

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008646.D
 Acq On : 05 May 2022 05:35
 Operator : KP/MD
 Sample : N2665-09
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11,15

Quant Time: May 05 06:53:40 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)

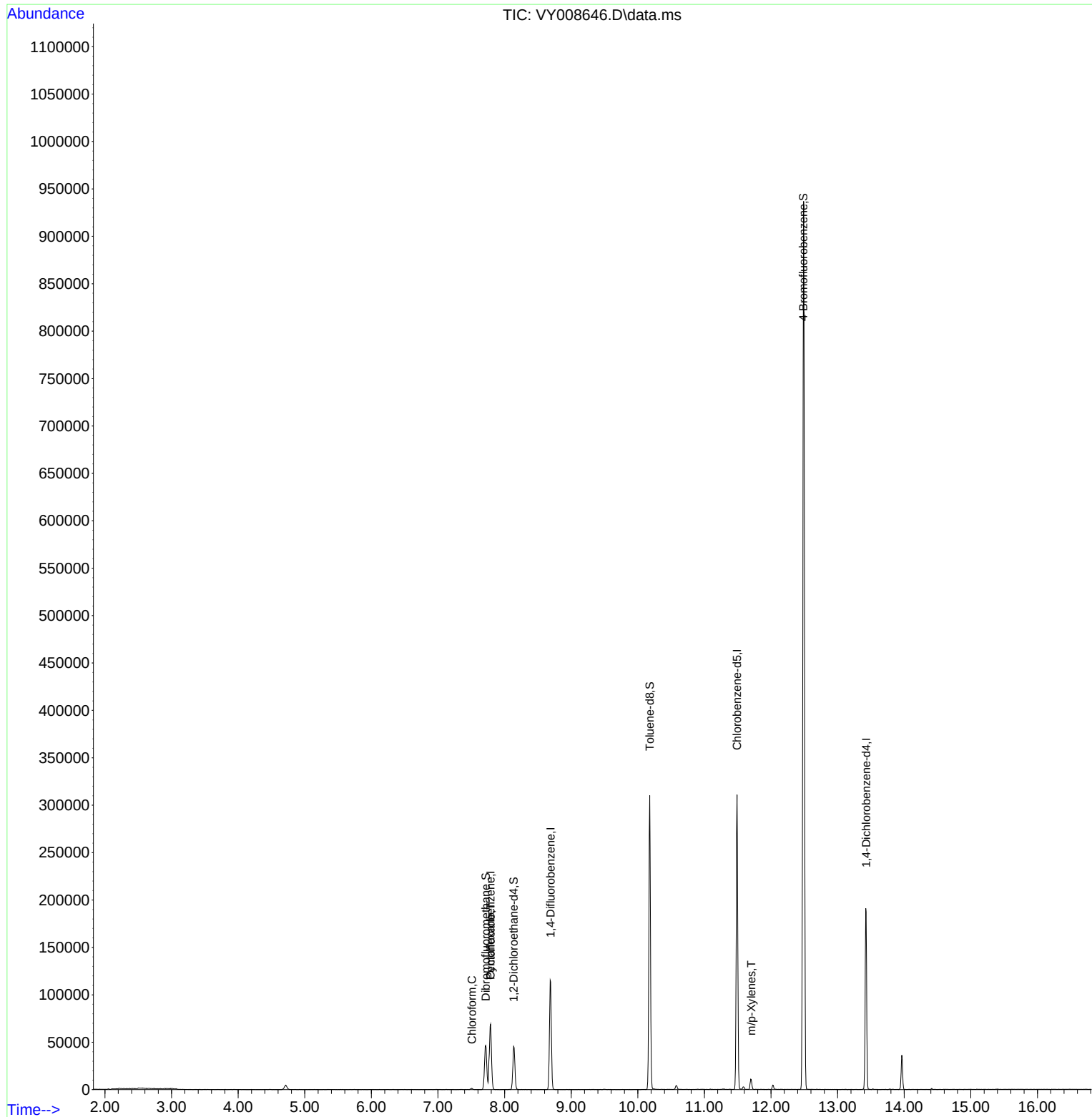
Internal Standards						
1) Pentafluorobenzene	7.789	168	54117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	100001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34855	66.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.540%
35) Dibromofluoromethane	7.716	113	33106	50.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.179	98	207207	88.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	176.780%#
62) 4-Bromofluorobenzene	12.483	95	76874	89.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	178.940%#
Target Compounds						
30) Chloroform	7.509	83	1218	1.099	ug/l	87
31) Cyclohexane	7.789	56	1319	1.453	ug/l #	49
68) m/p-Xylenes	11.703	106	3866	1.282	ug/l	77

