

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008192.D
 Acq On : 04 Apr 2022 19:46
 Operator : SY/MD
 Sample : N2237-04
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A12015

Quant Time: Apr 05 04:43:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

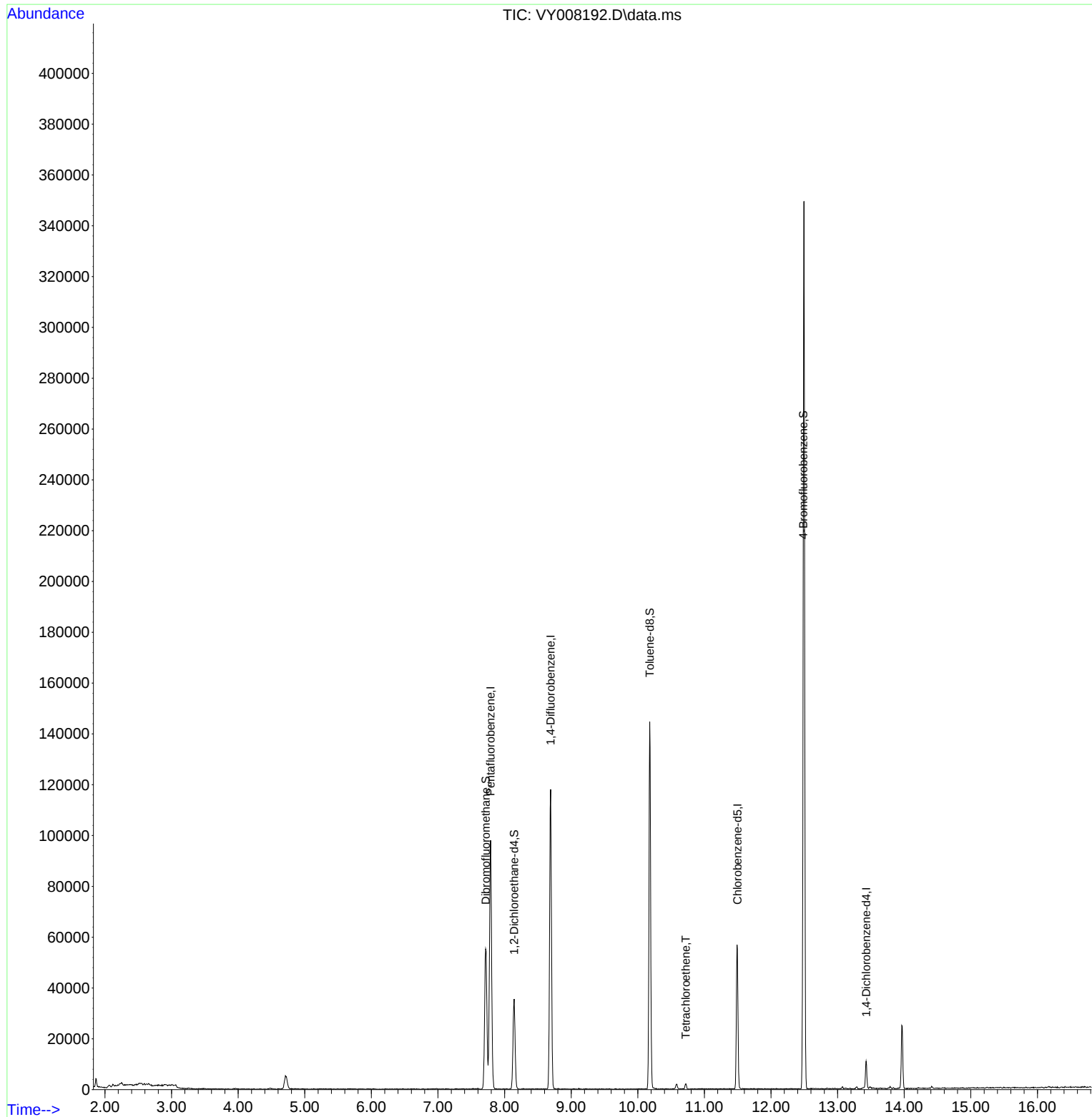
Internal Standards						
1) Pentafluorobenzene	7.789	168	76115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	33293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	26796	35.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.180%
35) Dibromofluoromethane	7.716	113	40271	60.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.900%
50) Toluene-d8	10.179	98	98151	39.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.860%
62) 4-Bromofluorobenzene	12.483	95	5526	6.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	12.580%#
Target Compounds						
					Qvalue	
64) Tetrachloroethene	10.721	164	458	1.791	ug/l #	86

