

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008294.D
 Acq On : 12 Apr 2022 17:43
 Operator : KP/MD
 Sample : N2364-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

Quant Time: Apr 13 08:16:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

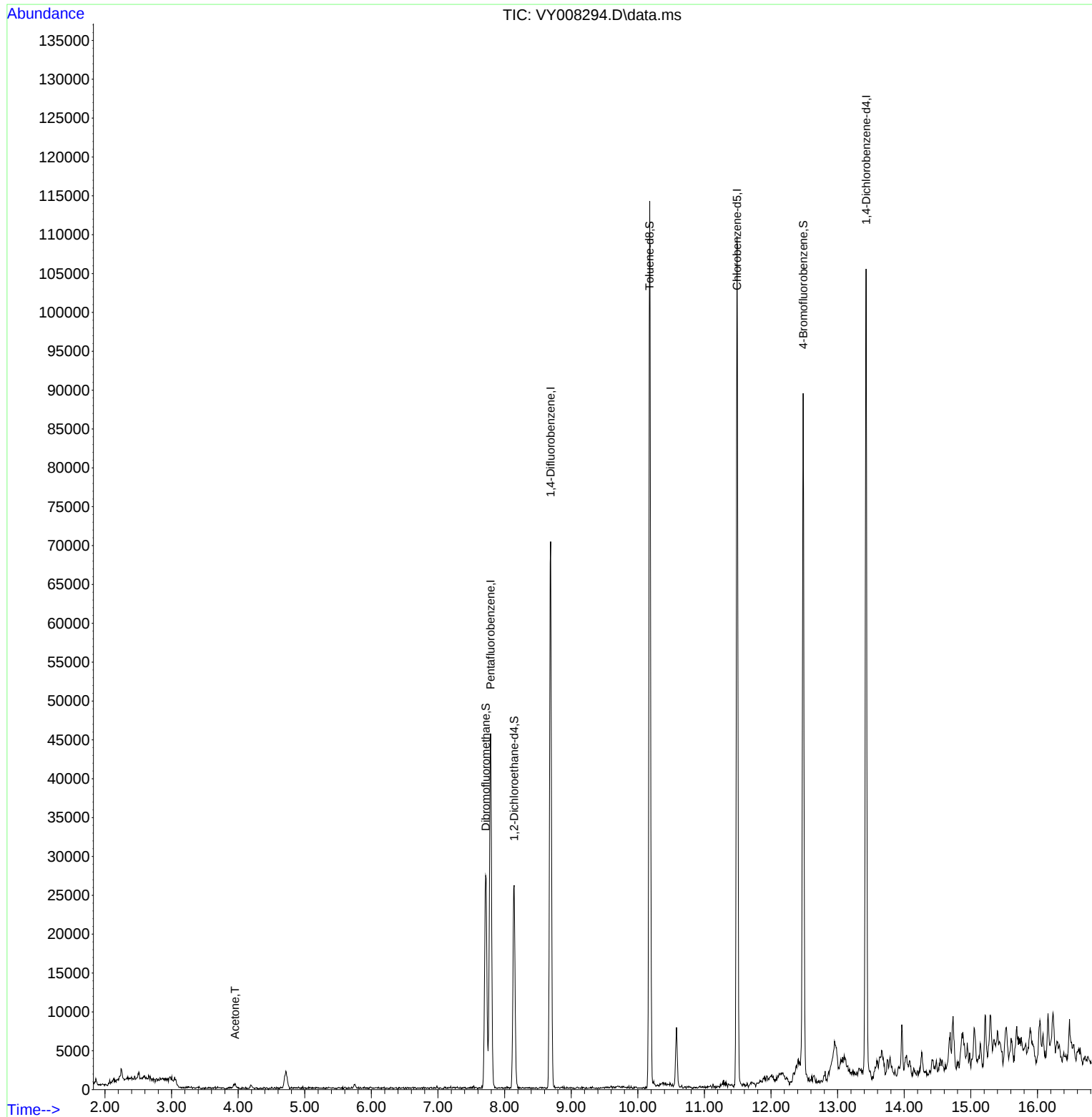
Internal Standards						
1) Pentafluorobenzene	7.789	168	35908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	59701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	19954	59.159	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.320%	
35) Dibromofluoromethane	7.716	113	20098	55.011	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.020%	
50) Toluene-d8	10.179	98	76291	61.026	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	122.060%	
62) 4-Bromofluorobenzene	12.483	95	25536	54.308	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	108.620%	
Target Compounds						Qvalue
16) Acetone	3.954	43	1009	12.437	ug/l	95