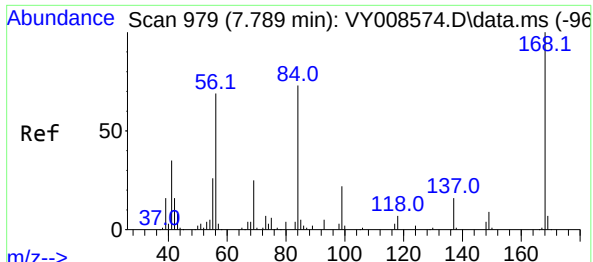
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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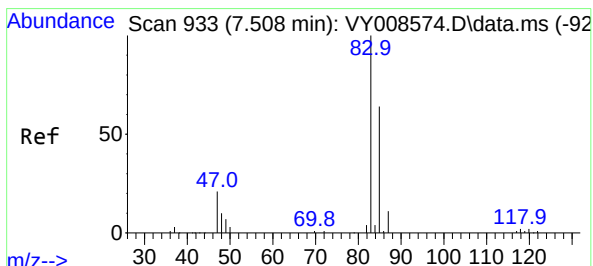
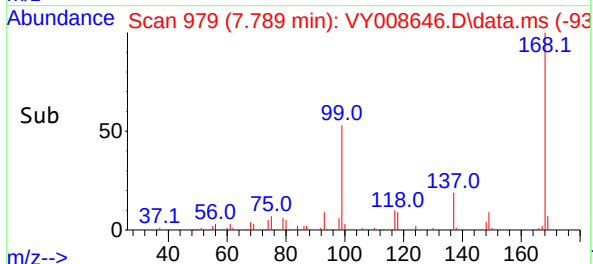
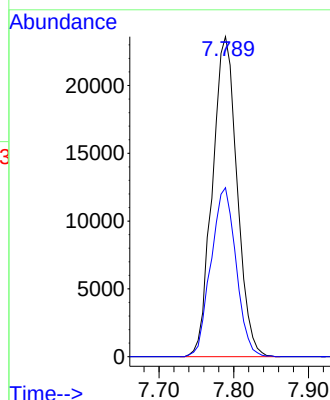
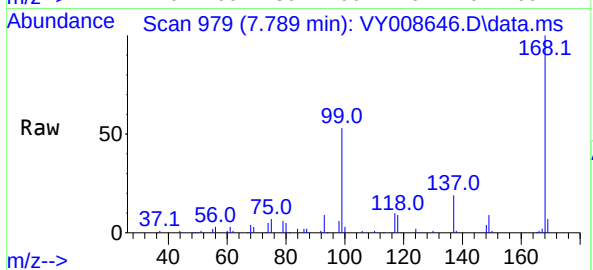




