

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006641.D
 Acq On : 04 Nov 2021 23:45
 Operator : SY/MD
 Sample : M4441-03
 Misc : 3.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Nov 05 16:11:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

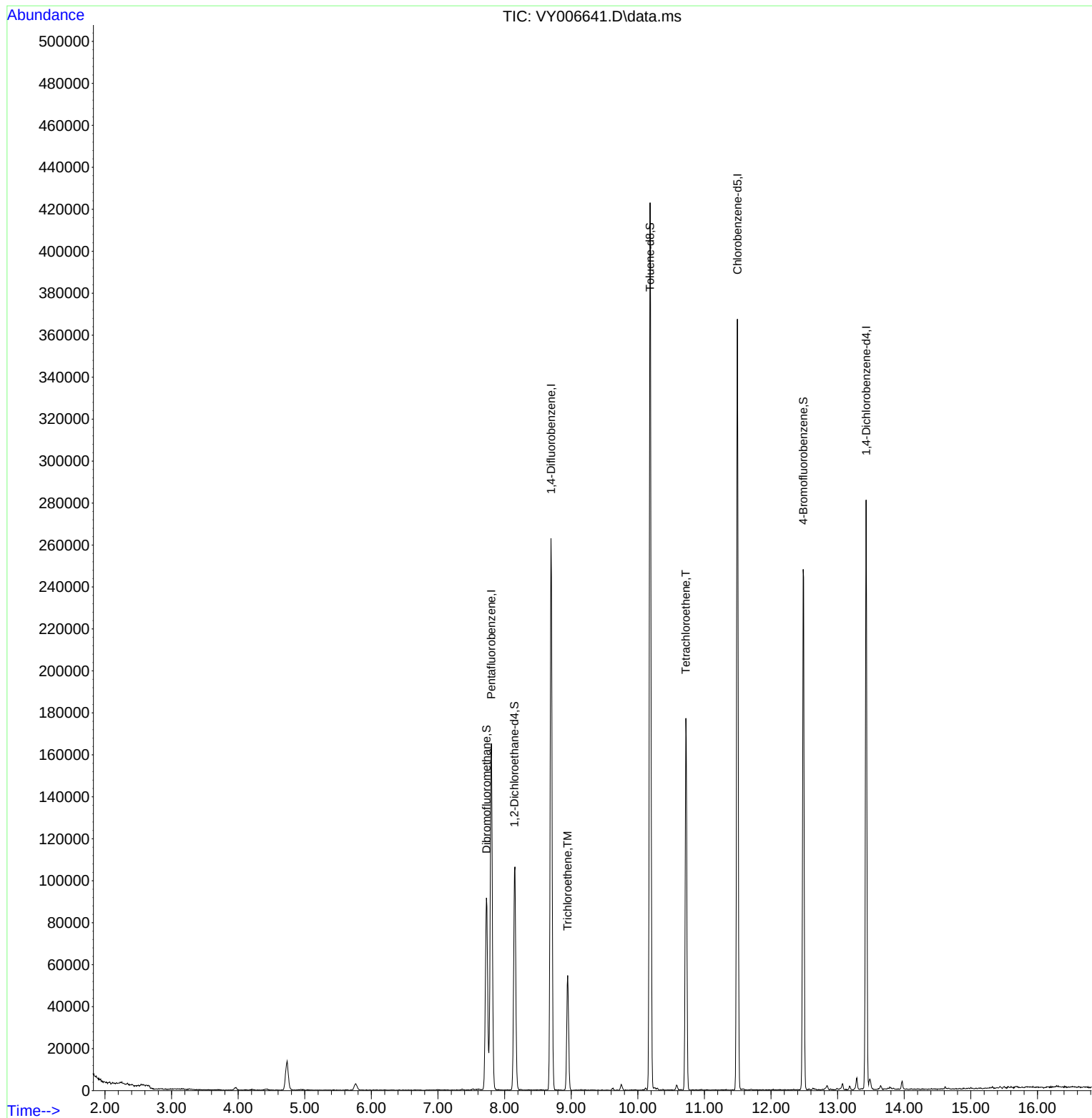
Internal Standards						
1) Pentafluorobenzene	7.801	168	121440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	177773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	85519	57.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.46%
35) Dibromofluoromethane	7.728	113	62358	54.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.12%
50) Toluene-d8	10.184	98	260457	53.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.52%
62) 4-Bromofluorobenzene	12.483	95	70434	43.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.32%
Target Compounds						
					Qvalue	
44) Trichloroethene	8.947	130	17837	11.97	ug/l	99
64) Tetrachloroethene	10.721	164	36829	23.69	ug/l	98

