

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009040.D
 Acq On : 24 May 2022 05:08
 Operator : KP/MD
 Sample : N2948-23
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-0612-01

Quant Time: May 24 07:48:56 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)

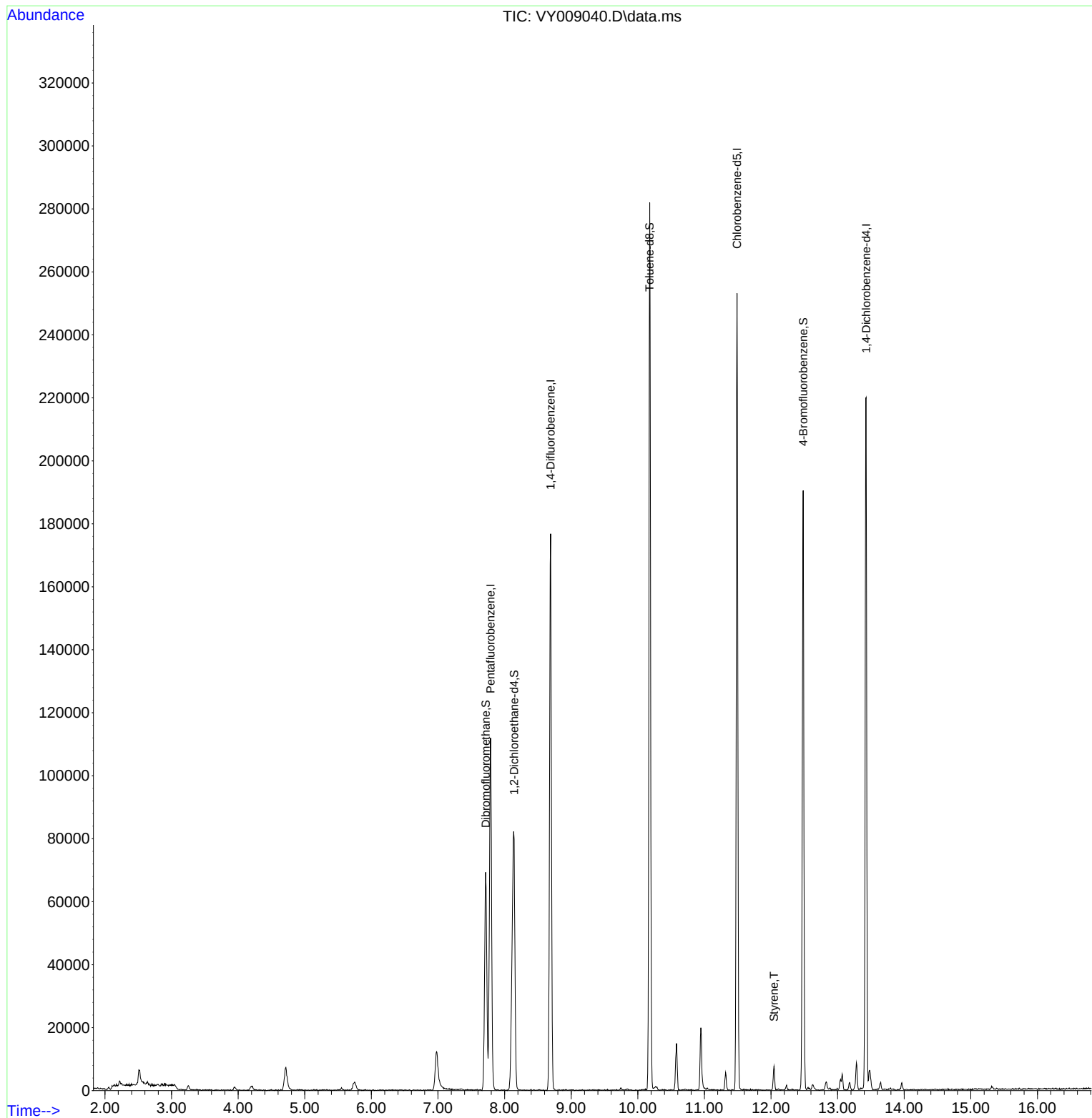
Internal Standards						
1) Pentafluorobenzene	7.789	168	83616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49796	57.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.720%
35) Dibromofluoromethane	7.716	113	45785	50.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.179	98	175402	52.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.860%
62) 4-Bromofluorobenzene	12.483	95	48507	35.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.880%
Target Compounds						
					Qvalue	
70) Styrene	12.044	104	3672	1.051	ug/l #	84

