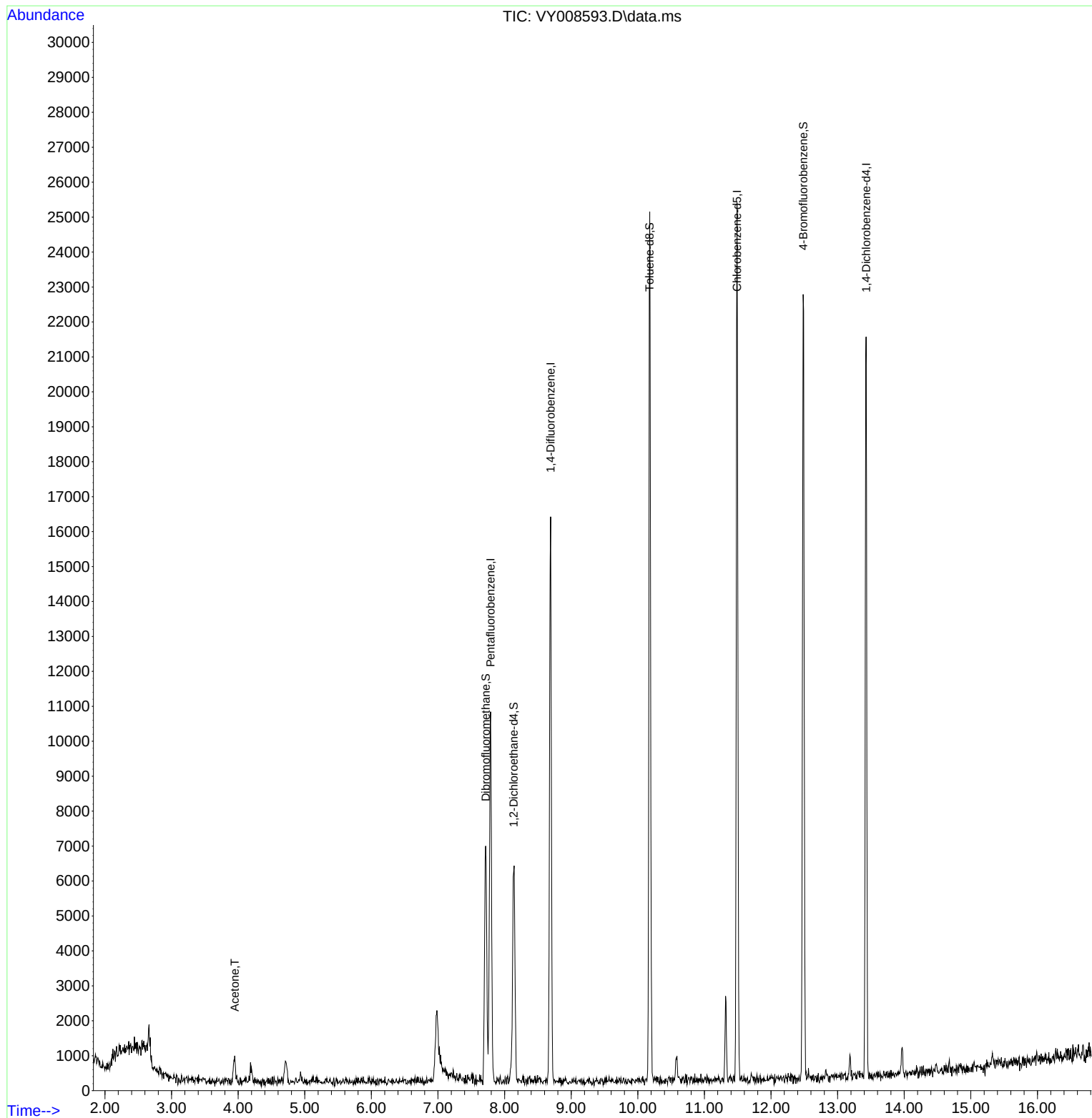
Internal Standards						
1) Pentafluorobenzene	7.789	168	9285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5102	56.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.080%
35) Dibromofluoromethane	7.716	113	4942	48.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.000%
50) Toluene-d8	10.179	98	17948	49.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.483	95	5830	44.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.120%
Target Compounds						
16) Acetone	3.948	43	1229	63.207	ug/l	Qvalue # 86