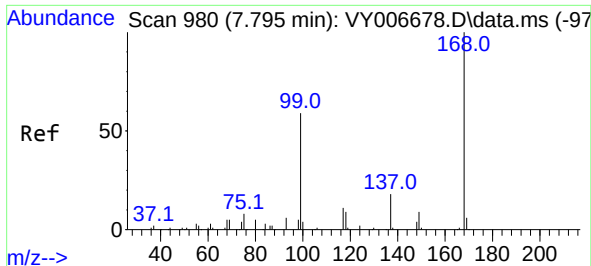
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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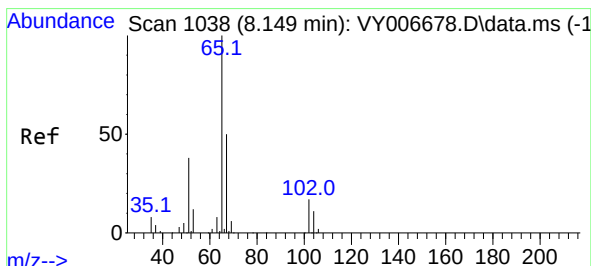
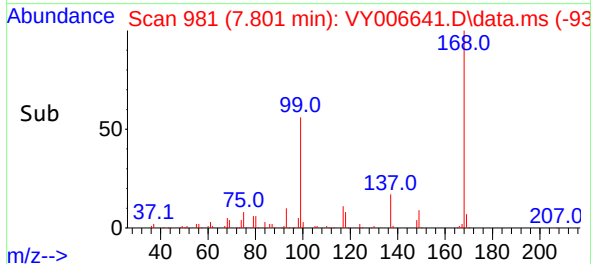
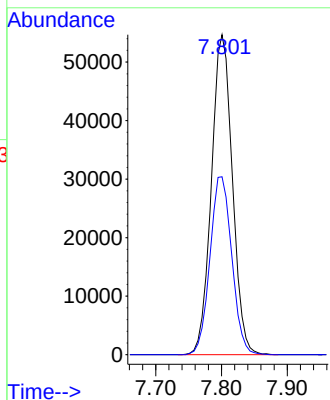
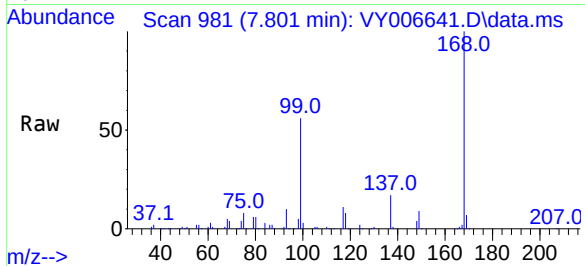




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006641.D
Acq: 04 Nov 2021 23:45

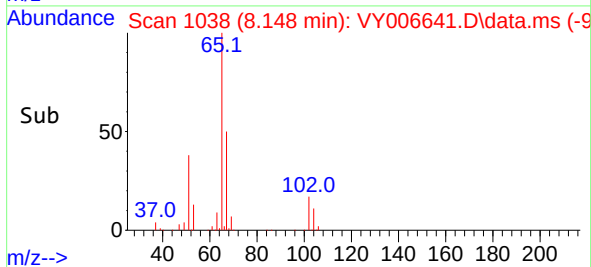
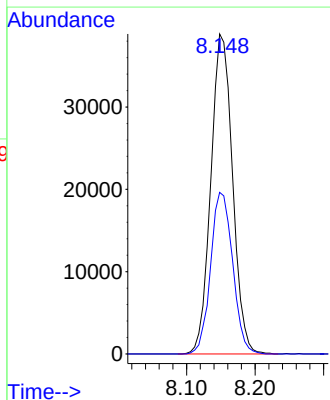
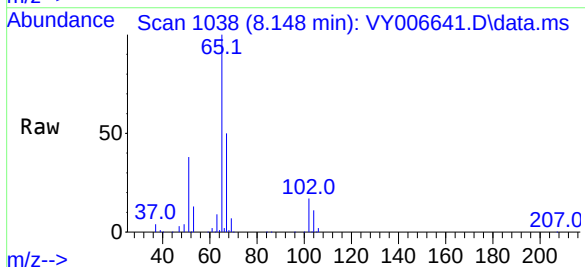
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

