

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008045.D
 Acq On : 26 Mar 2022 14:52
 Operator : SY/MD
 Sample : N2095-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-4.0-5.0

Quant Time: Mar 28 09:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

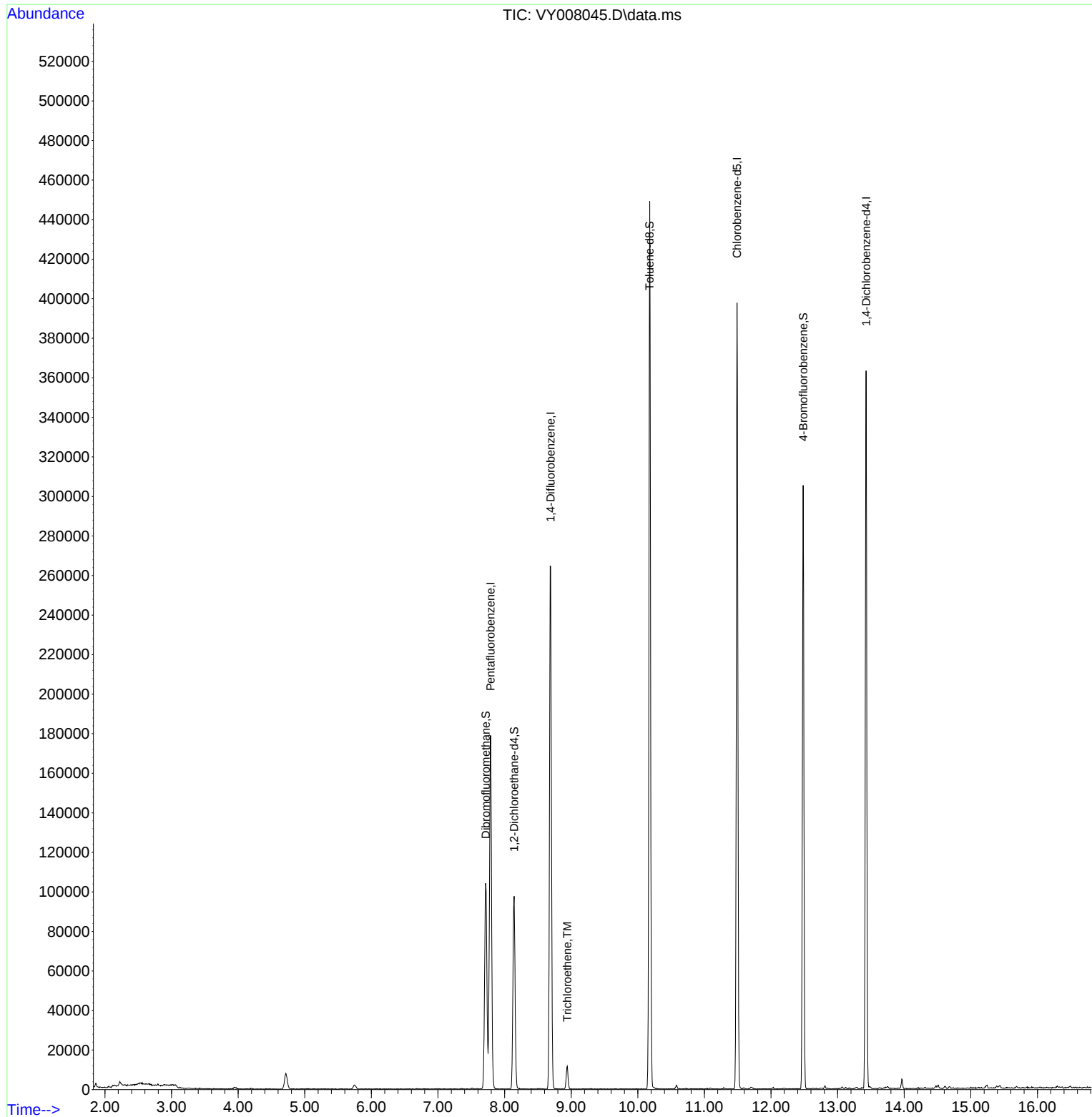
Internal Standards						
1) Pentafluorobenzene	7.789	168	134154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	221747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76072	56.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.040%
35) Dibromofluoromethane	7.716	113	75728	49.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.179	98	291474	50.981	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.483	95	95815	47.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.000%
Target Compounds						
						Qvalue
44) Trichloroethene	8.941	130	4016	2.037	ug/l	94

