

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010494.D
 Acq On : 14 Sep 2022 19:07
 Operator : KP/MD
 Sample : N4588-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 40152

Quant Time: Sep 15 01:11:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

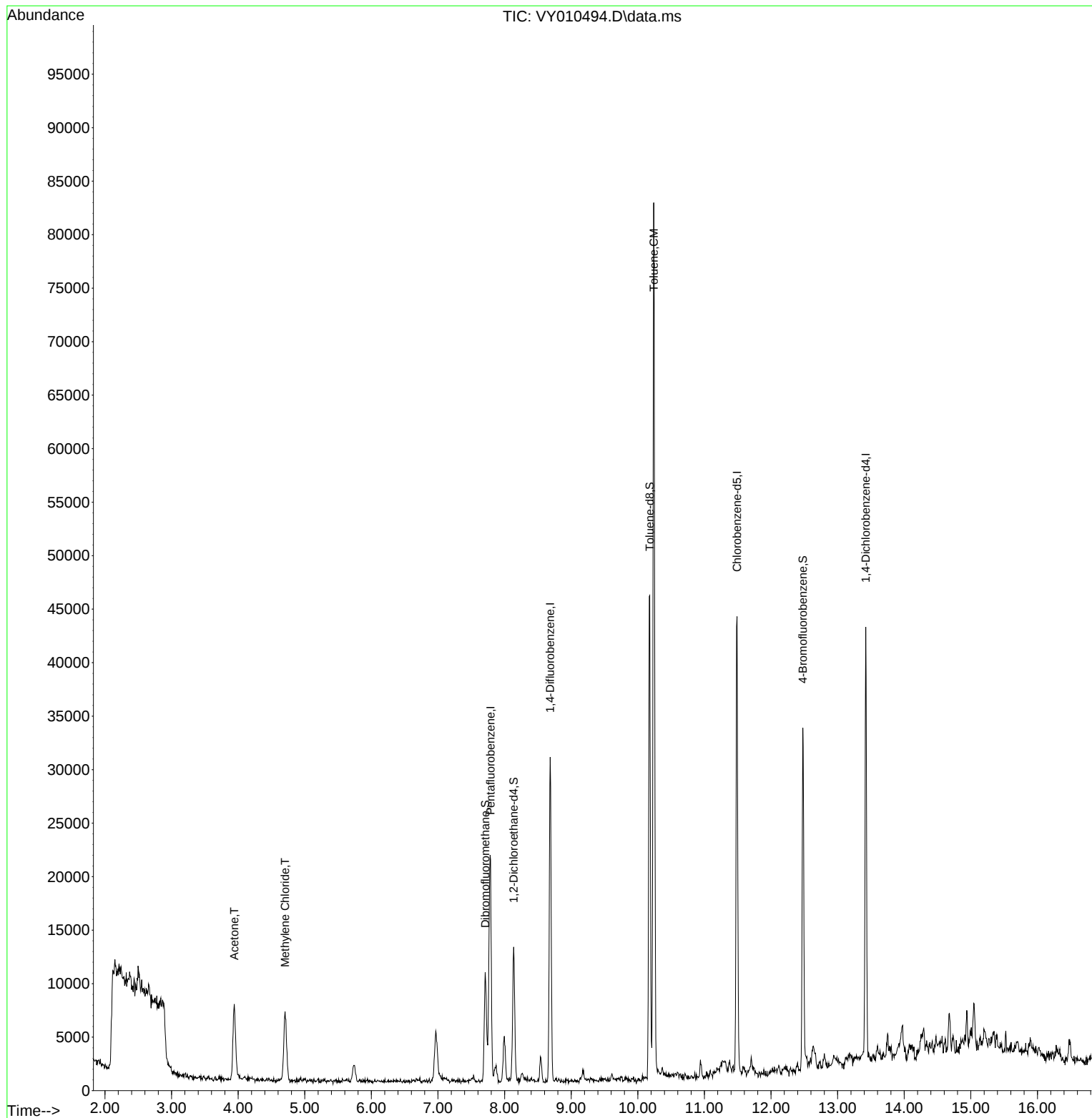
Internal Standards						
1) Pentafluorobenzene	7.789	168	16587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	26074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	9451	56.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.140%
35) Dibromofluoromethane	7.710	113	7164	38.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.380%
50) Toluene-d8	10.179	98	30792	51.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.477	95	9727	39.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.220%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	12917	336.922	ug/l #	82
20) Methylene Chloride	4.704	84	4663	21.154	ug/l #	74
52) Toluene	10.240	92	35020	73.331	ug/l	96