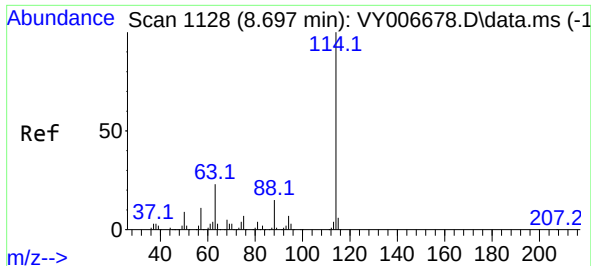
Tgt Ion:168 Resp: 121440
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 57.23 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006641.D
Acq: 04 Nov 2021 23:45

Tgt Ion: 65 Resp: 85519
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006641.D

Acq: 04 Nov 2021 23:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

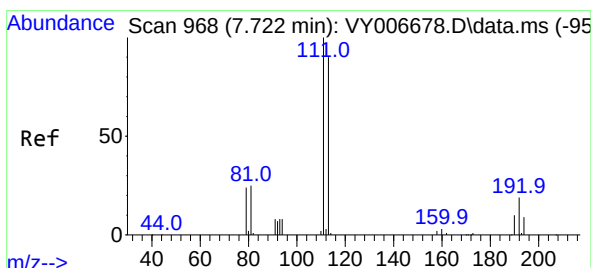
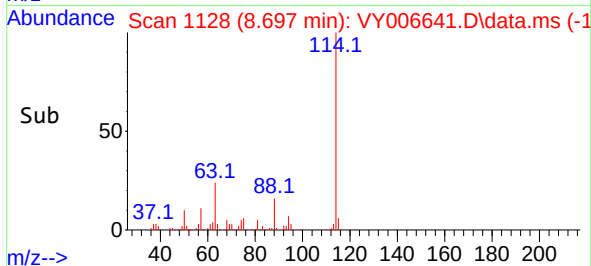
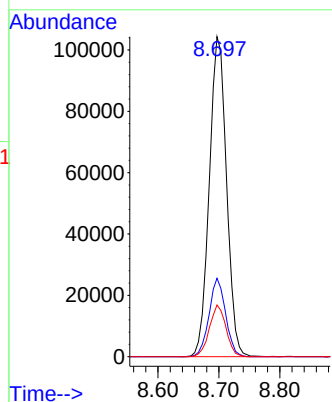
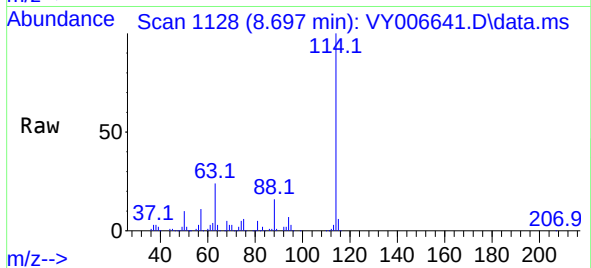
Tgt Ion:114 Resp: 205041

Ion Ratio Lower Upper

114 100

63 24.5 0.0 45.0

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.56 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006641.D

Acq: 04 Nov 2021 23:45

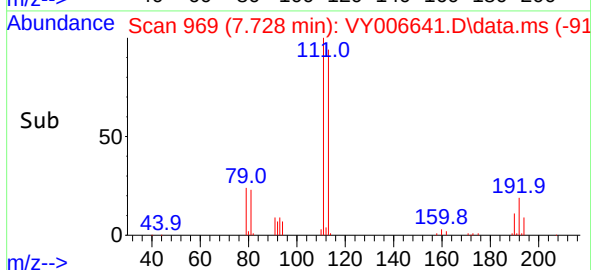
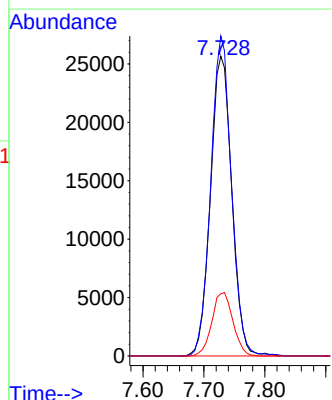
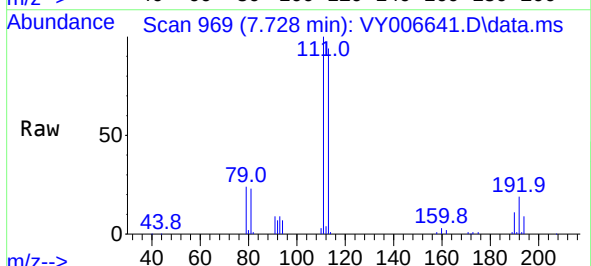
Tgt Ion:113 Resp: 62358

