

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008112.D
 Acq On : 30 Mar 2022 15:41
 Operator : SY/MD
 Sample : N2155-07RE
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-GRE

Quant Time: Apr 11 11:13:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 15:45:35 2022
 Response via : Initial Calibration

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

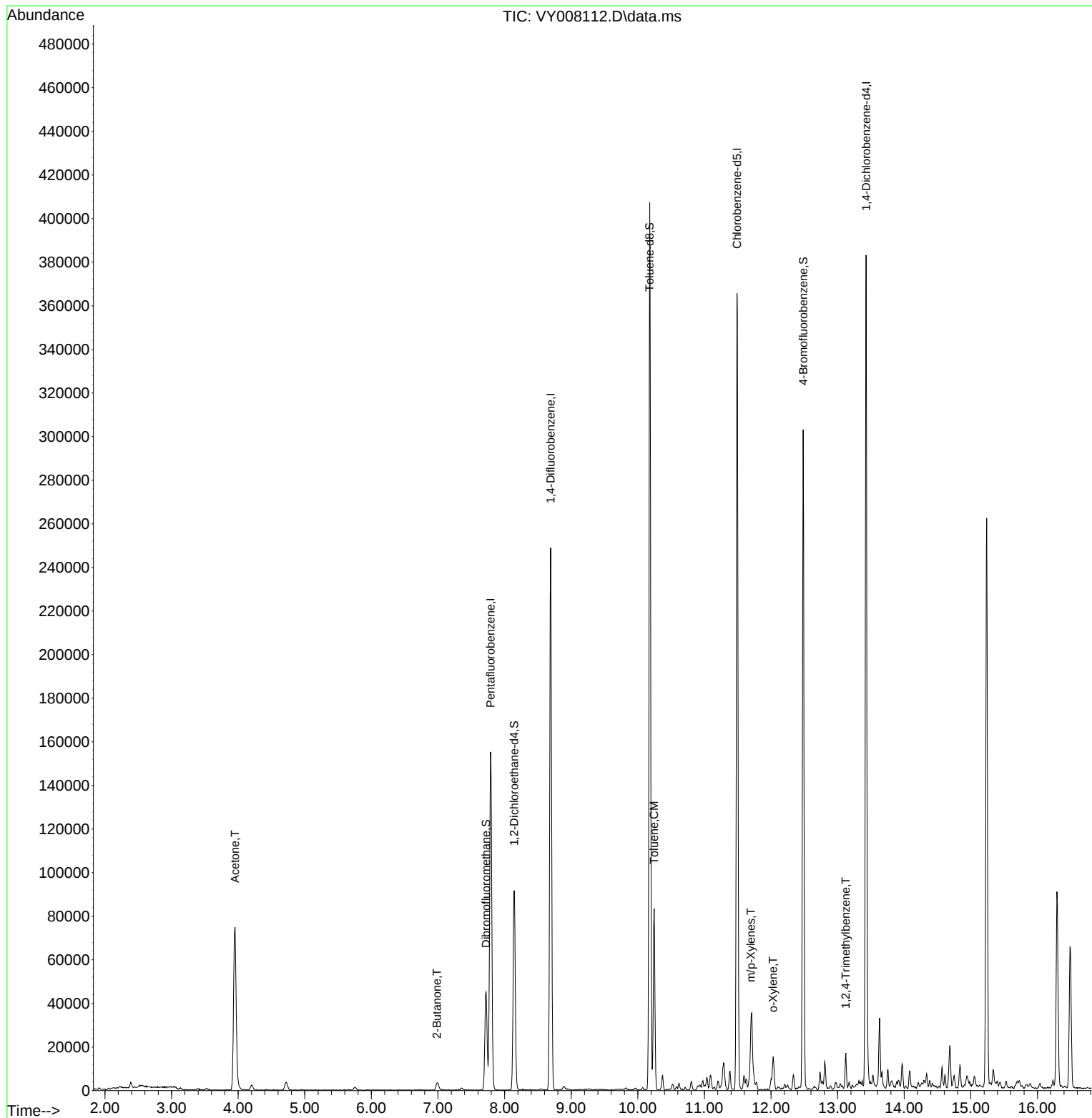
Internal Standards						
1) Pentafluorobenzene	7.789	168	122061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71285	58.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.420%	
35) Dibromofluoromethane	7.722	113	32846	23.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 47.160%#	
50) Toluene-d8	10.179	98	270324	51.512	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	12.483	95	95052	51.340	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	130765	467.156	ug/l #	86
25) 2-Butanone	6.984	43	5625	13.205	ug/l #	82
52) Toluene	10.246	92	34793	8.477	ug/l	97
68) m/p-Xylenes	11.697	106	7316	2.218	ug/l	99
69) o-Xylene	12.032	106	3443	1.090	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	8766	1.377	ug/l	100