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

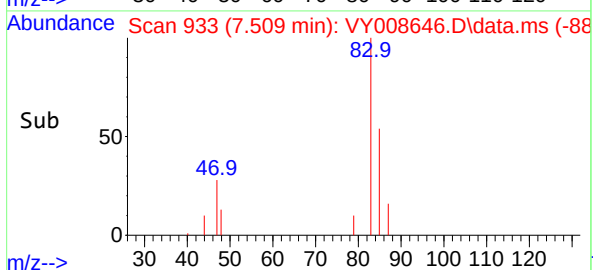
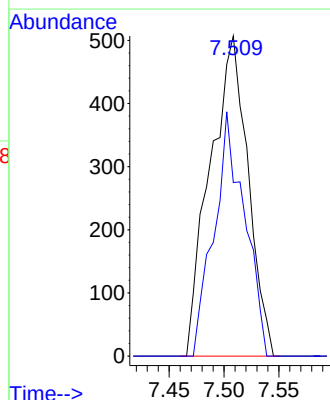
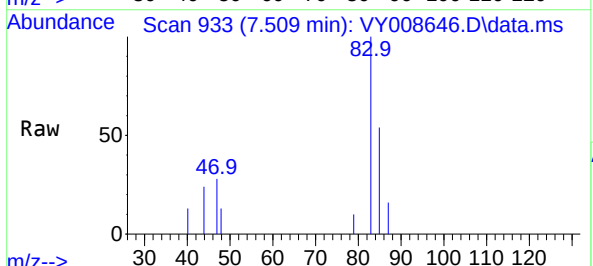
Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

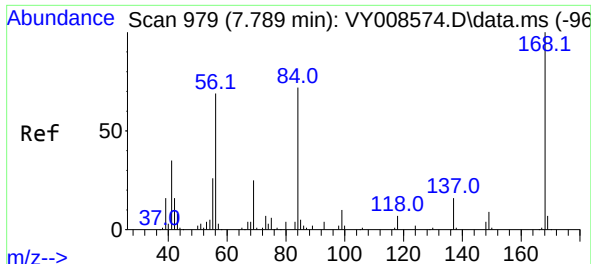
Tgt Ion:168 Resp: 54117
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#30
Chloroform
Concen: 1.099 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

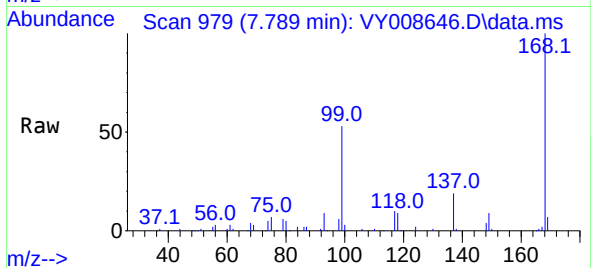
Tgt Ion: 83 Resp: 1218
Ion Ratio Lower Upper
83 100
85 54.2 51.8 77.6



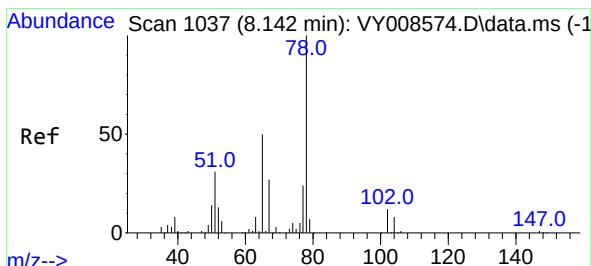
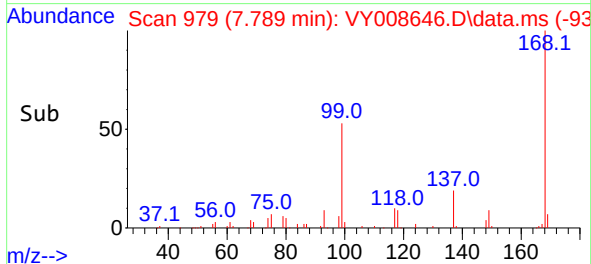
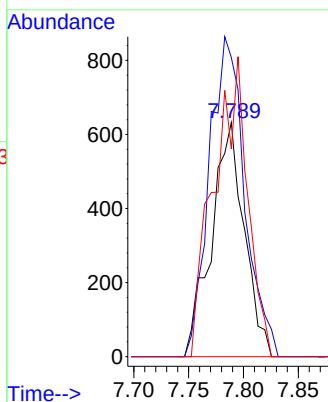


#31
Cyclohexane
Concen: 1.453 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