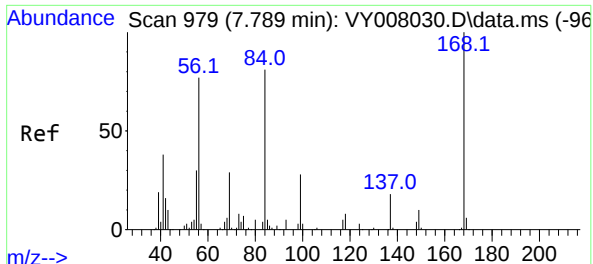
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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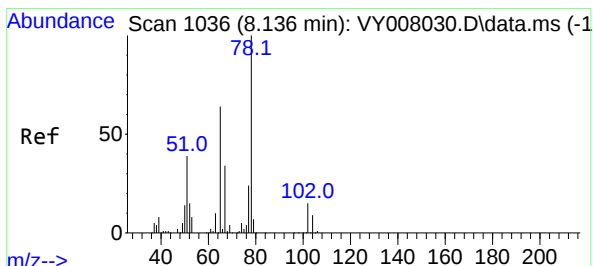
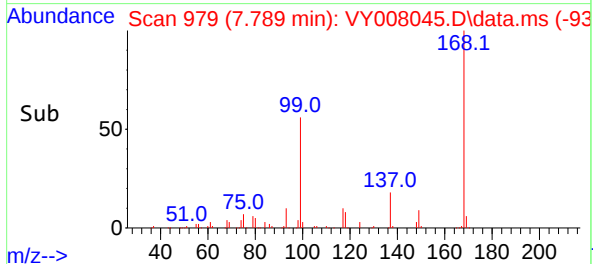
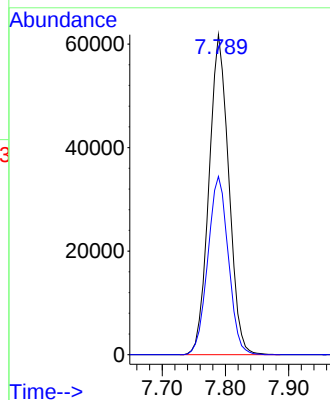
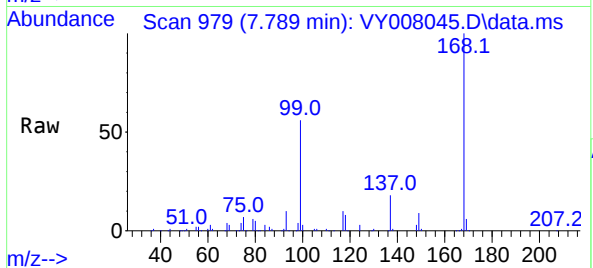