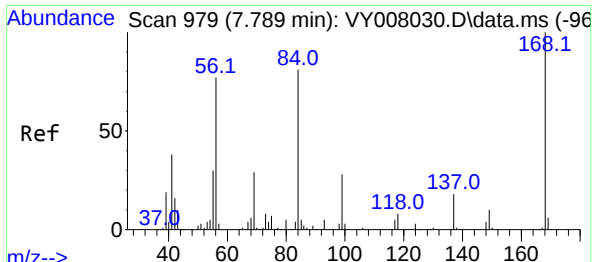
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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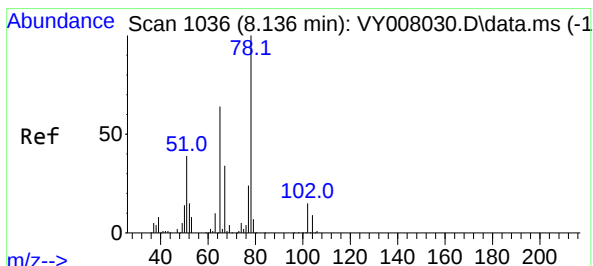
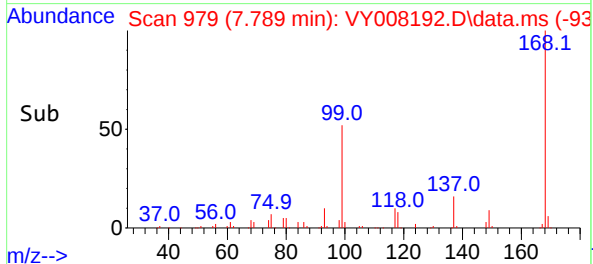
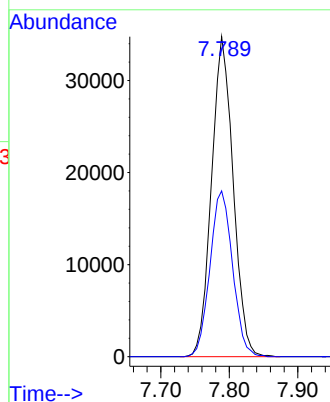
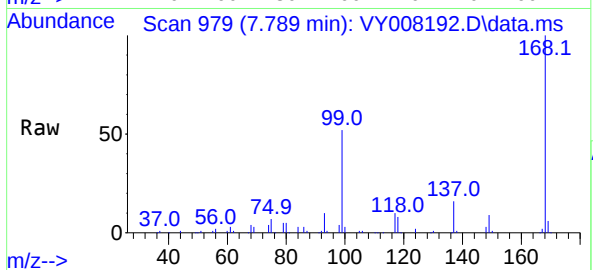




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

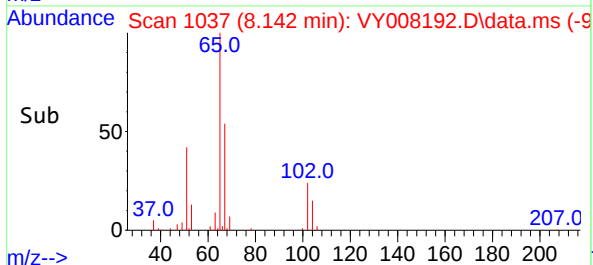
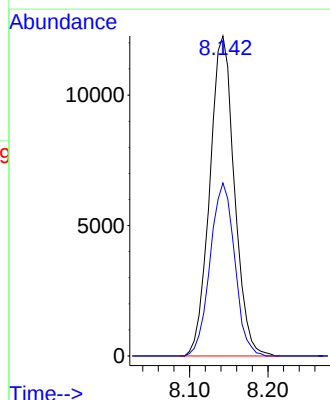
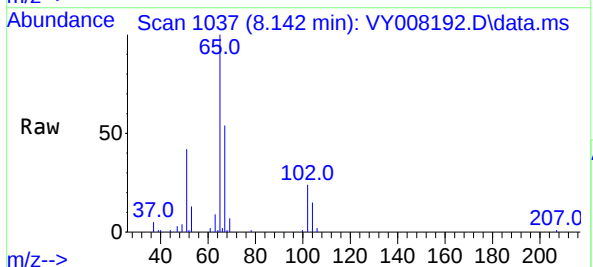
Instrument :
MSVOA_Y
ClientSampleId :
A12015

Tgt Ion:168 Resp: 76115
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 35.089 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Tgt Ion: 65 Resp: 26796
Ion Ratio Lower Upper
65 100
67 53.9 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: VY008192.D

Acq: 04 Apr 2022 19:46

Instrument :

MSVOA_Y

ClientSampleId :