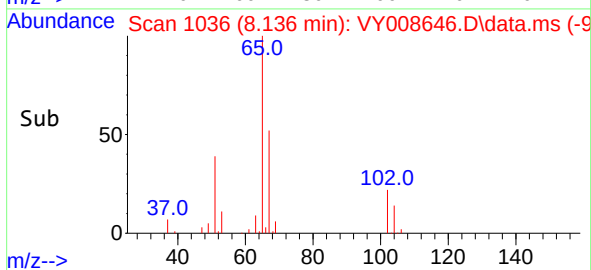
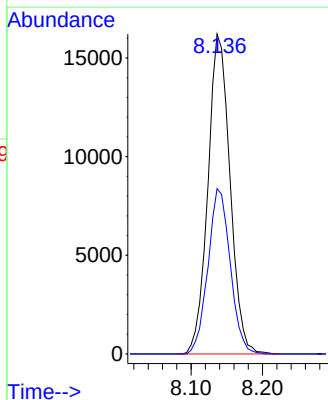
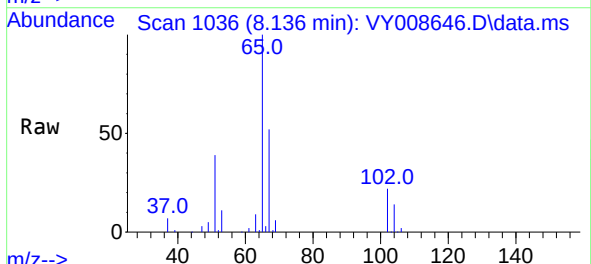


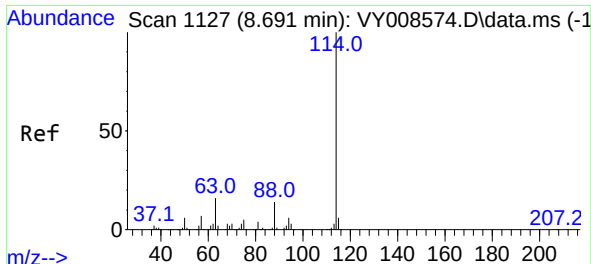
Tgt Ion: 56 Resp: 1319
Ion Ratio Lower Upper
56 100
69 127.8 26.7 40.1#
84 88.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 66.267 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion: 65 Resp: 34855
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4



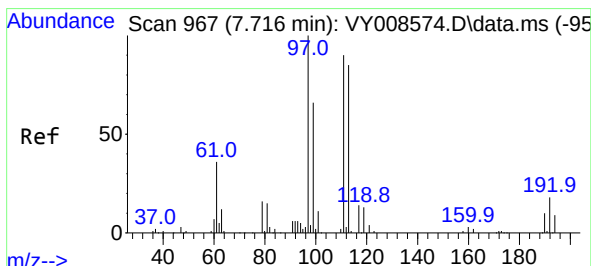
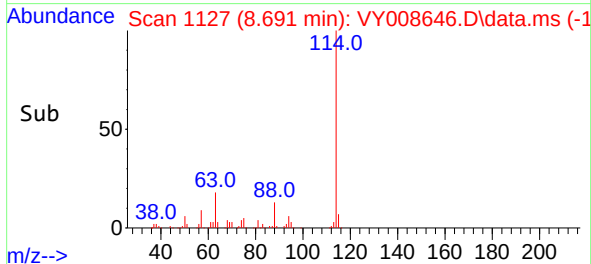
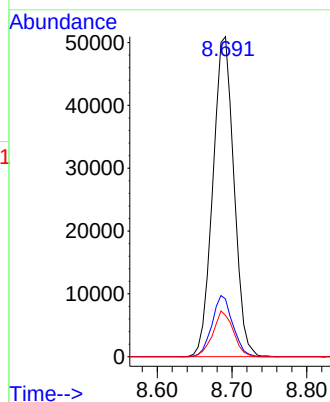
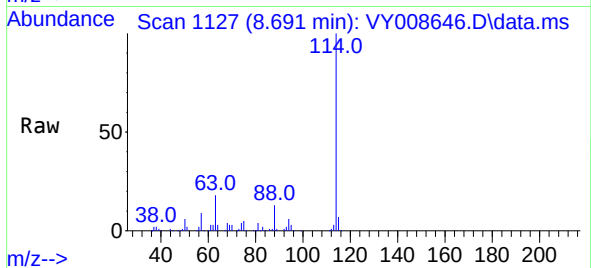