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

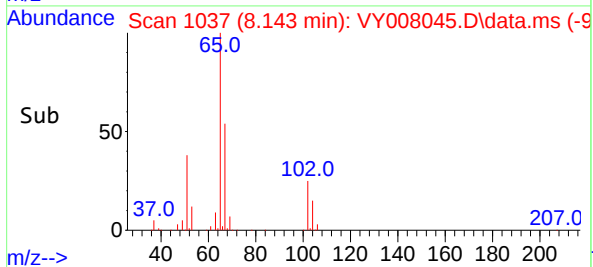
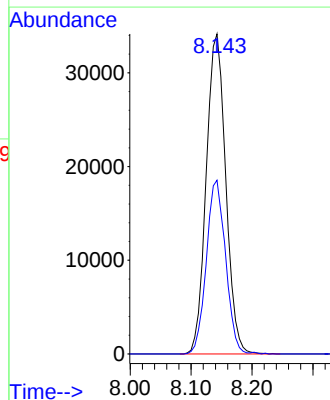
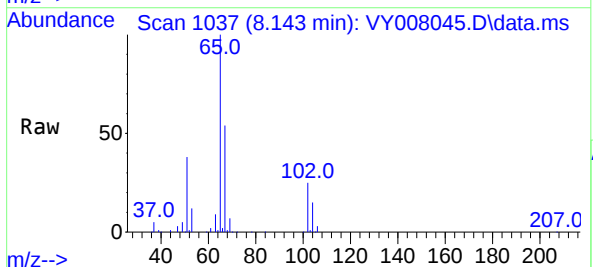
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.0-5.0

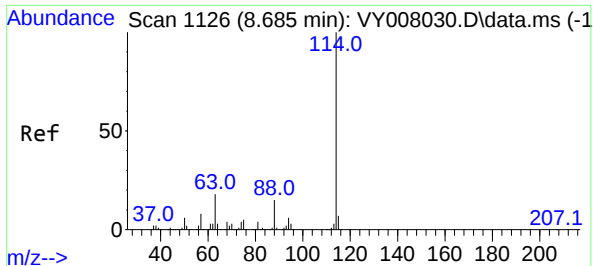
Tgt Ion:168 Resp: 134154
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.518 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 65 Resp: 76072
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008045.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-4.0-5.0

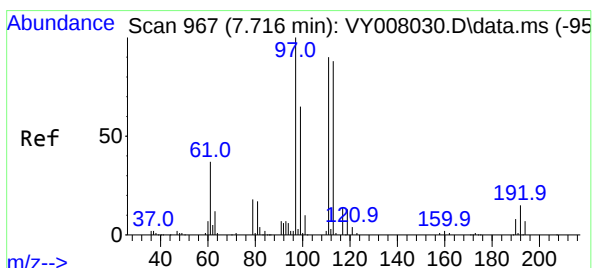
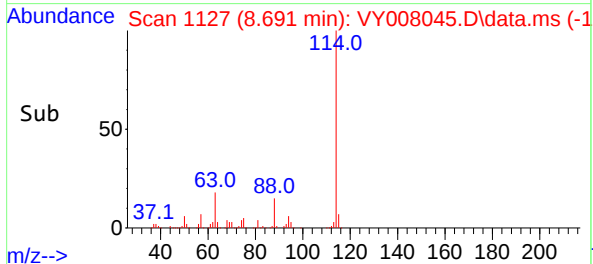
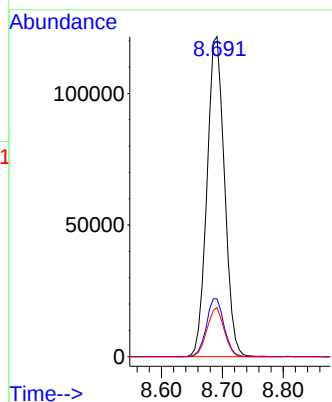
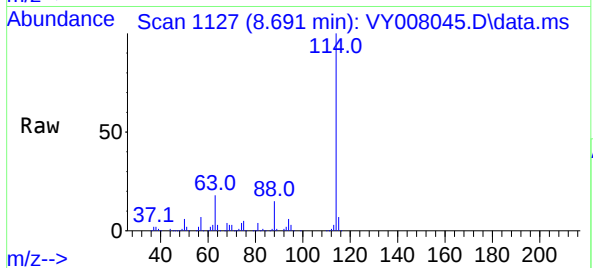
Tgt Ion:114 Resp: 242039

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.903 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008045.D

