

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008943.D
 Acq On : 21 May 2022 12:42
 Operator : KP/MD
 Sample : N2919-08
 Misc : 4.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P028-SS001-0612-02

Quant Time: May 21 21:28:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

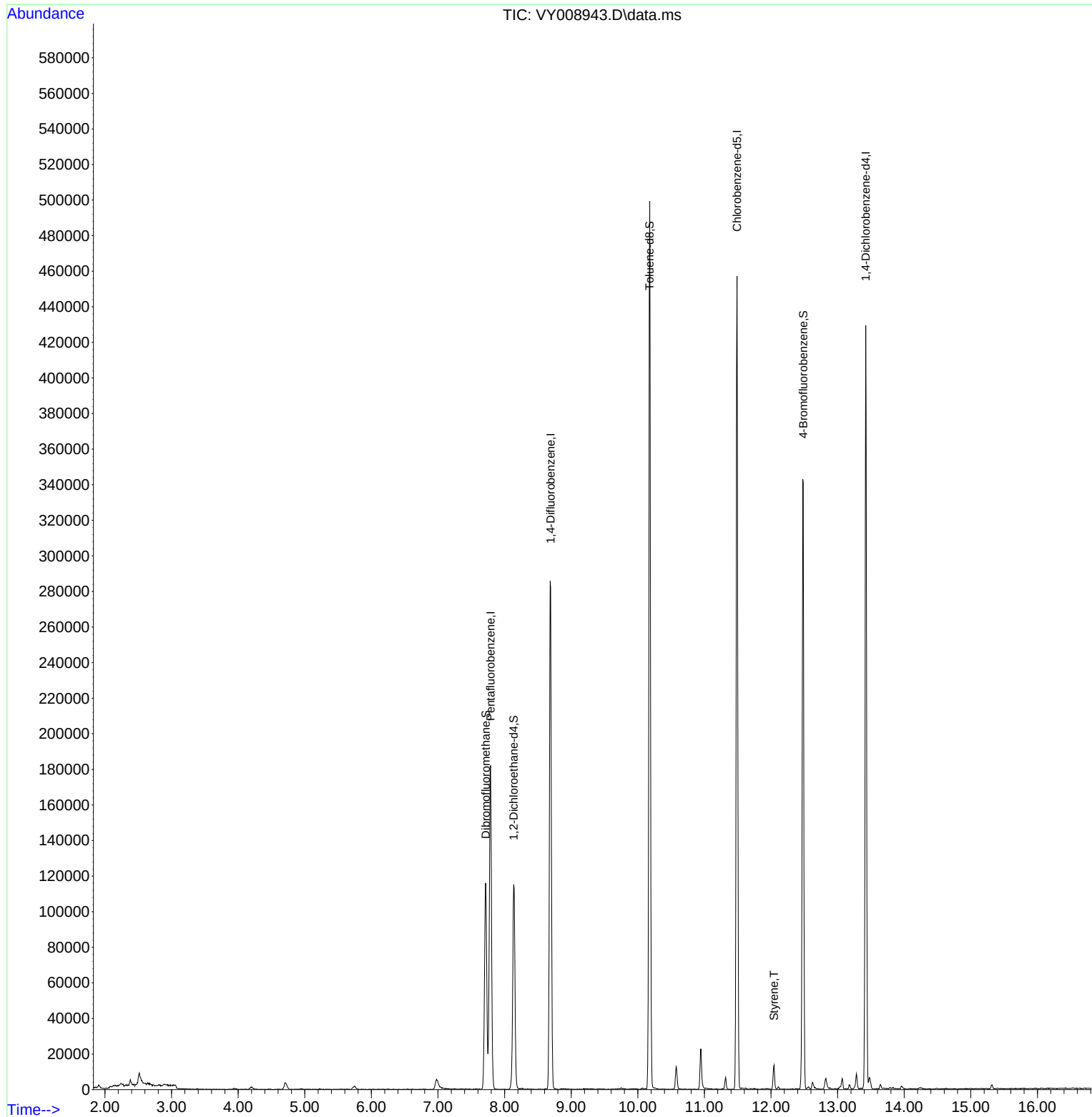
Internal Standards						
1) Pentafluorobenzene	7.789	168	141704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86982	59.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.280%	
35) Dibromofluoromethane	7.716	113	79067	51.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.179	98	310518	54.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.500%	
62) 4-Bromofluorobenzene	12.483	95	92927	40.616	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.240%	
Target Compounds						
					Qvalue	
70) Styrene	12.044	104	6587	1.045	ug/l	# 85

