

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006491.D
 Acq On : 26 Oct 2021 19:09
 Operator : SY/MD
 Sample : M4340-01
 Misc : 4.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-ES

Quant Time: Oct 27 05:27:32 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)

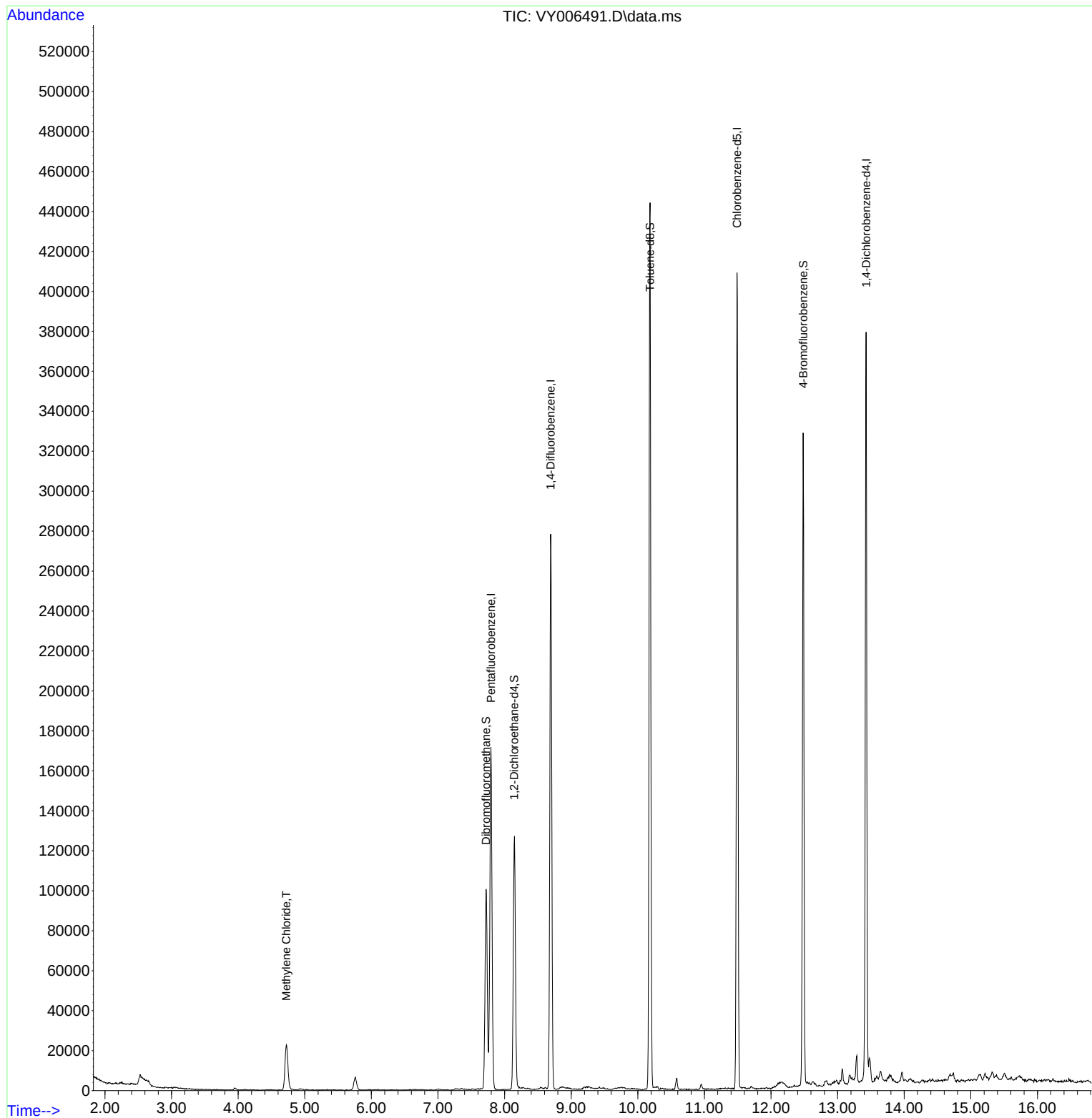
Internal Standards						
1) Pentafluorobenzene	7.795	168	127347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	205671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102190	65.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.420%	
35) Dibromofluoromethane	7.722	113	67320	55.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.180%	
50) Toluene-d8	10.185	98	284171	54.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.720%	
62) 4-Bromofluorobenzene	12.483	95	89537	51.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.620%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	15557	7.698	ug/l	89

