

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006483.D
 Acq On : 26 Oct 2021 16:00
 Operator : SY/MD
 Sample : M4290-13
 Misc : 4.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-BBD

Quant Time: Oct 27 05:26:29 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)

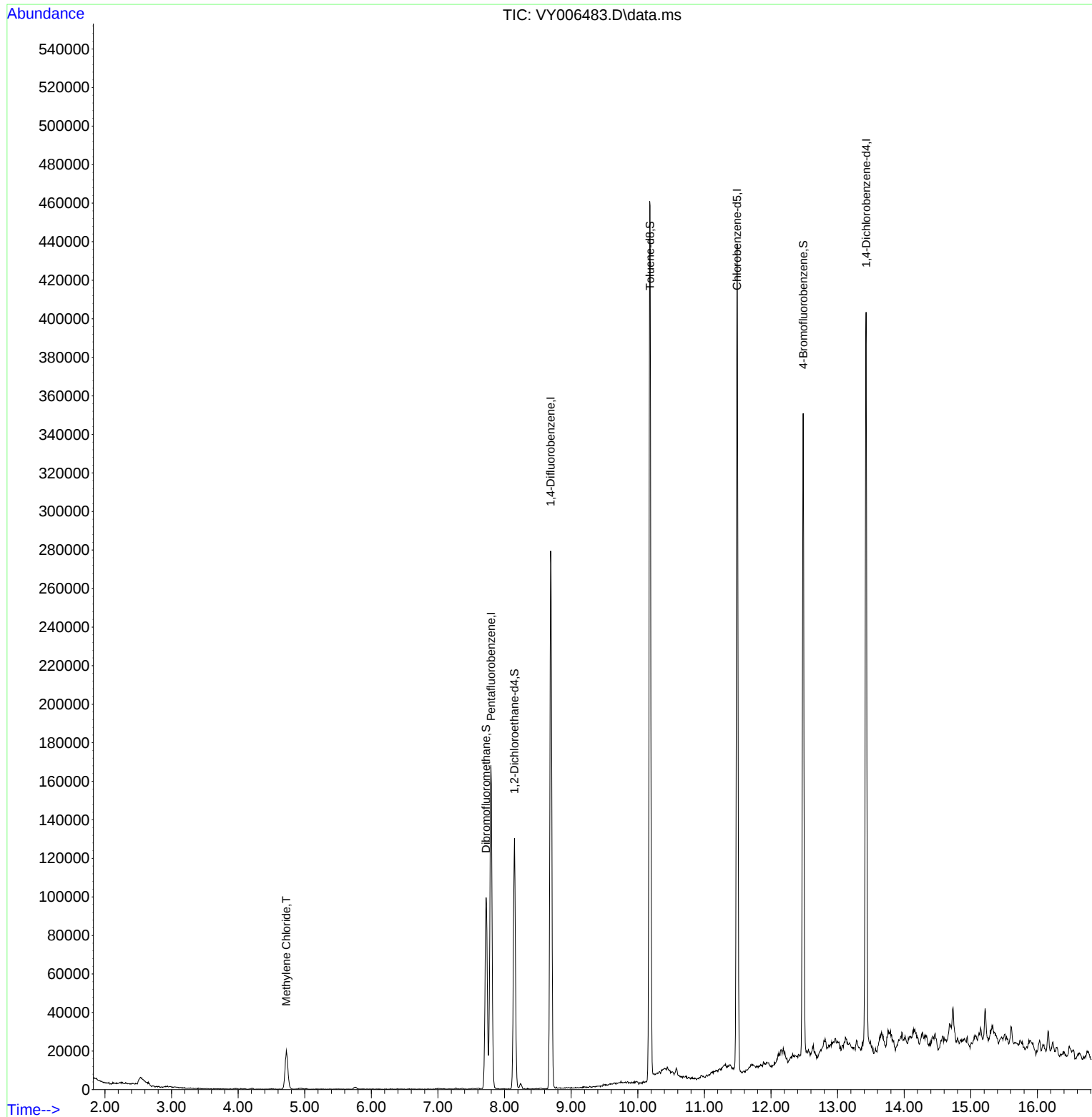
Internal Standards						
1) Pentafluorobenzene	7.795	168	127014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102086	65.315	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.620%		
35) Dibromofluoromethane	7.722	113	67669	54.435	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.880%		
50) Toluene-d8	10.185	98	292617	55.528	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.060%		
62) 4-Bromofluorobenzene	12.483	95	93839	52.863	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 105.720%		
Target Compounds						
20) Methylene Chloride	4.723	84	13434	6.077	ug/l	Qvalue 98