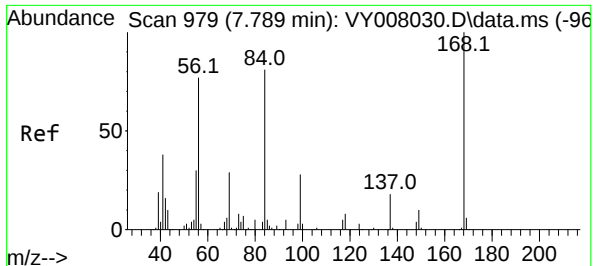
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
Data File : VY008112.D
Acq On : 30 Mar 2022 15:41
Operator : SY/MD
Sample : N2155-07RE
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

Quant Time: Apr 11 11:13:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 15:45:35 2022
Response via : Initial Calibration

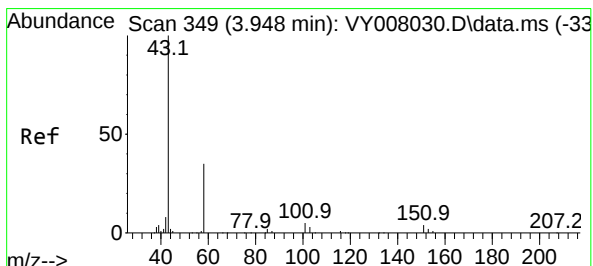
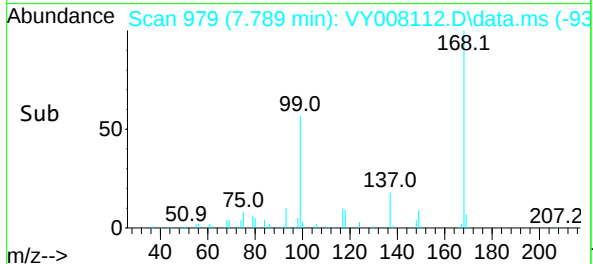
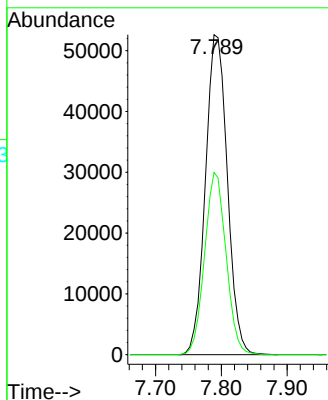
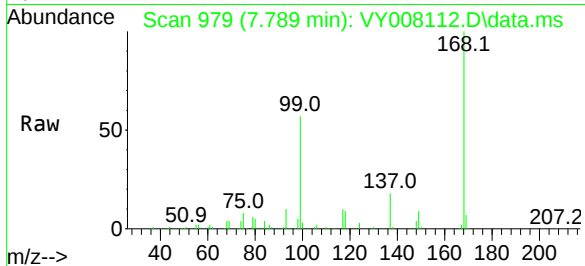




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

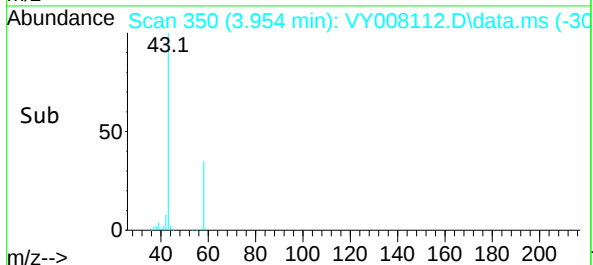
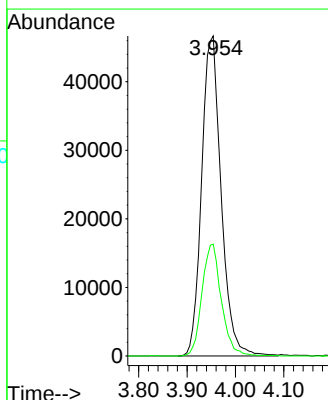
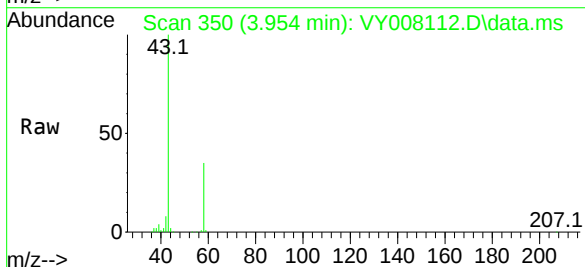
Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