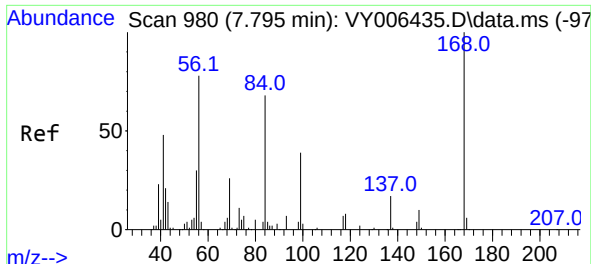
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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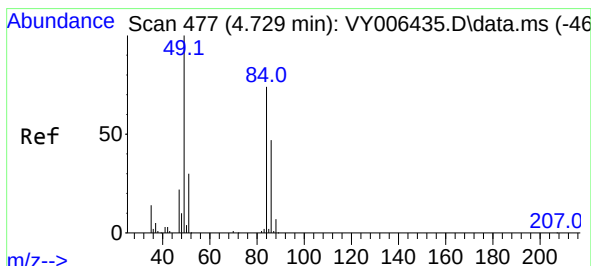
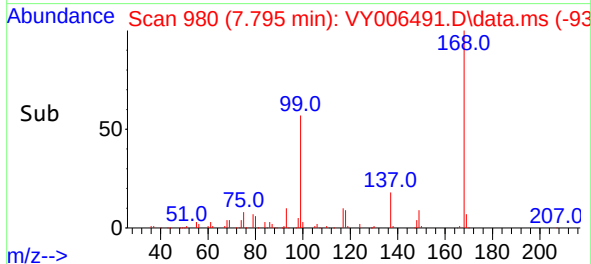
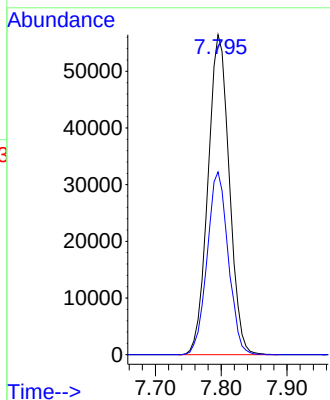
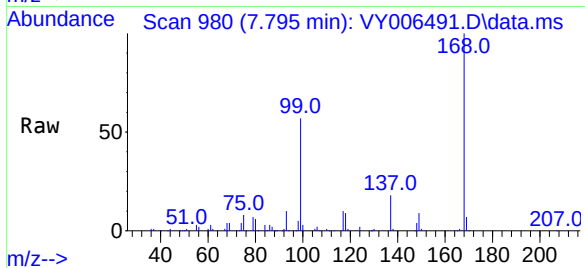




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

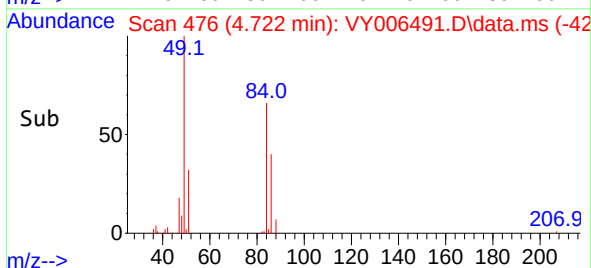
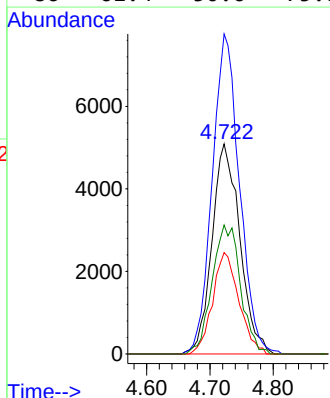
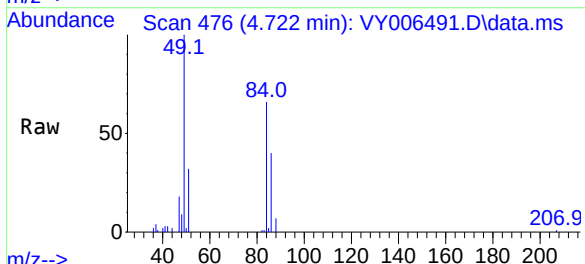
Instrument :
MSVOA_Y
ClientSampleId :
TH-ES