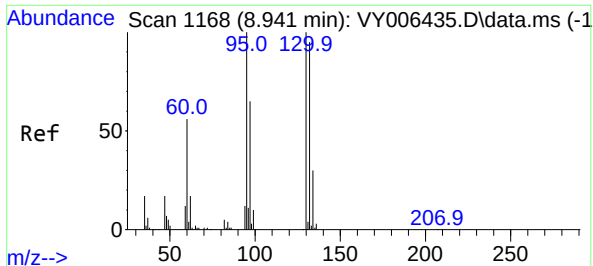
Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

192 20.9 17.4 26.2

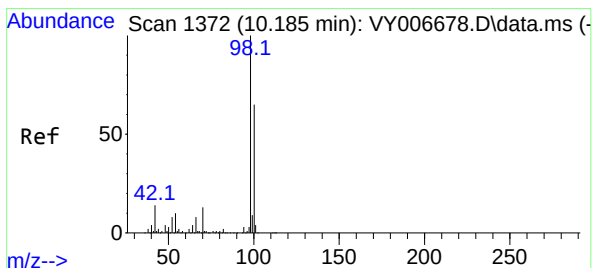
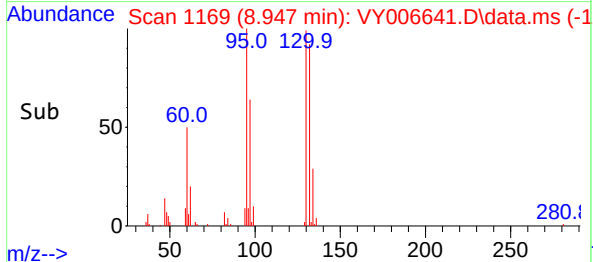
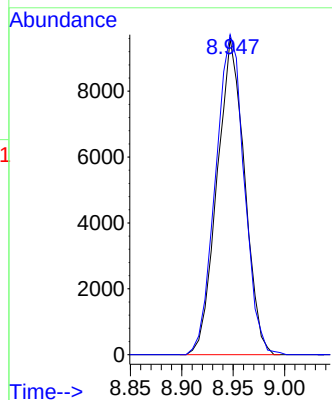
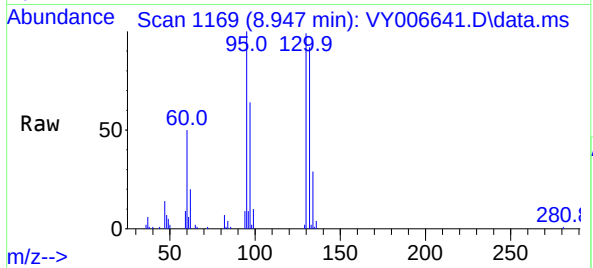




#44
Trichloroethene
Concen: 11.97 ug/l
RT: 8.947 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY006641.D
Acq: 04 Nov 2021 23:45

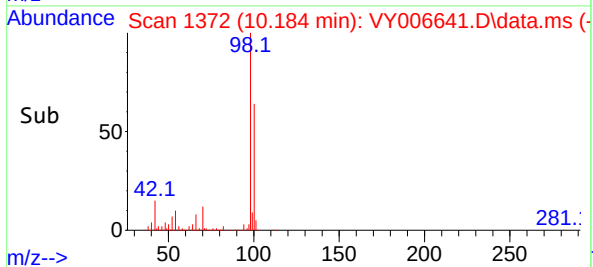
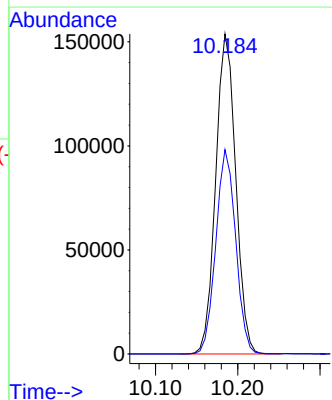
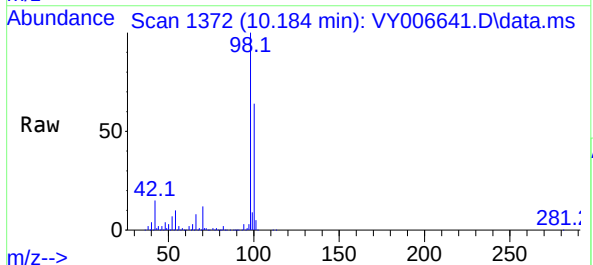
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