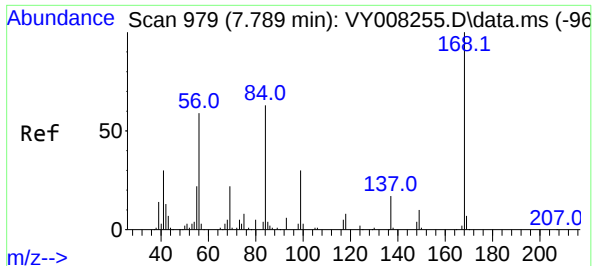
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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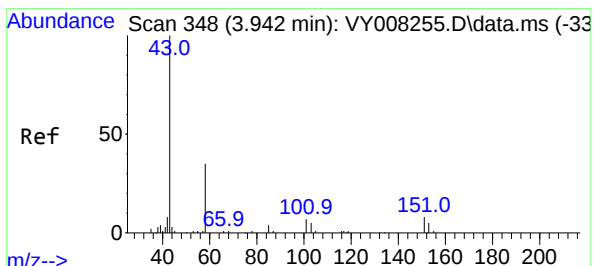
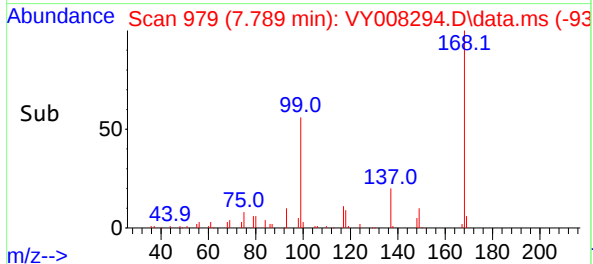
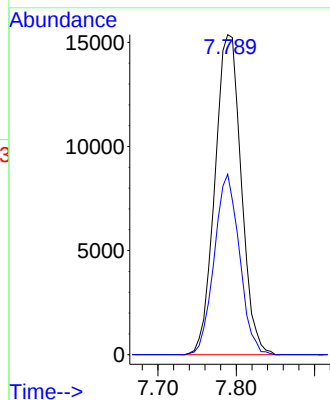
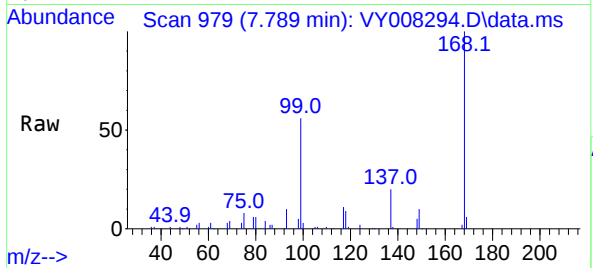