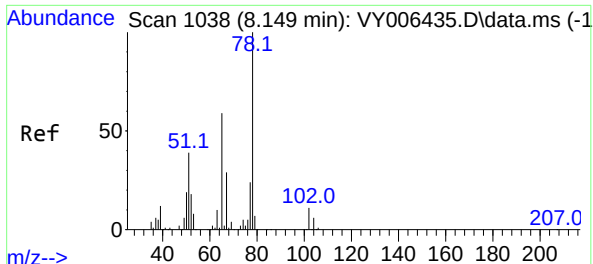
Tgt Ion:168 Resp: 127347
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#20
Methylene Chloride
Concen: 7.698 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Tgt Ion: 84 Resp: 15557
Ion Ratio Lower Upper
84 100
49 152.3 107.8 161.8
51 48.3 32.8 49.2
86 61.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 65.210 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY006491.D

Acq: 26 Oct 2021 19:09

Instrument :

MSVOA_Y

ClientSampleId :

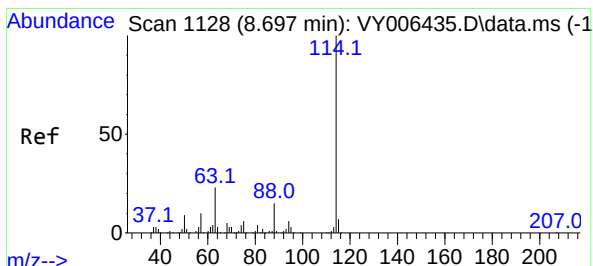
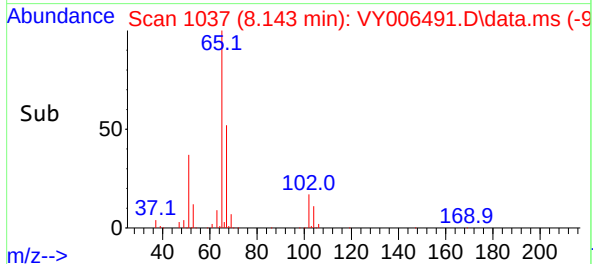
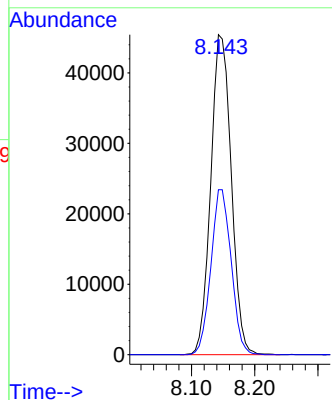
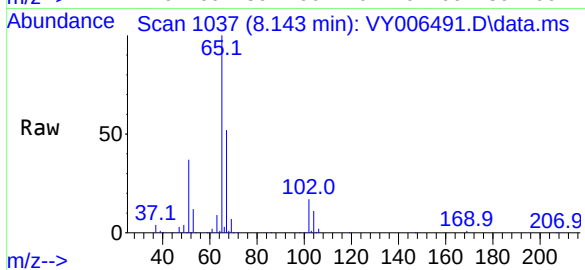
TH-ES