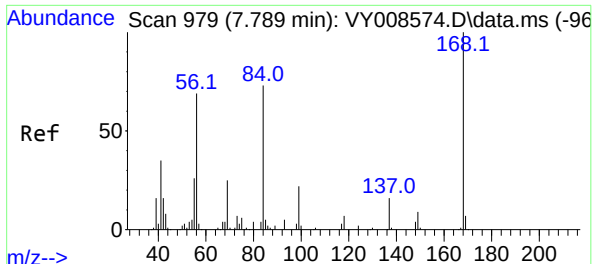
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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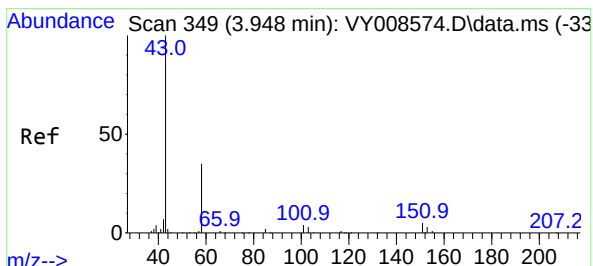
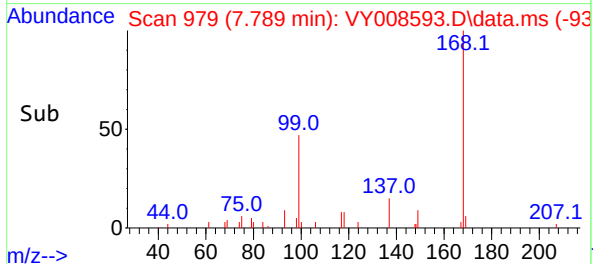
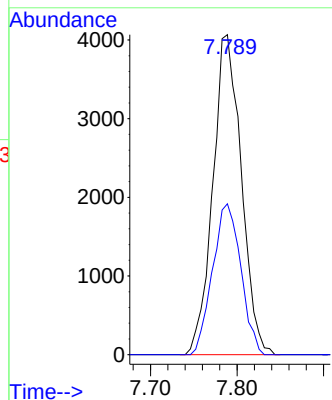
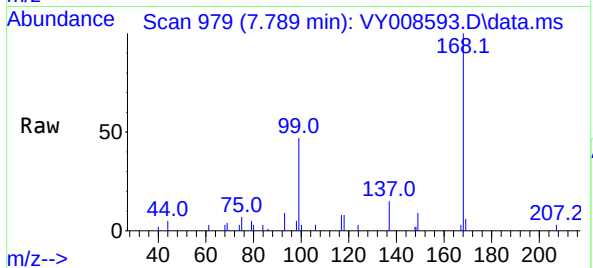




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

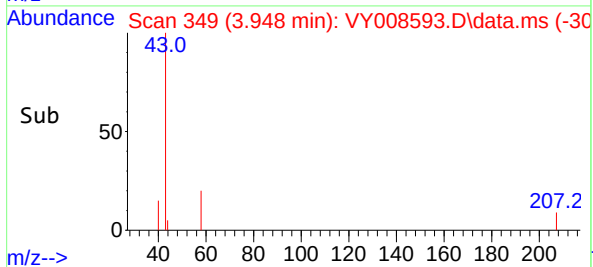
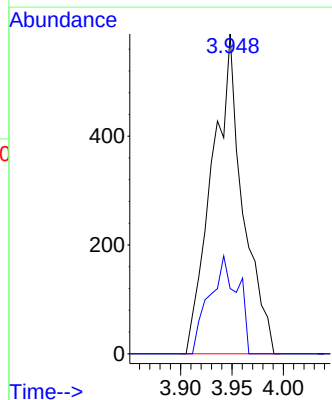
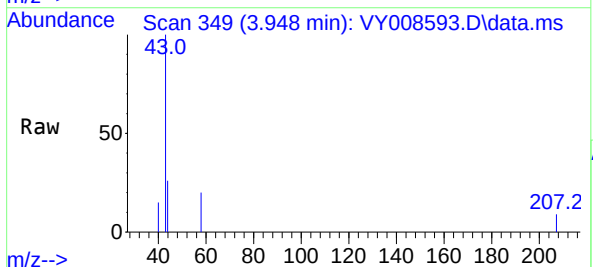
Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

