

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008951.D
 Acq On : 21 May 2022 15:50
 Operator : KP/MD
 Sample : N2919-16
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS005-0006-01

Quant Time: May 21 21:30:26 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)

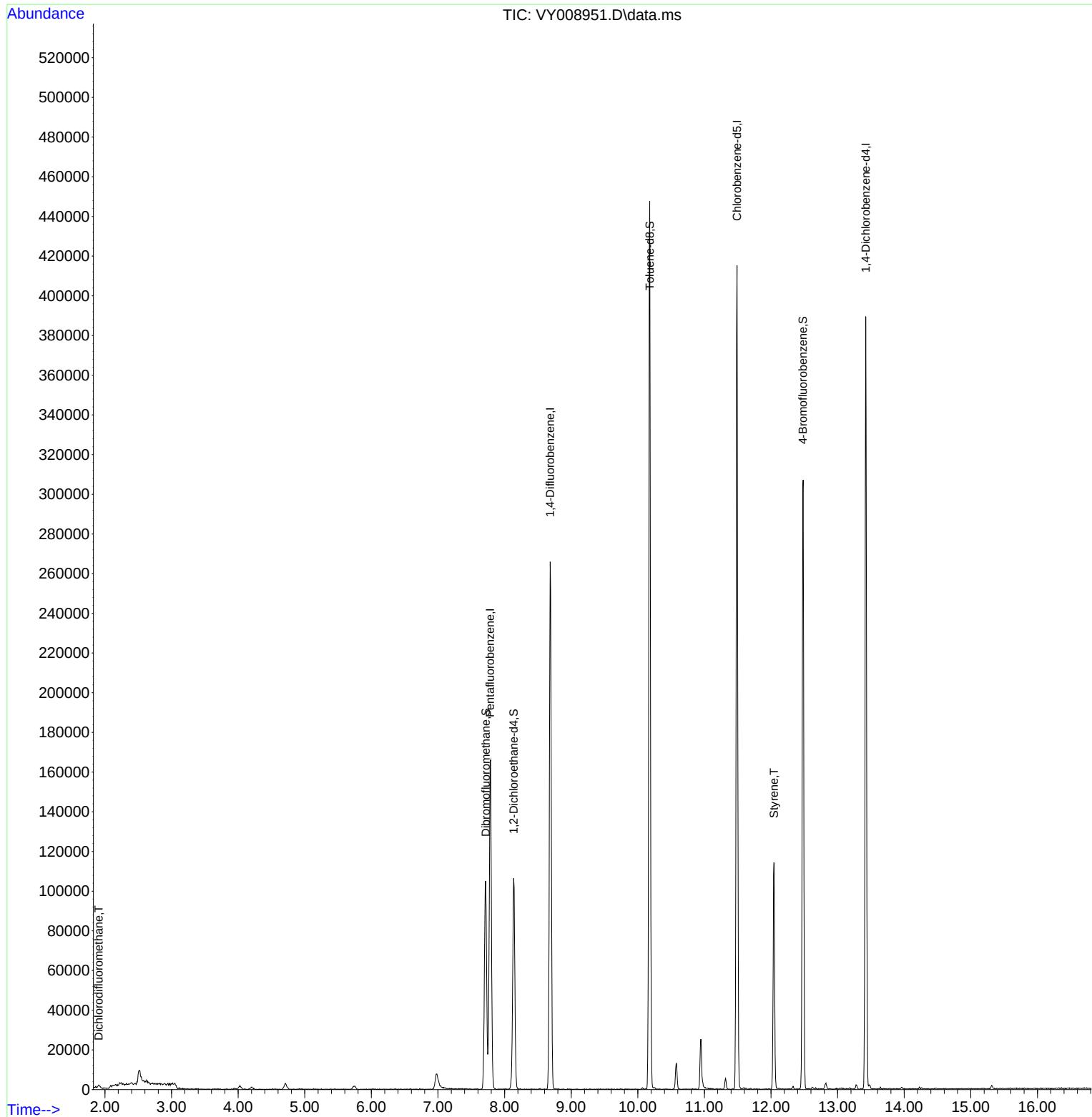
Internal Standards						
1) Pentafluorobenzene	7.783	168	126007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	226482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78472	60.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.020%
35) Dibromofluoromethane	7.716	113	72236	51.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.580%
50) Toluene-d8	10.179	98	281526	54.185	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.477	95	84274	40.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.420%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	1289	1.118	ug/l	95
70) Styrene	12.044	104	54236	9.511	ug/l #	85