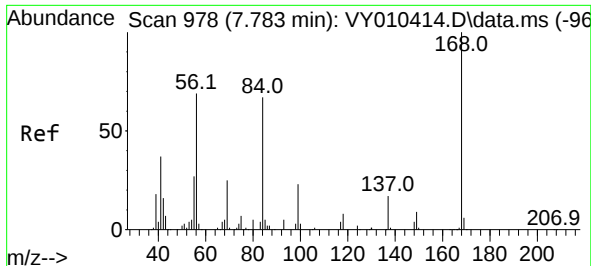
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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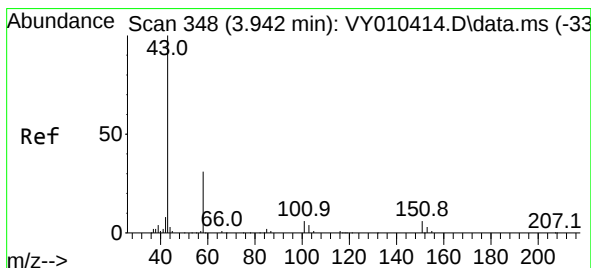
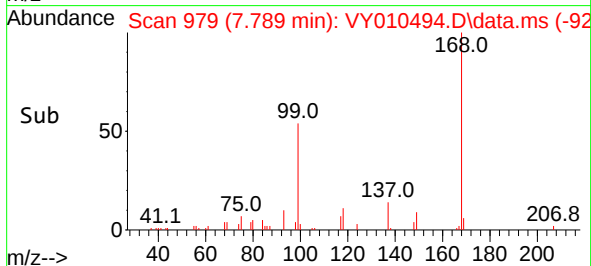
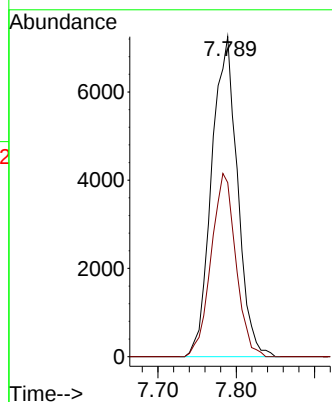
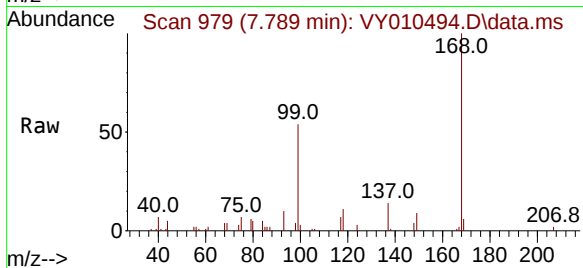




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010494.D
Acq: 14 Sep 2022 19:07

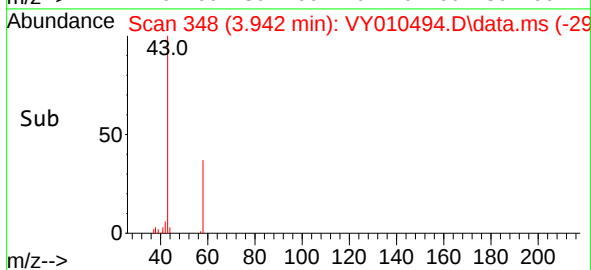
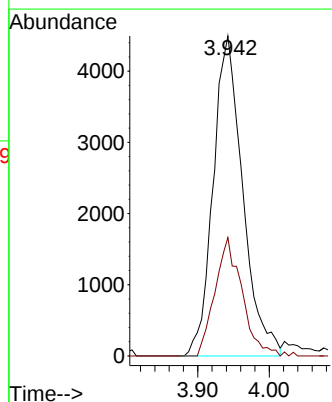
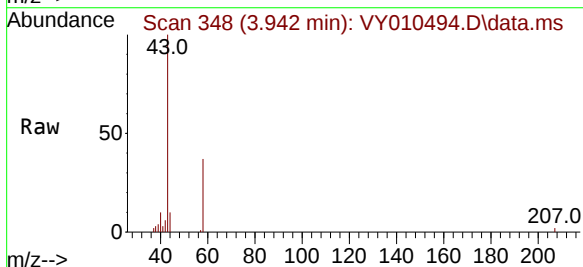
Instrument :
MSVOA_Y
ClientSampleId :
40152

