

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008643.D
 Acq On : 05 May 2022 04:24
 Operator : KP/MD
 Sample : N2665-06
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4,11

Quant Time: May 05 06:52:57 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)

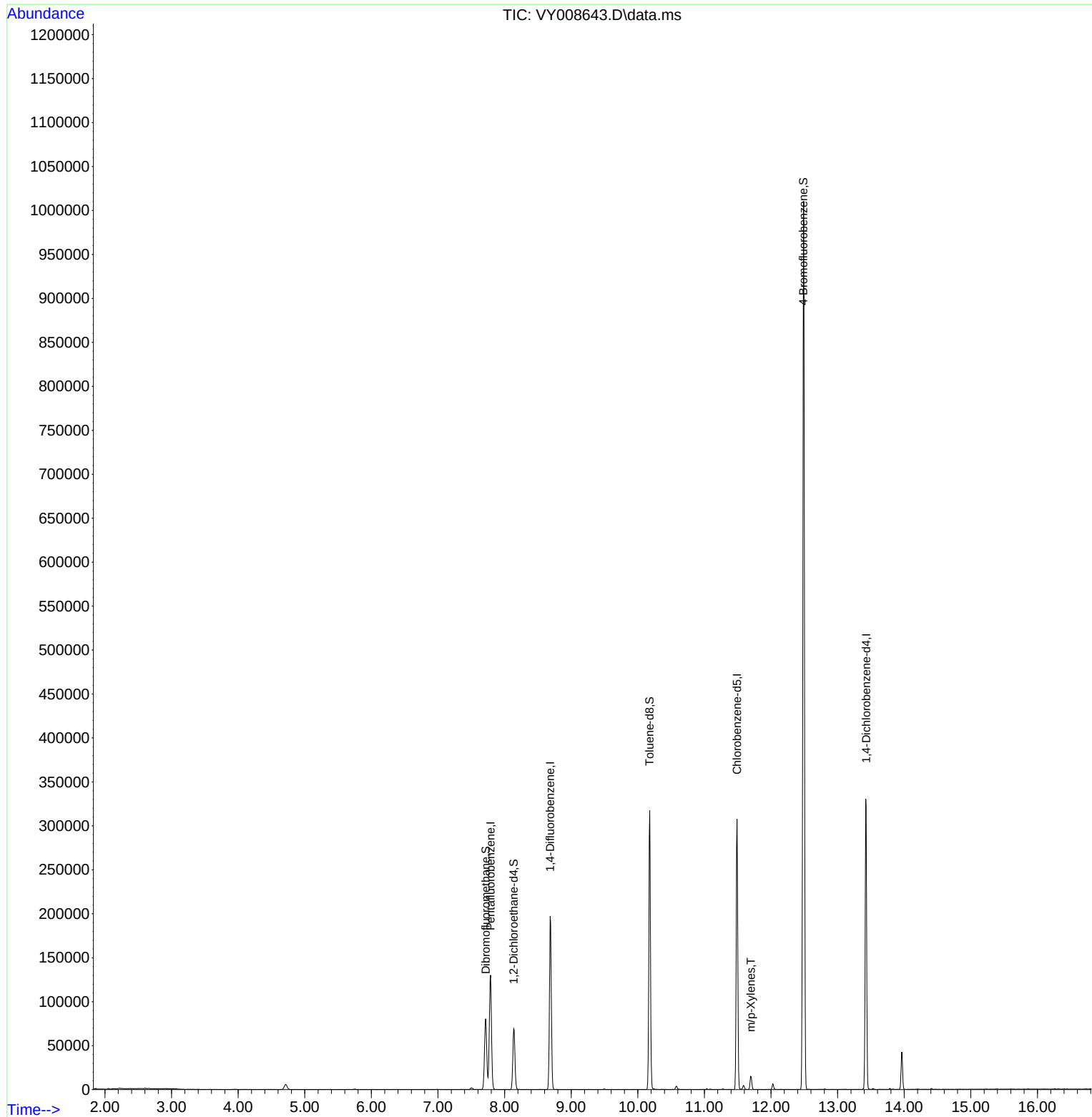
Internal Standards						
1) Pentafluorobenzene	7.789	168	111743	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	180986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53544	49.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.600%
35) Dibromofluoromethane	7.716	113	56574	47.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.480%
50) Toluene-d8	10.179	98	212746	50.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.483	95	79859	51.353	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.700%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.697	106	5165	1.703	ug/l	89

