

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006494.D
 Acq On : 26 Oct 2021 20:20
 Operator : SY/MD
 Sample : M4340-10
 Misc : 4.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-EED

Quant Time: Oct 27 05:27:56 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)

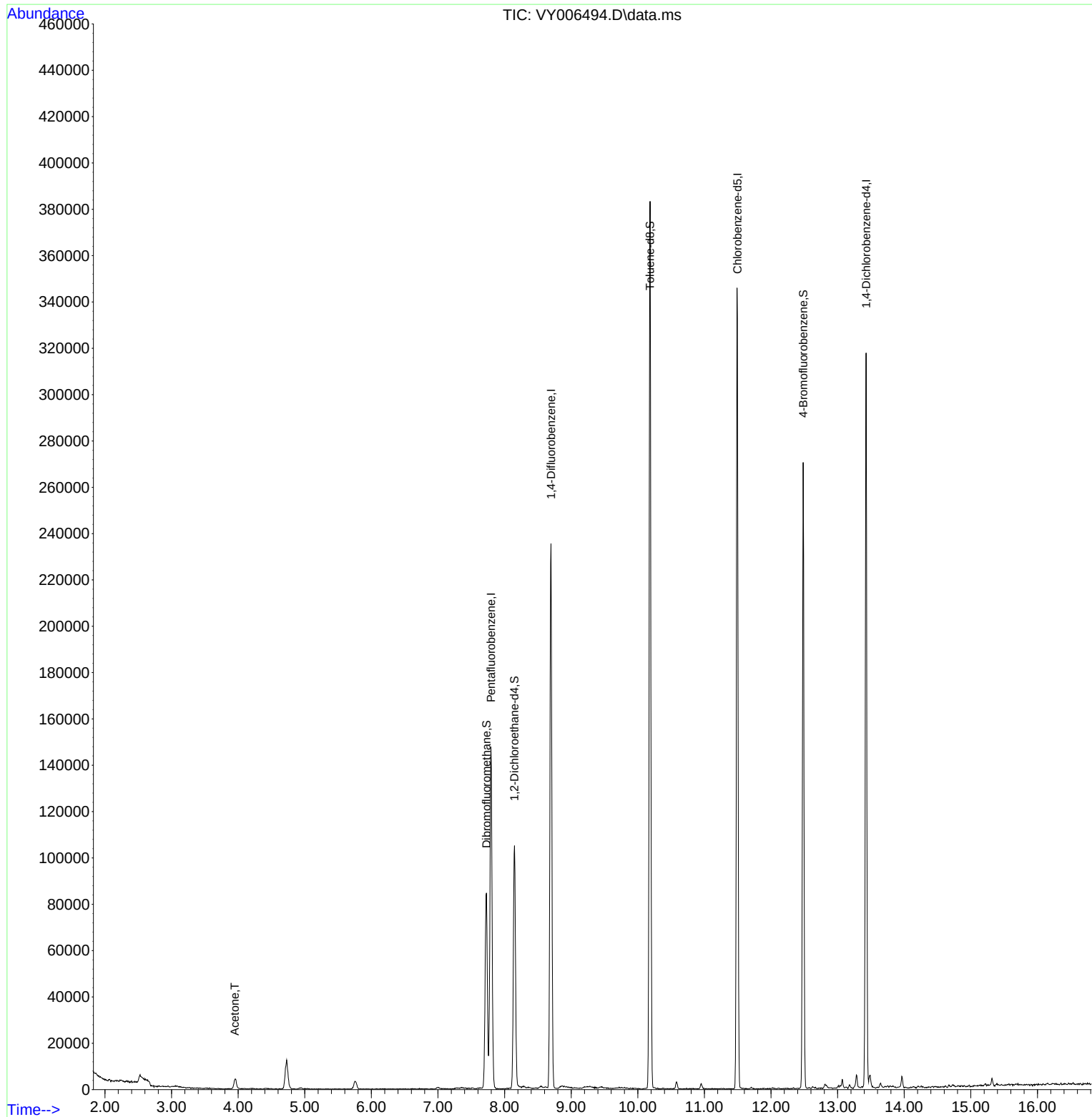
Internal Standards						
1) Pentafluorobenzene	7.795	168	109770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	170900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85976	63.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.300%
35) Dibromofluoromethane	7.728	113	56632	55.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.185	98	239807	55.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.020%
62) 4-Bromofluorobenzene	12.483	95	73215	49.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%
Target Compounds						
16) Acetone	3.948	43	7839	20.154	ug/l	Qvalue 94