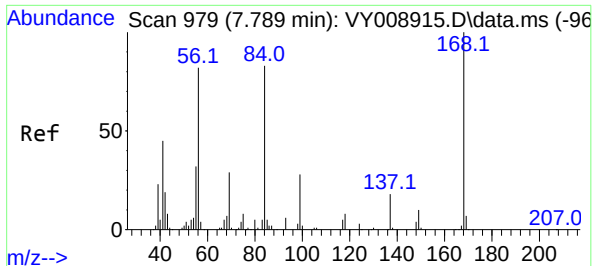
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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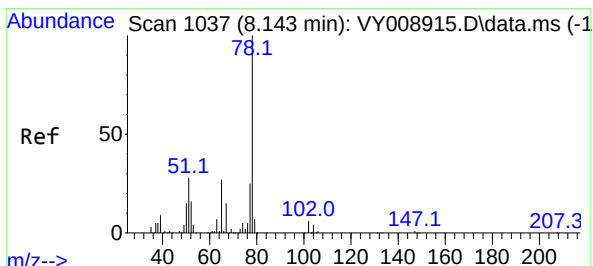
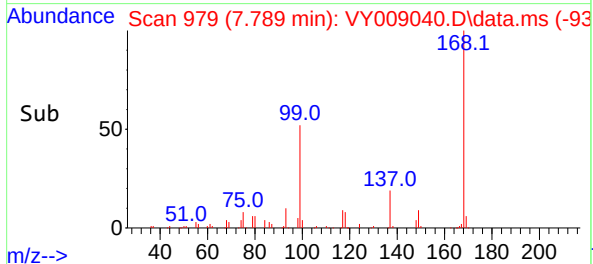
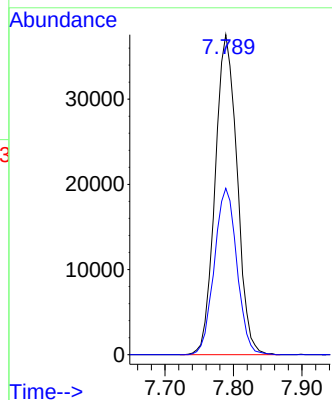
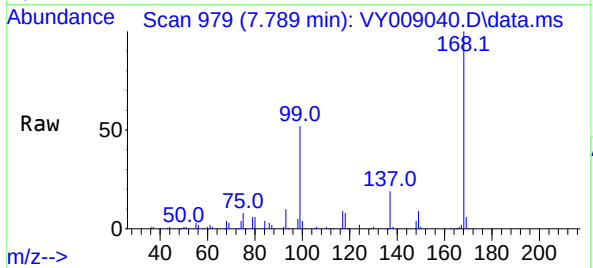




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009040.D
Acq: 24 May 2022 05:08

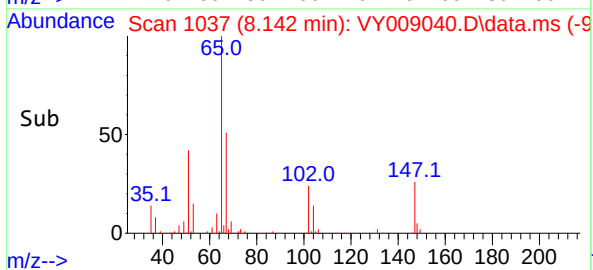
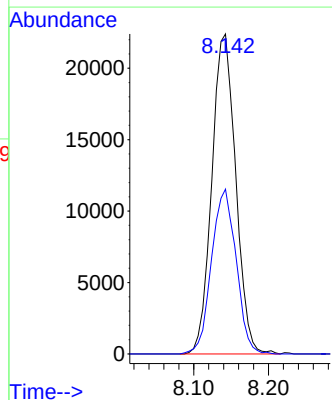
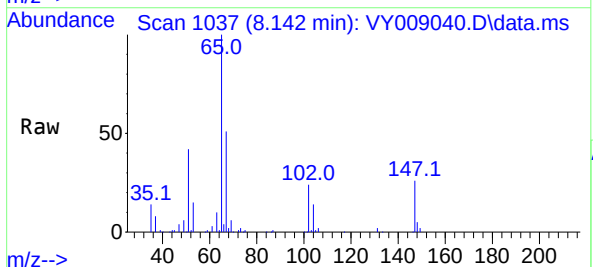
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0612-01