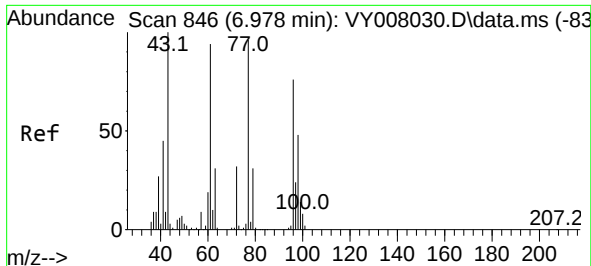
Tgt Ion:168 Resp: 122061
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#16
Acetone
Concen: 467.156 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

Tgt Ion: 43 Resp: 130765
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#





#25

2-Butanone

Concen: 13.205 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY008112.D

Acq: 30 Mar 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

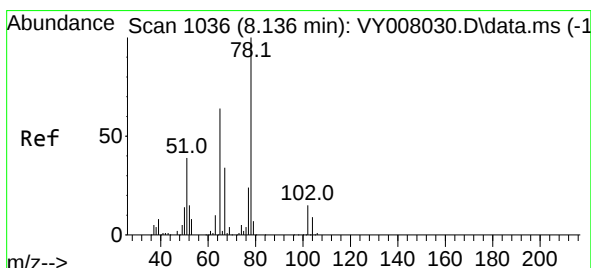
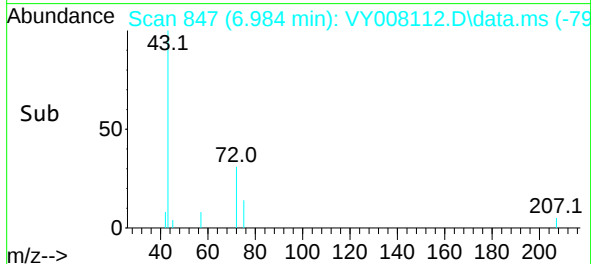
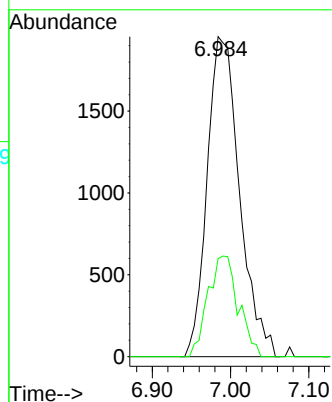
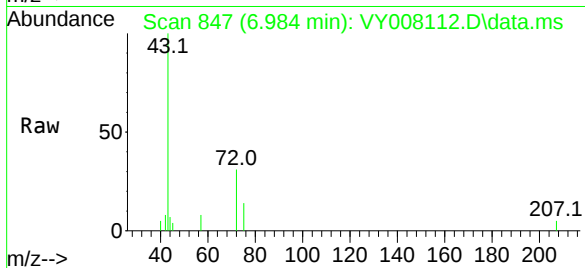
22L076-GRE

Tgt Ion: 43 Resp: 5625

Ion Ratio Lower Upper

43 100

72 30.6 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 58.209 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY008112.D

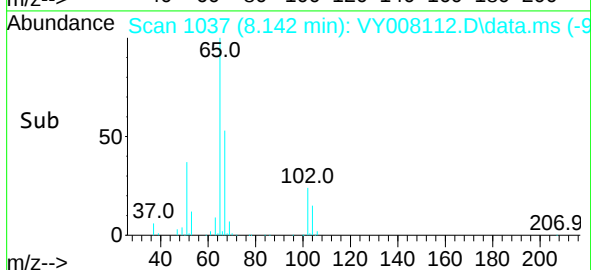
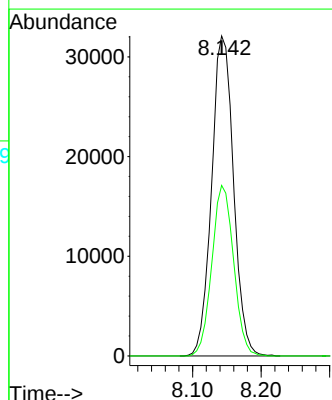
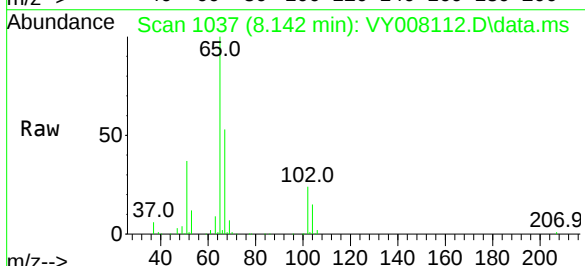
Acq: 30 Mar 2022 15:41

