

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008642.D
 Acq On : 05 May 2022 04:01
 Operator : KP/MD
 Sample : N2665-05
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4,6

Quant Time: May 05 04:44:08 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)

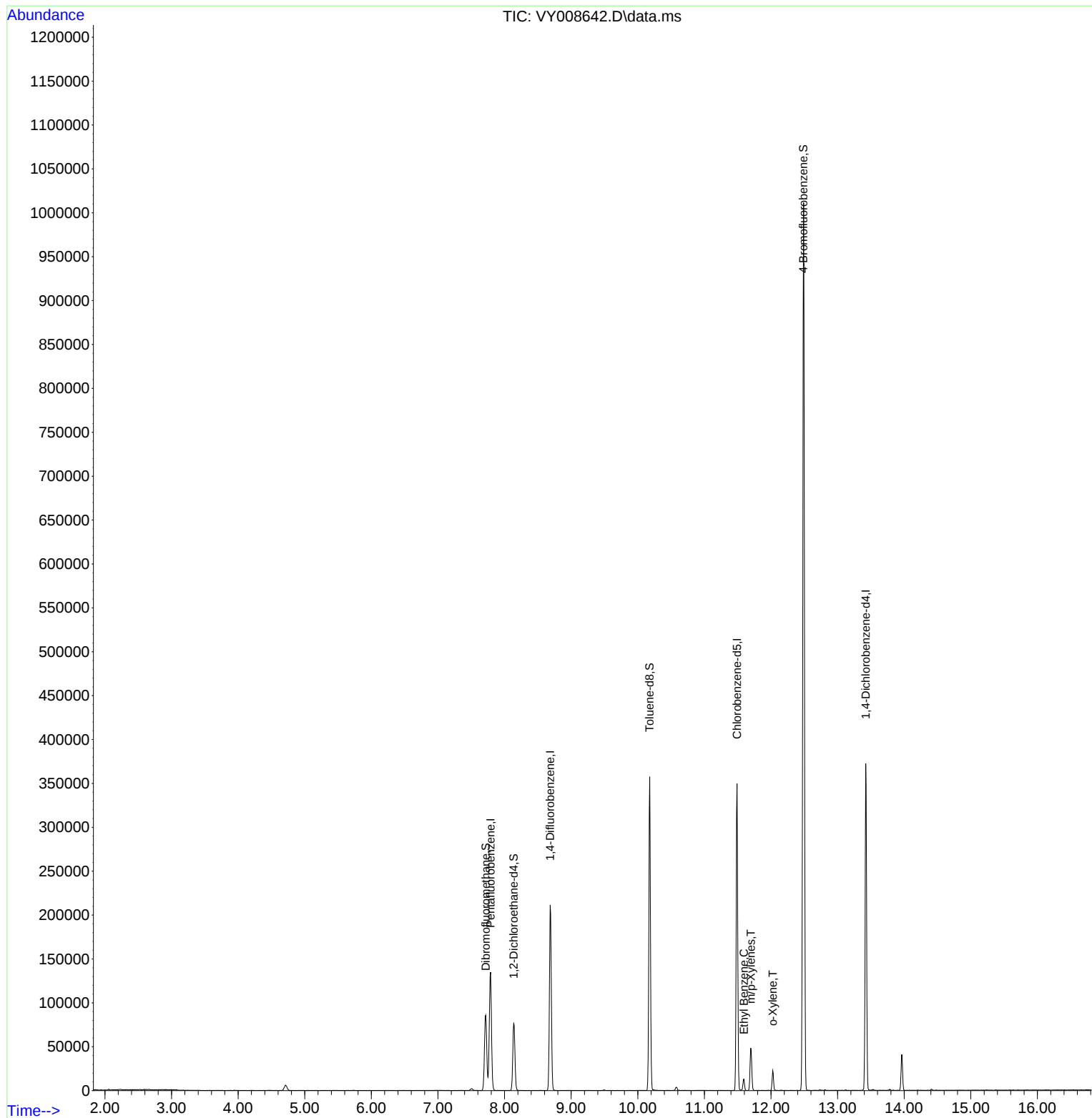
Internal Standards						
1) Pentafluorobenzene	7.789	168	116000	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	197918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59905	53.134	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.260%		
35) Dibromofluoromethane	7.716	113	62844	47.986	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 95.980%		
50) Toluene-d8	10.179	98	236608	50.996	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.000%		
62) 4-Bromofluorobenzene	12.483	95	90837	53.415	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 106.840%		
Target Compounds						
						Qvalue
67) Ethyl Benzene	11.593	91	8837	1.072	ug/l	100
68) m/p-Xylenes	11.697	106	16351	4.855	ug/l	88
69) o-Xylene	12.026	106	6035	1.870	ug/l	94