A12015

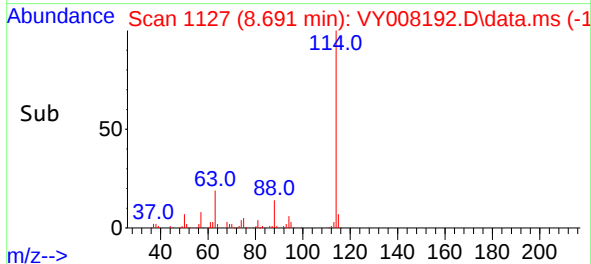
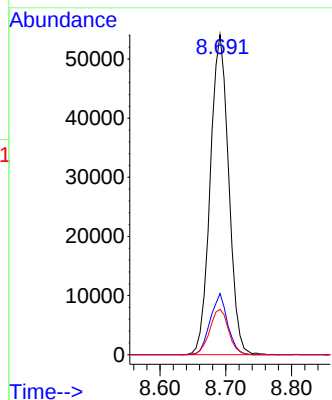
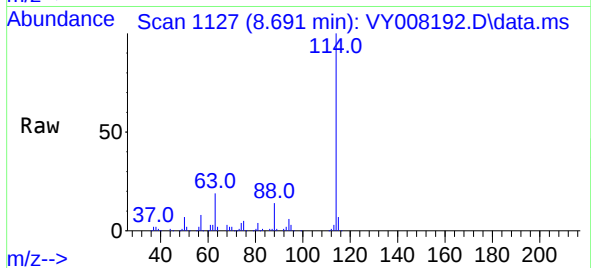
Tgt Ion:114 Resp: 105378

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.953 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008192.D

Acq: 04 Apr 2022 19:46

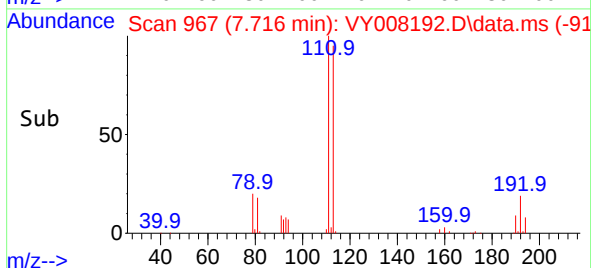
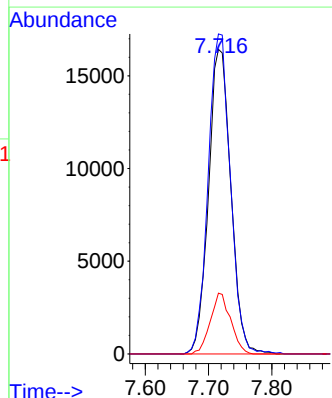
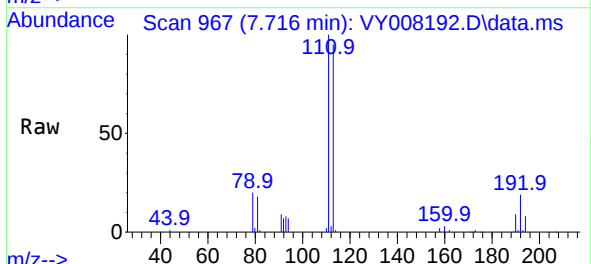
Tgt Ion:113 Resp: 40271

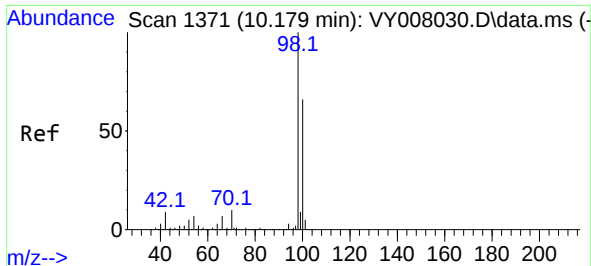
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 18.2 17.6 26.4