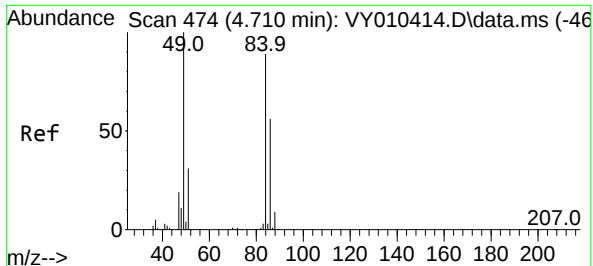
Tgt Ion:168 Resp: 16587
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 336.922 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010494.D
Acq: 14 Sep 2022 19:07

Tgt Ion: 43 Resp: 12917
Ion Ratio Lower Upper
43 100
58 37.0 22.0 33.0#

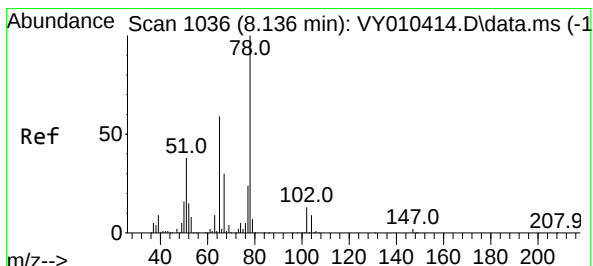
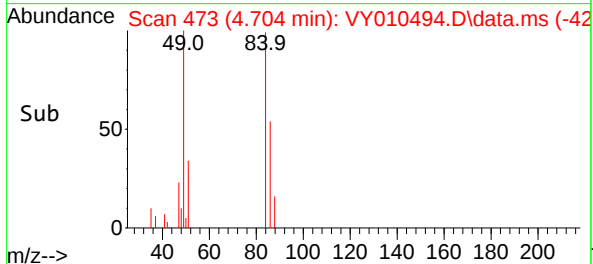
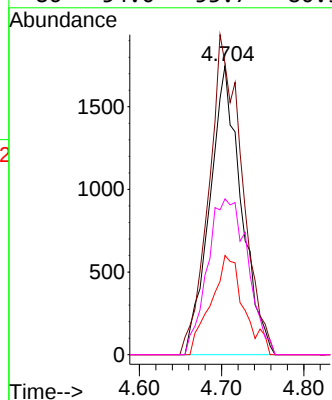
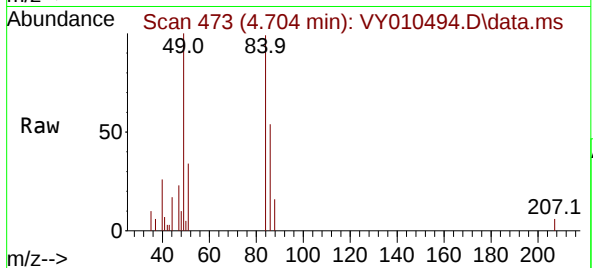




#20
Methylene Chloride
Concen: 21.154 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010494.D
Acq: 14 Sep 2022 19:07