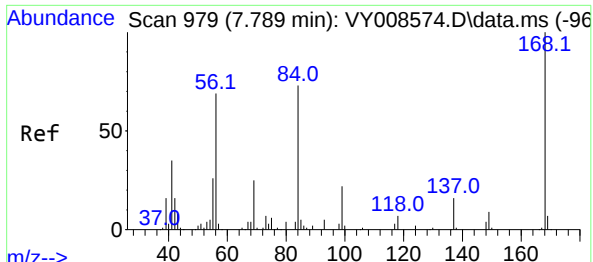
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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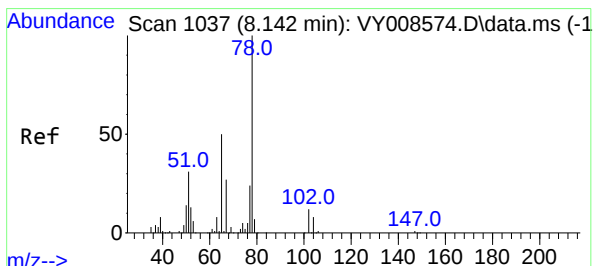
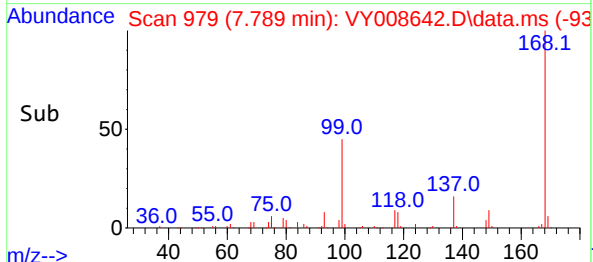
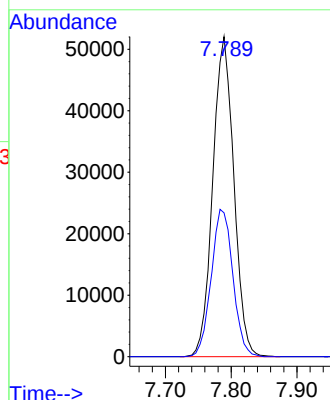
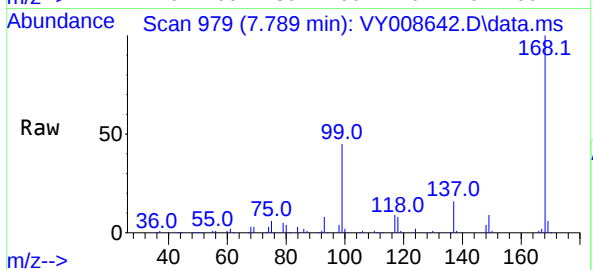




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008642.D
Acq: 05 May 2022 04:01

