

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008190.D
 Acq On : 04 Apr 2022 19:00
 Operator : SY/MD
 Sample : N2237-01
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A08015

Quant Time: Apr 05 04:43:24 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)

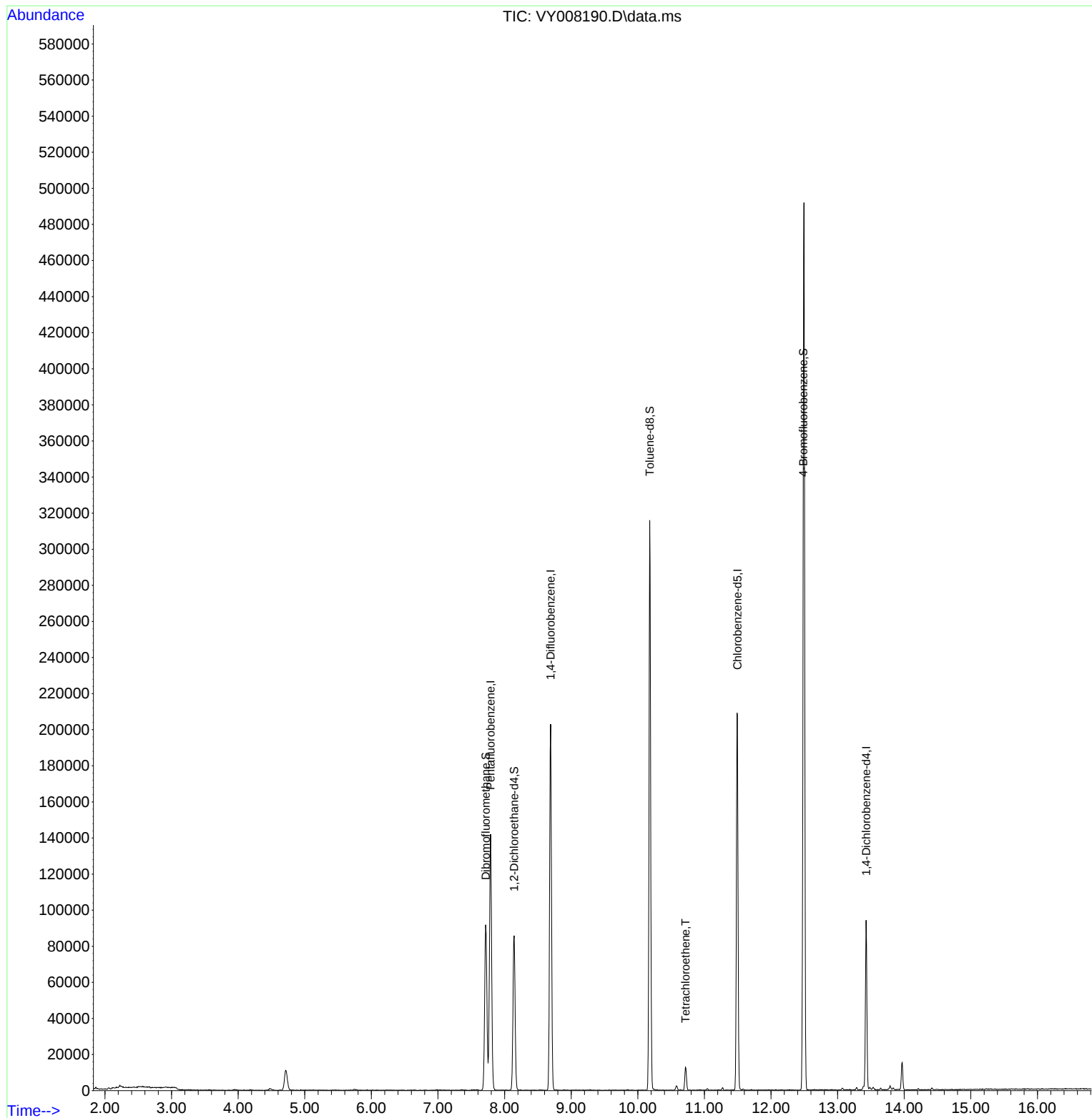
Internal Standards						
1) Pentafluorobenzene	7.789	168	109158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	183430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	123302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64629	59.012	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.020%
35) Dibromofluoromethane	7.715	113	65902	57.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.600%
50) Toluene-d8	10.178	98	208950	48.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.483	95	36455	23.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.700%
Target Compounds						Qvalue
64) Tetrachloroethene	10.715	164	2399	2.533	ug/l	96