Tgt Ion: 65 Resp: 102190

Ion Ratio Lower Upper

65 100

67 51.0 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006491.D

Acq: 26 Oct 2021 19:09

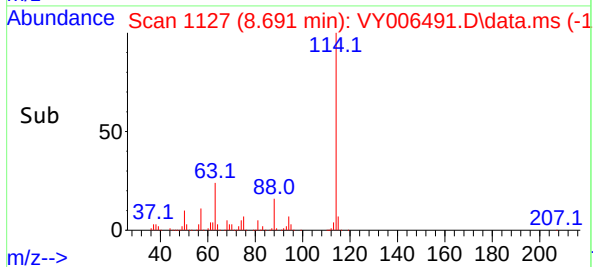
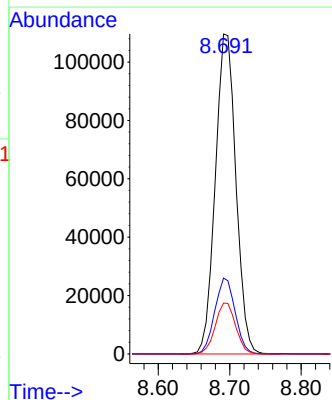
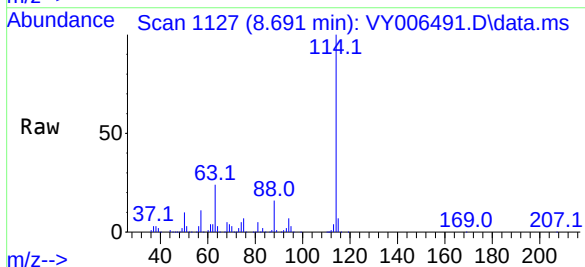
Tgt Ion: 114 Resp: 219239

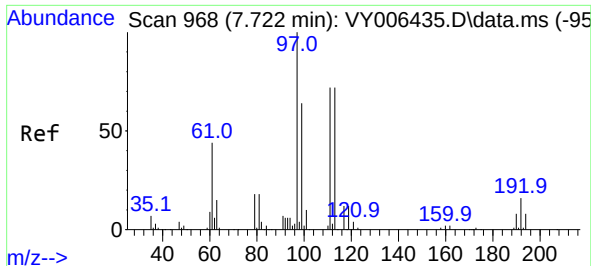
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 15.9 0.0 30.6

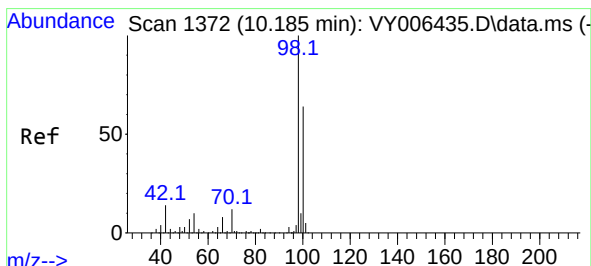
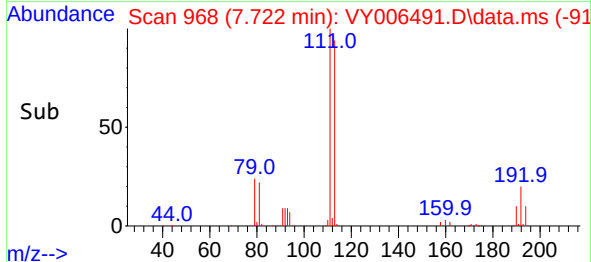
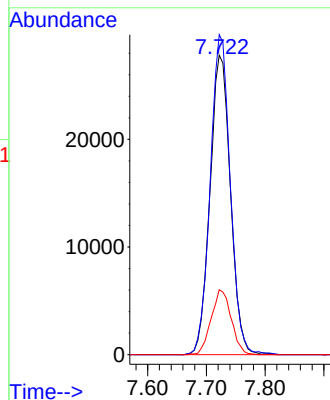
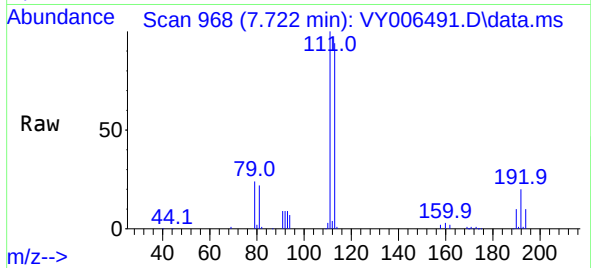