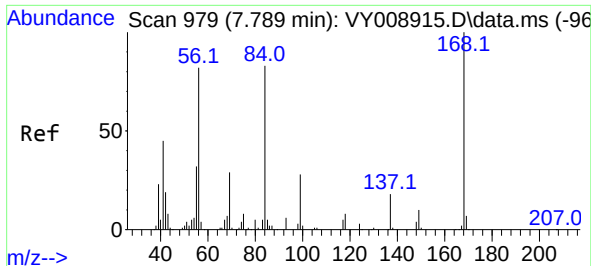
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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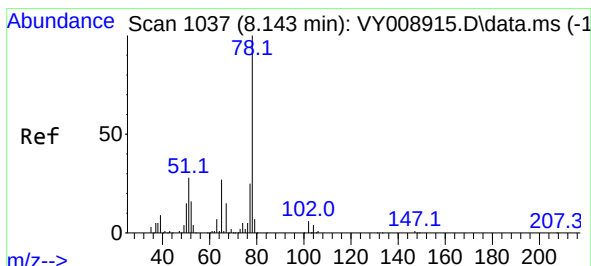
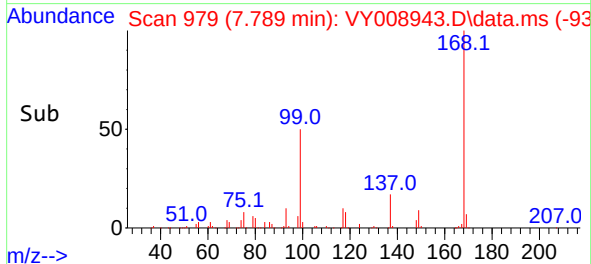
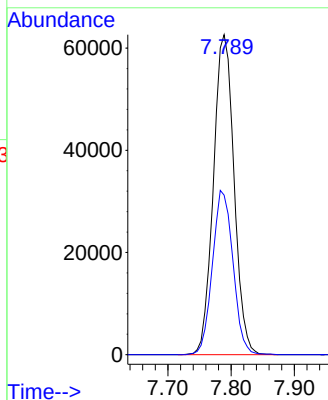
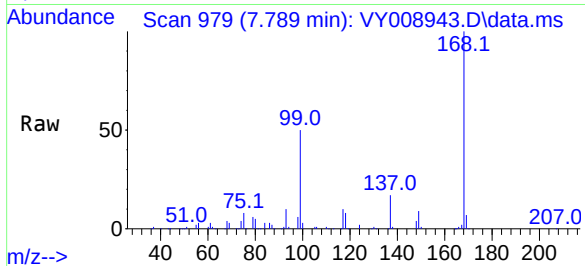




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008943.D
Acq: 21 May 2022 12:42

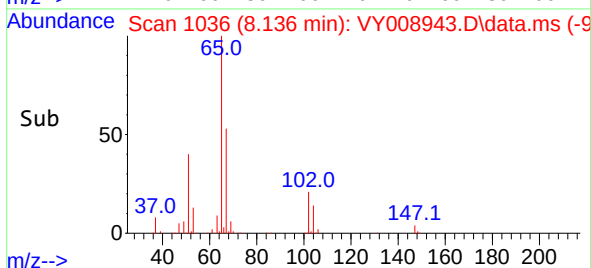
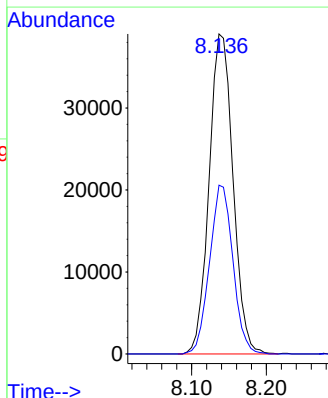
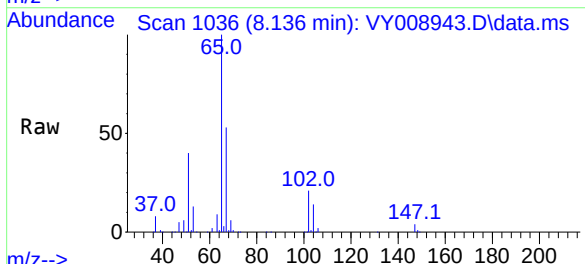
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-02