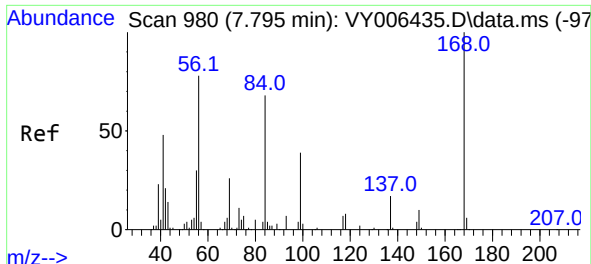
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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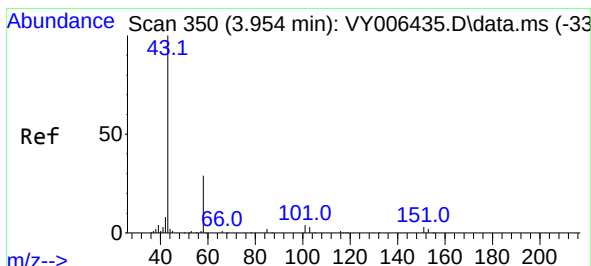
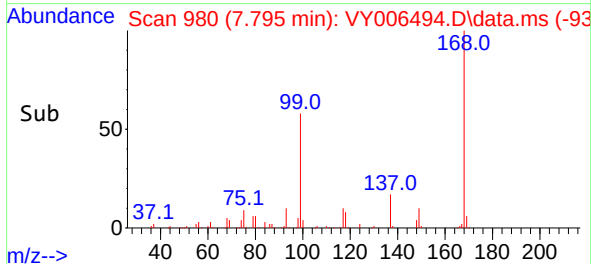
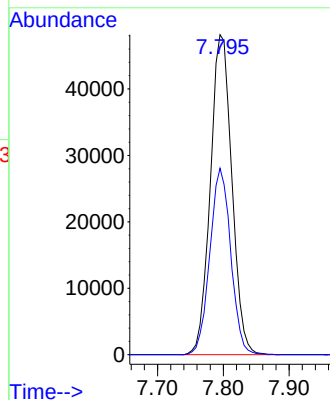
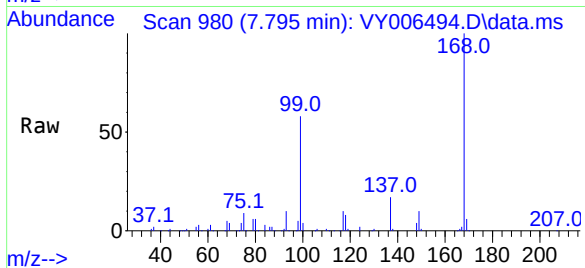




