

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005862.D
 Acq On : 26 Aug 2021 15:42
 Operator : SY/MD
 Sample : M3547-05
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Quant Time: Aug 27 03:26:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

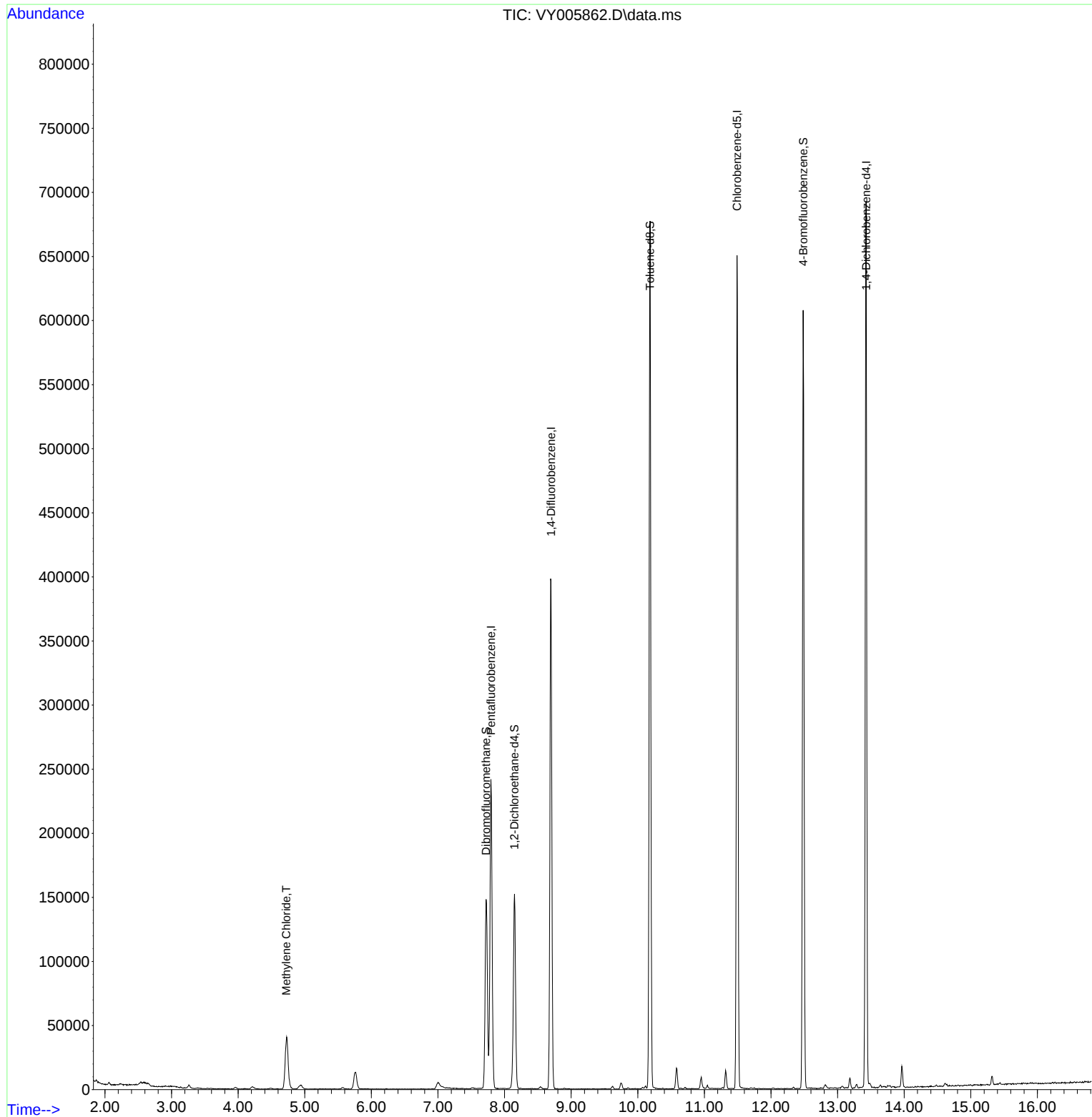
Internal Standards						
1) Pentafluorobenzene	7.795	168	194158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120947	61.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.080%
35) Dibromofluoromethane	7.722	113	102098	54.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.185	98	434602	54.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.820%
62) 4-Bromofluorobenzene	12.483	95	153115	58.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.840%
Target Compounds						
20) Methylene Chloride	4.723	84	30021	10.493	ug/l	Qvalue 96