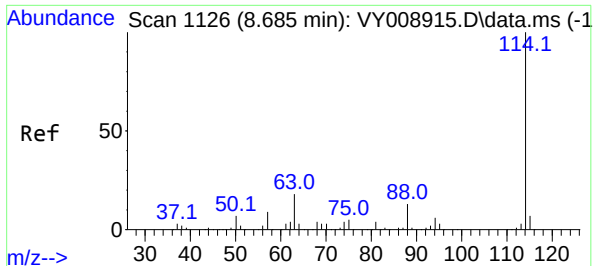
Tgt Ion:168 Resp: 141704
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.642 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008943.D
Acq: 21 May 2022 12:42

Tgt Ion: 65 Resp: 86982
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008943.D

Acq: 21 May 2022 12:42

Instrument :

MSVOA_Y

ClientSampleId :

P028-SS001-0612-02

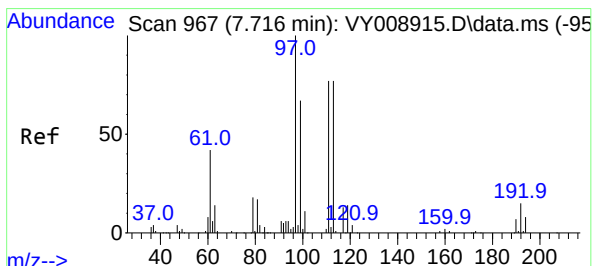
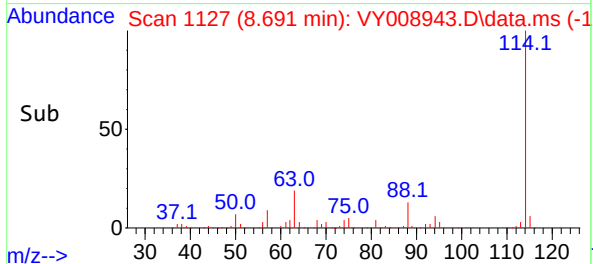
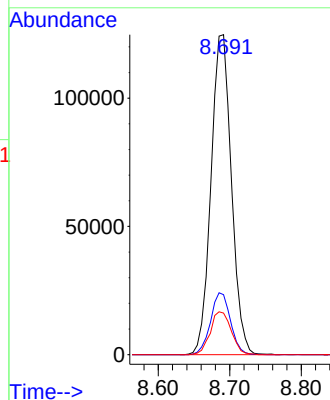
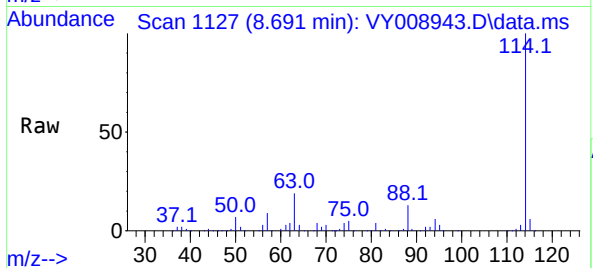
Tgt Ion:114 Resp: 247240

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.428 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008943.D