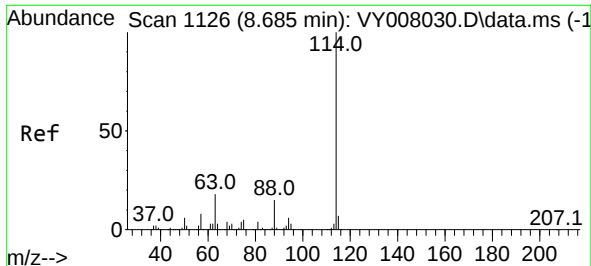
Tgt Ion: 65 Resp: 71285

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4

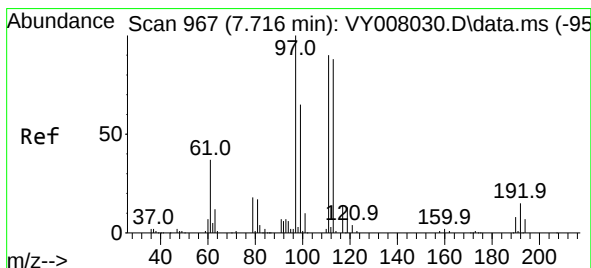
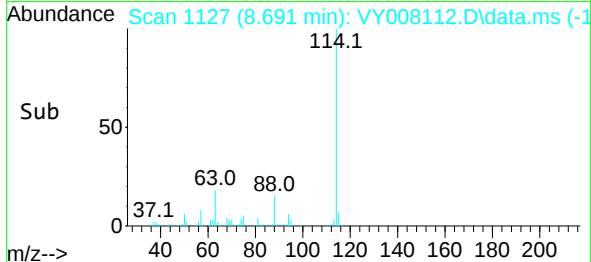
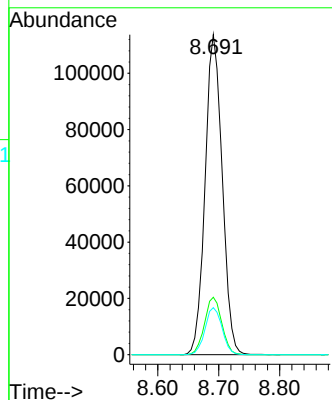
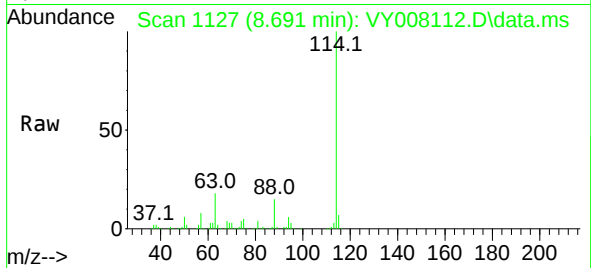




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

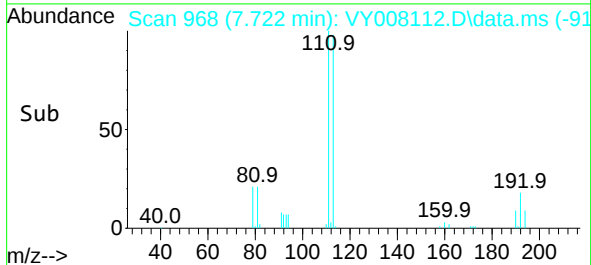
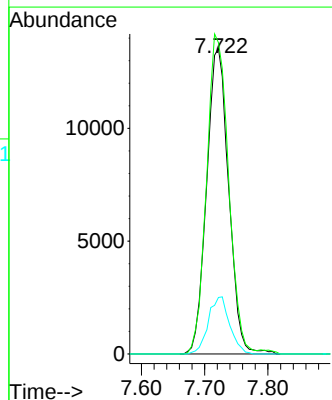
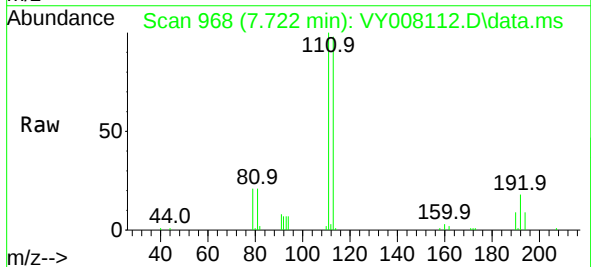
Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