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

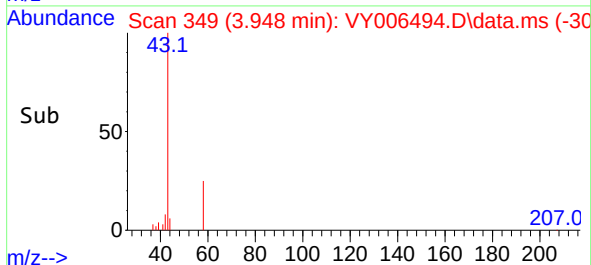
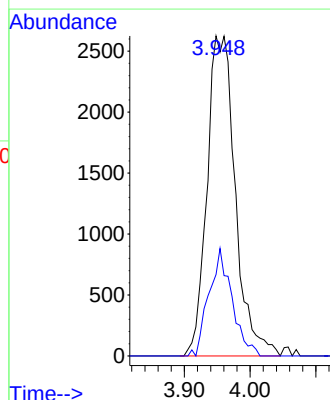
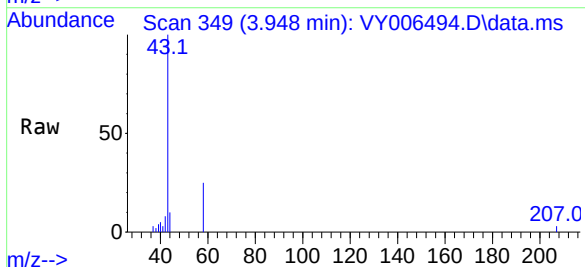
Instrument :
MSVOA_Y
ClientSampleId :
TH-EED

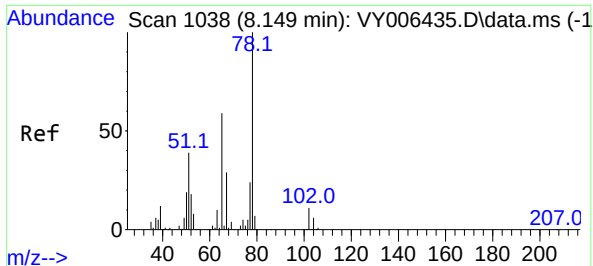
Tgt Ion:168 Resp: 109770
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2



#16
Acetone
Concen: 20.154 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Tgt Ion: 43 Resp: 7839
Ion Ratio Lower Upper
43 100
58 25.4 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 63.649 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006494.D

Acq: 26 Oct 2021 20:20

Instrument :

MSVOA_Y

ClientSampleId :

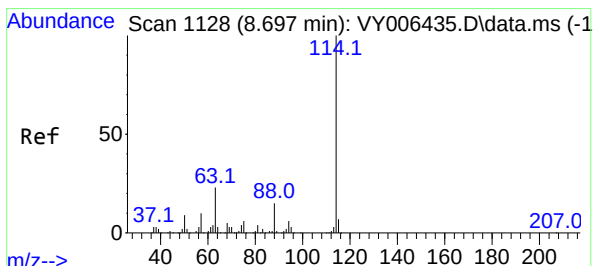
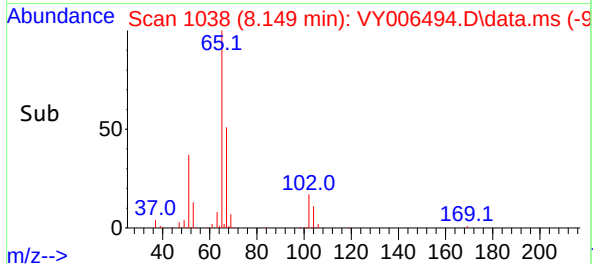
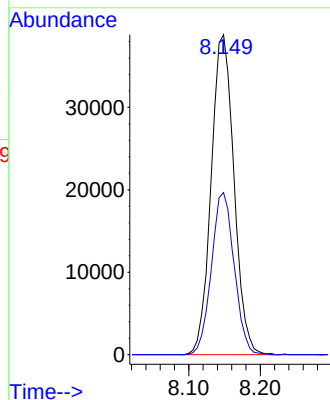
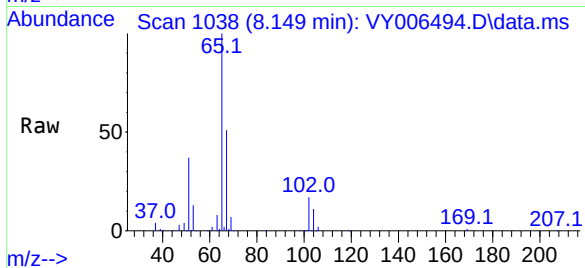
TH-EED