Acq: 21 May 2022 12:42

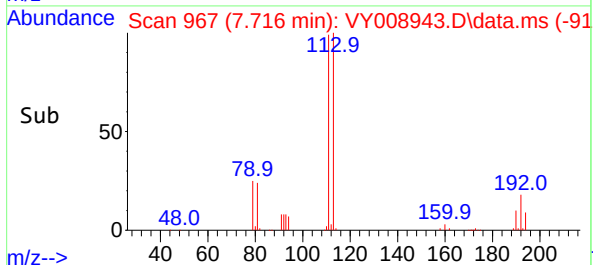
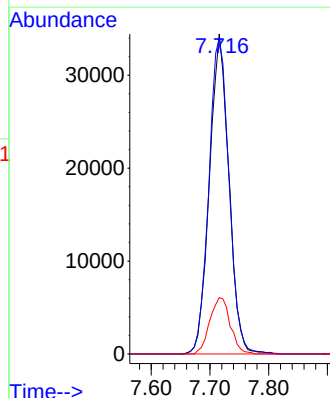
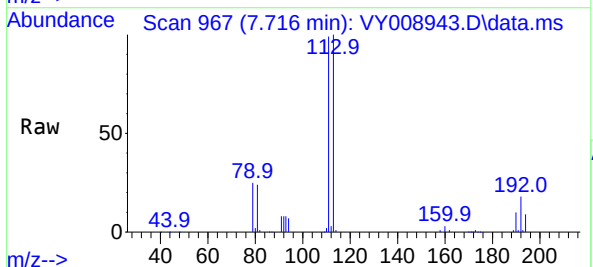
Tgt Ion:113 Resp: 79067

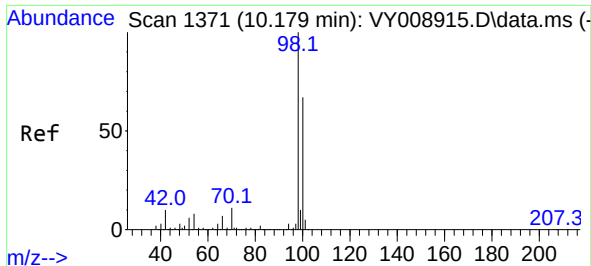
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 18.5 17.6 26.4

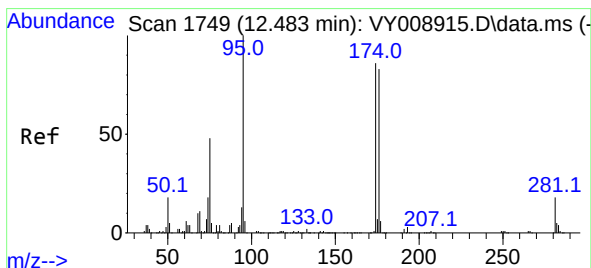
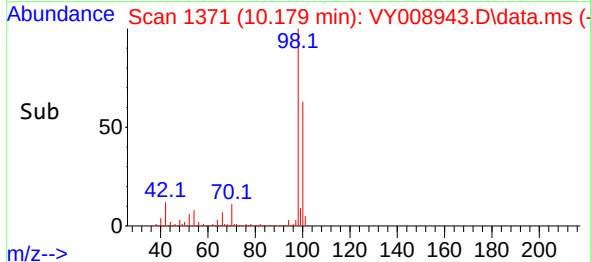
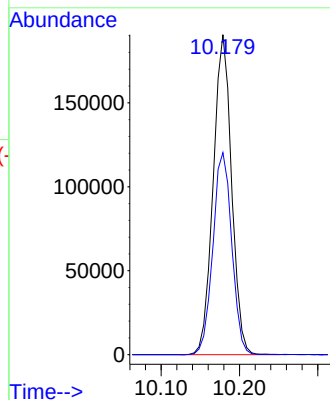
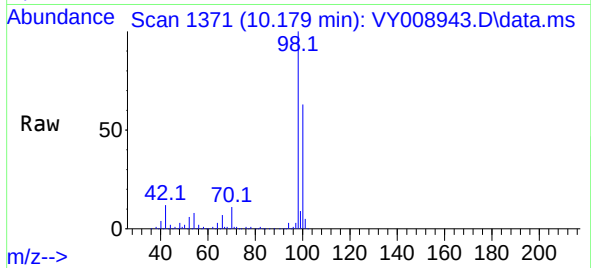