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

Tgt Ion:114 Resp: 100001

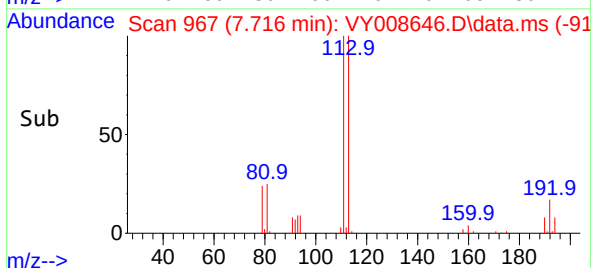
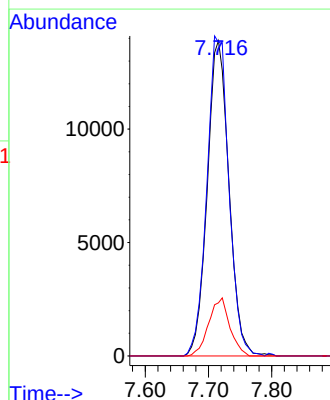
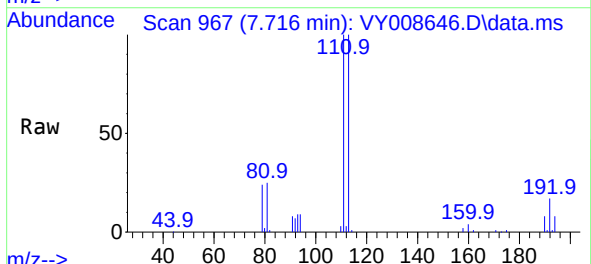
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	43.2
88	12.9	0.0	31.8

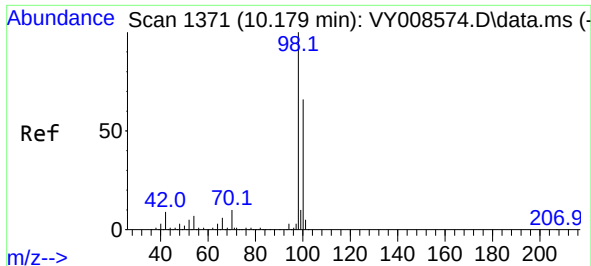


#35
Dibromofluoromethane
Concen: 50.031 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion:113 Resp: 33106

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	17.9	17.6	26.4

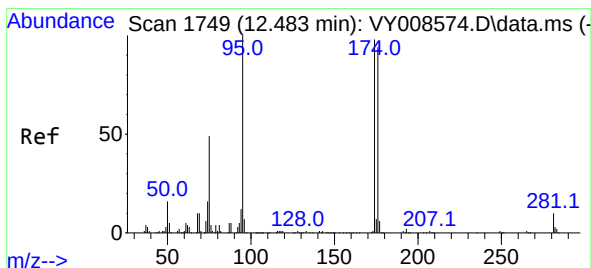
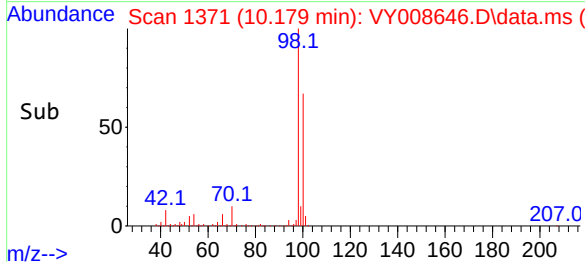
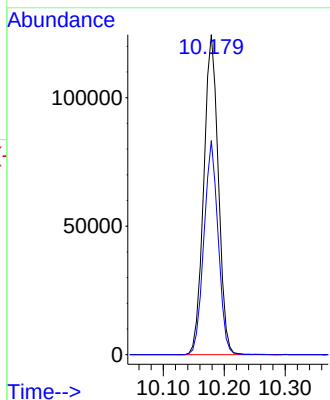
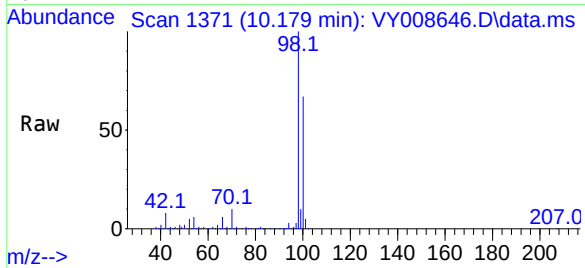