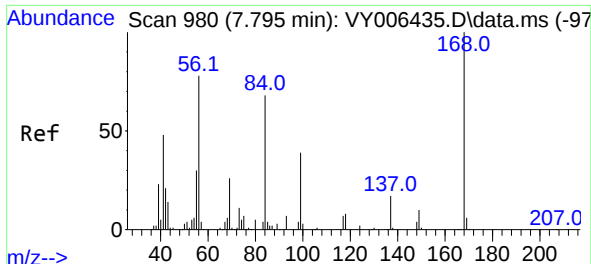
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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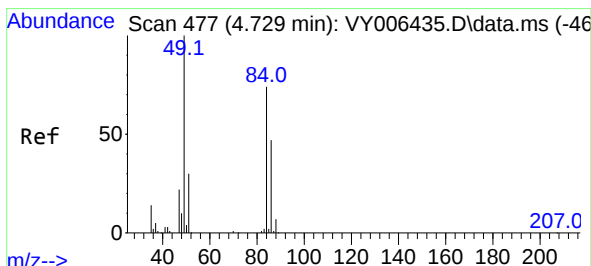
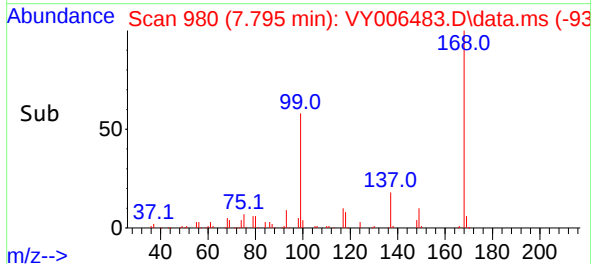
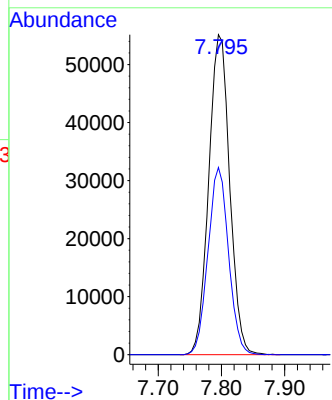
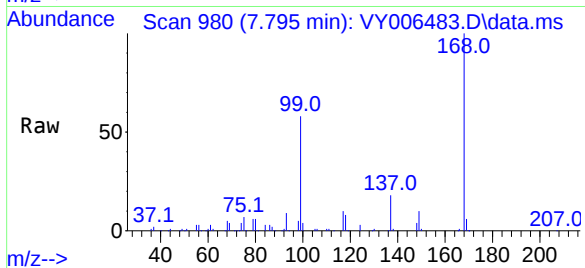




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006483.D
Acq: 26 Oct 2021 16:00

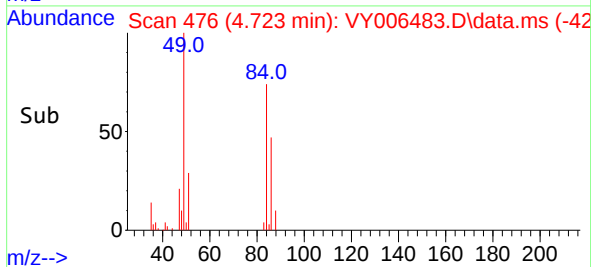
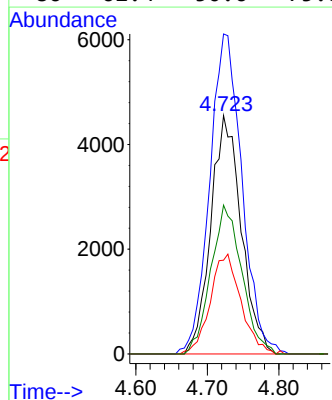
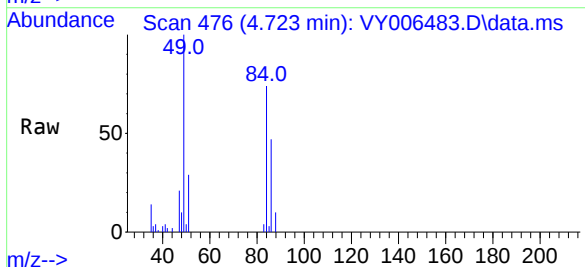
Instrument :
MSVOA_Y
ClientSampleId :
TH-BBD