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

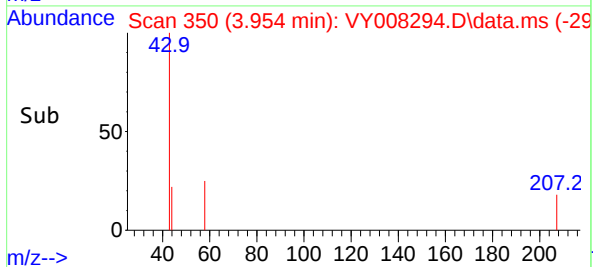
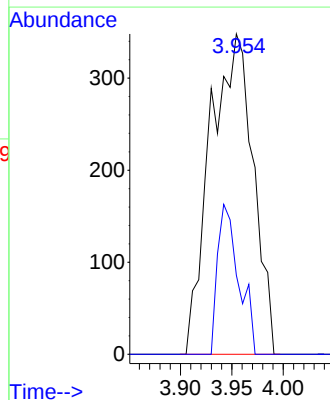
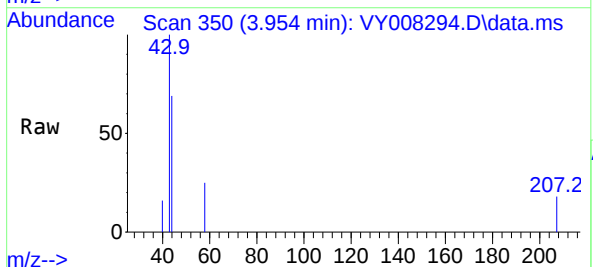
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

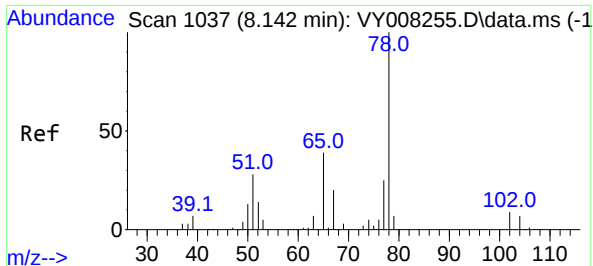
Tgt Ion:168 Resp: 35908
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#16
Acetone
Concen: 12.437 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 24.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 59.159 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008294.D

Acq: 12 Apr 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

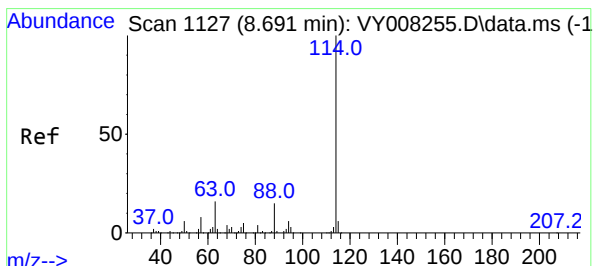
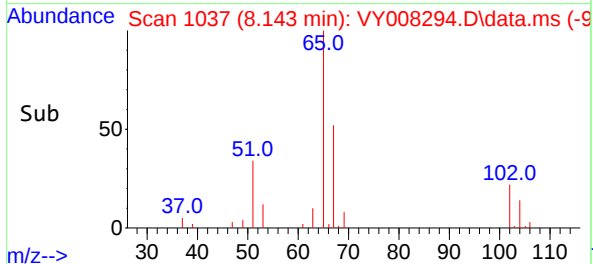
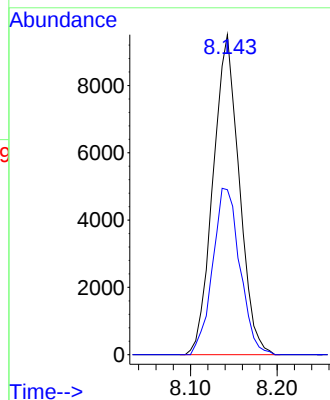
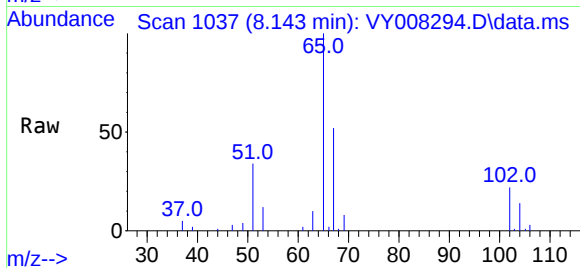
SB-03-14.5-15.0