Acq: 26 Mar 2022 14:52

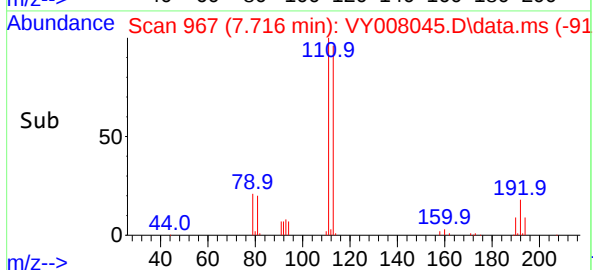
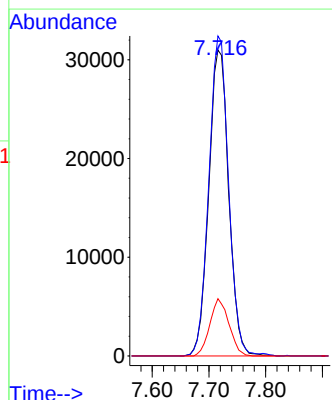
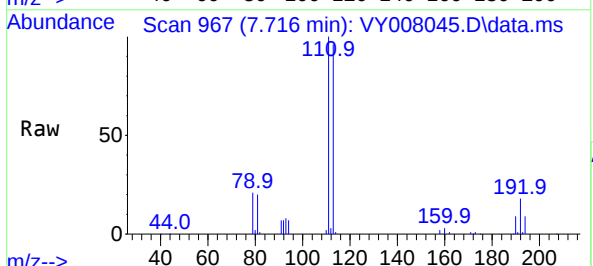
Tgt Ion:113 Resp: 75728

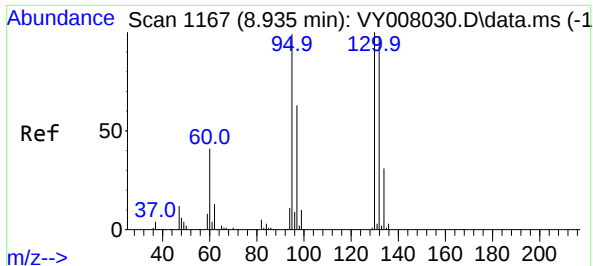
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.9 17.6 26.4

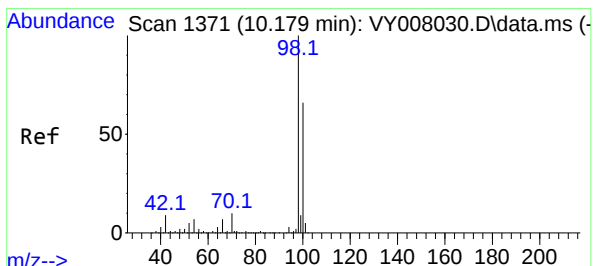
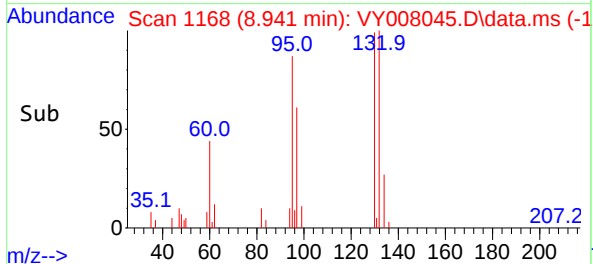
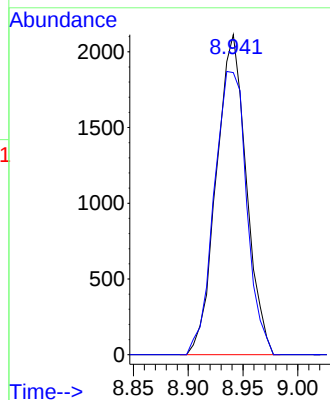
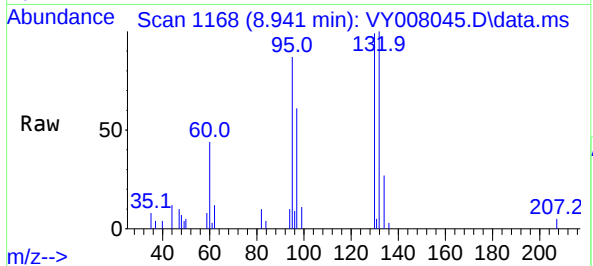