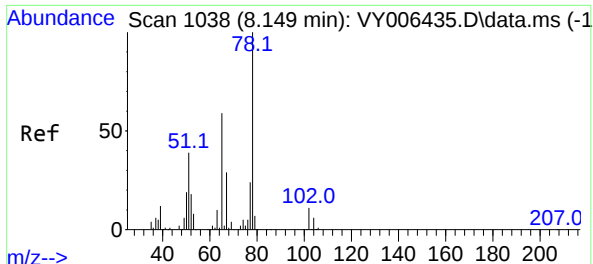
Tgt Ion:168 Resp: 127014
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#20
Methylene Chloride
Concen: 6.077 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006483.D
Acq: 26 Oct 2021 16:00

Tgt Ion: 84 Resp: 13434
Ion Ratio Lower Upper
84 100
49 132.9 107.8 161.8
51 39.4 32.8 49.2
86 62.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 65.315 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006483.D

Acq: 26 Oct 2021 16:00

Instrument :

MSVOA_Y

ClientSampleId :

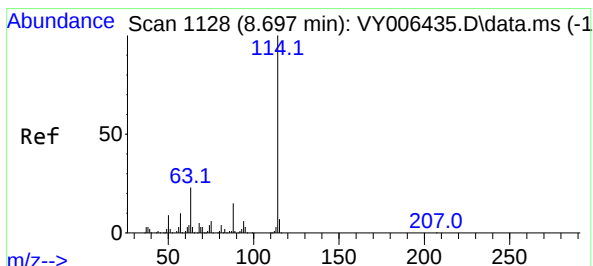
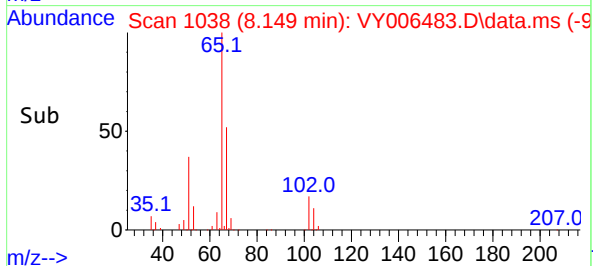
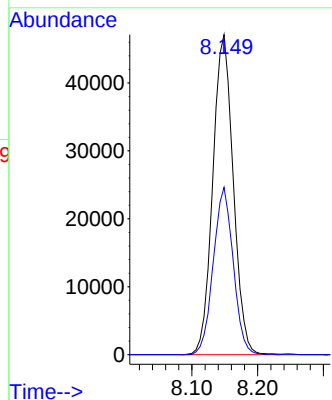
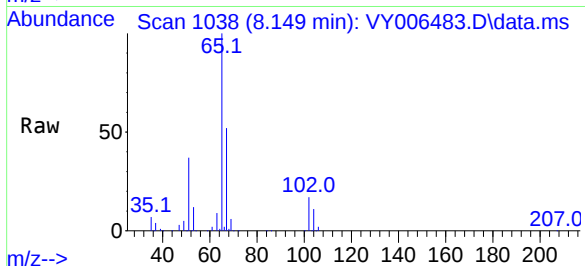
TH-BBD