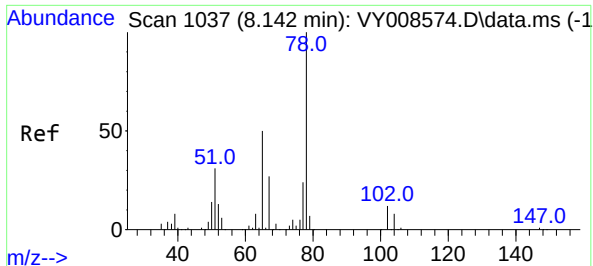
Tgt Ion:168 Resp: 9285
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#16
Acetone
Concen: 63.207 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
58 20.4 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 56.536 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008593.D

Acq: 03 May 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

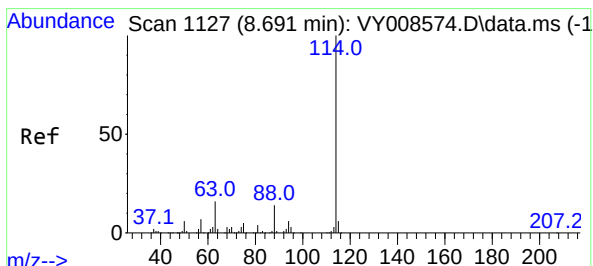
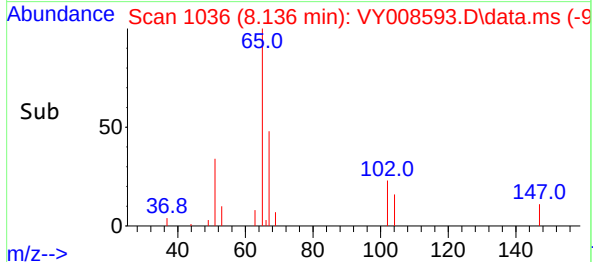
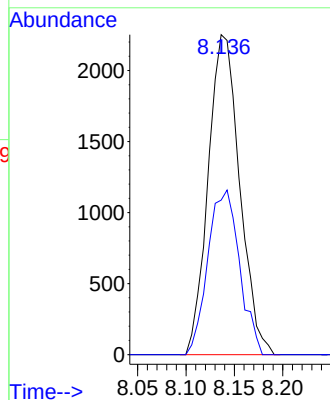
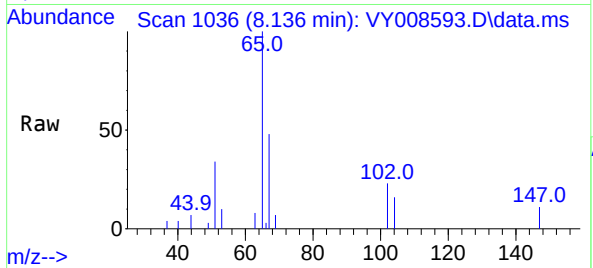
MH-20S