#35
Dibromofluoromethane
Concen: 55.091 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

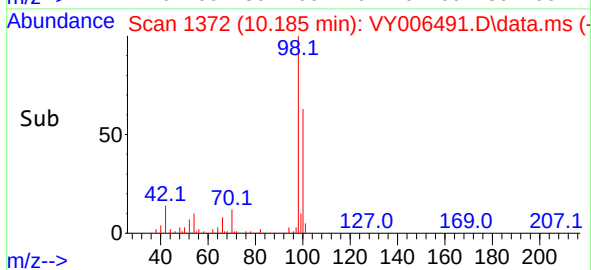
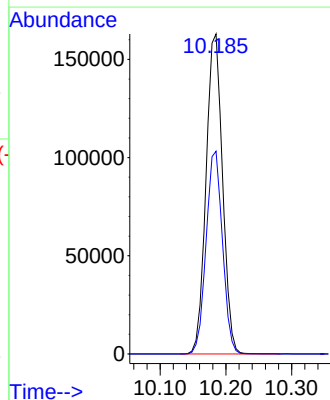
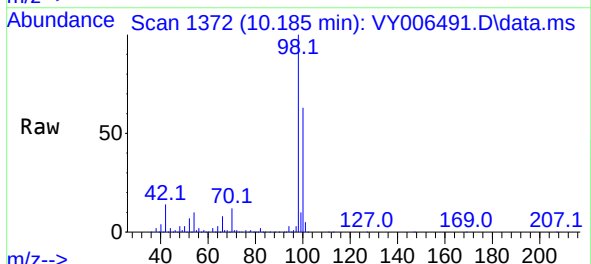
Instrument :
MSVOA_Y
ClientSampleId :
TH-ES

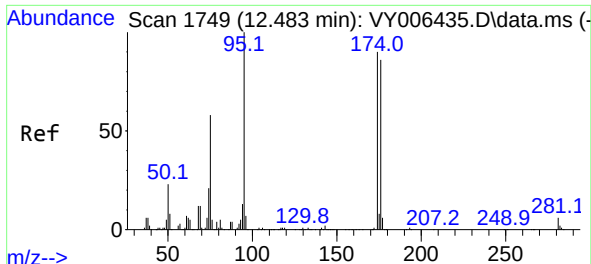
Tgt Ion:113 Resp: 67320
Ion Ratio Lower Upper
113 100
111 104.3 82.3 123.5
192 21.2 17.4 26.2



#50
Toluene-d8
Concen: 54.858 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

Tgt Ion: 98 Resp: 284171
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

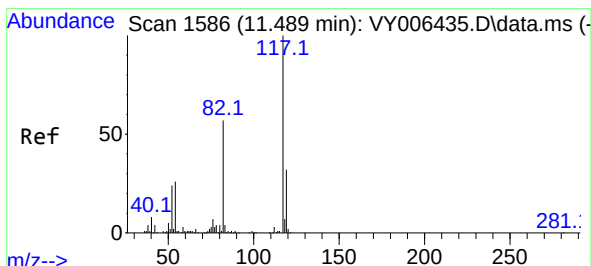
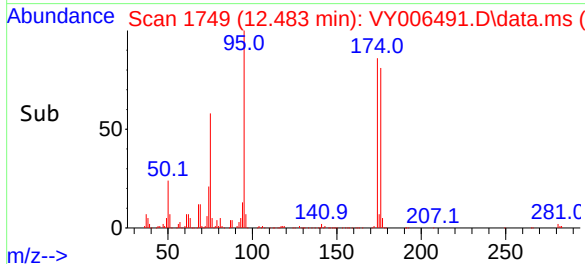
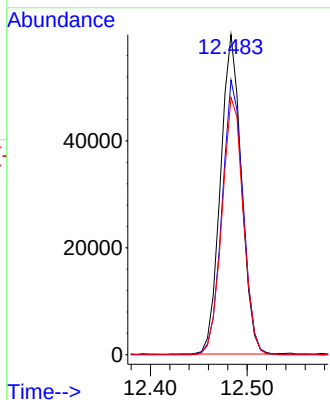
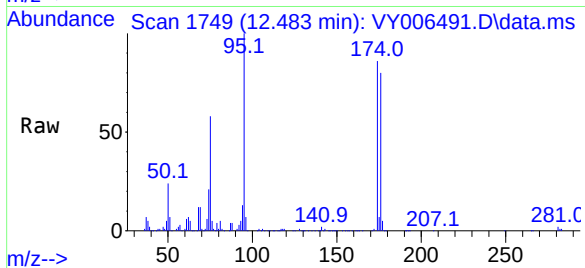