#44
Trichloroethene
Concen: 2.037 ug/l
RT: 8.941 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

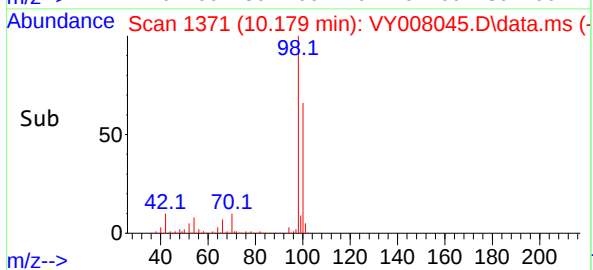
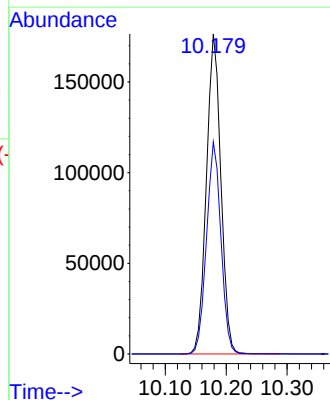
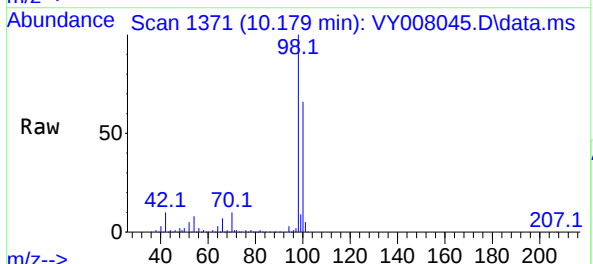
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.0-5.0

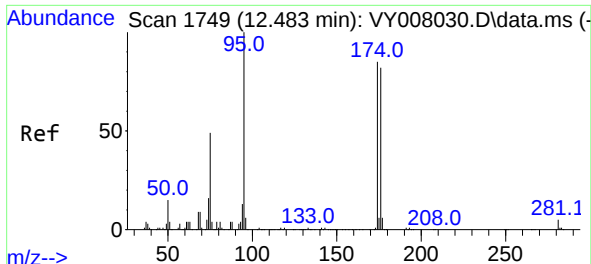
Tgt Ion:130 Resp: 4016
Ion Ratio Lower Upper
130 100
95 88.2 0.0 188.2



#50
Toluene-d8
Concen: 50.981 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 98 Resp: 291474
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

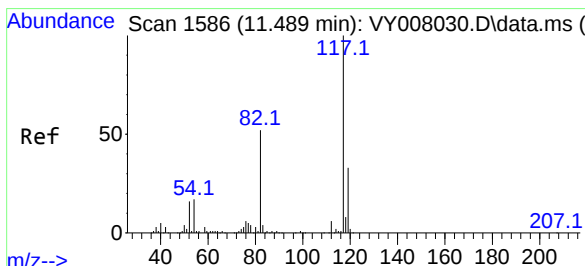
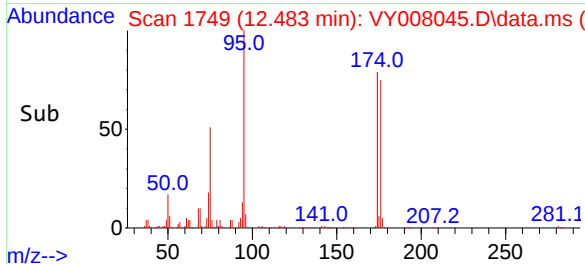
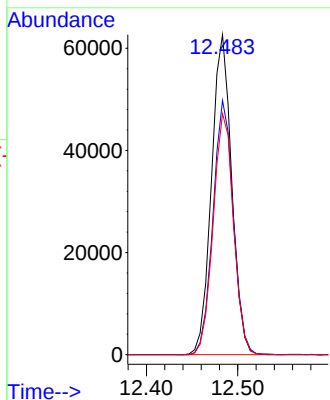
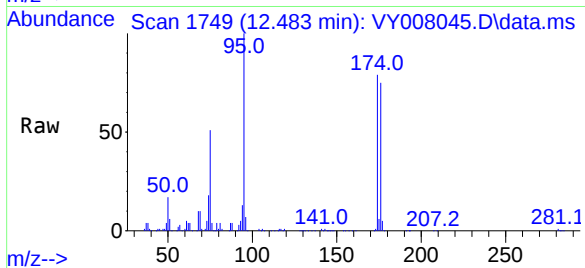