Tgt Ion: 65 Resp: 19954

Ion Ratio Lower Upper

65 100

67 54.2 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: VY008294.D

Acq: 12 Apr 2022 17:43

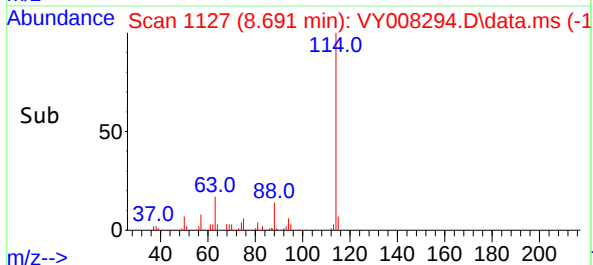
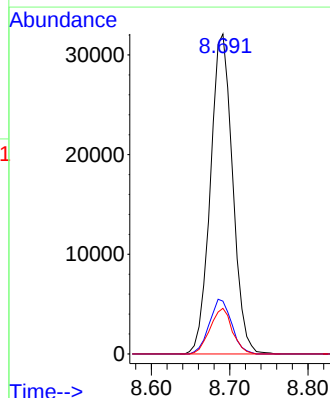
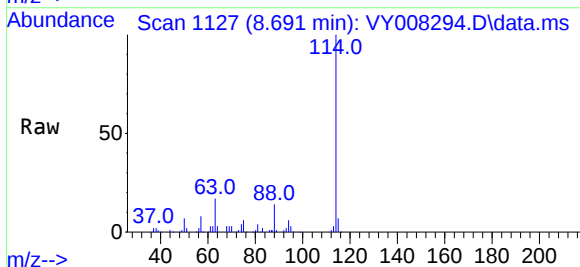
Tgt Ion: 114 Resp: 63254

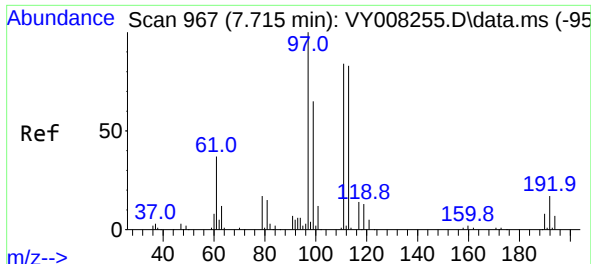
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 14.2 0.0 31.8



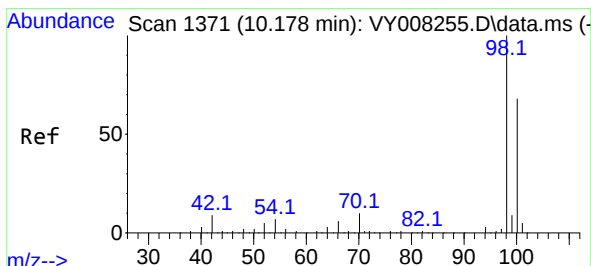
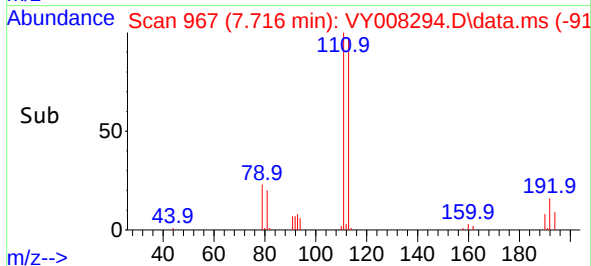
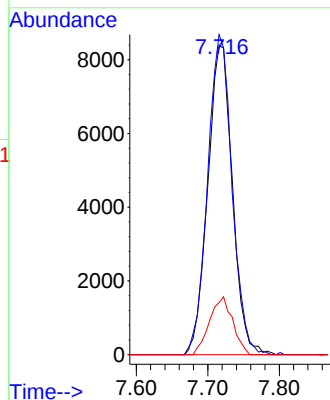
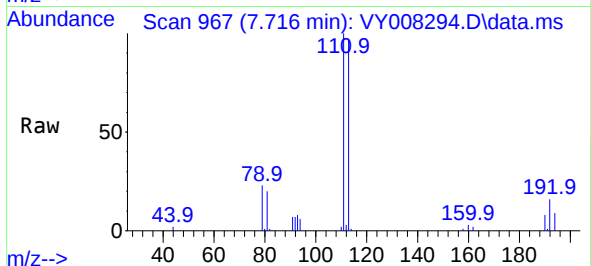