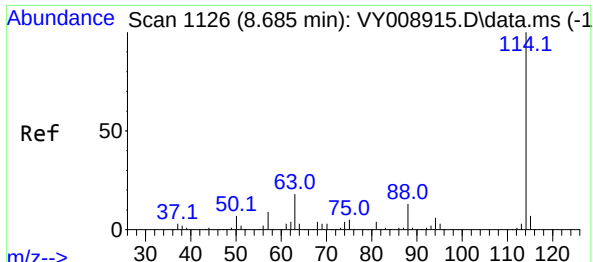
Tgt Ion:168 Resp: 83616
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.865 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009040.D
Acq: 24 May 2022 05:08

Tgt Ion: 65 Resp: 49796
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4



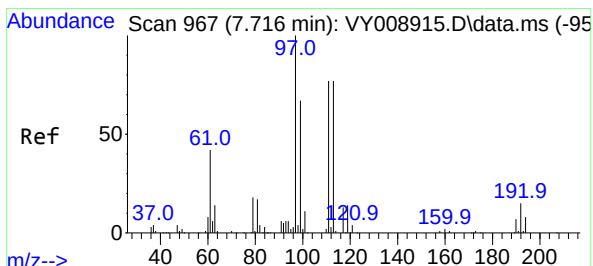
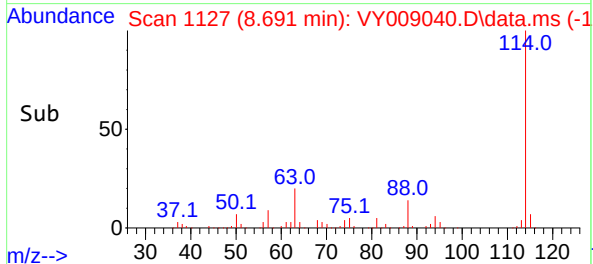
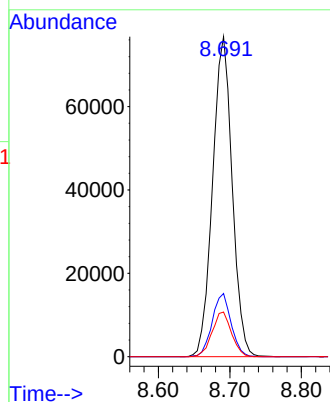
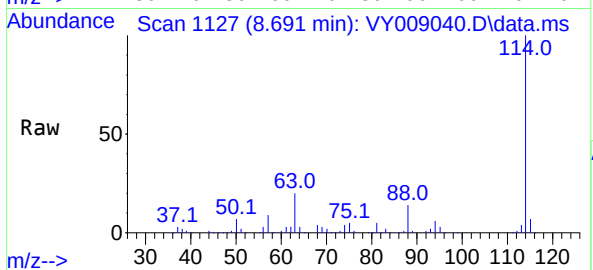


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY009040.D
Acq: 24 May 2022 05:08