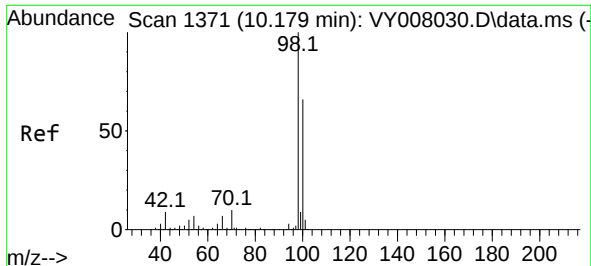
Tgt Ion:114 Resp: 222164
Ion Ratio Lower Upper
114 100
63 18.0 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 23.581 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

Tgt Ion:113 Resp: 32846
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 18.1 17.6 26.4

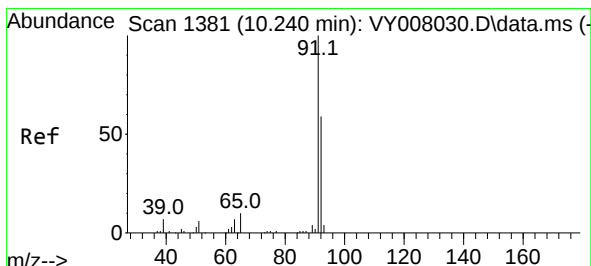
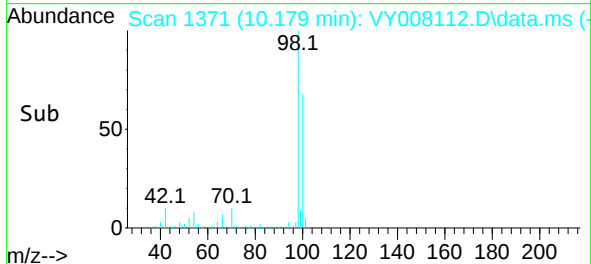
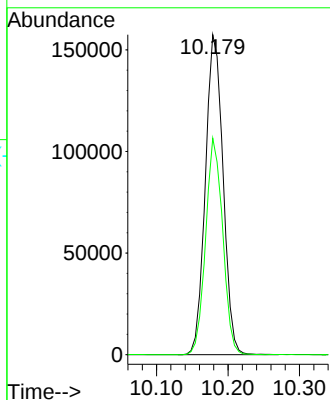
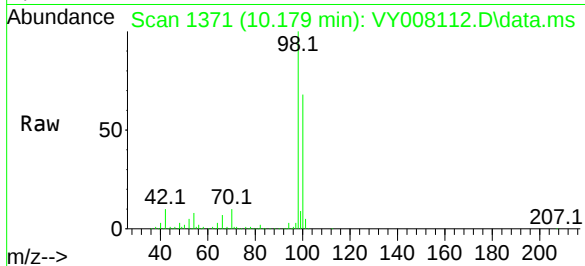




#50
Toluene-d8
Concen: 51.512 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