#62
4-Bromofluorobenzene
Concen: 47.502 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

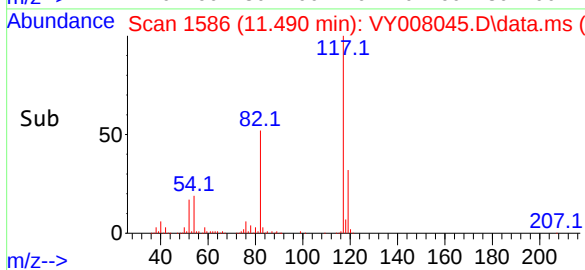
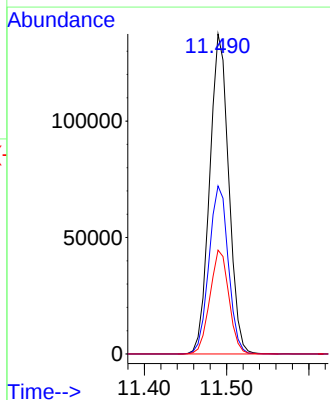
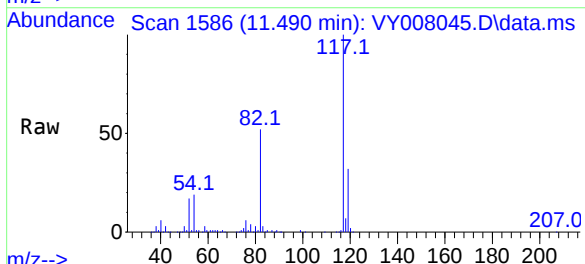
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MSVOA_Y
ClientSampleId :
SB-06-4.0-5.0

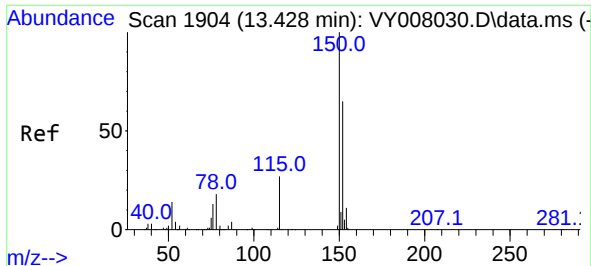
Tgt Ion: 95 Resp: 95815
Ion Ratio Lower Upper
95 100
174 80.2 0.0 177.0
176 76.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 117 Resp: 221747
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.4 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: VY008045.D

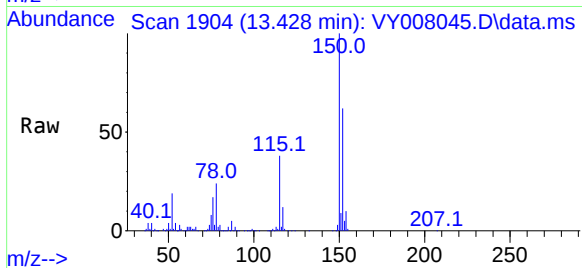
Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-4.0-5.0



Tgt Ion:152 Resp: 90601

Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 158.4 0.0 347.6