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0612-01

Tgt Ion:114 Resp: 145838

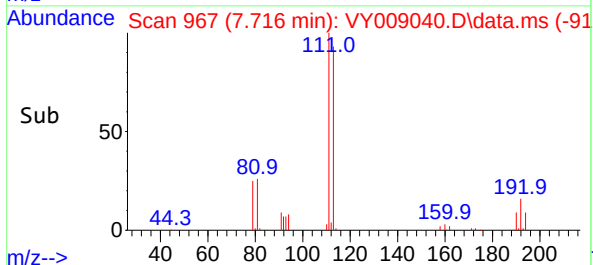
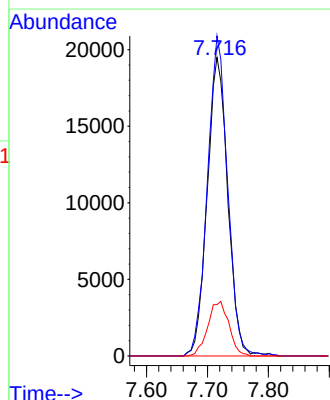
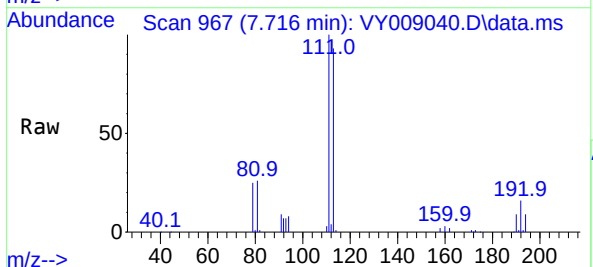
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.2
88	14.0	0.0	31.8

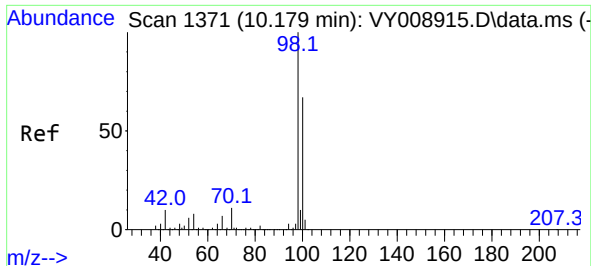


#35
Dibromofluoromethane
Concen: 50.486 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009040.D
Acq: 24 May 2022 05:08

Tgt Ion:113 Resp: 45785

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.6	124.0
192	18.7	17.6	26.4

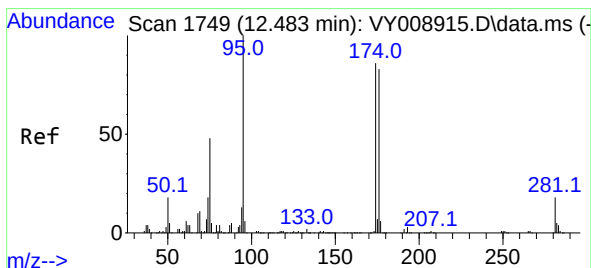
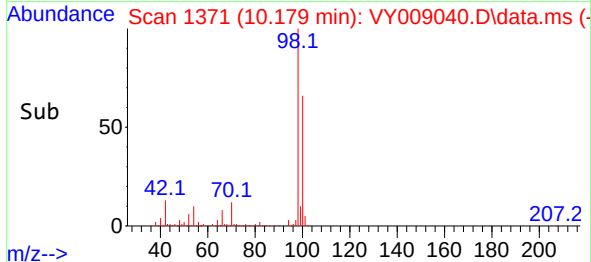
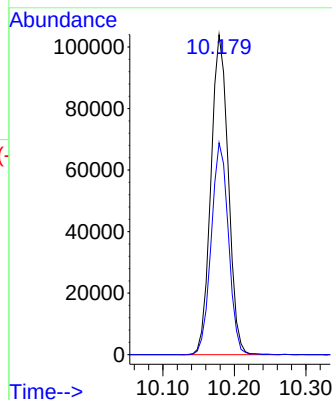
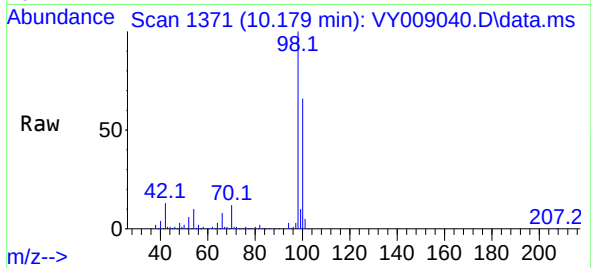