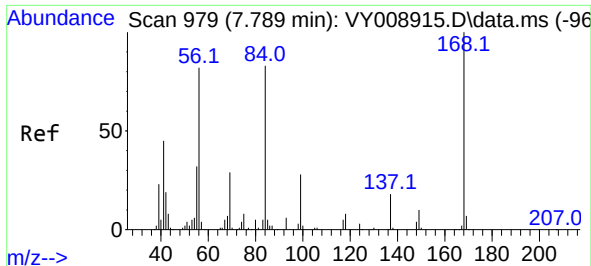
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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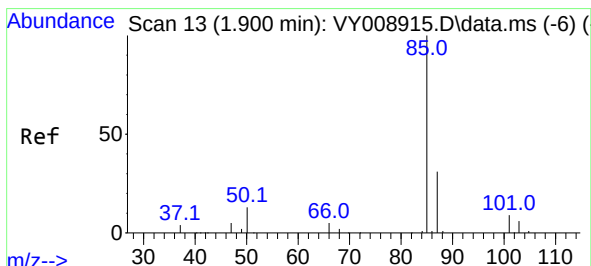
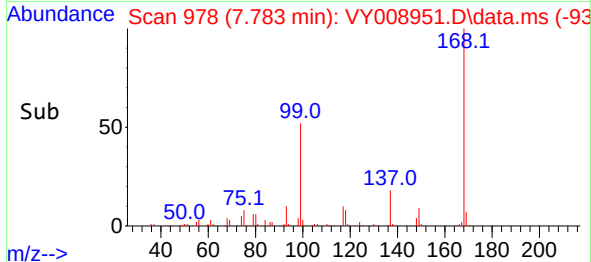
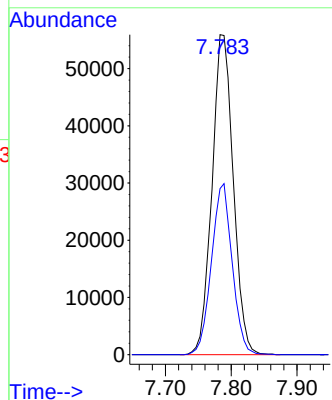
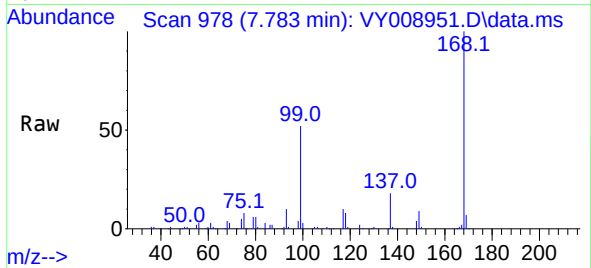




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

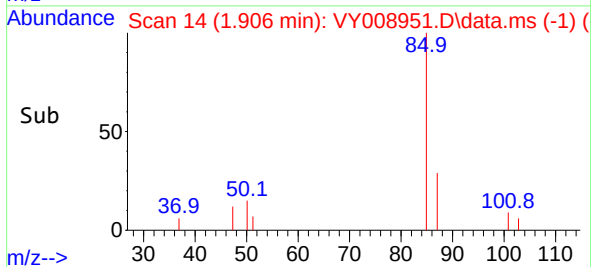
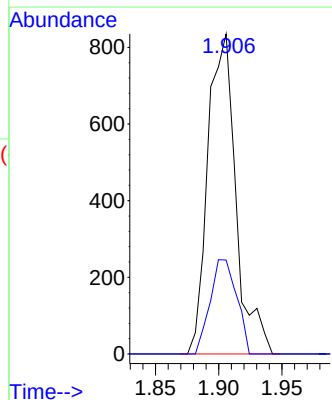
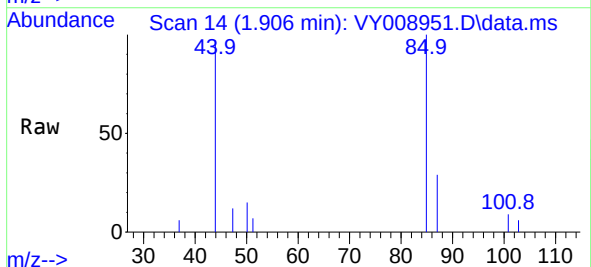
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS005-0006-01