Tgt Ion: 65 Resp: 5102

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008593.D

Acq: 03 May 2022 15:42

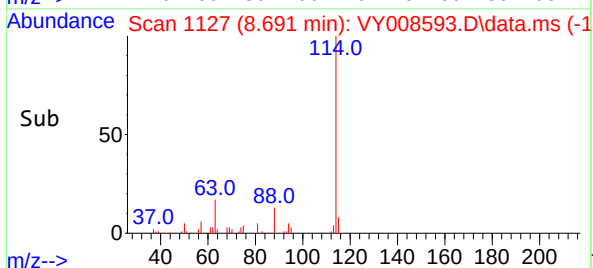
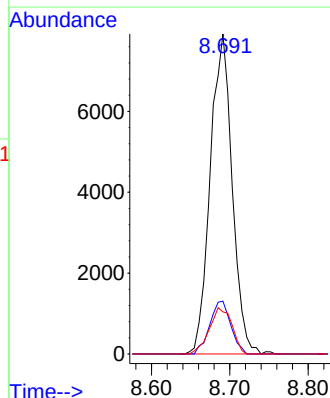
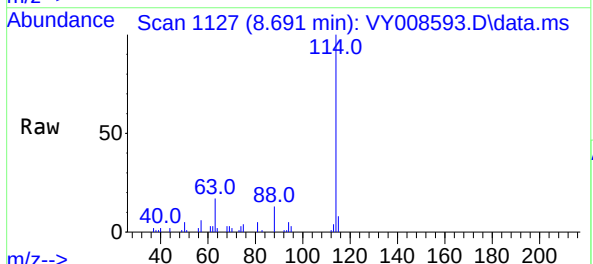
Tgt Ion: 114 Resp: 15399

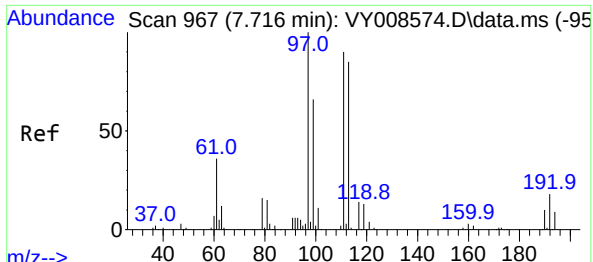
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.1 0.0 31.8

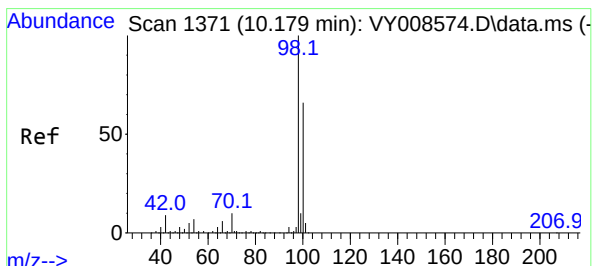
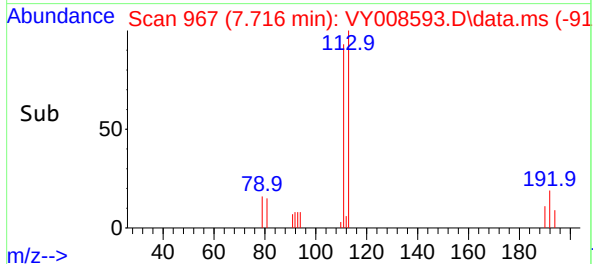
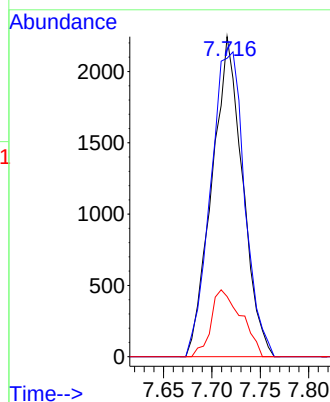
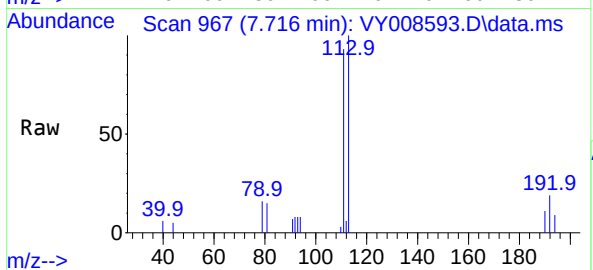