Tgt Ion: 65 Resp: 85976

Ion Ratio Lower Upper

65 100

67 50.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006494.D

Acq: 26 Oct 2021 20:20

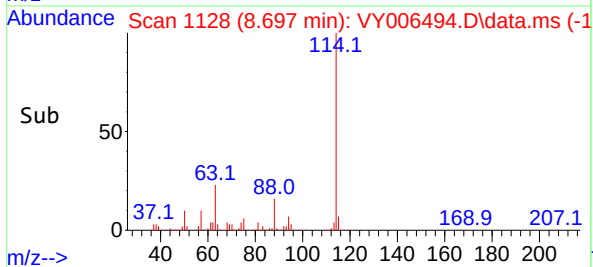
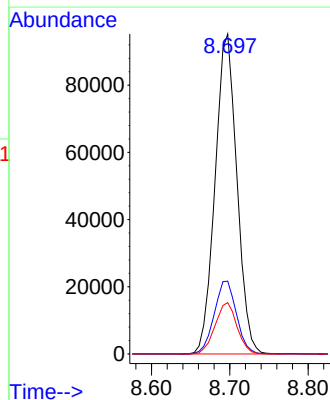
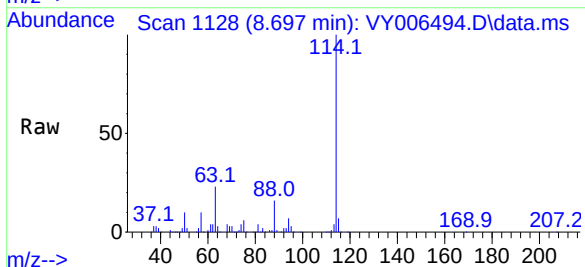
Tgt Ion: 114 Resp: 184511

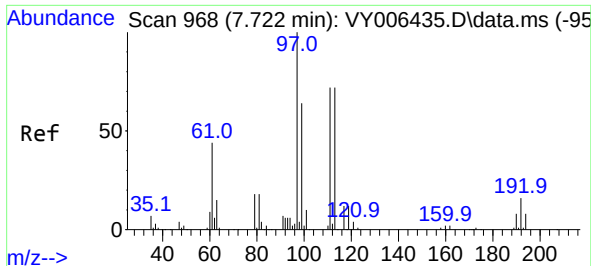
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 16.0 0.0 30.6

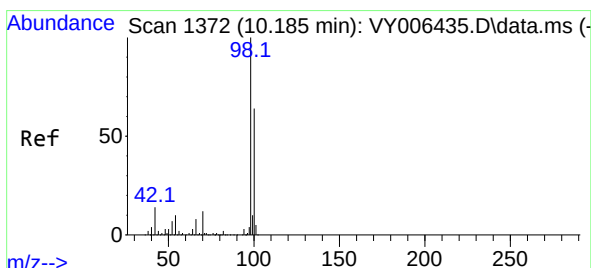
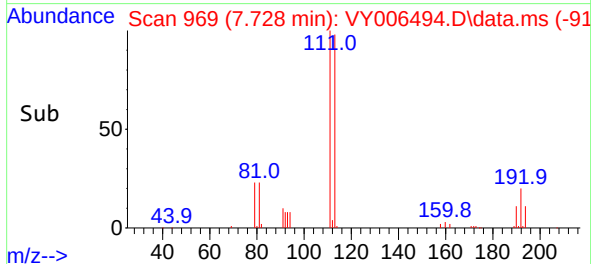
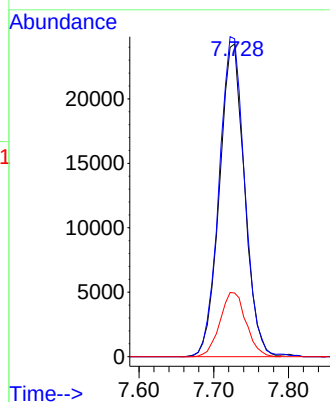
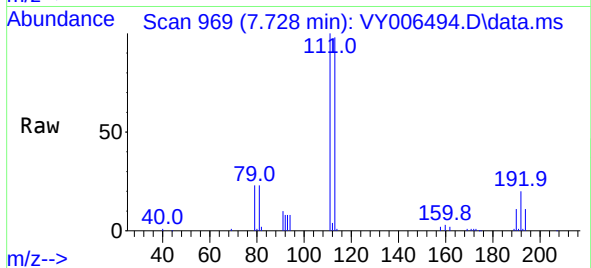