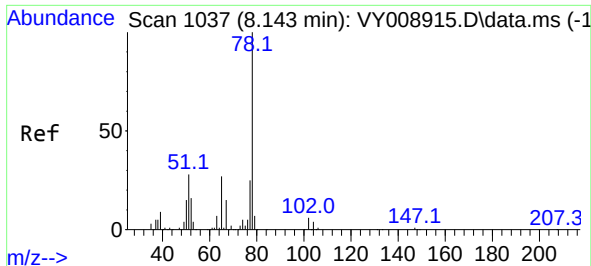
Tgt Ion:168 Resp: 126007
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.118 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Tgt Ion: 85 Resp: 1289
Ion Ratio Lower Upper
85 100
87 29.3 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 60.510 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY008951.D

Acq: 21 May 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

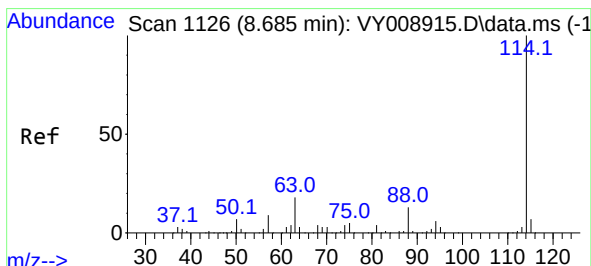
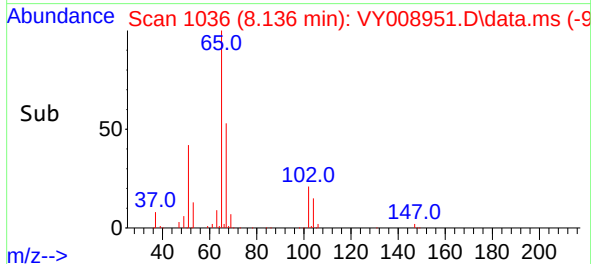
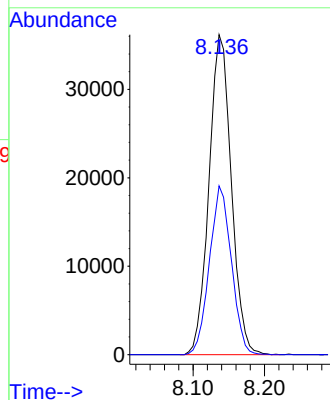
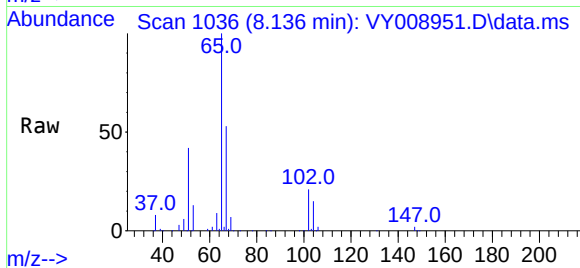
P013-SS005-0006-01

Tgt Ion: 65 Resp: 78472

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008951.D

Acq: 21 May 2022 15:50

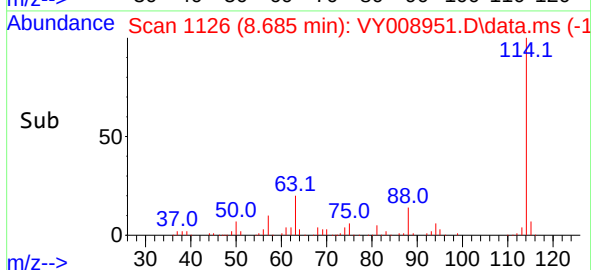
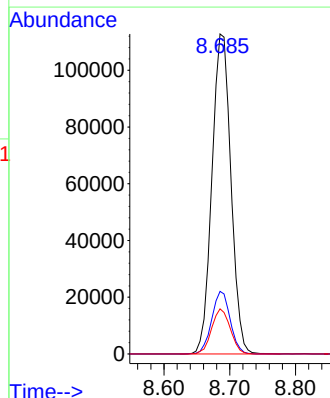
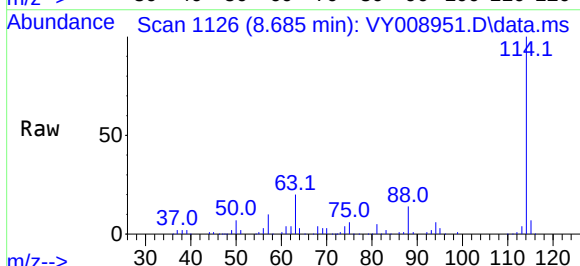
Tgt Ion: 114 Resp: 226482