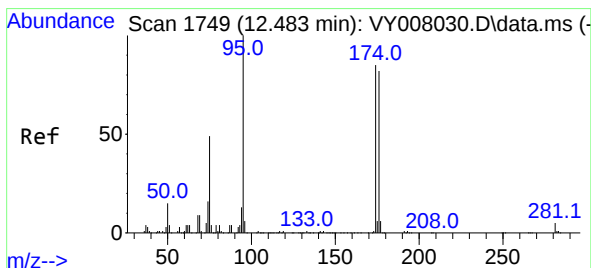
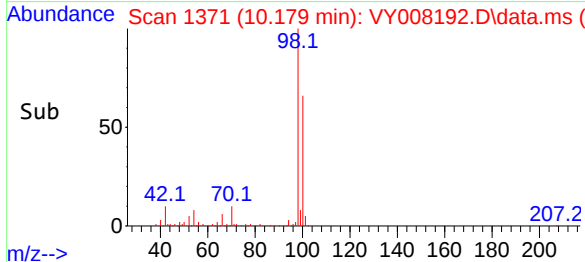
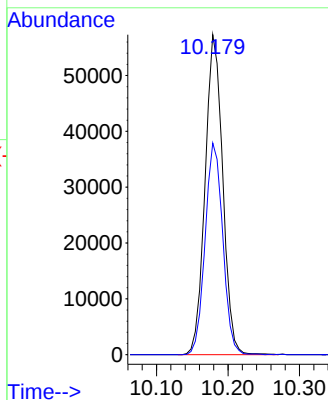
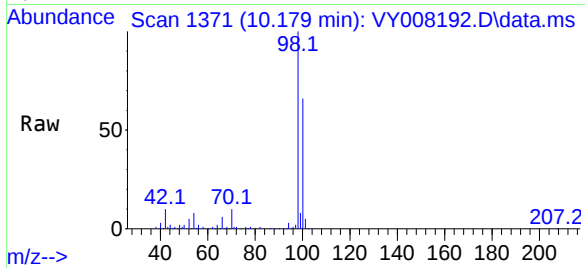




#50
Toluene-d8
Concen: 39.431 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

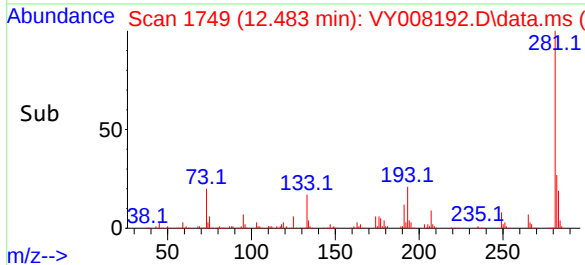
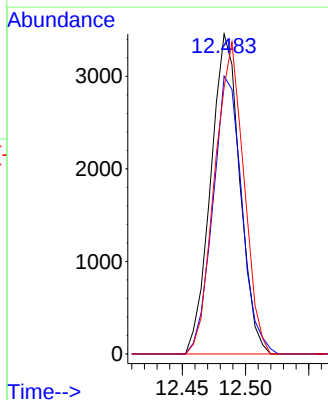
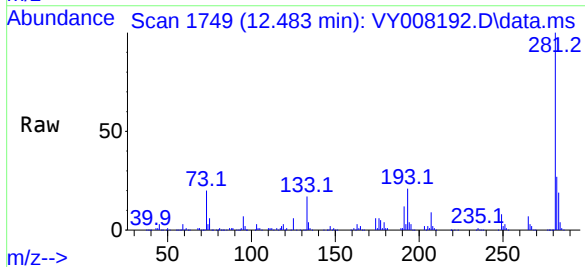
Instrument :
MSVOA_Y
ClientSampleId :
A12015

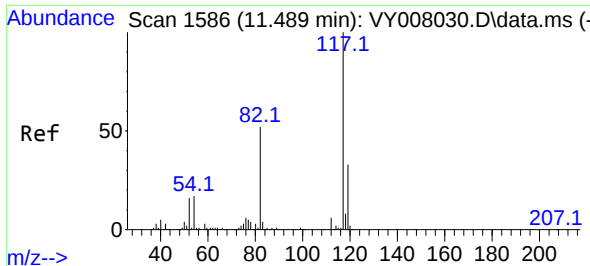
Tgt Ion: 98 Resp: 98151
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 6.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

Tgt Ion: 95 Resp: 5526
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 97.7 0.0 175.8