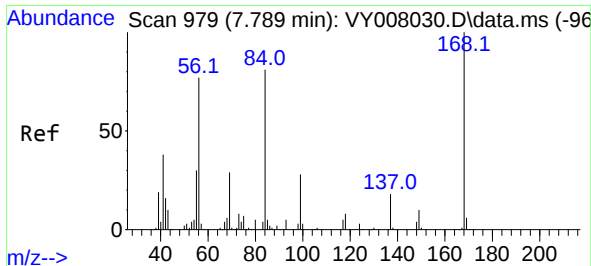
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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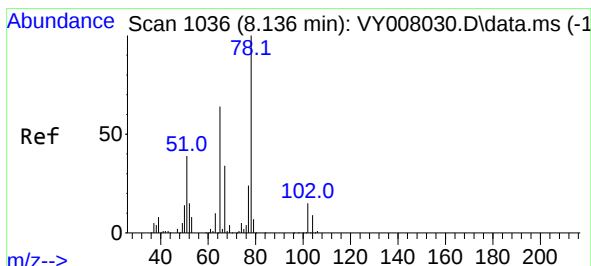
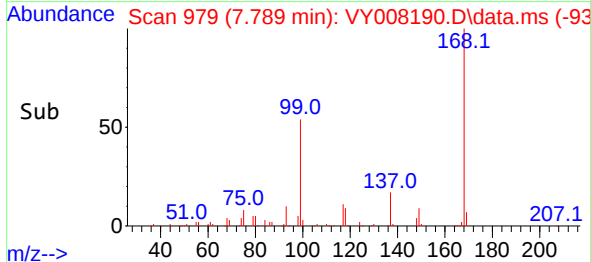
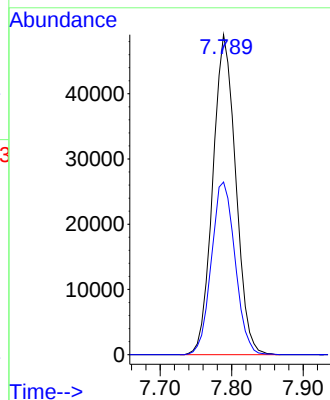
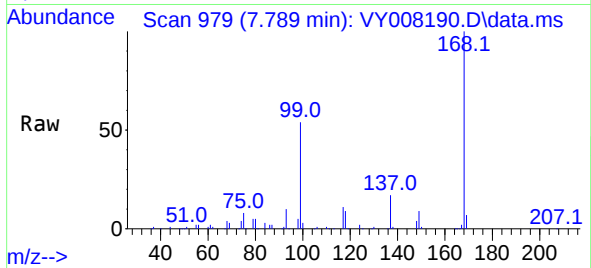




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

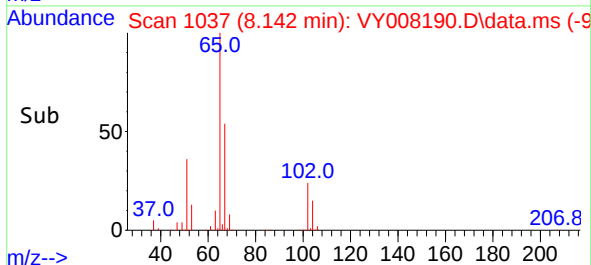
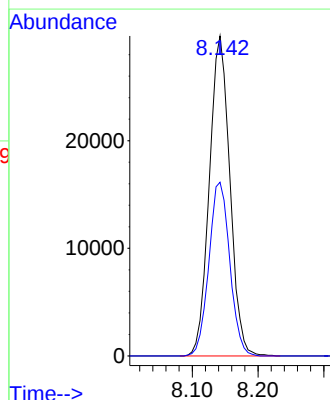
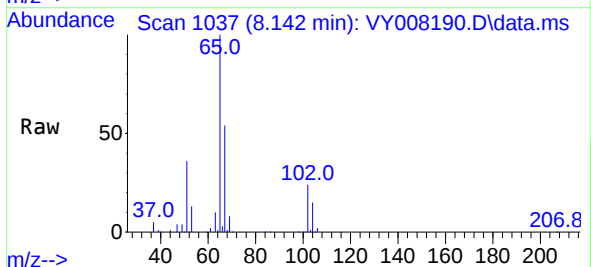
Instrument :
MSVOA_Y
ClientSampleId :
A08015

Tgt Ion:168 Resp: 109158
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.012 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Tgt Ion: 65 Resp: 64629
Ion Ratio Lower Upper
65 100
67 55.2 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: VY008190.D