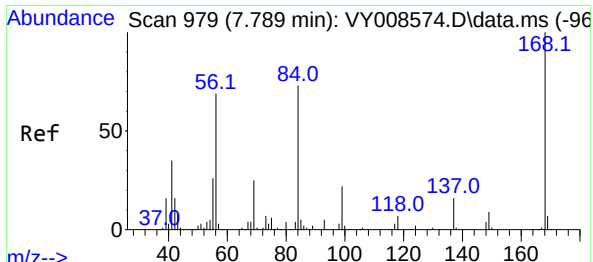
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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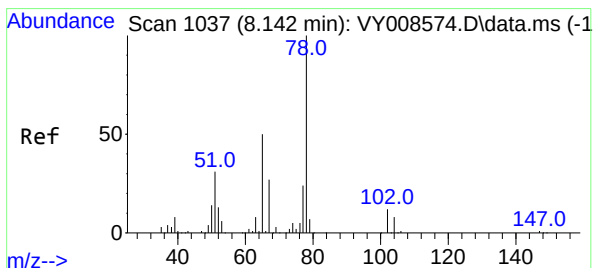
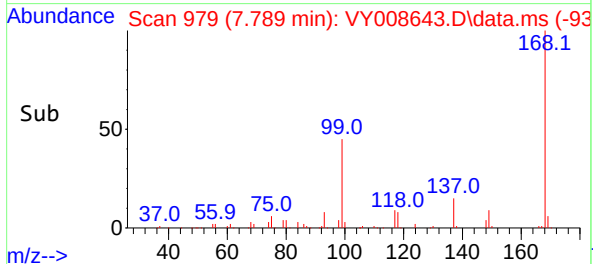
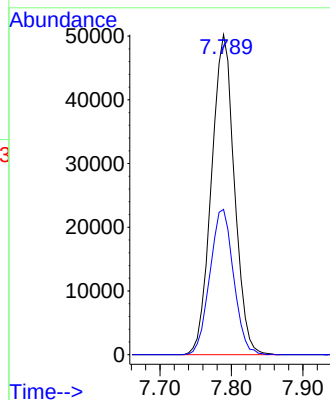
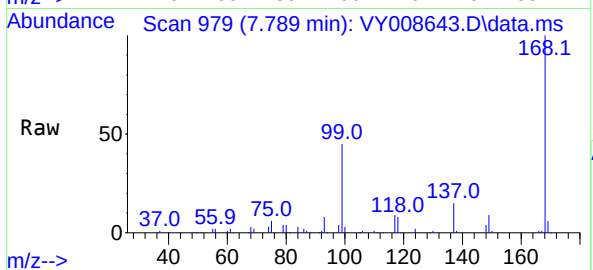




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008643.D
Acq: 05 May 2022 04:24

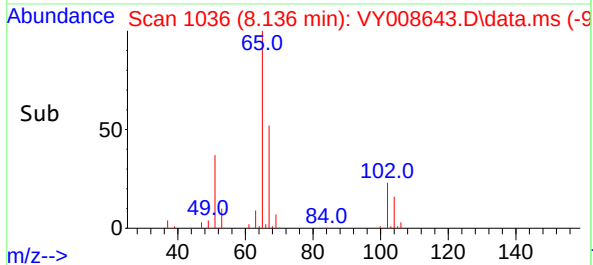
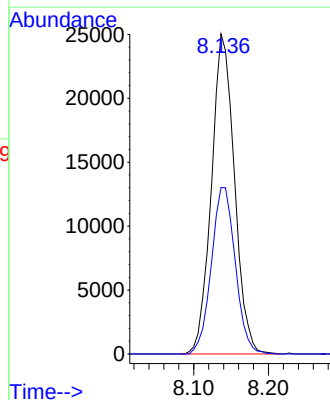
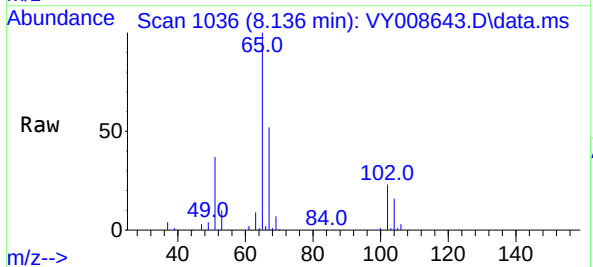
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,11