#50
Toluene-d8
Concen: 88.388 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

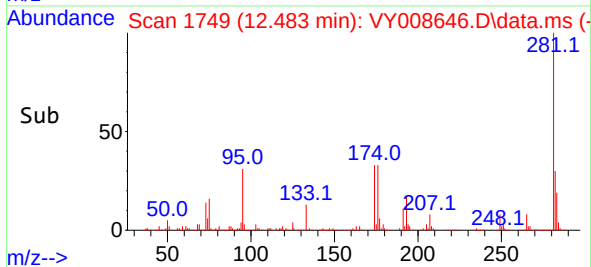
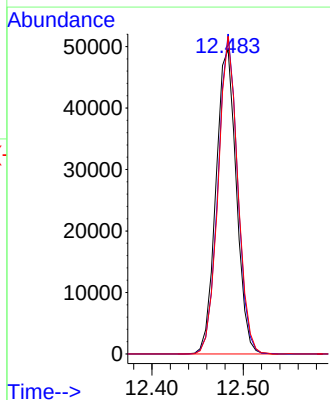
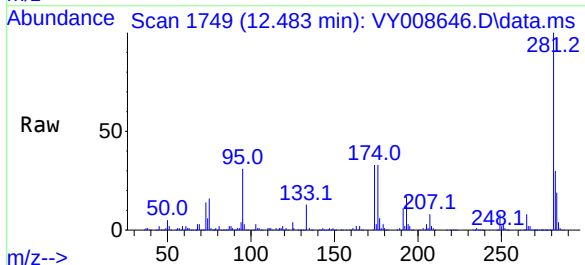
Instrument :
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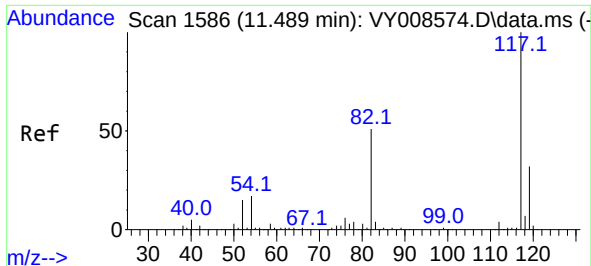
Tgt Ion: 98 Resp: 207207
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 89.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion: 95 Resp: 76874
Ion Ratio Lower Upper
95 100
174 100.2 0.0 177.0
176 99.9 0.0 175.8

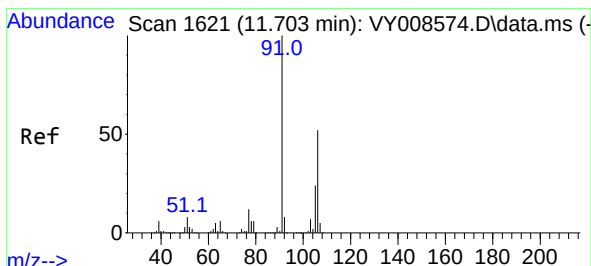
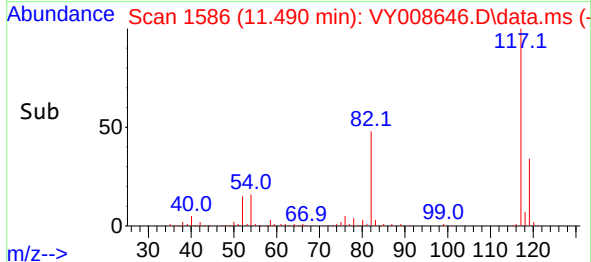
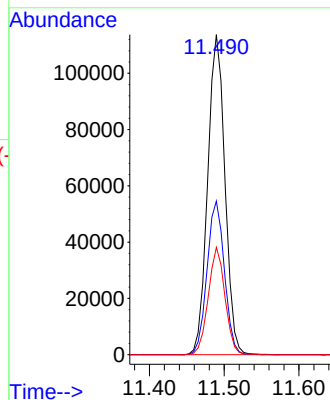
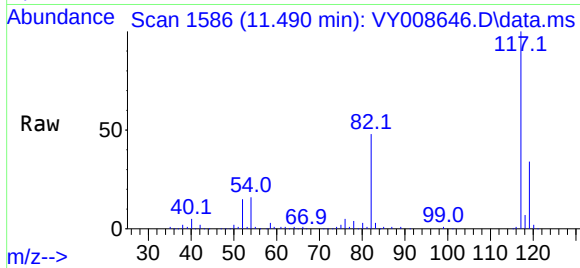