Acq: 04 Apr 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

A08015

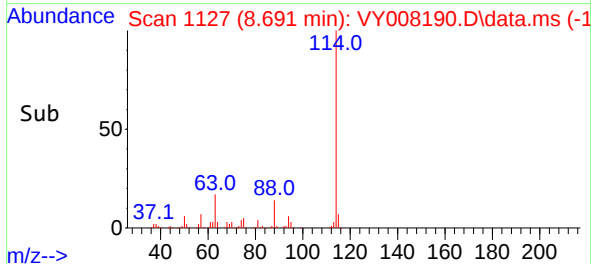
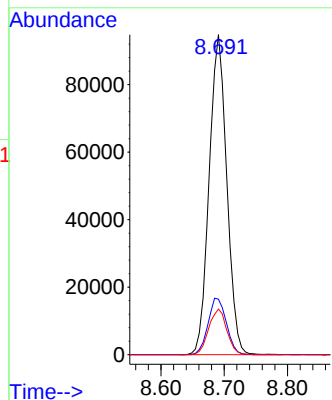
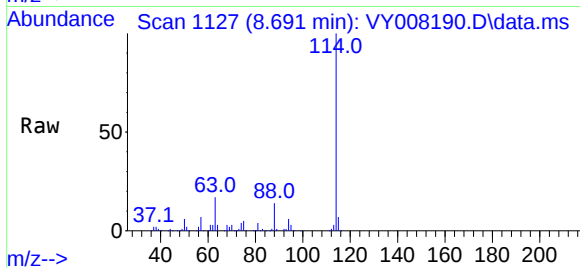
Tgt Ion:114 Resp: 183430

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.303 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY008190.D

Acq: 04 Apr 2022 19:00

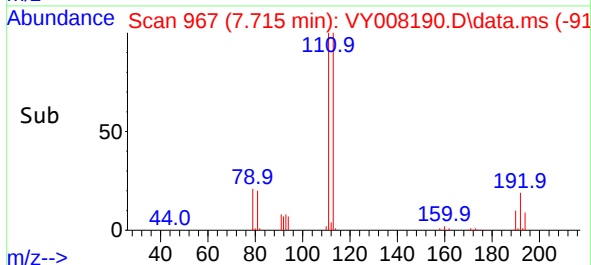
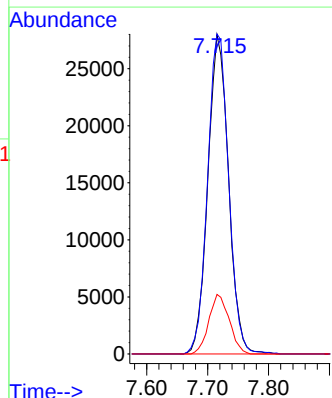
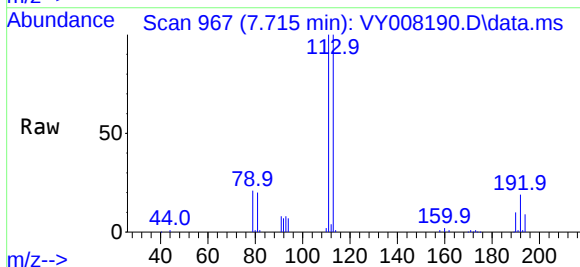
Tgt Ion:113 Resp: 65902

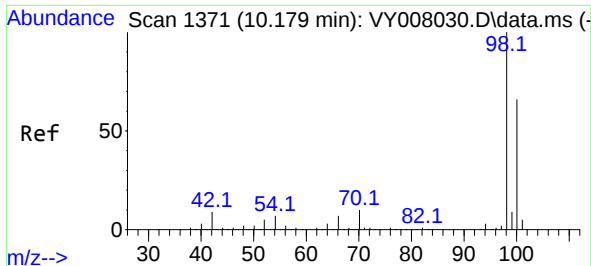
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 18.4 17.6 26.4