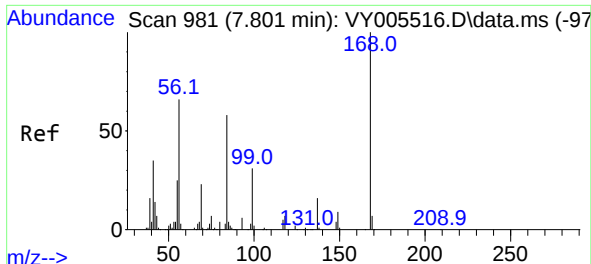
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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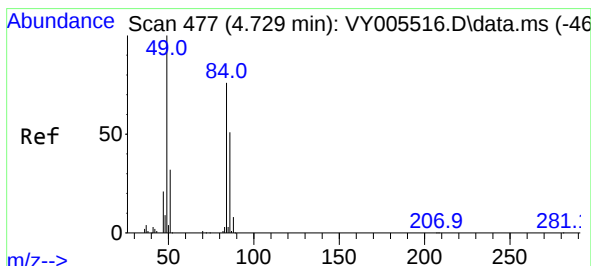
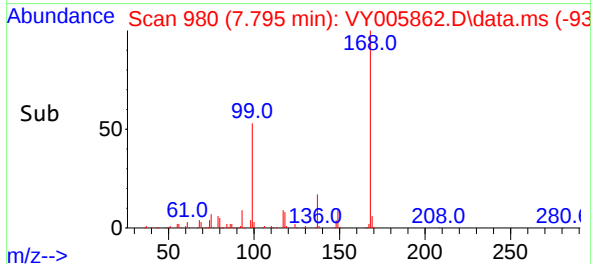
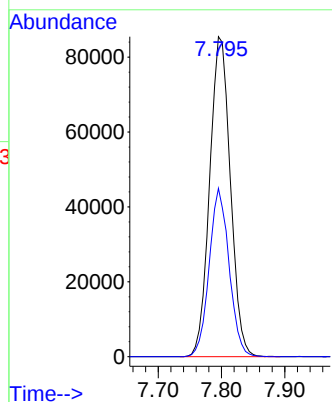
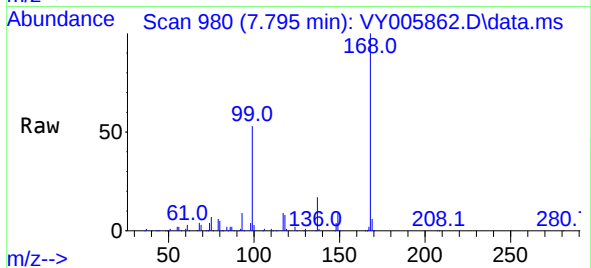