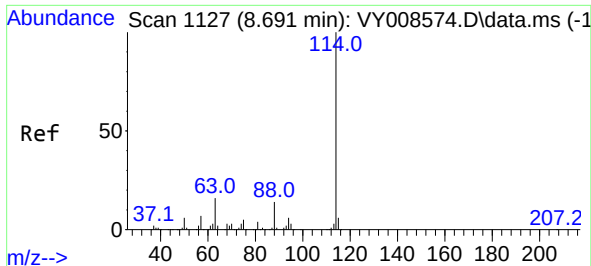
Tgt Ion:168 Resp: 111743
Ion Ratio Lower Upper
168 100
99 45.4 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 49.301 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008643.D
Acq: 05 May 2022 04:24

Tgt Ion: 65 Resp: 53544
Ion Ratio Lower Upper
65 100
67 54.0 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: VY008643.D

Acq: 05 May 2022 04:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-4,11

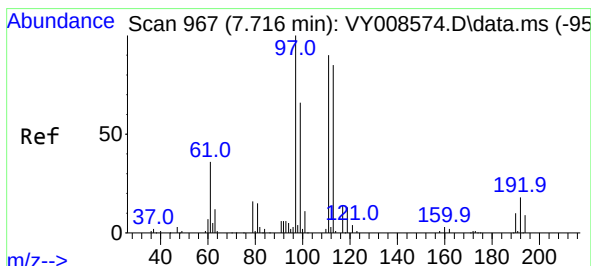
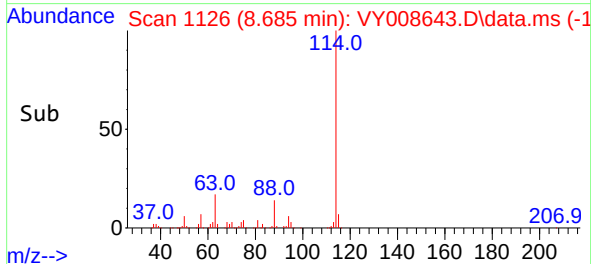
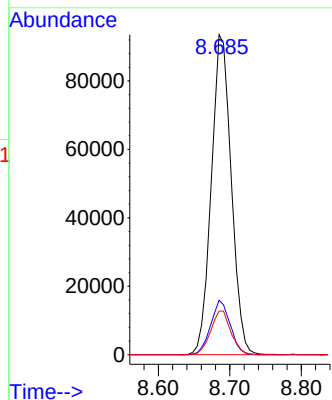
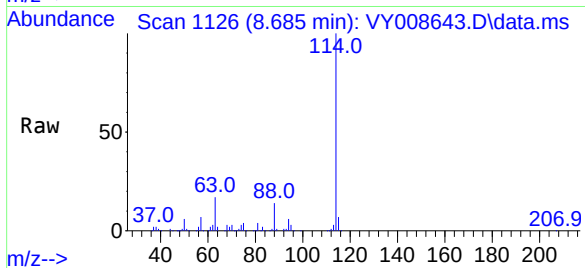
Tgt Ion:114 Resp: 180986

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.240 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008643.D