#35
 Dibromofluoromethane
 Concen: 55.011 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.001 min
 Lab File: VY008294.D
 Acq: 12 Apr 2022 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0

Tgt Ion:113 Resp: 20098

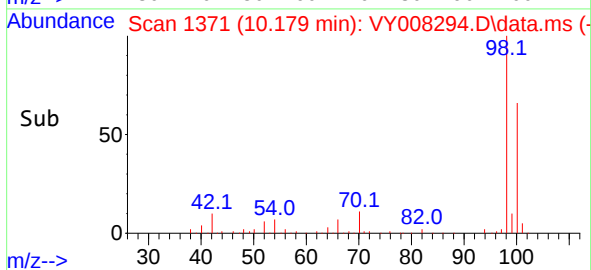
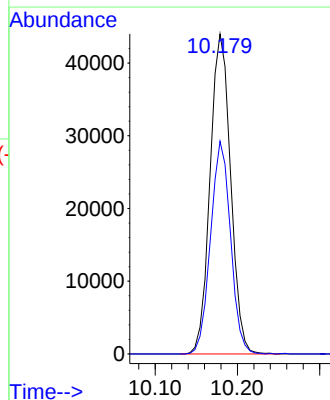
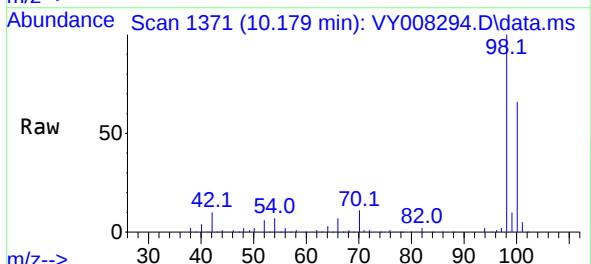
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	17.6	17.6	26.4

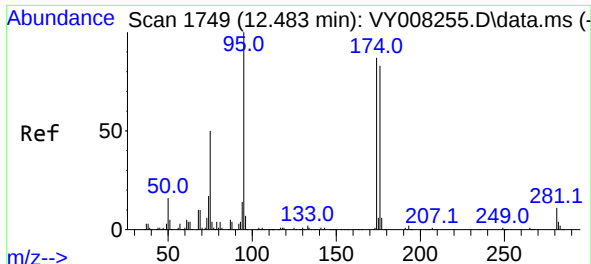


#50
 Toluene-d8
 Concen: 61.026 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.001 min
 Lab File: VY008294.D
 Acq: 12 Apr 2022 17:43

Tgt Ion: 98 Resp: 76291

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.2	75.2

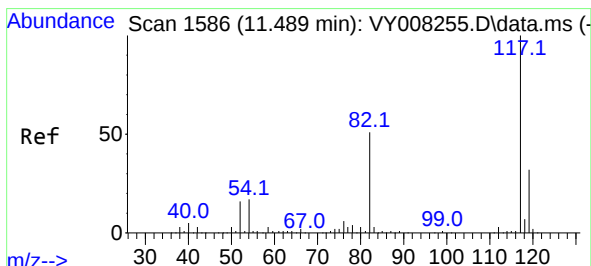
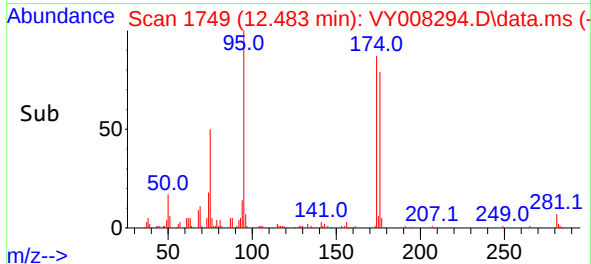
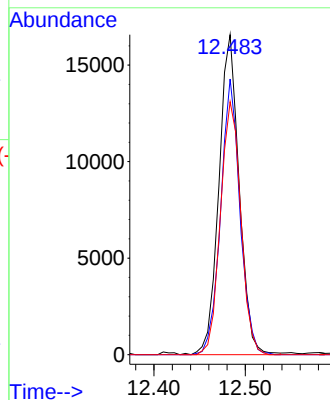
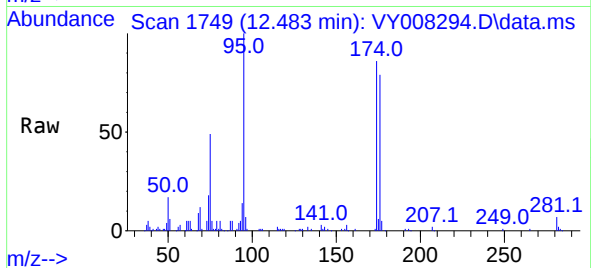