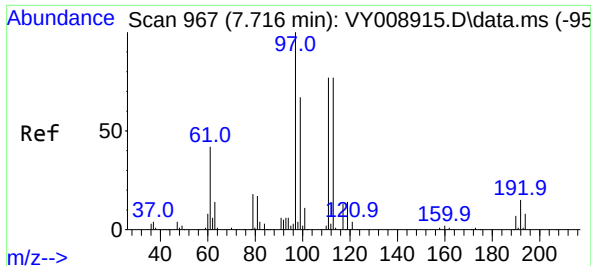
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.1 0.0 31.8

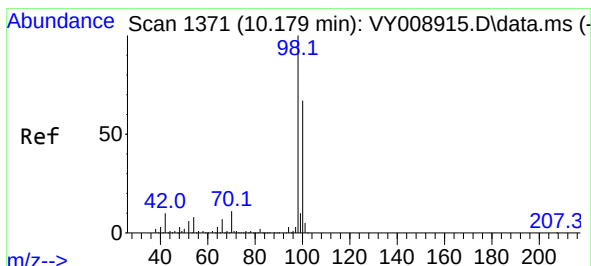
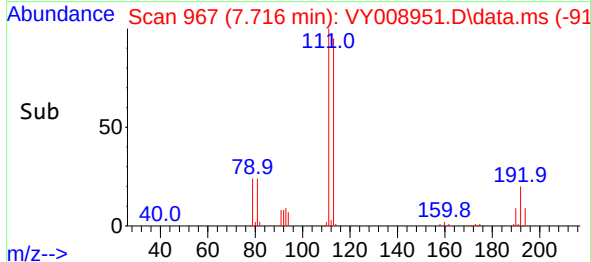
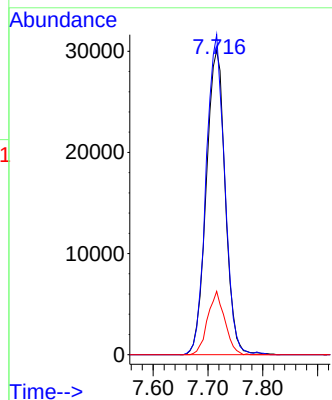
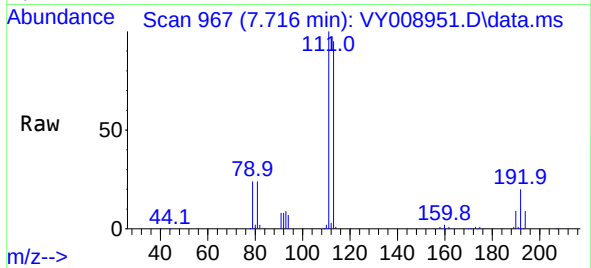




#35
Dibromofluoromethane
Concen: 51.291 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

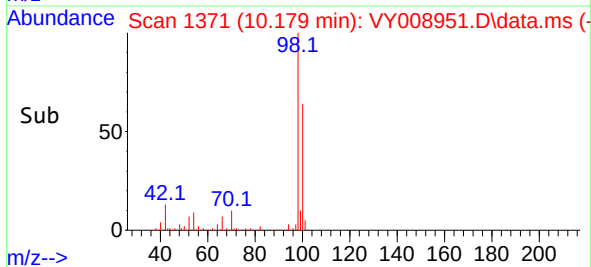
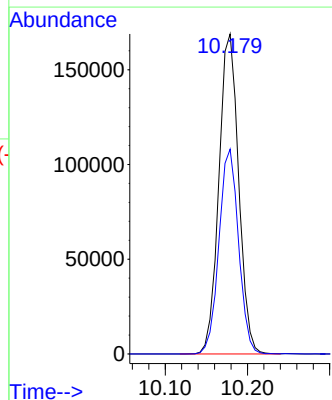
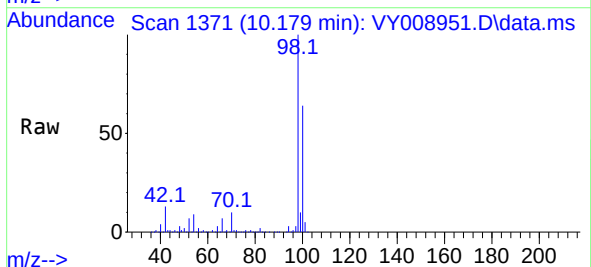
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS005-0006-01