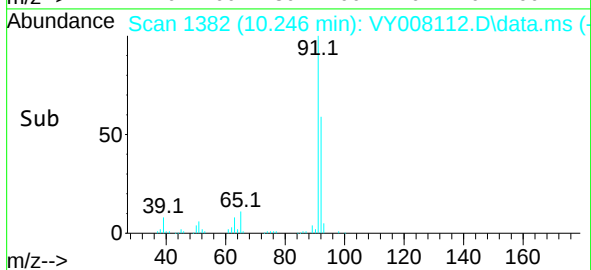
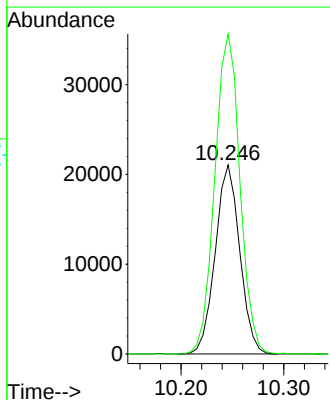
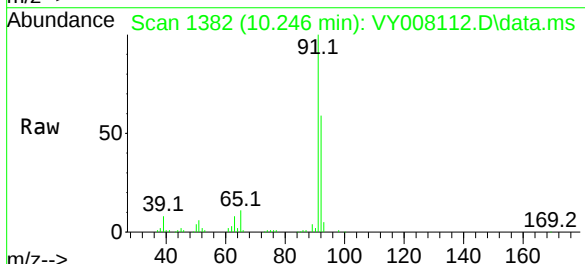
Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

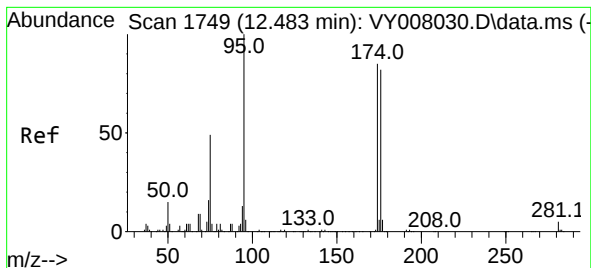
Tgt Ion: 98 Resp: 270324
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#52
Toluene
Concen: 8.477 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

Tgt Ion: 92 Resp: 34793
Ion Ratio Lower Upper
92 100
91 173.9 142.6 213.8

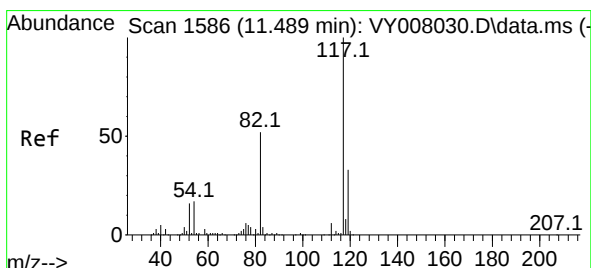
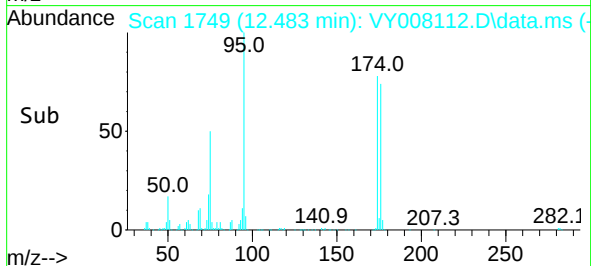
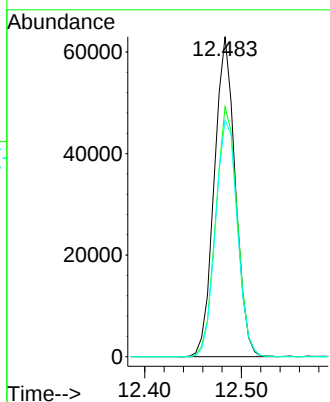
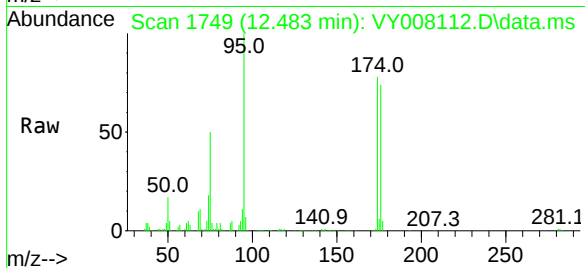




#62
4-Bromofluorobenzene
Concen: 51.340 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