#35
Dibromofluoromethane
Concen: 55.067 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

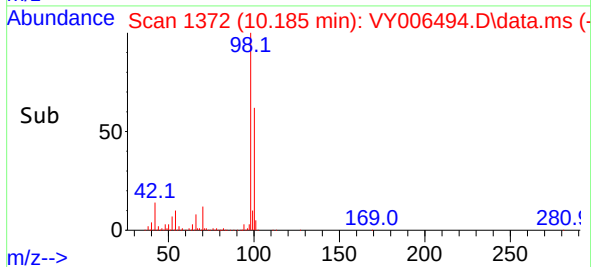
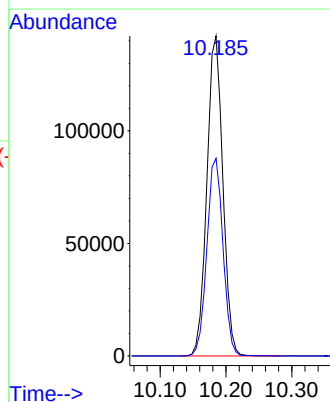
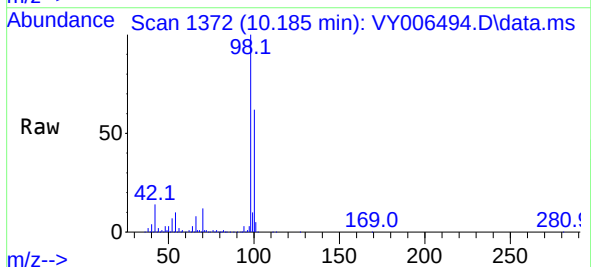
Instrument :
MSVOA_Y
ClientSampleId :
TH-EED

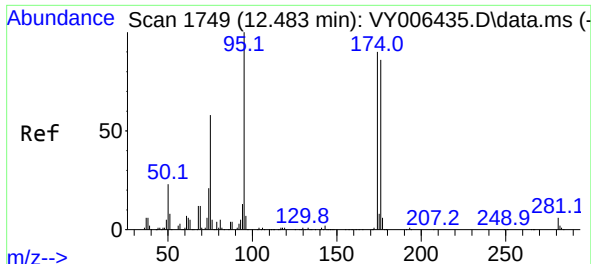
Tgt Ion:113 Resp: 56632
Ion Ratio Lower Upper
113 100
111 104.3 82.3 123.5
192 21.3 17.4 26.2



#50
Toluene-d8
Concen: 55.007 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Tgt Ion: 98 Resp: 239807
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3