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

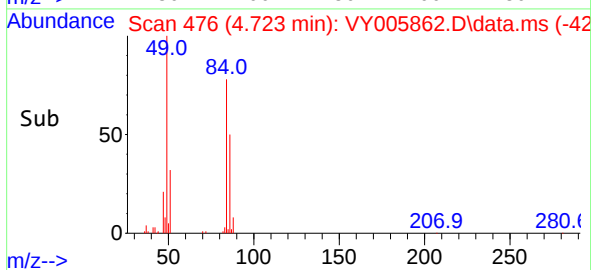
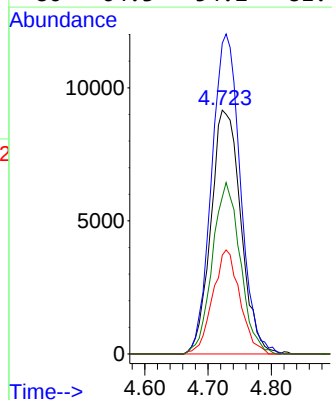
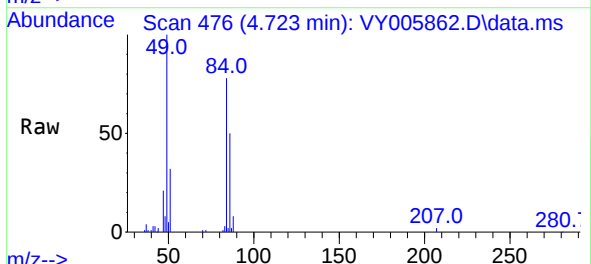
Instrument :
MSVOA_Y
ClientSampleId :
PE-4

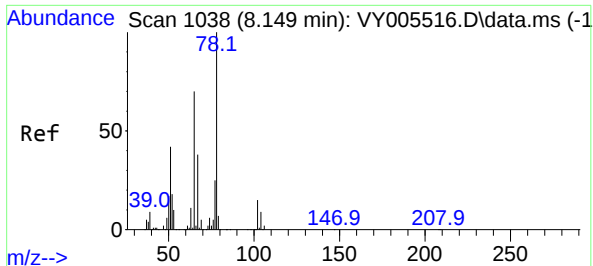
Tgt Ion:168 Resp: 194158
Ion Ratio Lower Upper
168 100
99 52.6 38.9 58.3



#20
Methylene Chloride
Concen: 10.493 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion: 84 Resp: 30021
Ion Ratio Lower Upper
84 100
49 127.4 105.8 158.6
51 40.5 33.4 50.2
86 64.3 54.2 81.4

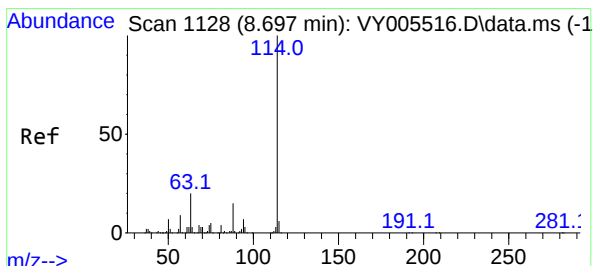
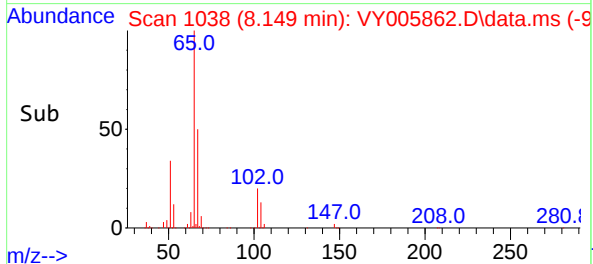
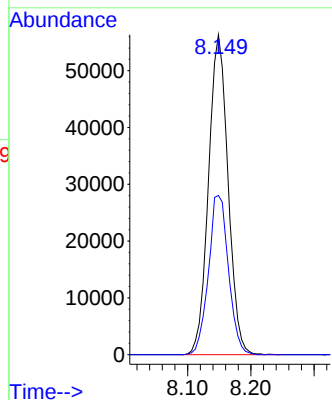
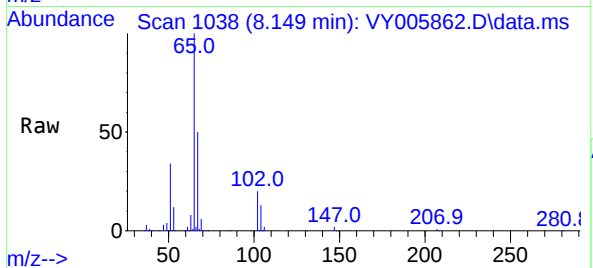




#33
1,2-Dichloroethane-d4
Concen: 61.539 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