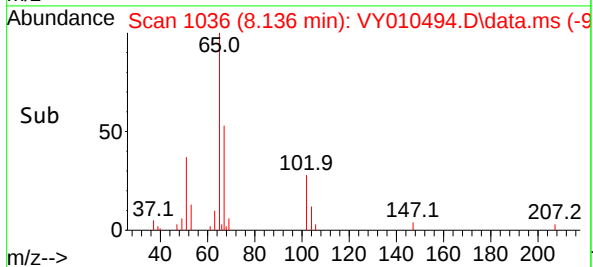
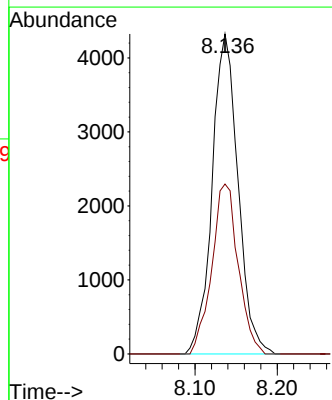
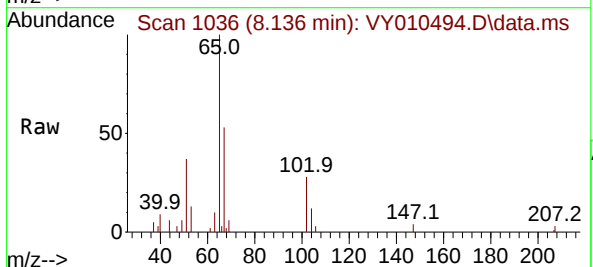
Instrument :
MSVOA_Y
ClientSampleId :
40152

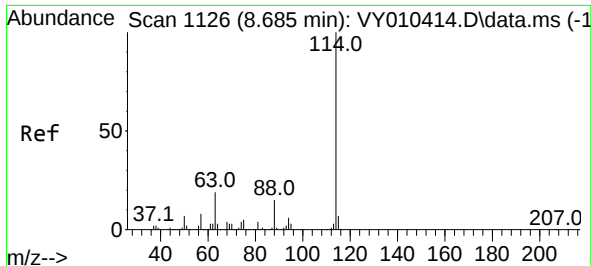
Tgt Ion: 84 Resp: 4663
Ion Ratio Lower Upper
84 100
49 100.9 114.4 171.6#
51 34.3 35.3 52.9#
86 54.0 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 56.573 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010494.D
Acq: 14 Sep 2022 19:07

Tgt Ion: 65 Resp: 9451
Ion Ratio Lower Upper
65 100
67 54.2 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: VY010494.D

Acq: 14 Sep 2022 19:07

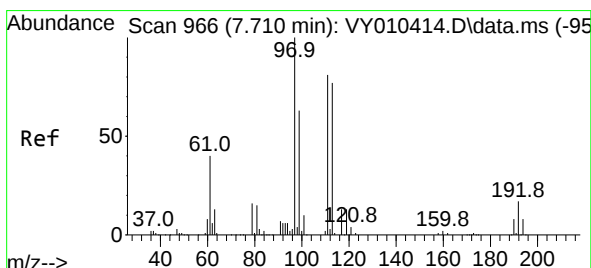
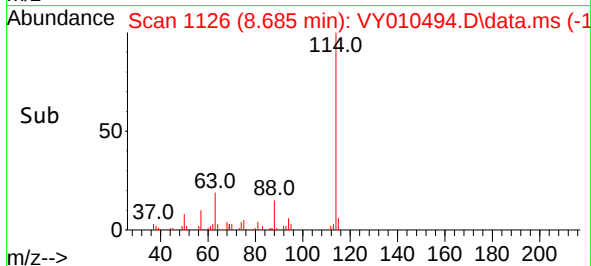
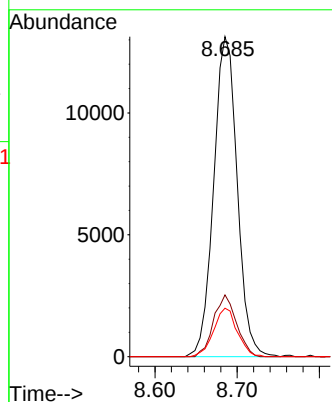
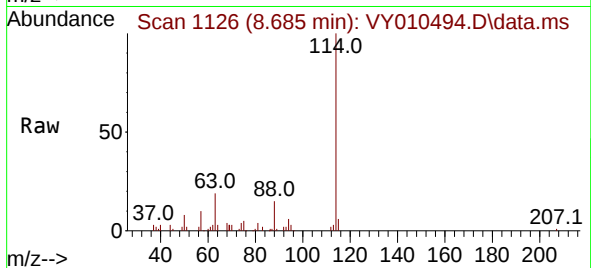
Instrument :

MSVOA_Y

ClientSampleId :