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

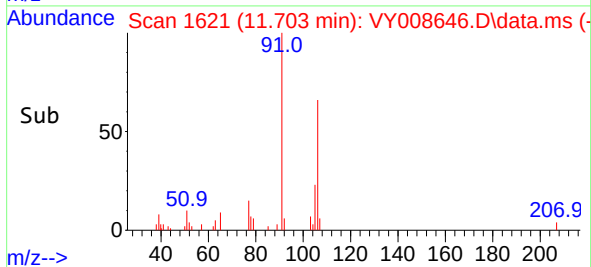
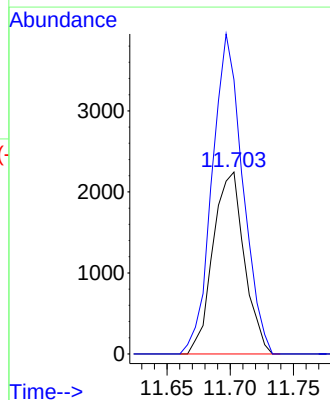
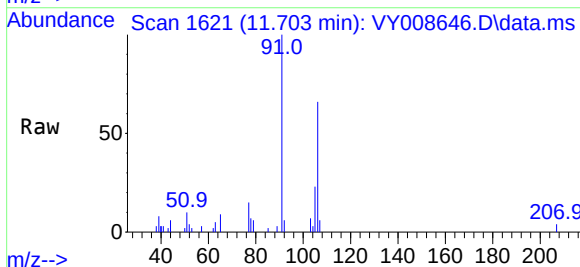
Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

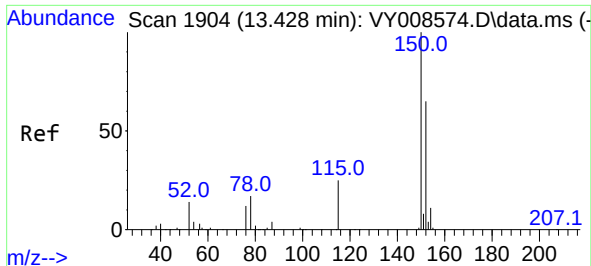
Tgt Ion:117 Resp: 182180
Ion Ratio Lower Upper
117 100
82 48.0 43.0 64.4
119 33.6 25.4 38.0



#68
m/p-Xylenes
Concen: 1.282 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

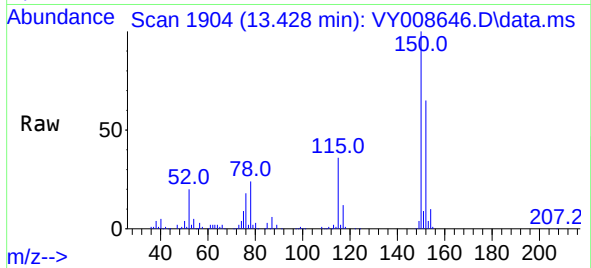
Tgt Ion:106 Resp: 3866
Ion Ratio Lower Upper
106 100
91 172.0 166.6 249.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008646.D
 Acq: 05 May 2022 05:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11,15



Tgt Ion:152 Resp: 47346
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 157.8 0.0 347.6