#50
Toluene-d8
Concen: 54.747 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008943.D
Acq: 21 May 2022 12:42

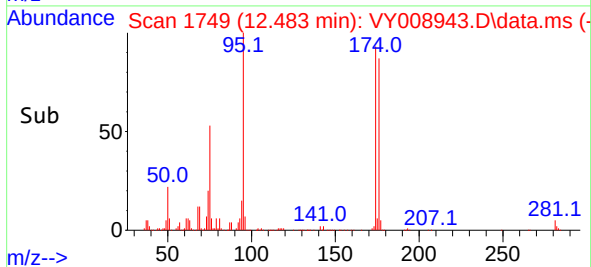
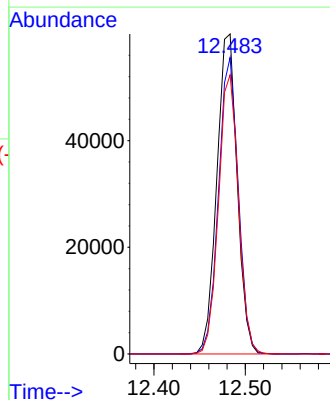
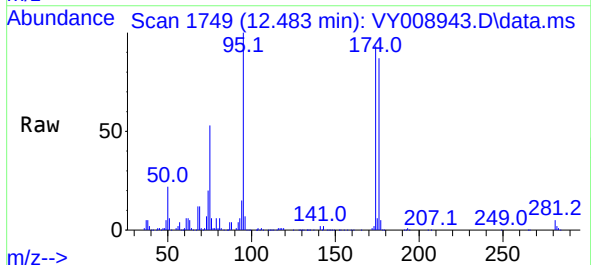
Instrument :
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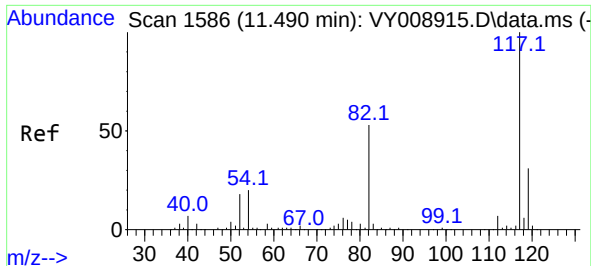
Tgt Ion: 98 Resp: 310518
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.616 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008943.D
Acq: 21 May 2022 12:42

Tgt Ion: 95 Resp: 92927
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 85.4 0.0 175.8

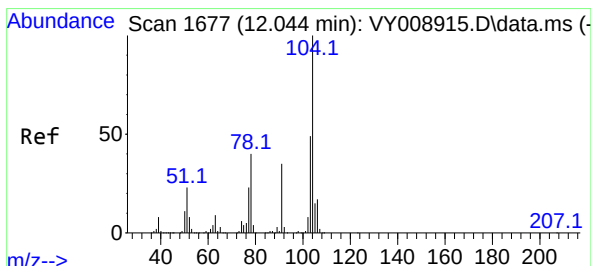
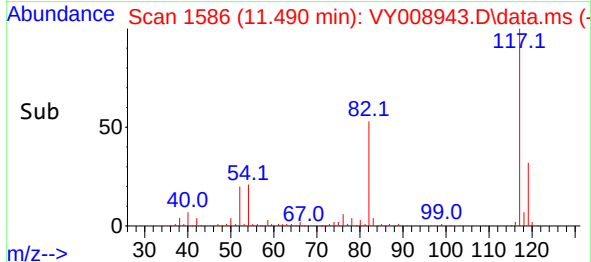
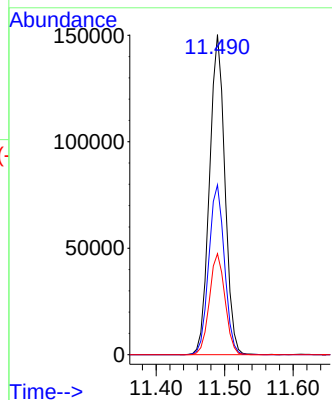
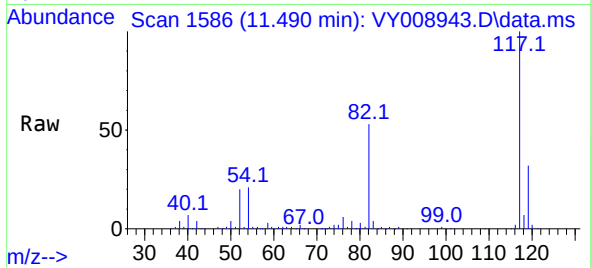