#35
Dibromofluoromethane
Concen: 48.501 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

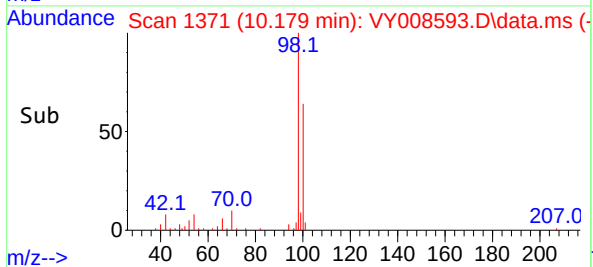
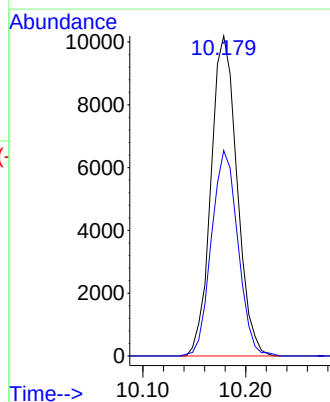
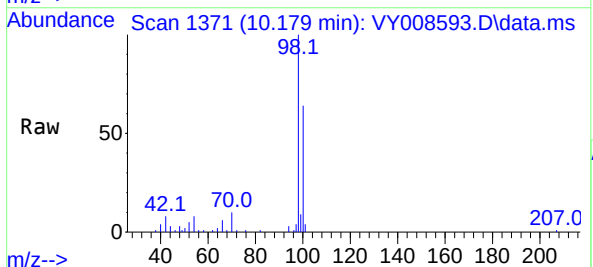
Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

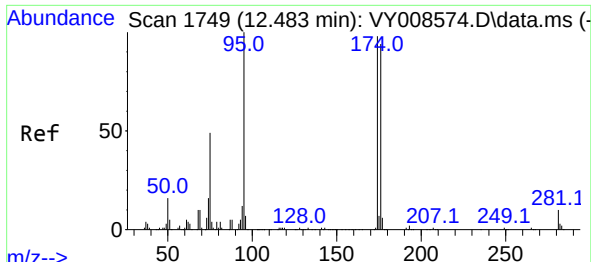
Tgt Ion:113 Resp: 4942
Ion Ratio Lower Upper
113 100
111 105.7 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 49.718 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

Tgt Ion: 98 Resp: 17948
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

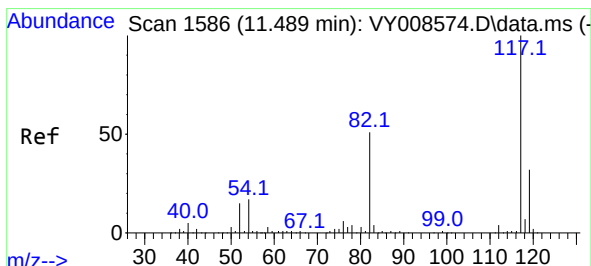
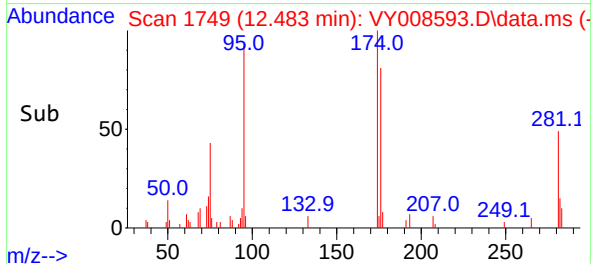
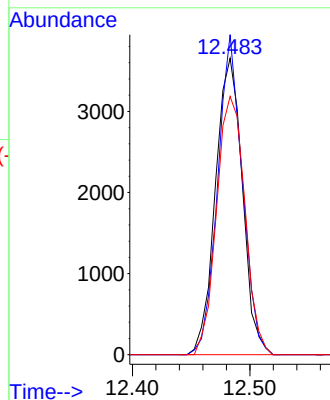
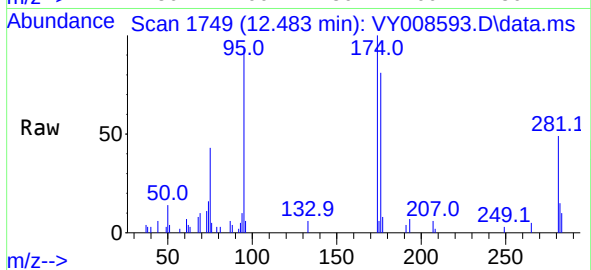