Tgt Ion: 65 Resp: 102086

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: VY006483.D

Acq: 26 Oct 2021 16:00

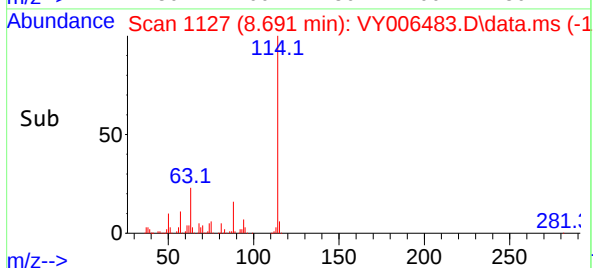
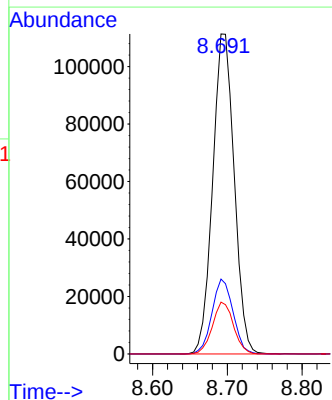
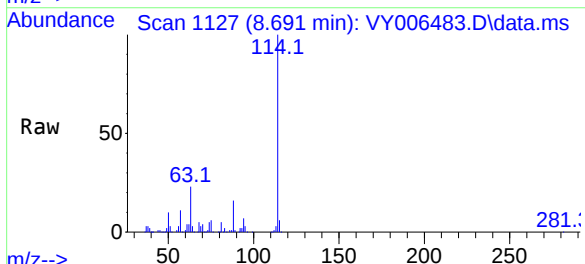
Tgt Ion:114 Resp: 223030

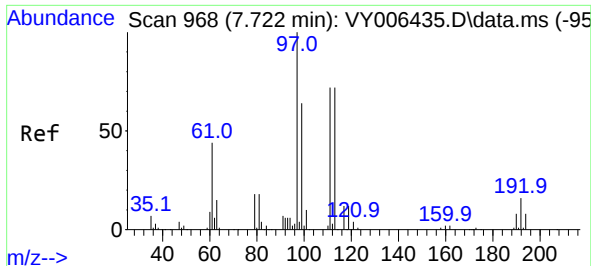
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 16.2 0.0 30.6



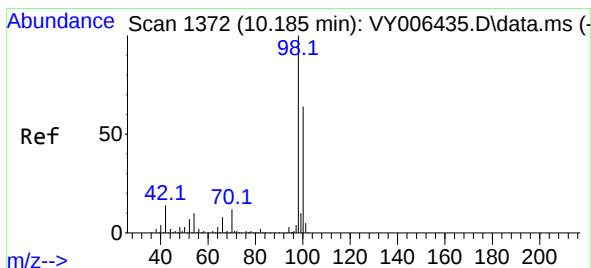
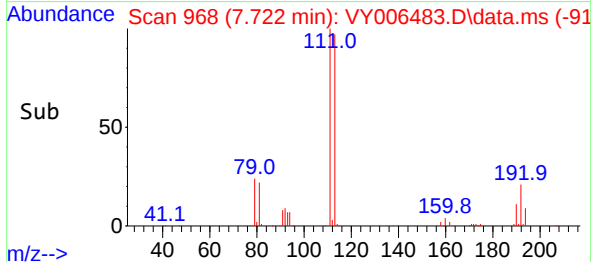
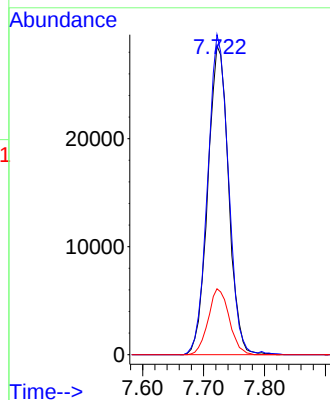
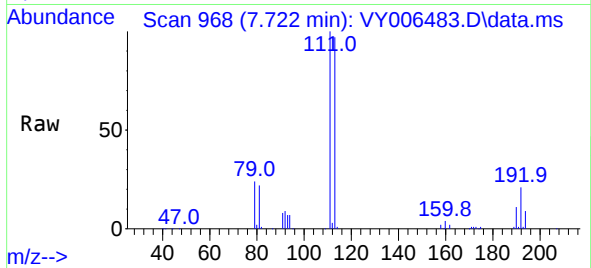


#35
 Dibromofluoromethane
 Concen: 54.435 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY006483.D
 Acq: 26 Oct 2021 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-BBD