Acq: 05 May 2022 04:24

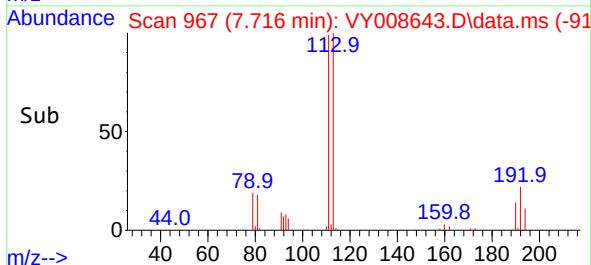
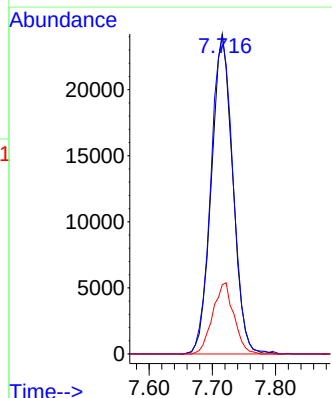
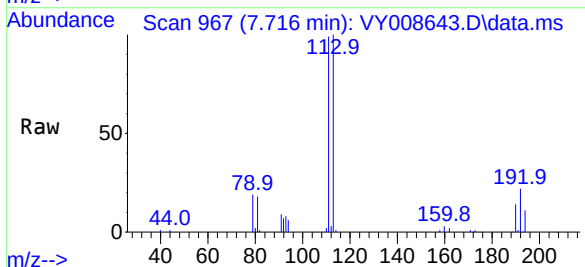
Tgt Ion:113 Resp: 56574

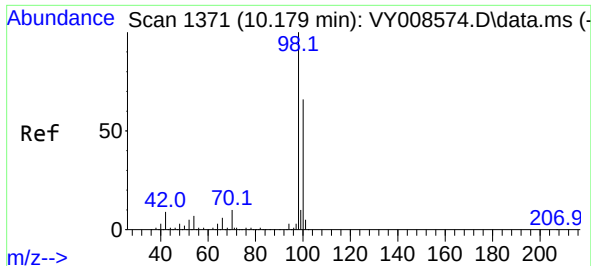
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 22.1 17.6 26.4

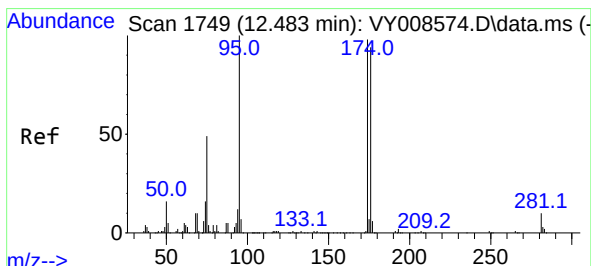
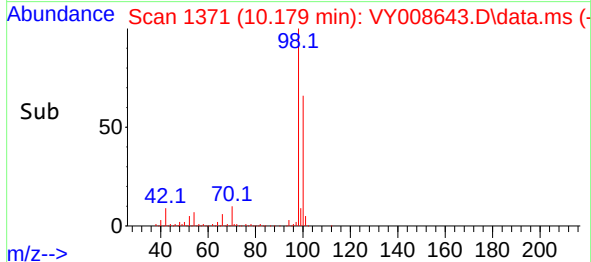
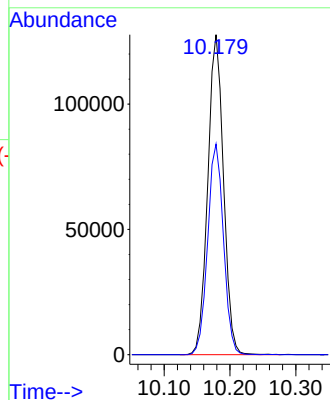
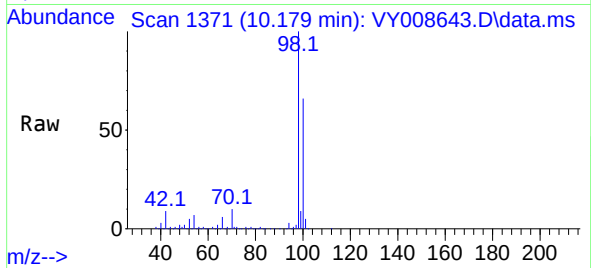