40152

Tgt Ion:114	Resp:	26074
Ion	Ratio	Lower Upper
114	100	
63	19.3	0.0 43.2
88	15.1	0.0 31.8



#35

Dibromofluoromethane

Concen: 38.687 ug/l

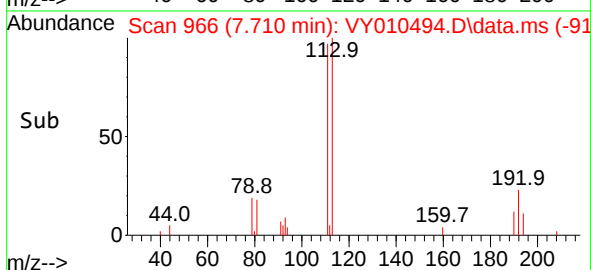
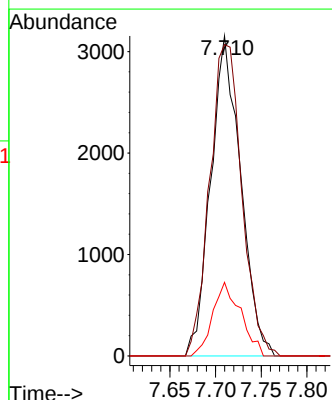
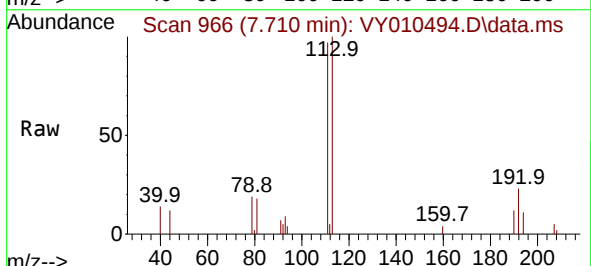
RT: 7.710 min Scan# 966

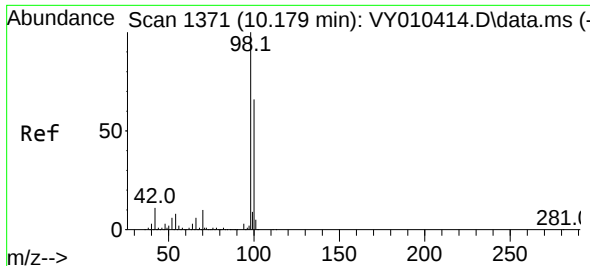
Delta R.T. -0.000 min

Lab File: VY010494.D

Acq: 14 Sep 2022 19:07

Tgt Ion:113	Resp:	7164
Ion	Ratio	Lower Upper
113	100	
111	104.6	82.6 124.0
192	21.5	17.6 26.4

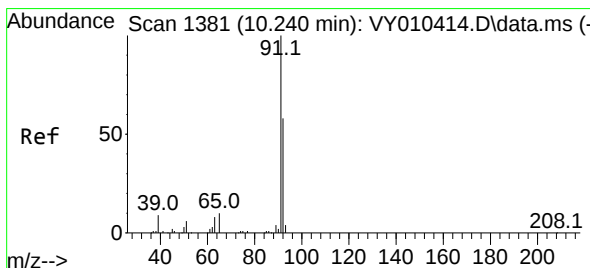
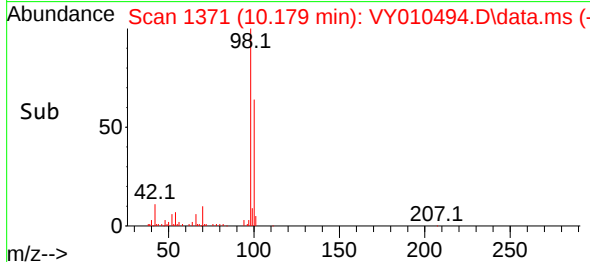
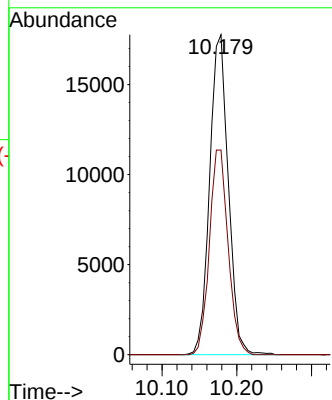
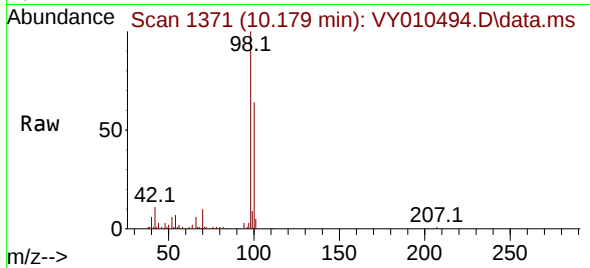