#62
4-Bromofluorobenzene
Concen: 44.062 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

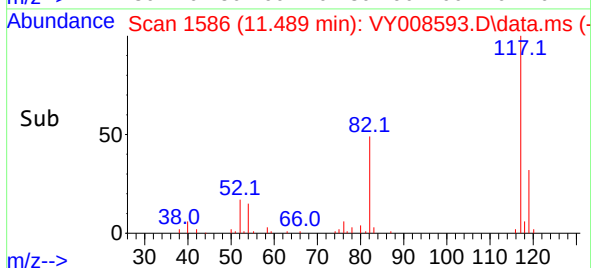
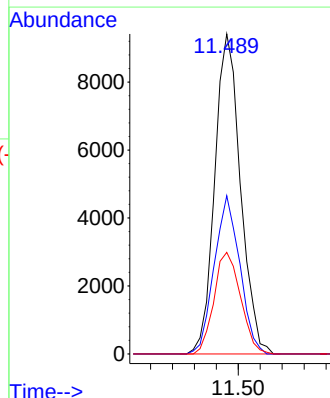
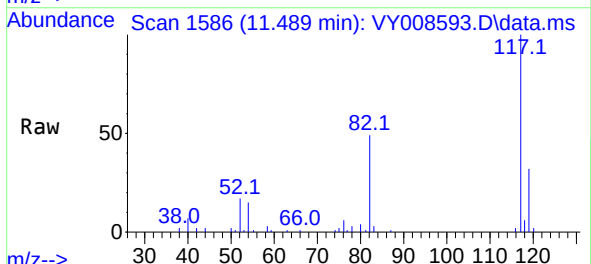
Instrument :
MSVOA_Y
ClientSampleId :
MH-20S

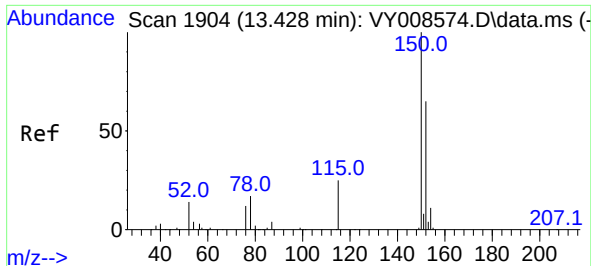
Tgt Ion: 95 Resp: 5830
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 91.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008593.D
Acq: 03 May 2022 15:42

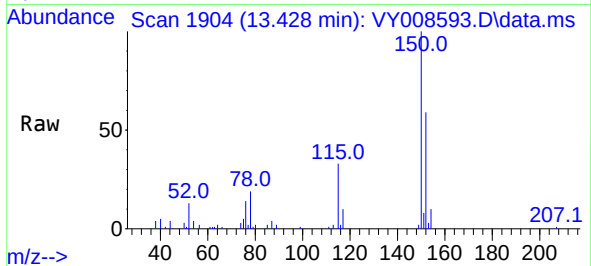
Tgt Ion: 117 Resp: 15360
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008593.D
 Acq: 03 May 2022 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20S



Tgt Ion:152 Resp: 6352
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 159.1 0.0 347.6