#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008643.D
Acq: 05 May 2022 04:24

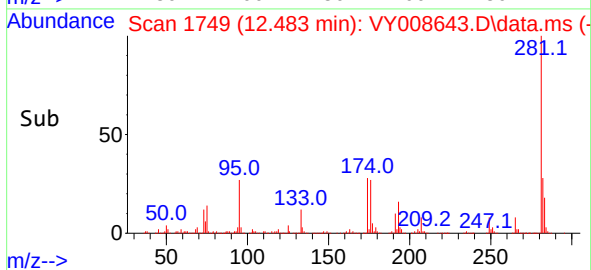
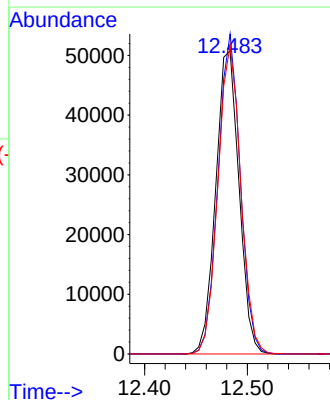
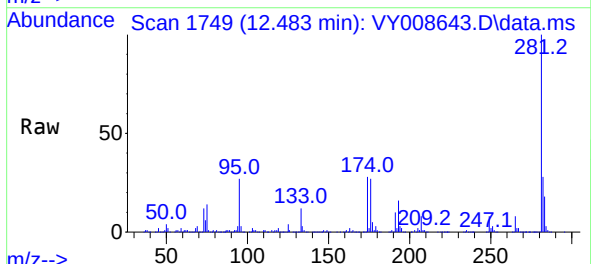
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,11

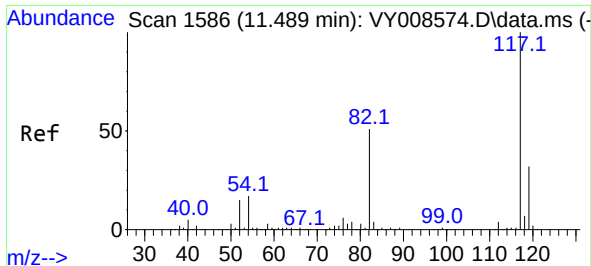
Tgt Ion: 98 Resp: 212746
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.353 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008643.D
Acq: 05 May 2022 04:24

Tgt Ion: 95 Resp: 79859
Ion Ratio Lower Upper
95 100
174 101.0 0.0 177.0
176 99.8 0.0 175.8

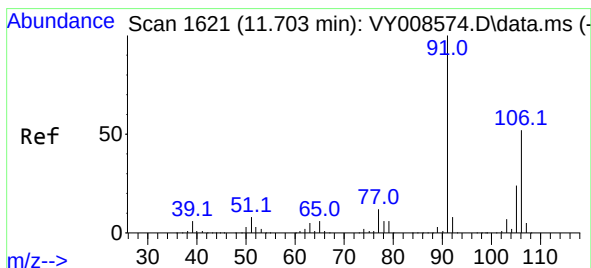
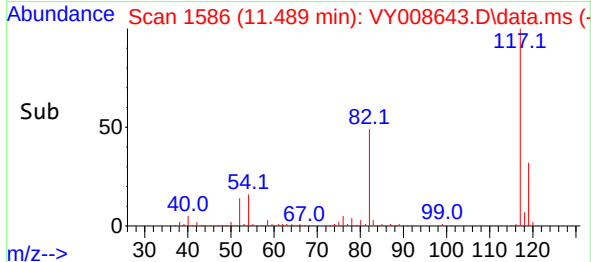
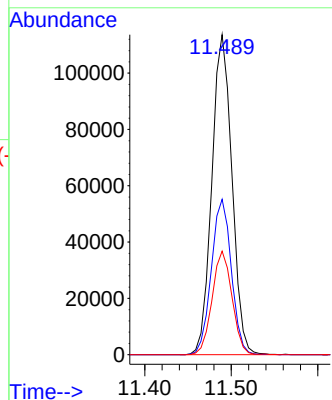
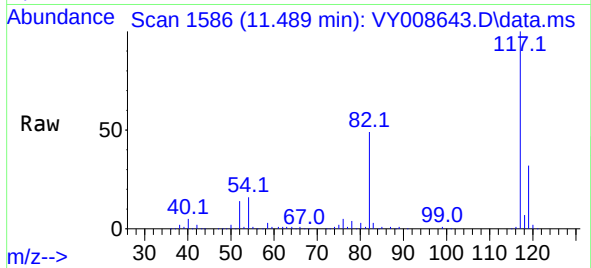