#50
Toluene-d8
Concen: 51.307 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010494.D
Acq: 14 Sep 2022 19:07

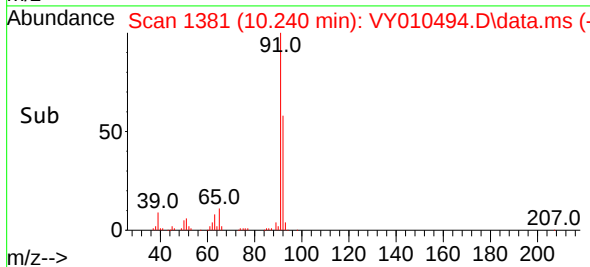
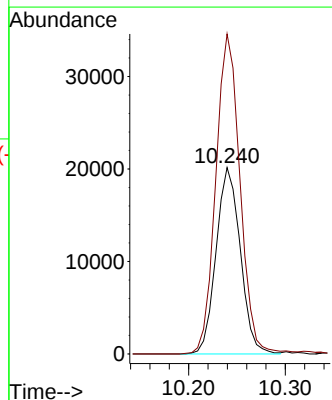
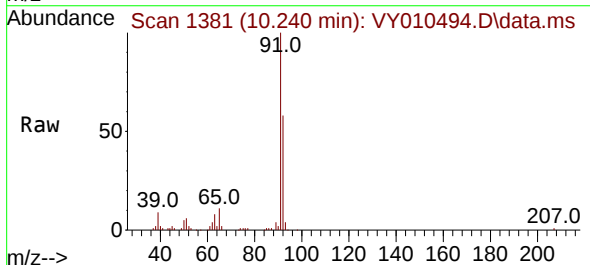
Instrument :
MSVOA_Y
ClientSampleId :
40152

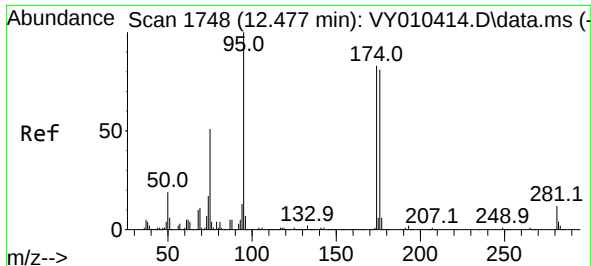
Tgt Ion: 98 Resp: 30792
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#52
Toluene
Concen: 73.331 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010494.D
Acq: 14 Sep 2022 19:07

Tgt Ion: 92 Resp: 35020
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8





#62

4-Bromofluorobenzene

Concen: 39.610 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010494.D

Acq: 14 Sep 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :