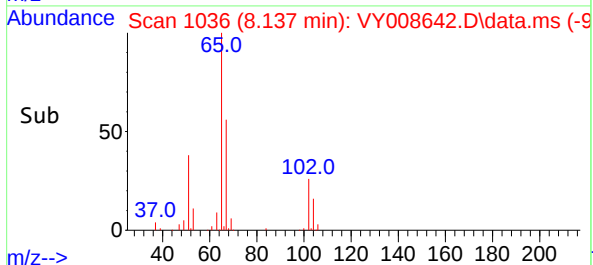
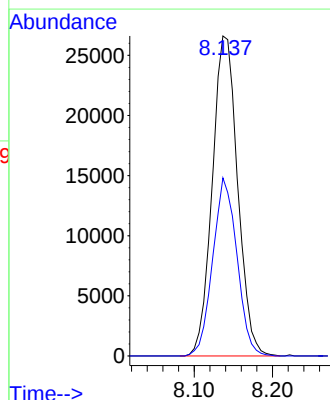
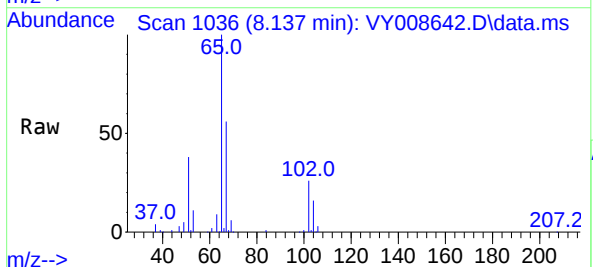
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,6

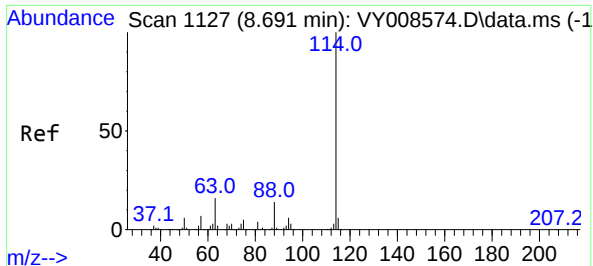
Tgt Ion:168 Resp: 116000
Ion Ratio Lower Upper
168 100
99 44.9 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 53.134 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008642.D
Acq: 05 May 2022 04:01

Tgt Ion: 65 Resp: 59905
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008642.D

Acq: 05 May 2022 04:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-4,6

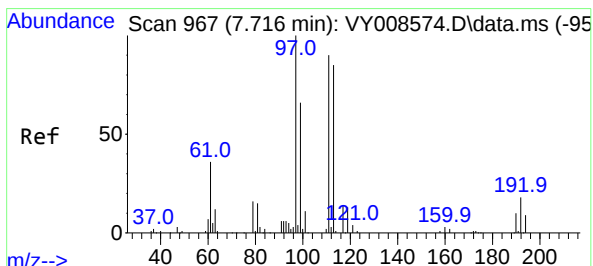
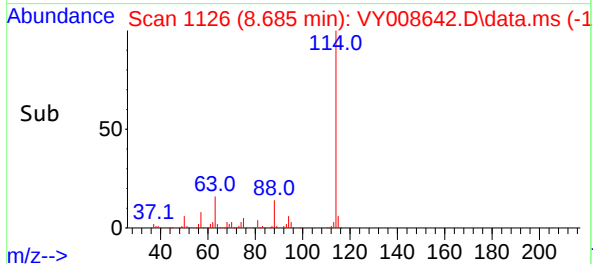
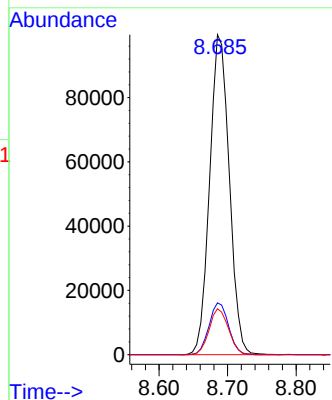
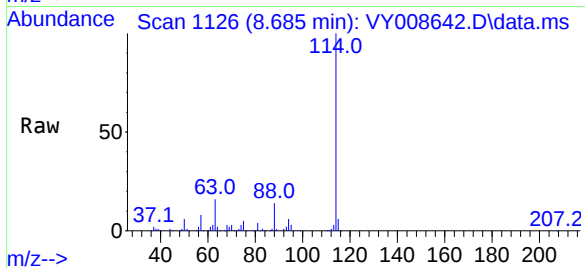
Tgt Ion:114 Resp: 197918

Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.986 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008642.D