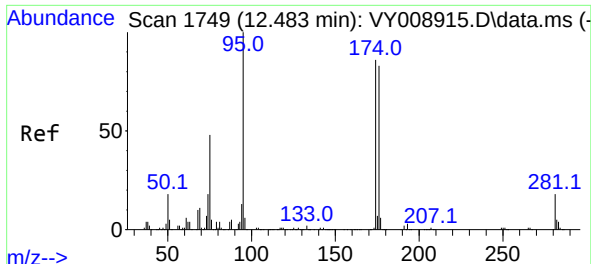
Tgt Ion:113 Resp: 72236
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 54.185 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Tgt Ion: 98 Resp: 281526
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

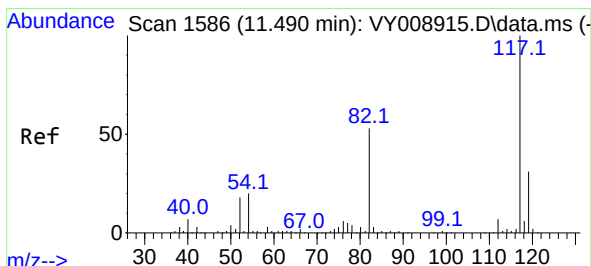
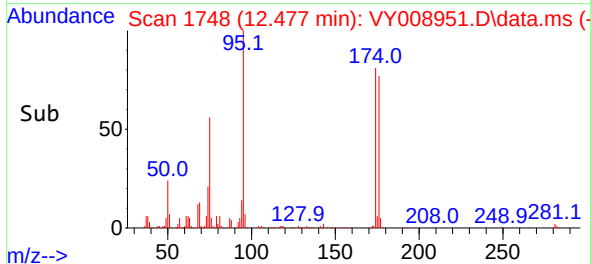
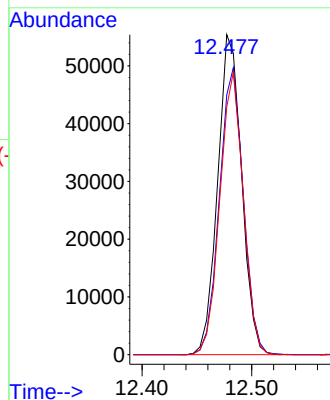
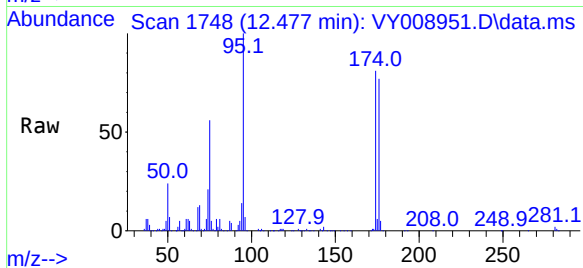




#62
4-Bromofluorobenzene
Concen: 40.210 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