Tgt Ion:113 Resp: 67669

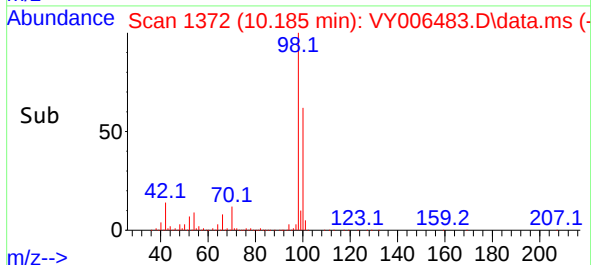
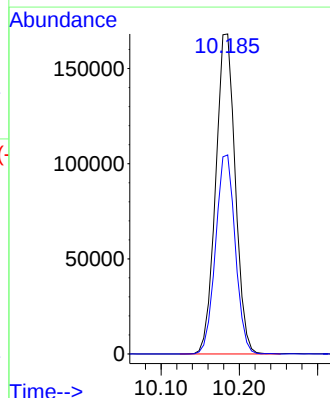
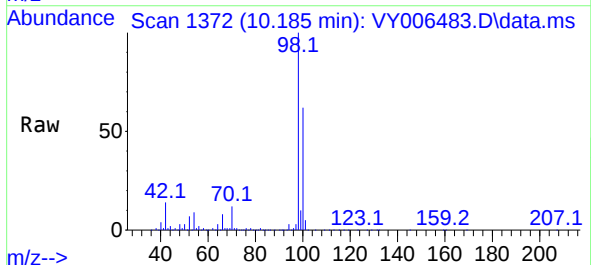
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.3	123.5
192	21.6	17.4	26.2

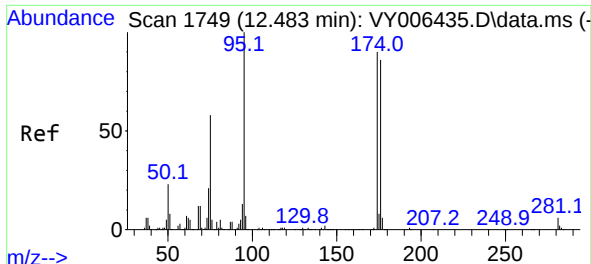


#50
 Toluene-d8
 Concen: 55.528 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY006483.D
 Acq: 26 Oct 2021 16:00

Tgt Ion: 98 Resp: 292617

Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.9	76.3

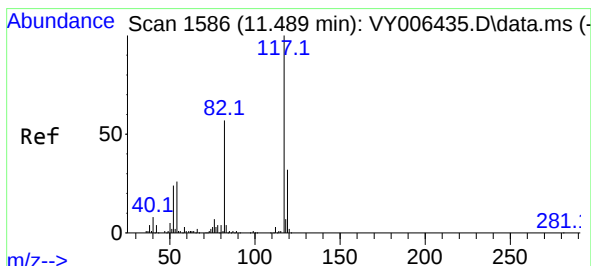
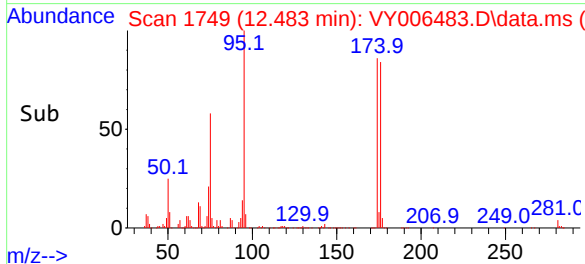
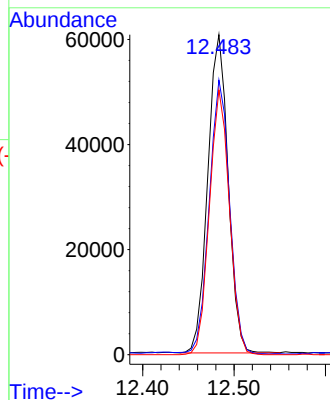
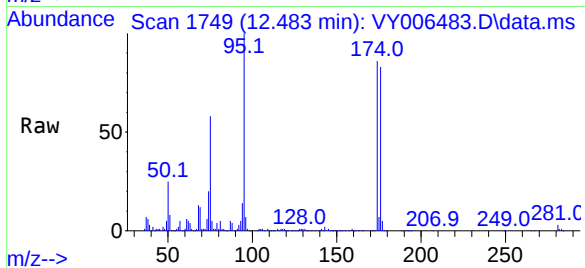