#50
Toluene-d8
Concen: 52.427 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009040.D
Acq: 24 May 2022 05:08

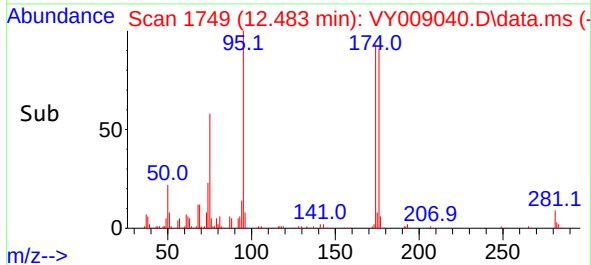
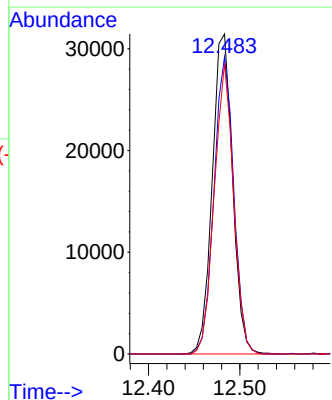
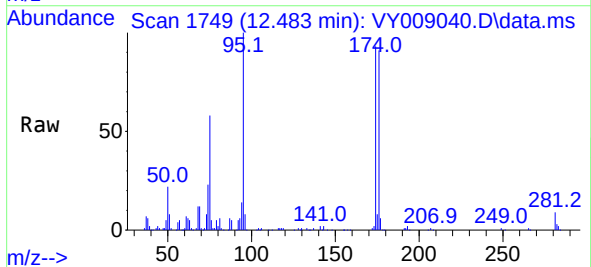
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0612-01

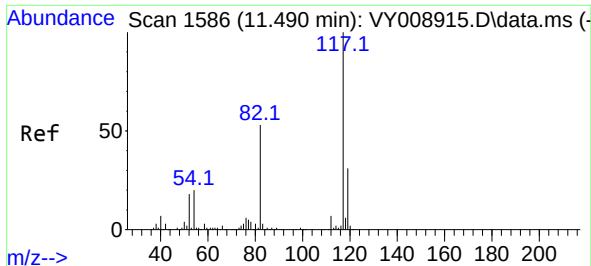
Tgt Ion: 98 Resp: 175402
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009040.D
Acq: 24 May 2022 05:08

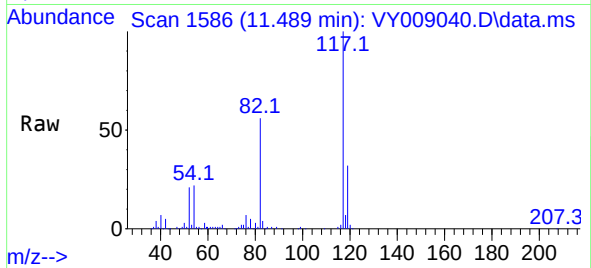
Tgt Ion: 95 Resp: 48507
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 86.2 0.0 175.8



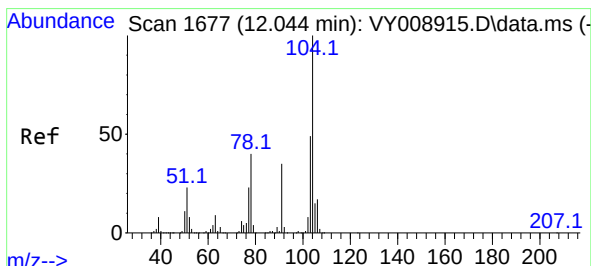
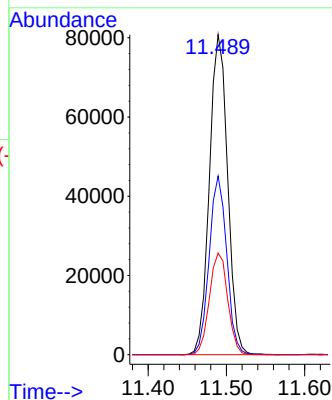
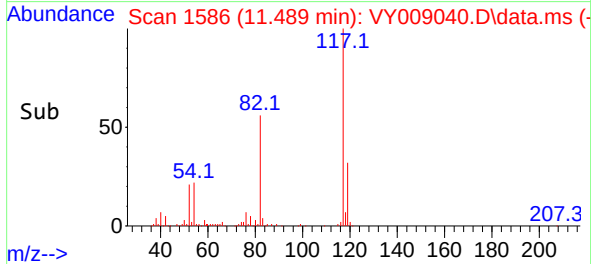