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008643.D
Acq: 05 May 2022 04:24

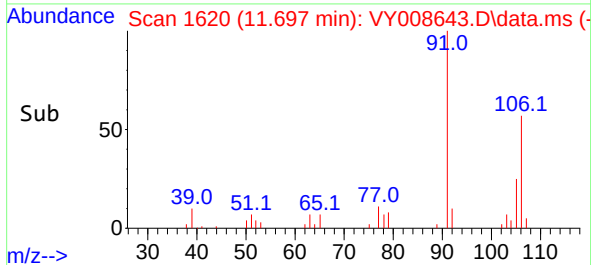
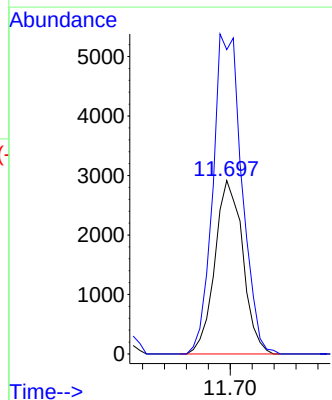
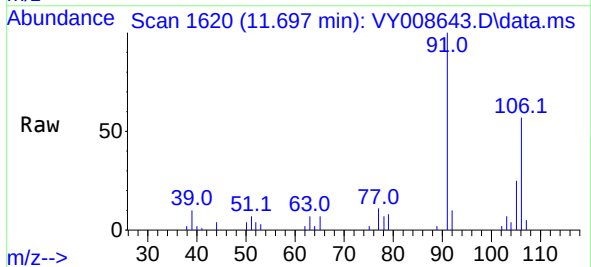
Instrument :
MSVOA_Y
ClientSampleId :
SB-4,11

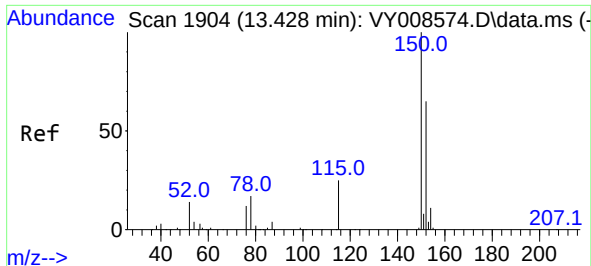
Tgt Ion:117 Resp: 183187
Ion Ratio Lower Upper
117 100
82 48.6 43.0 64.4
119 32.3 25.4 38.0



#68
m/p-Xylenes
Concen: 1.703 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008643.D
Acq: 05 May 2022 04:24

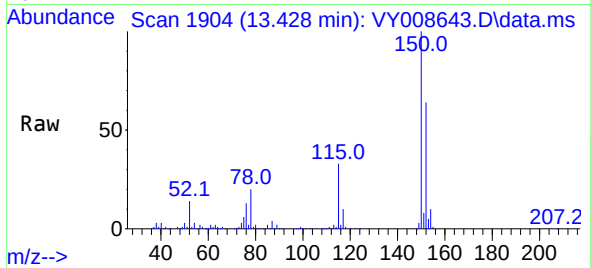
Tgt Ion:106 Resp: 5165
Ion Ratio Lower Upper
106 100
91 191.4 166.6 249.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008643.D
Acq: 05 May 2022 04:24

Instrument :
MSVOA_Y
ClientSampleId :
SB-4,11



Tgt Ion:152 Resp: 92435
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 157.4 0.0 347.6