#62
4-Bromofluorobenzene
Concen: 52.863 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006483.D
Acq: 26 Oct 2021 16:00

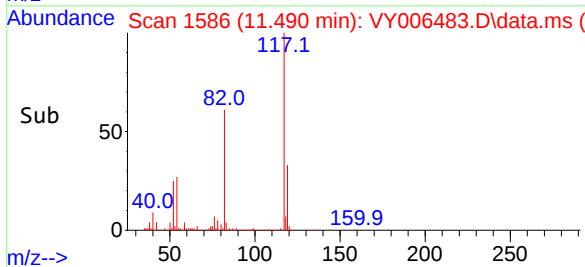
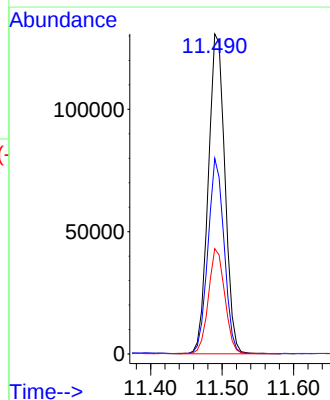
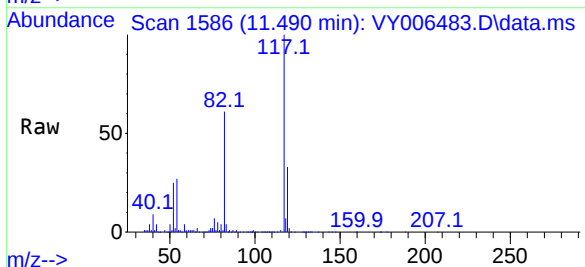
Instrument :
MSVOA_Y
ClientSampleId :
TH-BBD

Tgt Ion: 95 Resp: 93839
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 81.5 0.0 169.4

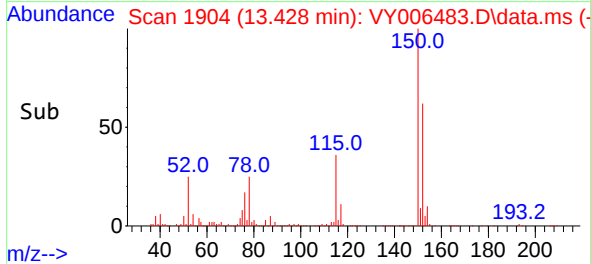
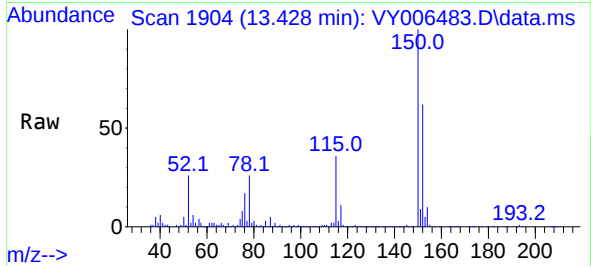
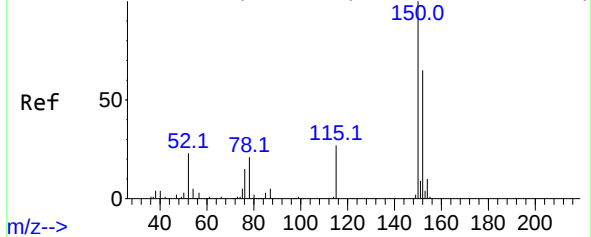


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006483.D
Acq: 26 Oct 2021 16:00

Tgt Ion: 117 Resp: 211515
Ion Ratio Lower Upper
117 100
82 61.1 45.7 68.5
119 32.8 25.5 38.3



Abundance Scan 1904 (13.428 min): VY006435.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006483.D
Acq: 26 Oct 2021 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TH-BBD

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.5	85.5
150	158.5	0.0	348.2