Acq: 05 May 2022 04:01

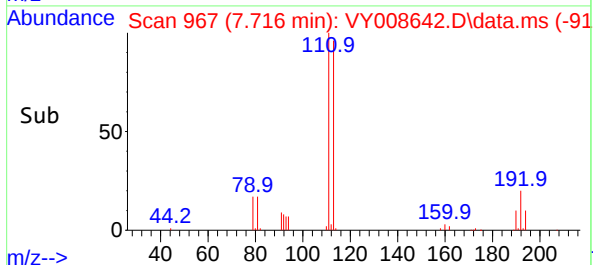
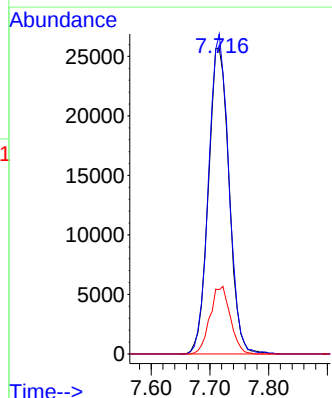
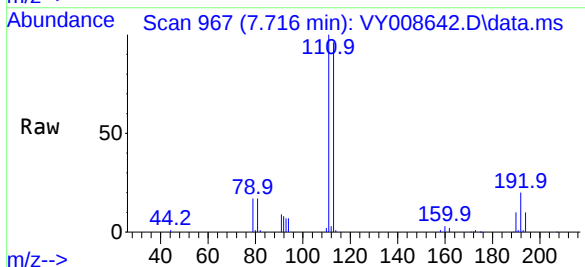
Tgt Ion:113 Resp: 62844

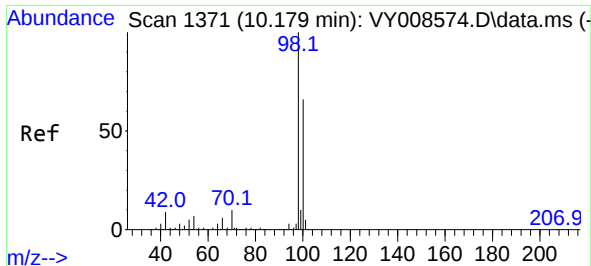
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 21.6 17.6 26.4

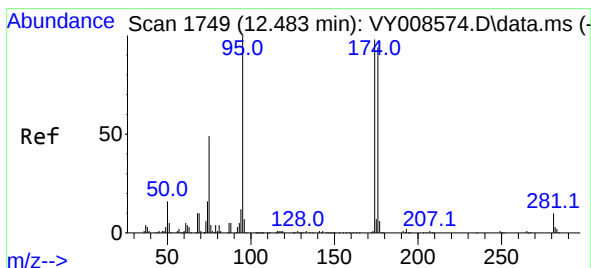
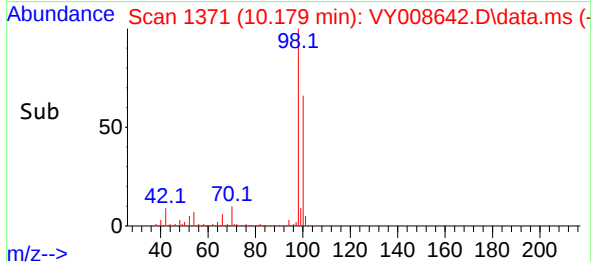
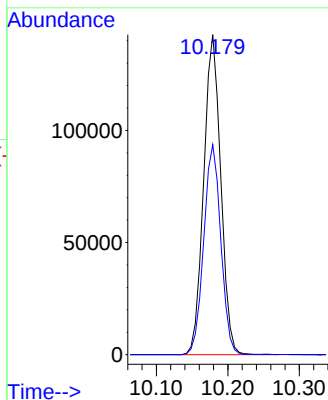
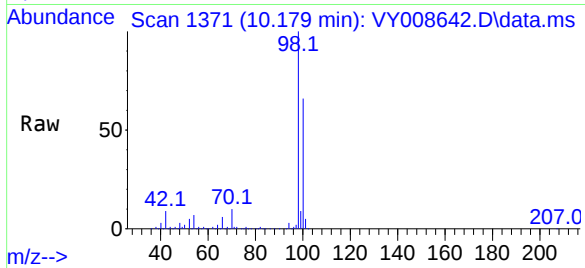