#62
4-Bromofluorobenzene
Concen: 54.308 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

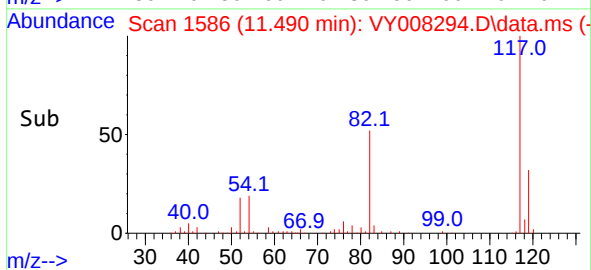
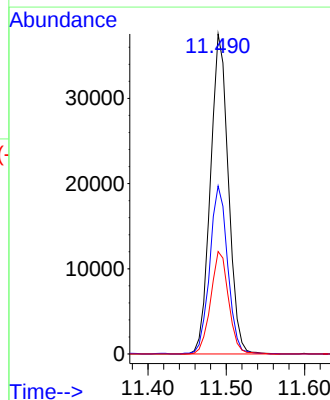
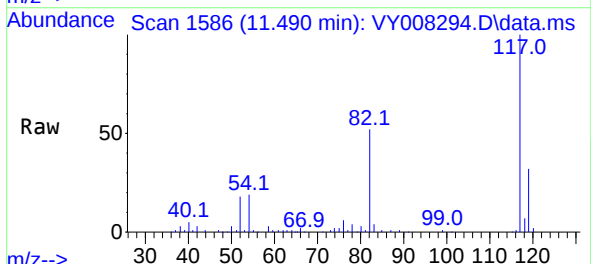
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-14.5-15.0

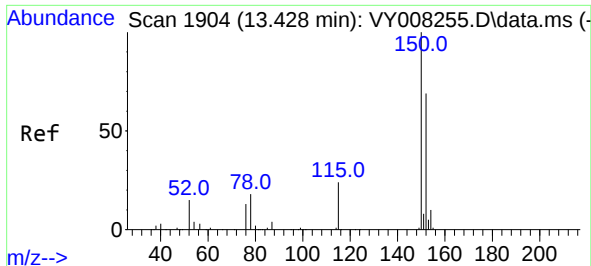
Tgt Ion: 95 Resp: 25536
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008294.D
Acq: 12 Apr 2022 17:43

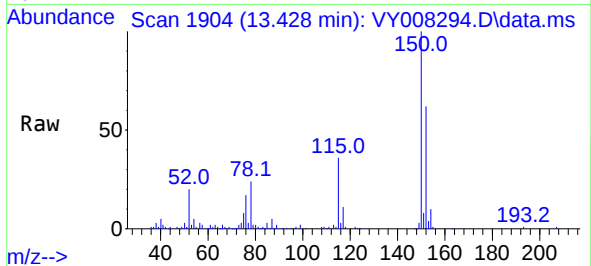
Tgt Ion: 117 Resp: 59701
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008294.D
 Acq: 12 Apr 2022 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-14.5-15.0



Tgt Ion:152 Resp: 26250

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.2	84.7
150	156.1	0.0	347.6