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009040.D
Acq: 24 May 2022 05:08

Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0612-01

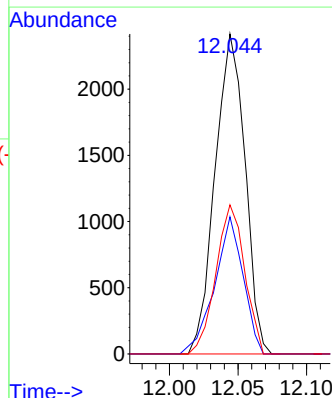
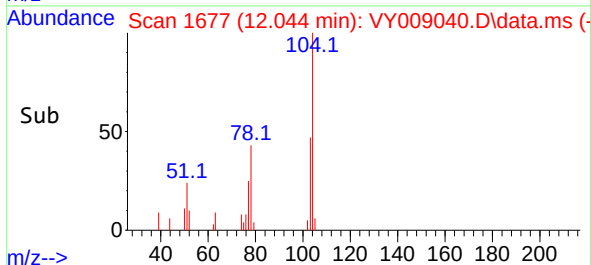
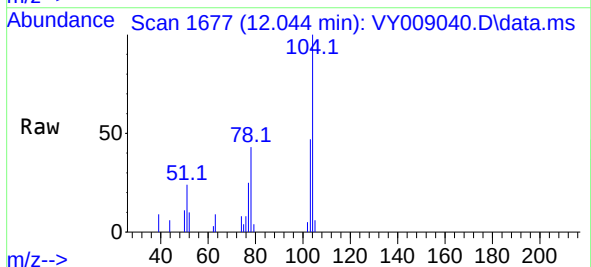


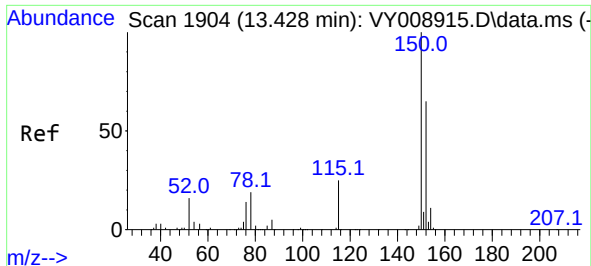
Tgt Ion:117 Resp: 130323
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 31.7 25.4 38.0



#70
Styrene
Concen: 1.051 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009040.D
Acq: 24 May 2022 05:08

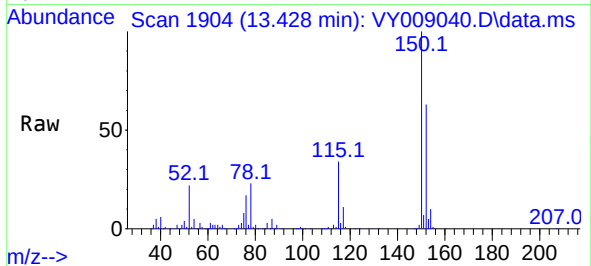
Tgt Ion:104 Resp: 3672
Ion Ratio Lower Upper
104 100
78 40.8 42.4 63.6#
103 44.8 44.4 66.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009040.D
 Acq: 24 May 2022 05:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-0612-01



Tgt Ion:	152	Resp:	53962
Ion Ratio	Lower	Upper	
152	100		
115	56.5	28.2	84.7
150	159.3	0.0	347.6