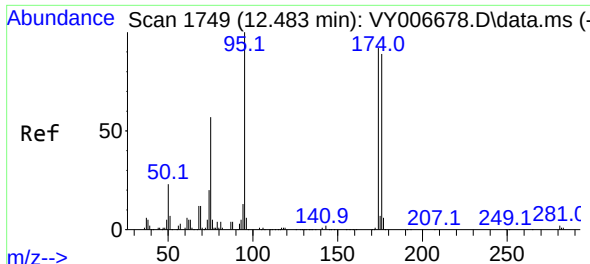
Tgt Ion:130 Resp: 17837
Ion Ratio Lower Upper
130 100
95 101.2 0.0 200.4



#50
Toluene-d8
Concen: 53.76 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006641.D
Acq: 04 Nov 2021 23:45

Tgt Ion: 98 Resp: 260457
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



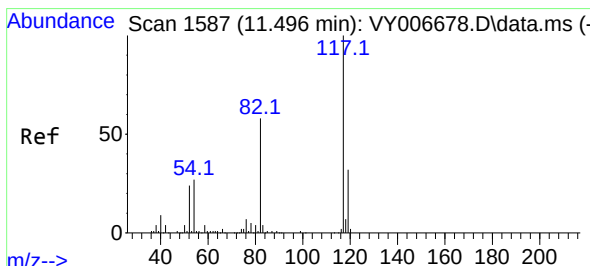
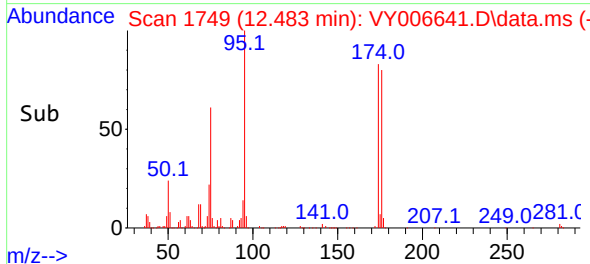
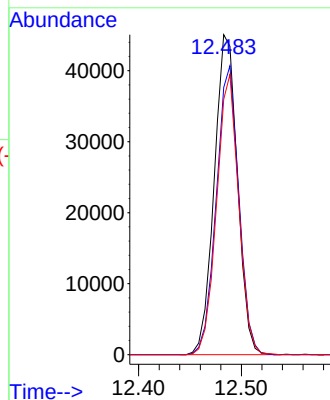
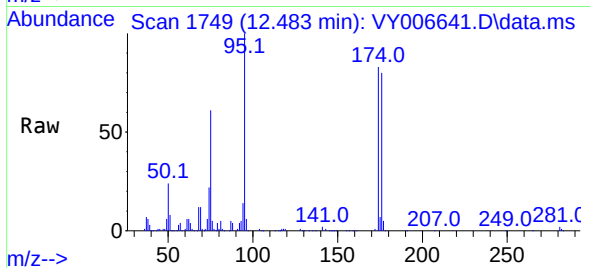


#62
4-Bromofluorobenzene
Concen: 43.16 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006641.D
Acq: 04 Nov 2021 23:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tgt Ion: 95 Resp: 70434