#50
Toluene-d8
Concen: 50.996 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008642.D
Acq: 05 May 2022 04:01

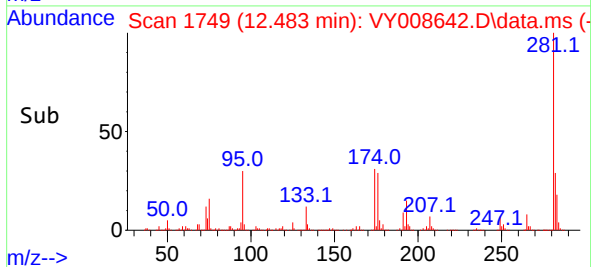
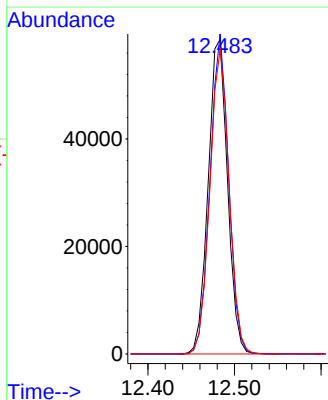
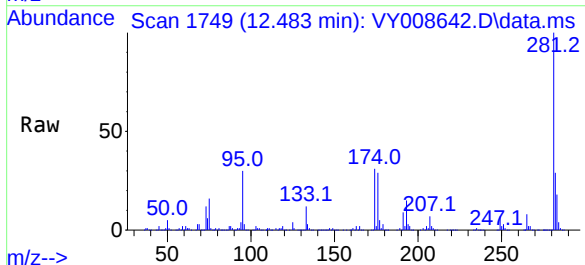
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,6

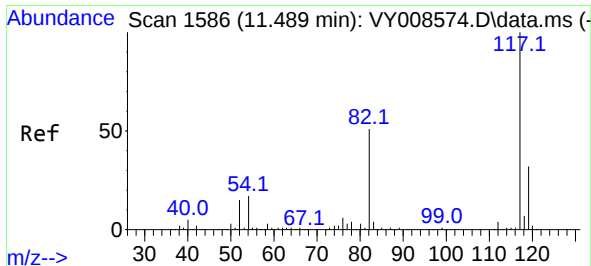
Tgt Ion: 98 Resp: 236608
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.415 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008642.D
Acq: 05 May 2022 04:01

Tgt Ion: 95 Resp: 90837
Ion Ratio Lower Upper
95 100
174 97.9 0.0 177.0
176 96.2 0.0 175.8

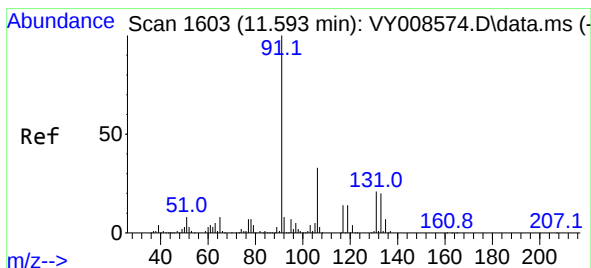
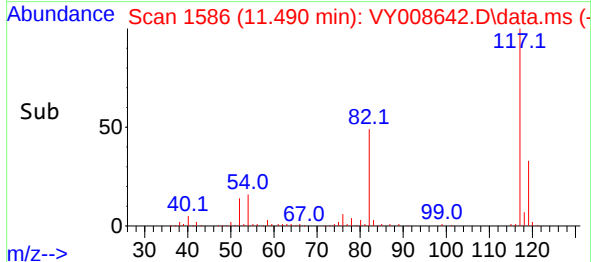
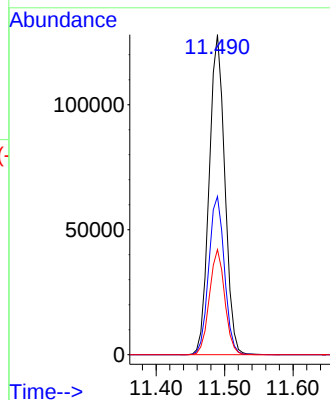
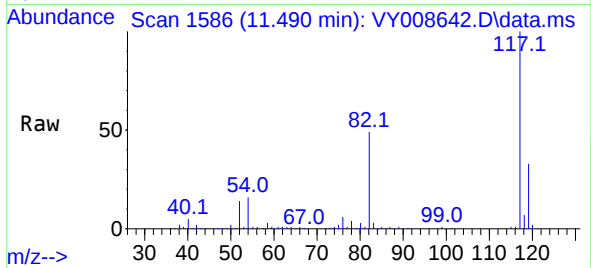