40152

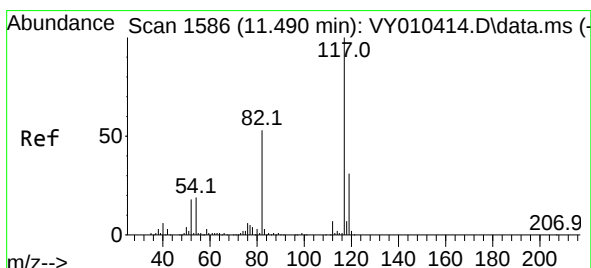
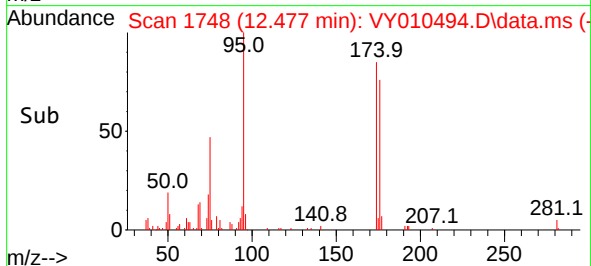
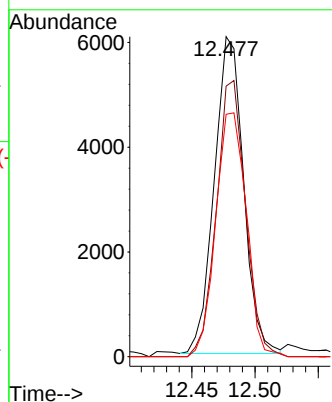
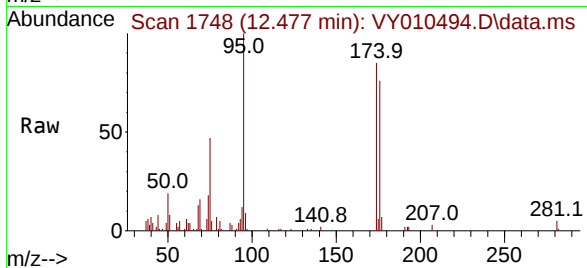
Tgt Ion: 95 Resp: 9727

Ion Ratio Lower Upper

95 100

174 86.7 0.0 177.0

176 80.6 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: VY010494.D

Acq: 14 Sep 2022 19:07

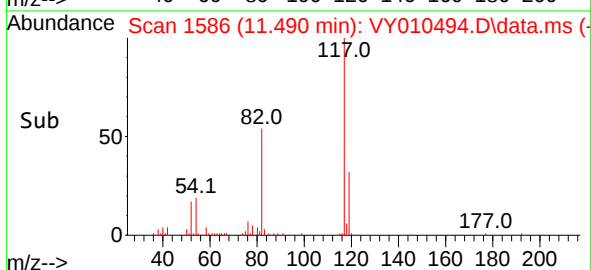
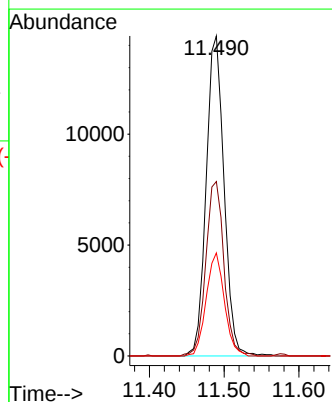
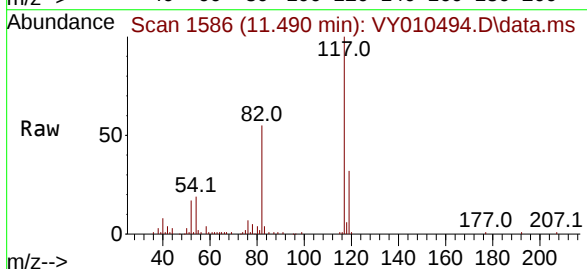
Tgt Ion: 117 Resp: 23917

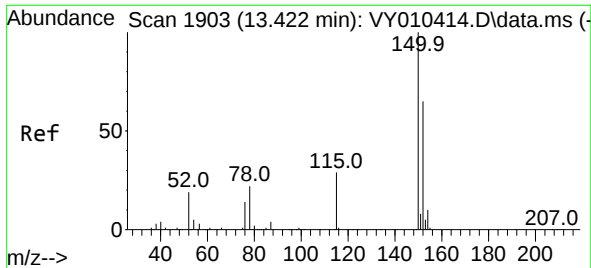
Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.4

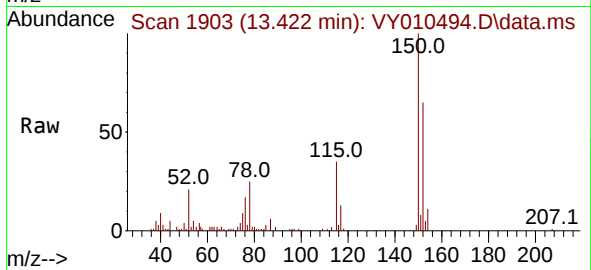
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010494.D
 Acq: 14 Sep 2022 19:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 40152



Tgt Ion:152 Resp: 10348
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.2 84.7
 150 153.3 0.0 347.6