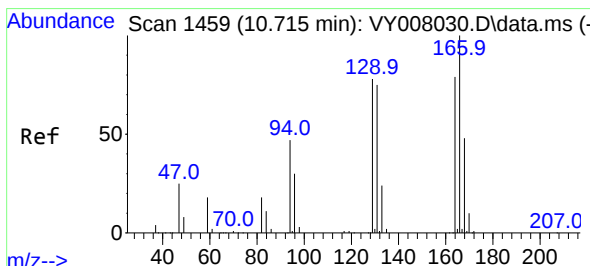
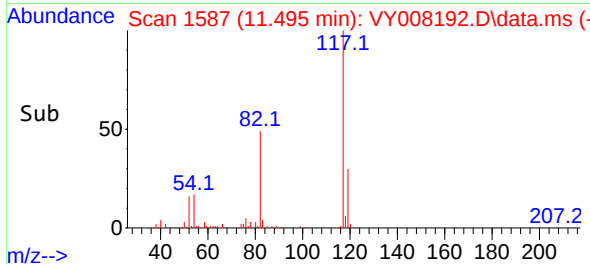
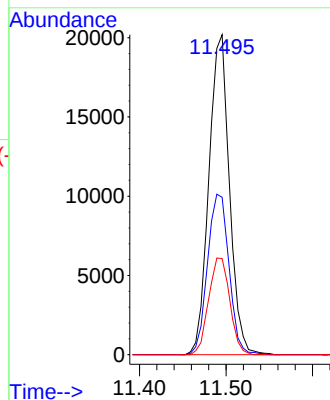
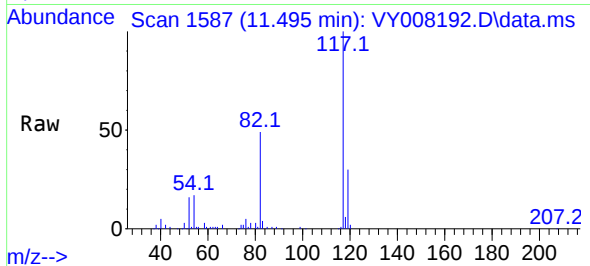




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

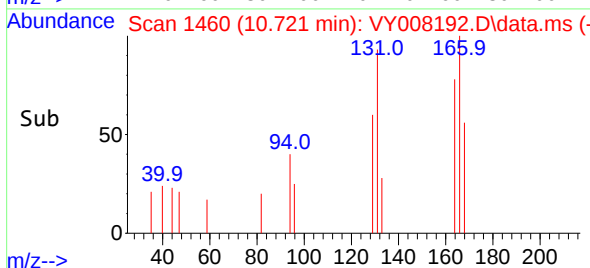
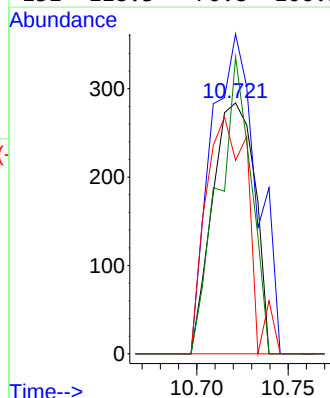
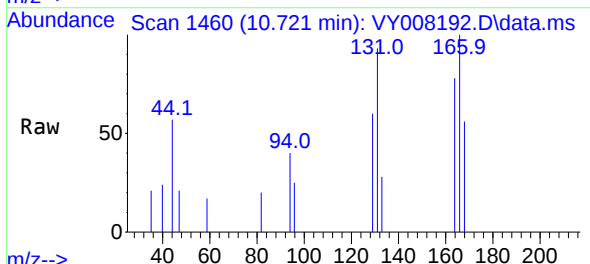
Instrument :
MSVOA_Y
ClientSampleId :
A12015

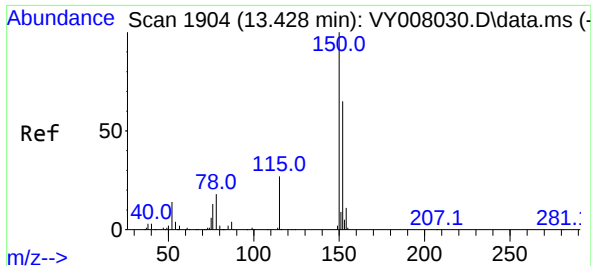
Tgt Ion:117	Resp:	33293
Ion	Ratio	Lower Upper
117	100	
82	49.2	43.0 64.4
119	30.0	25.4 38.0



#64
Tetrachloroethene
Concen: 1.791 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008192.D
Acq: 04 Apr 2022 19:46

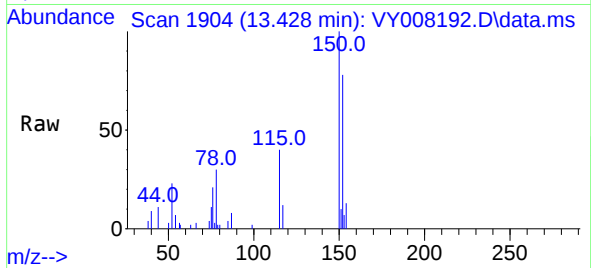
Tgt Ion:164	Resp:	458
Ion	Ratio	Lower Upper
164	100	
166	127.5	100.4 150.6
129	77.1	71.4 107.0
131	118.3	70.8 106.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008192.D
 Acq: 04 Apr 2022 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 A12015



Tgt Ion:152 Resp: 3067

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	154.7	0.0	347.6