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008642.D
Acq: 05 May 2022 04:01

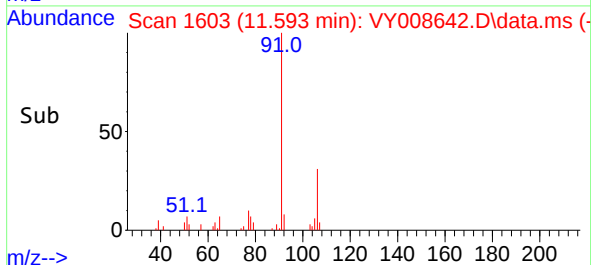
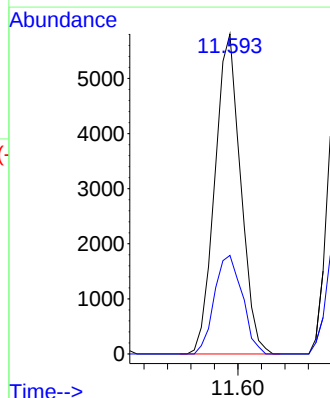
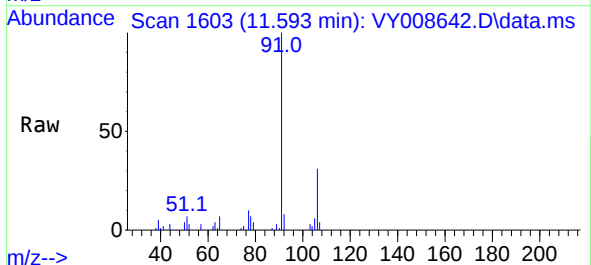
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,6

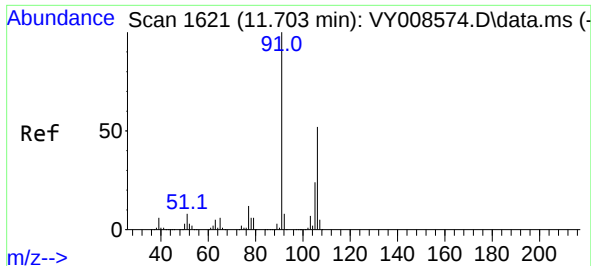
Tgt Ion:117 Resp: 203432
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.8 25.4 38.0



#67
Ethyl Benzene
Concen: 1.072 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008642.D
Acq: 05 May 2022 04:01

Tgt Ion: 91 Resp: 8837
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

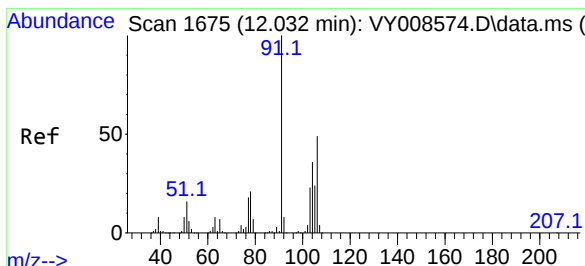
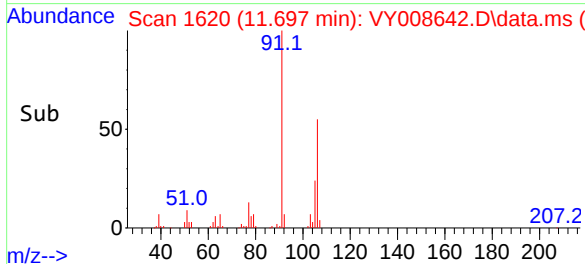
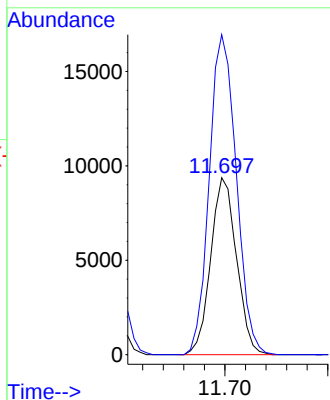
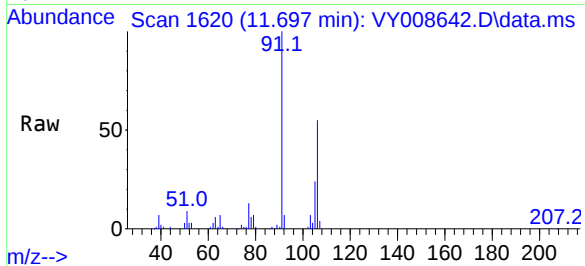