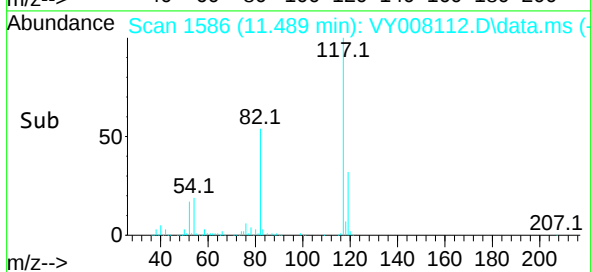
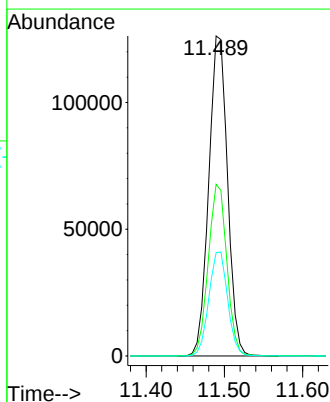
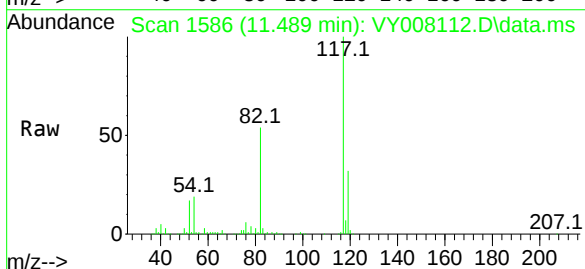
Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

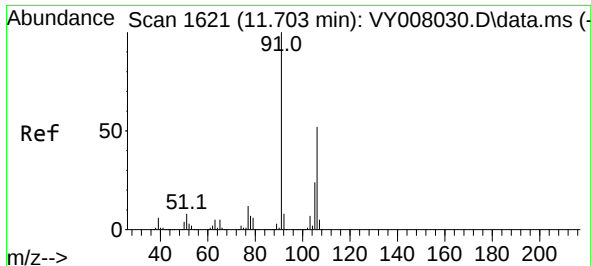
Tgt Ion: 95 Resp: 95052
Ion Ratio Lower Upper
95 100
174 80.4 0.0 177.0
176 76.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

Tgt Ion: 117 Resp: 209857
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.3 25.4 38.0

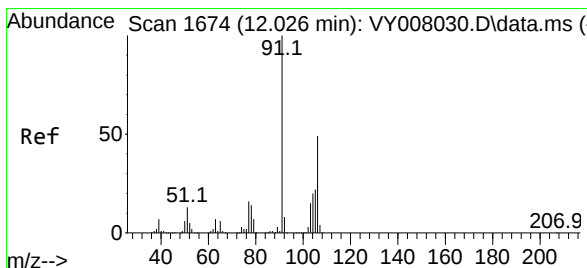
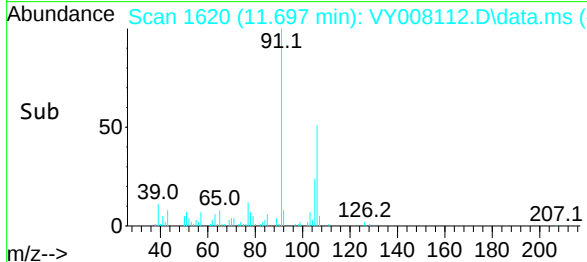
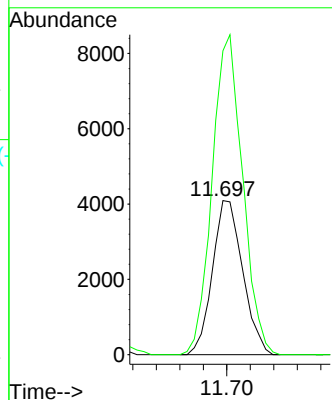
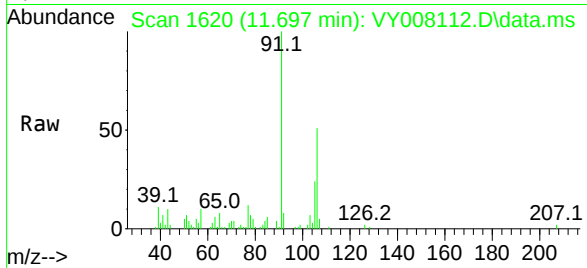




#68
m/p-Xylenes
Concen: 2.218 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