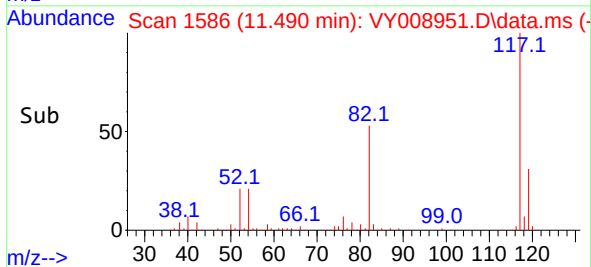
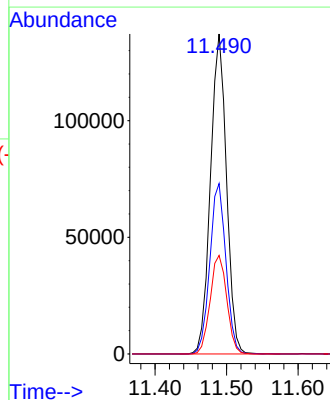
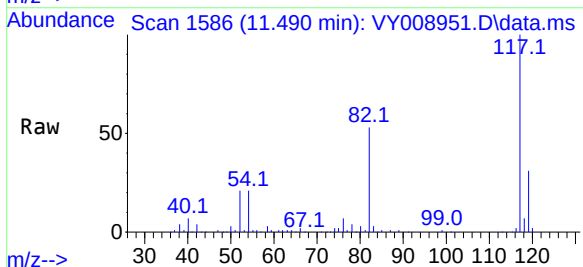
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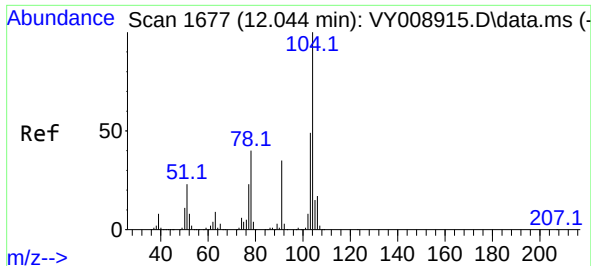
Tgt Ion: 95 Resp: 84274
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Tgt Ion: 117 Resp: 212663
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 30.8 25.4 38.0

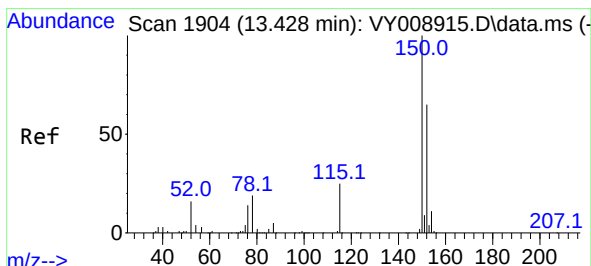
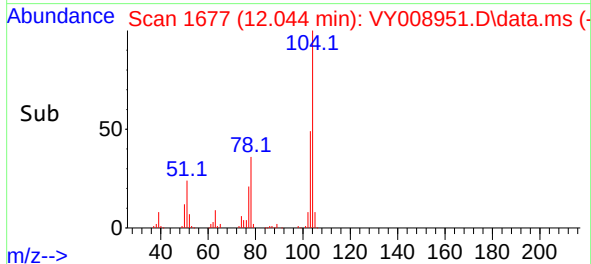
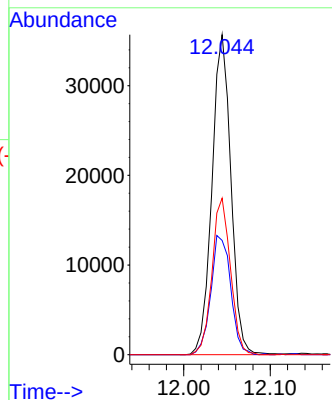
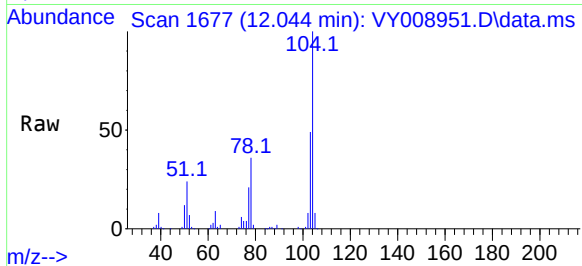




#70
Styrene
Concen: 9.511 ug/l
RT: 12.044 min Scan# 104
Delta R.T. 0.000 min
Lab File: VY008951.D
Acq: 21 May 2022 15:50

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS005-0006-01

Tgt Ion:	104	Resp:	54236
Ion Ratio	Lower	Upper	
104	100		
78	39.0	42.4	63.6#
103	47.7	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: VY008951.D
Acq: 21 May 2022 15:50

Tgt Ion:	152	Resp:	92134
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.2	84.7
150	155.3	0.0	347.6