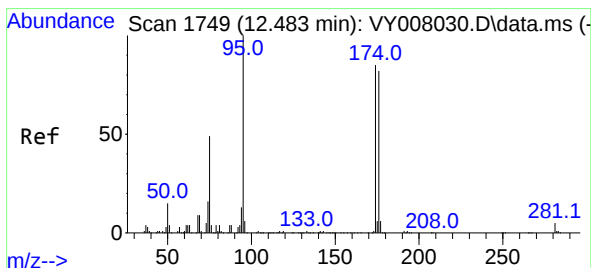
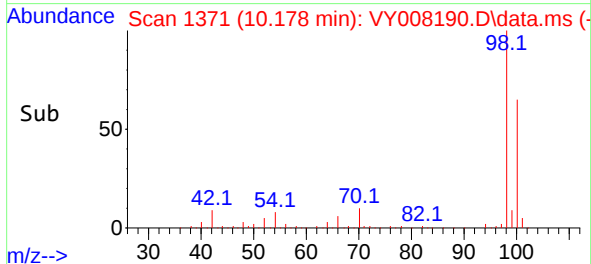
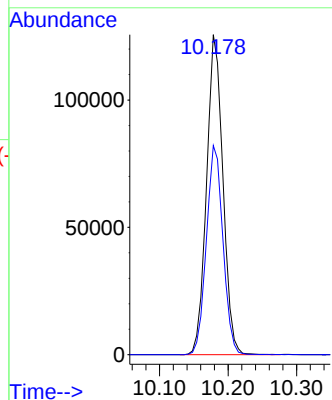
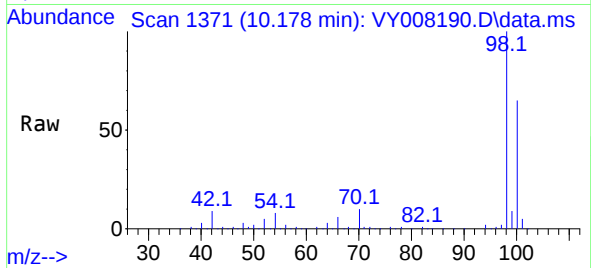




#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

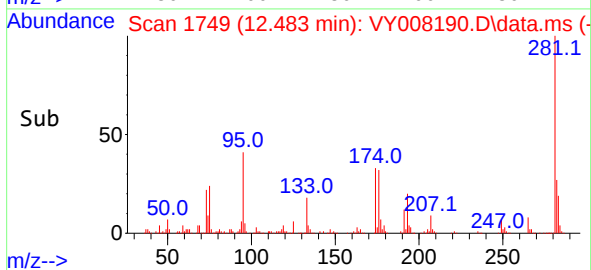
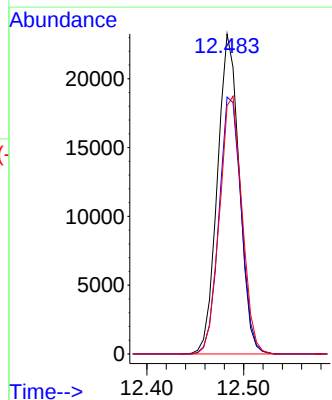
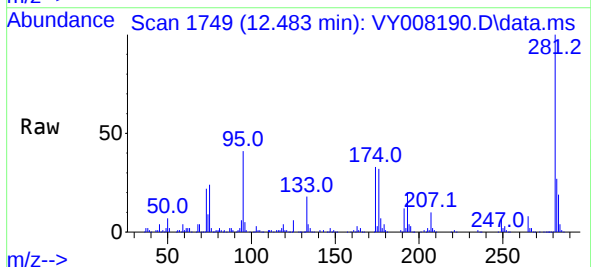
Instrument :
MSVOA_Y
ClientSampleId :
A08015

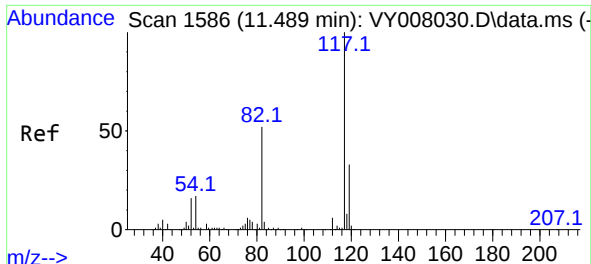
Tgt Ion: 98 Resp: 208950
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 23.848 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Tgt Ion: 95 Resp: 36455
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 83.0 0.0 175.8