#62
4-Bromofluorobenzene
Concen: 51.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

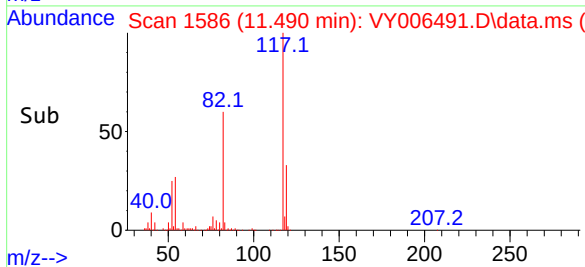
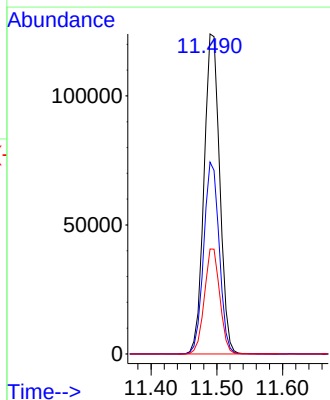
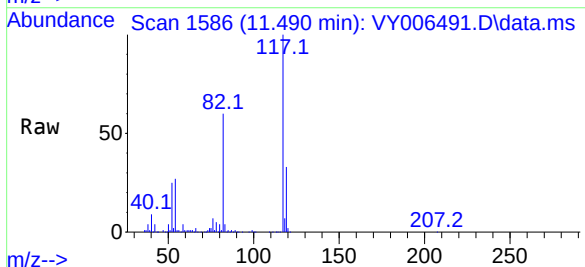
Instrument :
MSVOA_Y
ClientSampleId :
TH-ES

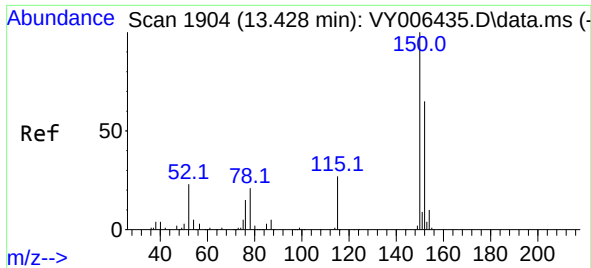
Tgt Ion: 95 Resp: 89537
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 82.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006491.D
Acq: 26 Oct 2021 19:09

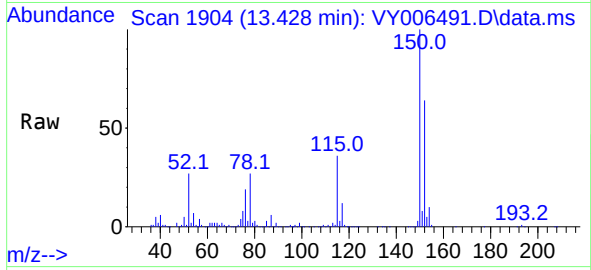
Tgt Ion: 117 Resp: 205671
Ion Ratio Lower Upper
117 100
82 60.0 45.7 68.5
119 32.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006491.D
 Acq: 26 Oct 2021 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-ES



Tgt Ion:152 Resp: 86870

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.5	85.5
150	155.6	0.0	348.2