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008943.D
Acq: 21 May 2022 12:42

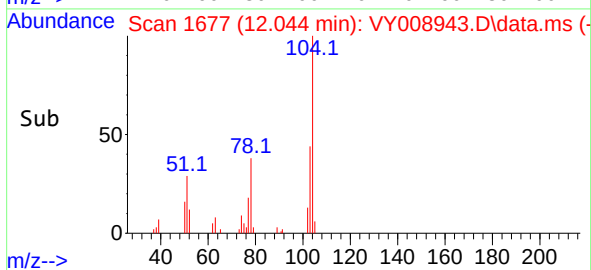
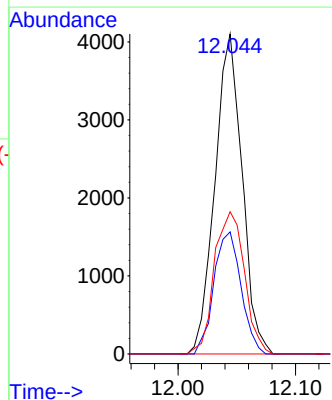
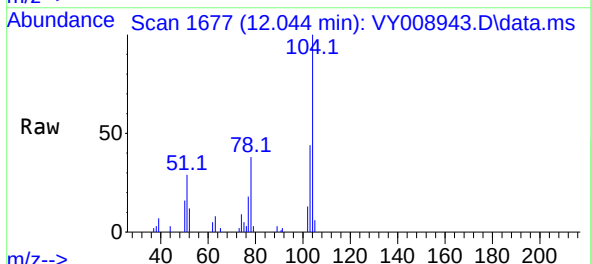
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-02

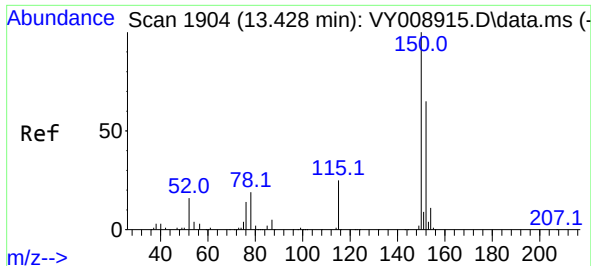
Tgt Ion:	117	Resp:	235104
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.0	64.4
119	31.6	25.4	38.0



#70
Styrene
Concen: 1.045 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008943.D
Acq: 21 May 2022 12:42

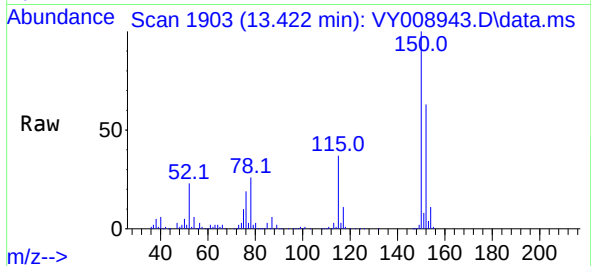
Tgt Ion:	104	Resp:	6587
Ion	Ratio	Lower	Upper
104	100		
78	38.2	42.4	63.6#
103	49.2	44.4	66.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY008943.D
 Acq: 21 May 2022 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 P028-SS001-0612-02



Tgt Ion:152 Resp: 102892

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	155.2	0.0	347.6