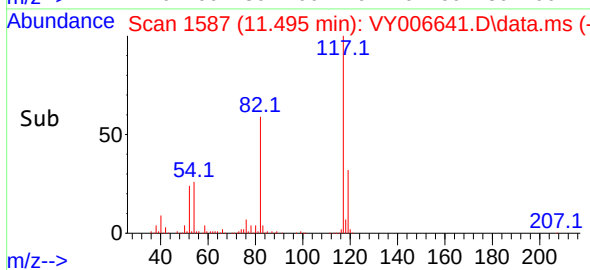
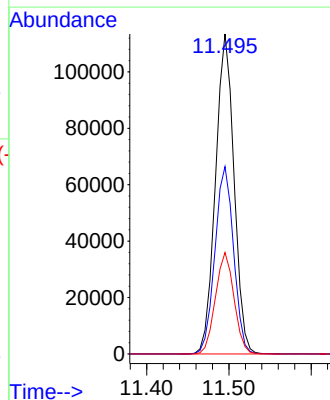
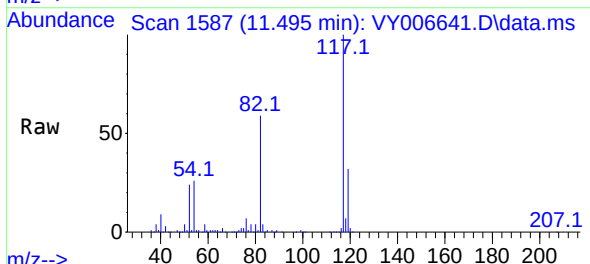
Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	177.0
176	83.2	0.0	169.4

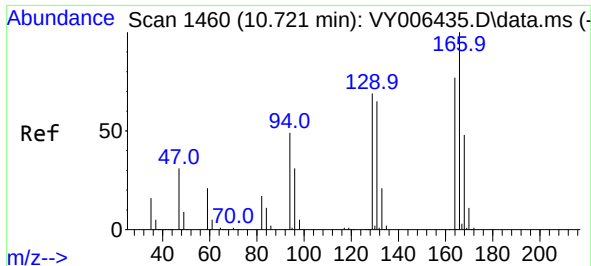


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006641.D
Acq: 04 Nov 2021 23:45

Tgt Ion: 117 Resp: 177773

Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.7	68.5
119	31.7	25.5	38.3



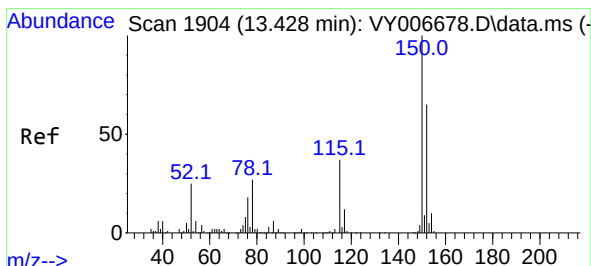
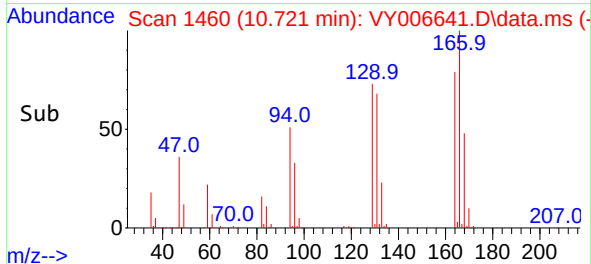
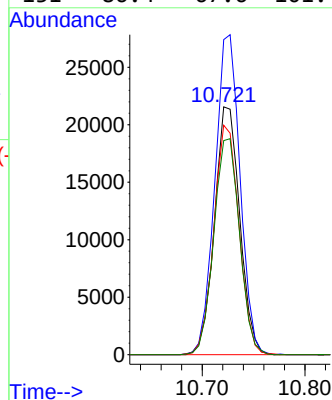
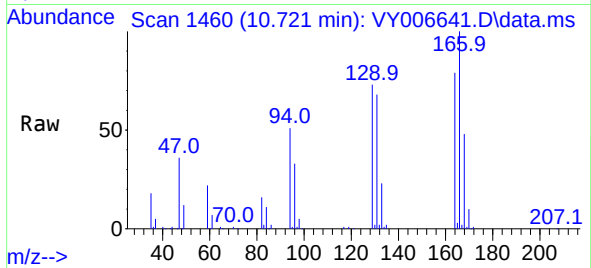


#64
Tetrachloroethene
Concen: 23.69 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006641.D
Acq: 04 Nov 2021 23:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tgt Ion:164 Resp: 36829

Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.3	154.9
129	92.6	71.2	106.8
131	86.4	67.6	101.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006641.D
Acq: 04 Nov 2021 23:45

Tgt Ion:152 Resp: 64783

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.5	85.5
150	157.1	0.0	348.2