#68
m/p-Xylenes
Concen: 4.855 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008642.D
Acq: 05 May 2022 04:01

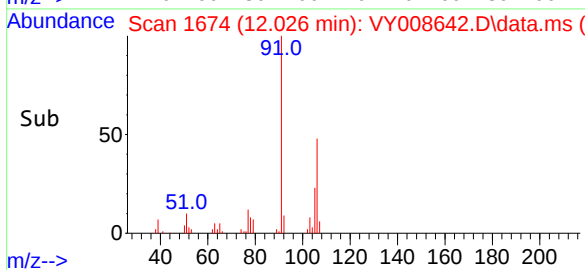
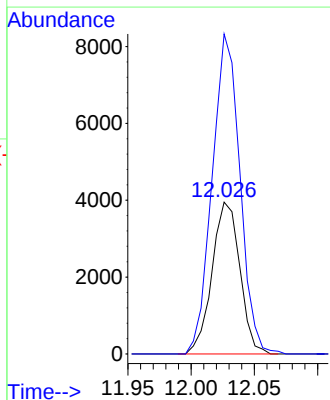
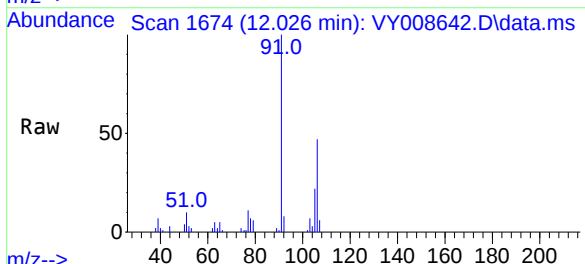
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,6

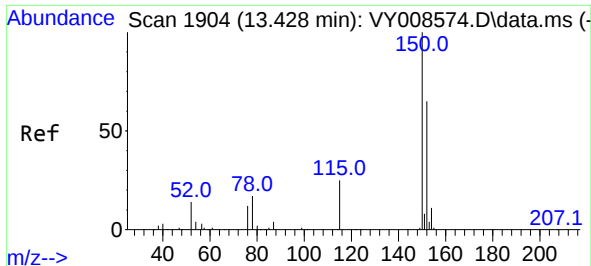
Tgt Ion:106 Resp: 16351
Ion Ratio Lower Upper
106 100
91 189.2 166.6 249.8



#69
o-Xylene
Concen: 1.870 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008642.D
Acq: 05 May 2022 04:01

Tgt Ion:106 Resp: 6035
Ion Ratio Lower Upper
106 100
91 210.6 110.3 331.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY008642.D

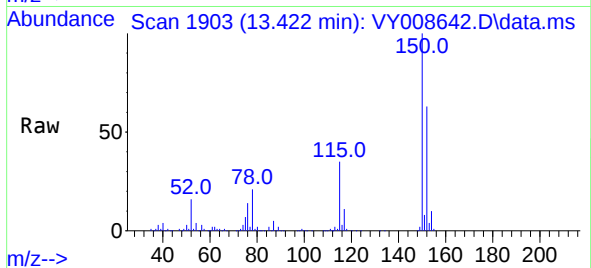
Acq: 05 May 2022 04:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-4,6



Tgt Ion:152 Resp: 102498

Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 157.2 0.0 347.6