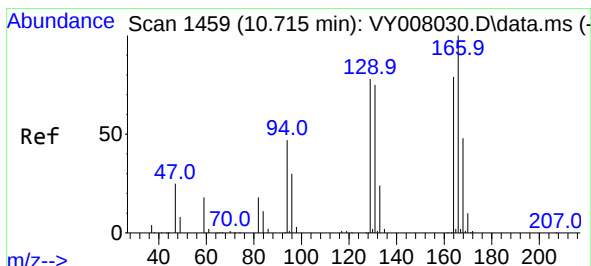
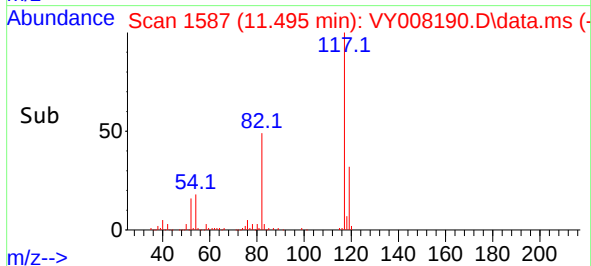
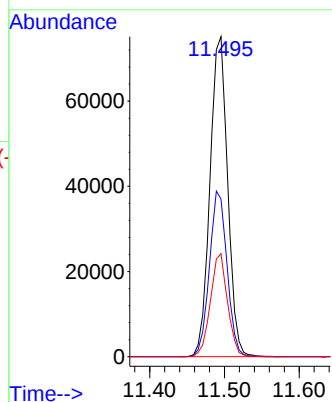
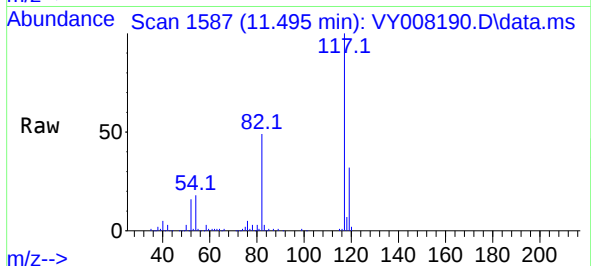




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

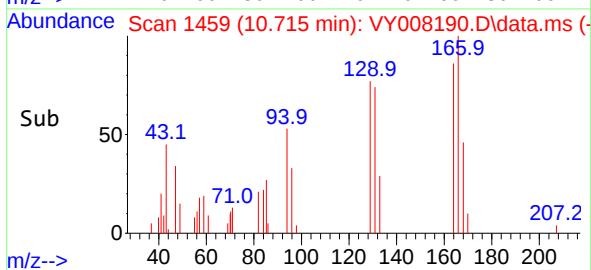
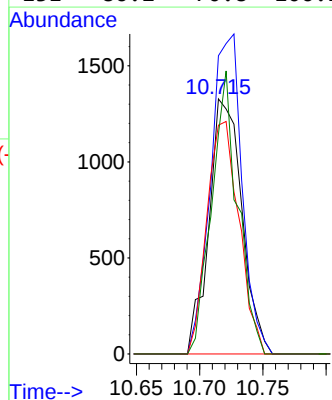
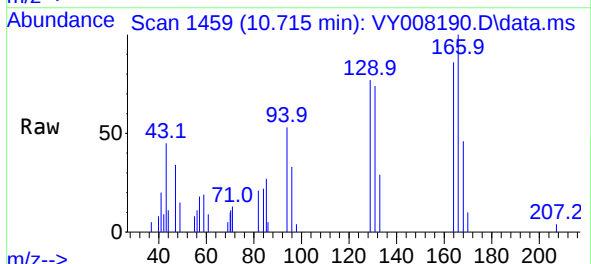
Instrument :
MSVOA_Y
ClientSampleId :
A08015

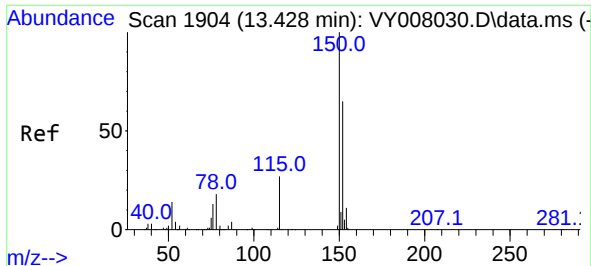
Tgt Ion:	117	Resp:	123302
Ion	Ratio	Lower	Upper
117	100		
82	49.2	43.0	64.4
119	32.2	25.4	38.0



#64
Tetrachloroethene
Concen: 2.533 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY008190.D
Acq: 04 Apr 2022 19:00

Tgt Ion:	164	Resp:	2399
Ion	Ratio	Lower	Upper
164	100		
166	116.9	100.4	150.6
129	89.7	71.4	107.0
131	86.2	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: VY008190.D

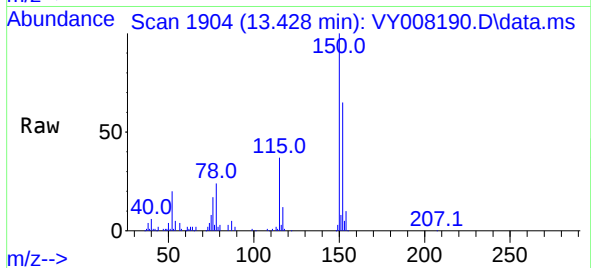
Acq: 04 Apr 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

A08015



Tgt Ion:152 Resp: 23703

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 156.9 0.0 347.6