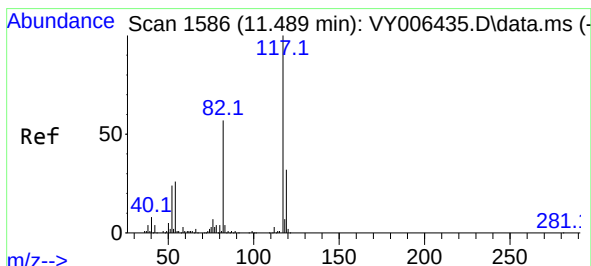
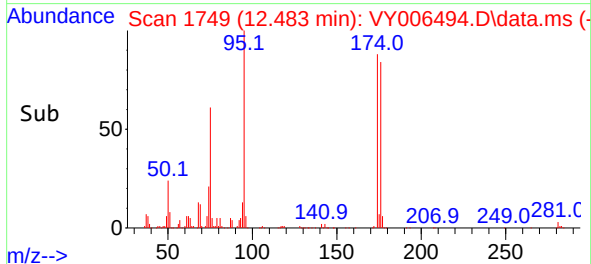
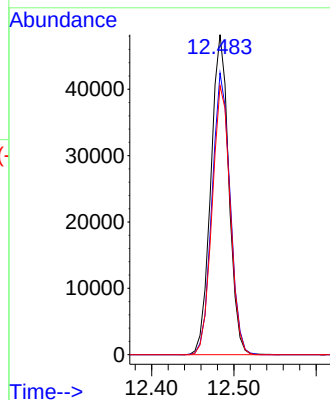
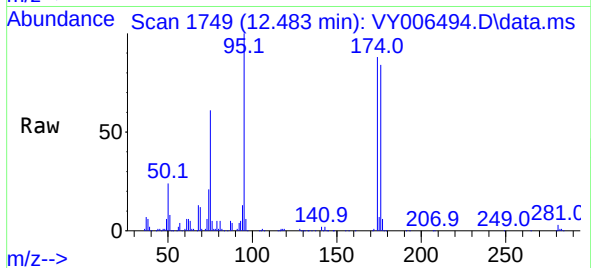




#62
4-Bromofluorobenzene
Concen: 49.855 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

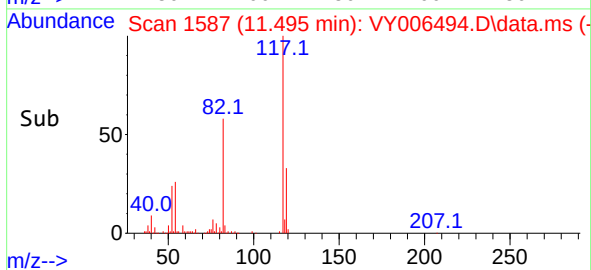
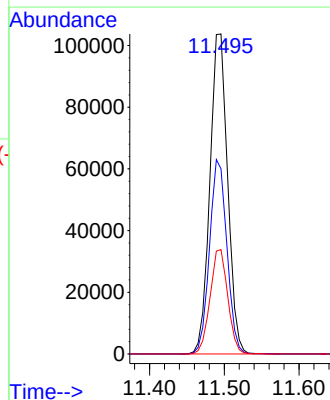
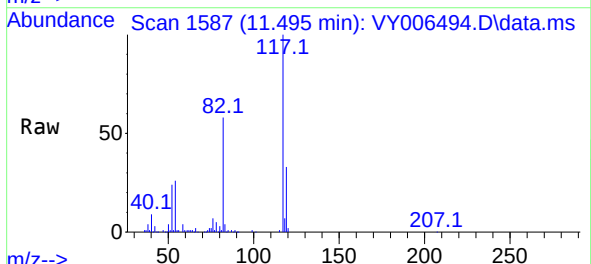
Instrument :
MSVOA_Y
ClientSampleId :
TH-EED

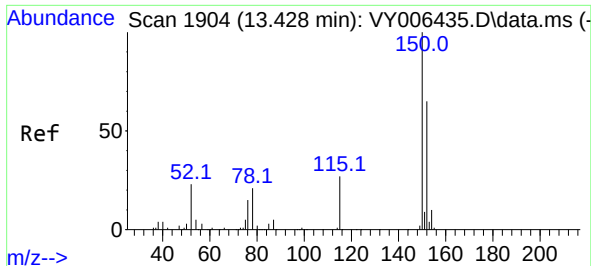
Tgt Ion: 95 Resp: 73215
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 84.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006494.D
Acq: 26 Oct 2021 20:20

Tgt Ion: 117 Resp: 170900
Ion Ratio Lower Upper
117 100
82 57.9 45.7 68.5
119 32.6 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: VY006494.D
 Acq: 26 Oct 2021 20:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-EED

Tgt Ion:152 Resp: 73534
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.5 85.5
 150 156.4 0.0 348.2