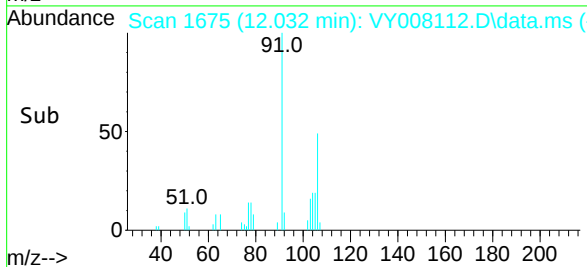
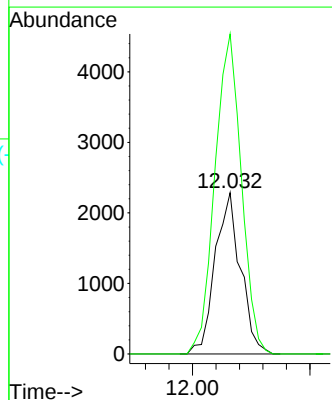
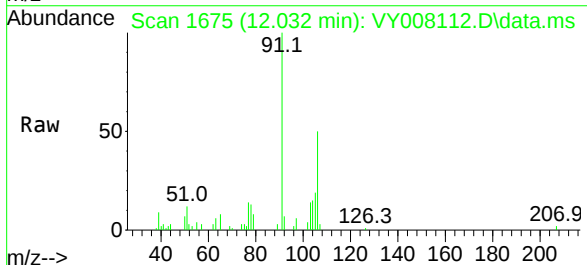
Instrument :
MSVOA_Y
ClientSampleId :
22L076-GRE

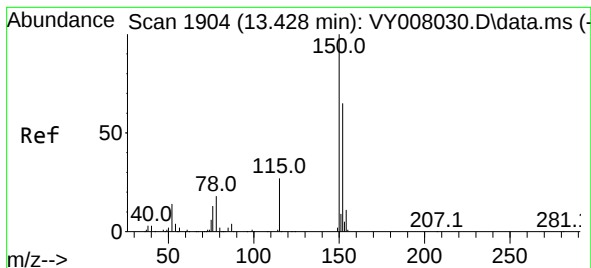
Tgt Ion:106 Resp: 7316
Ion Ratio Lower Upper
106 100
91 209.0 166.6 249.8



#69
o-Xylene
Concen: 1.090 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008112.D
Acq: 30 Mar 2022 15:41

Tgt Ion:106 Resp: 3443
Ion Ratio Lower Upper
106 100
91 206.4 110.3 331.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008112.D

Acq: 30 Mar 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

22L076-GRE

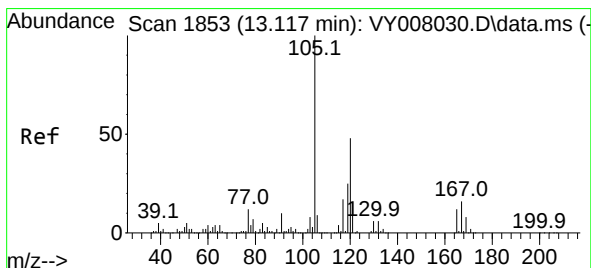
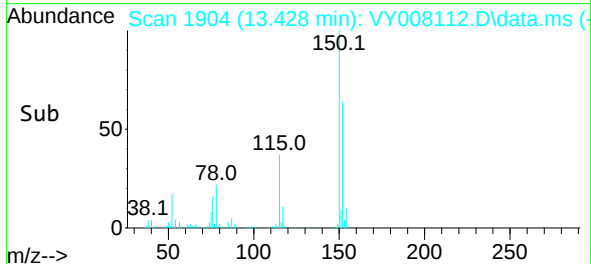
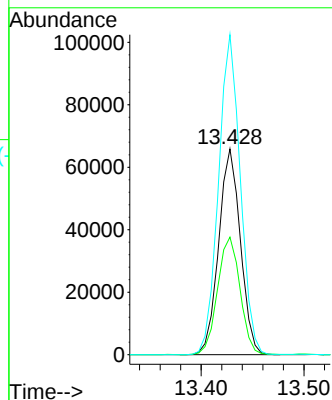
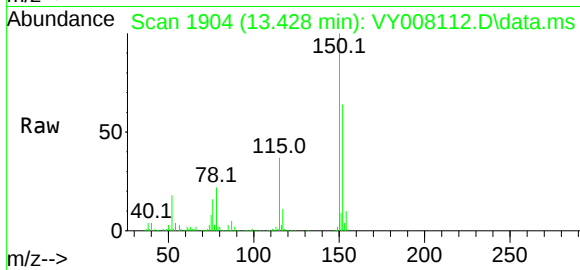
Tgt Ion:152 Resp: 96668

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 155.9 0.0 347.6



#84

1,2,4-Trimethylbenzene

Concen: 1.377 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY008112.D

Acq: 30 Mar 2022 15:41

Tgt Ion:105 Resp: 8766

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9