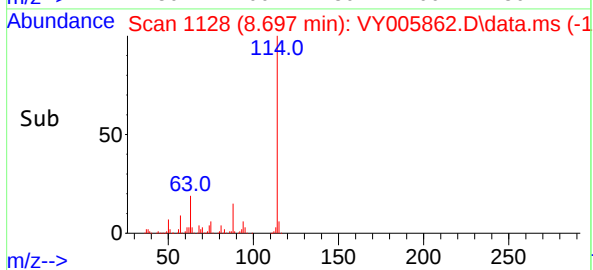
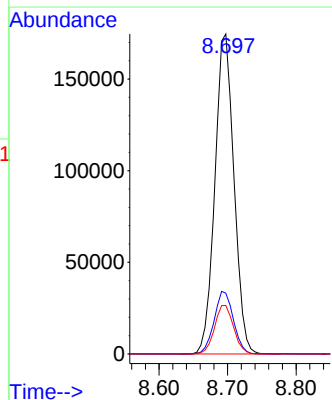
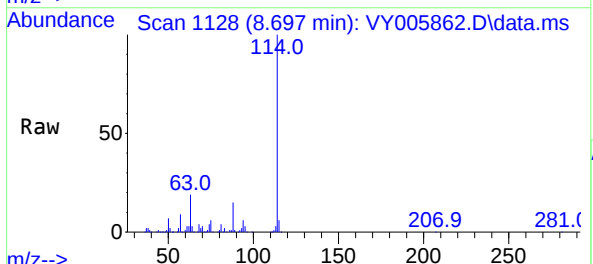
Instrument :
MSVOA_Y
ClientSampled :
PE-4

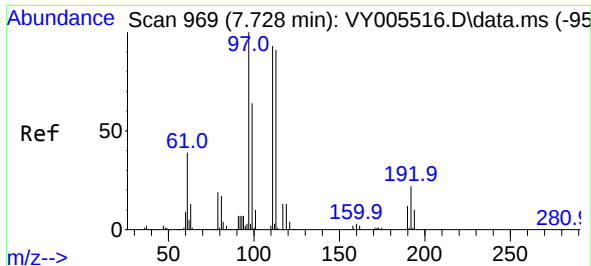
Tgt Ion: 65 Resp: 120947
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion:114 Resp: 337053
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.2
88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.104 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005862.D

Acq: 26 Aug 2021 15:42

Instrument :

MSVOA_Y

ClientSampleId :

PE-4

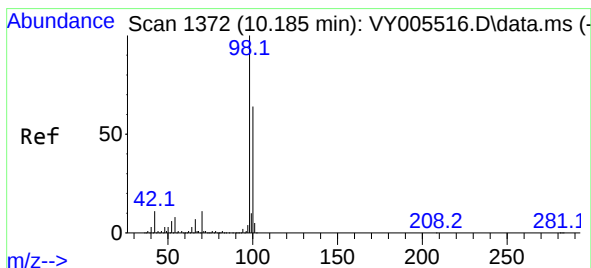
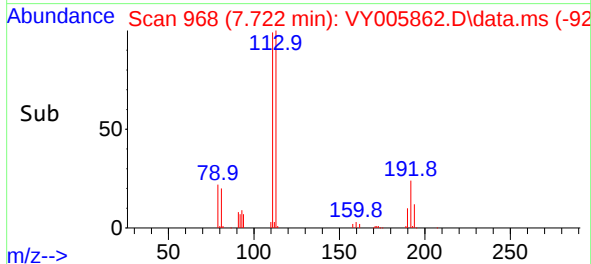
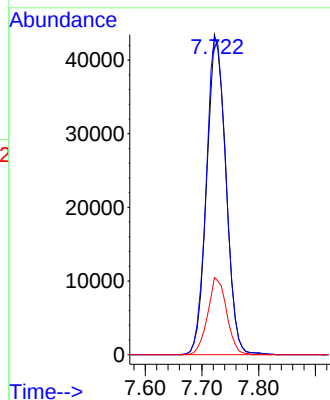
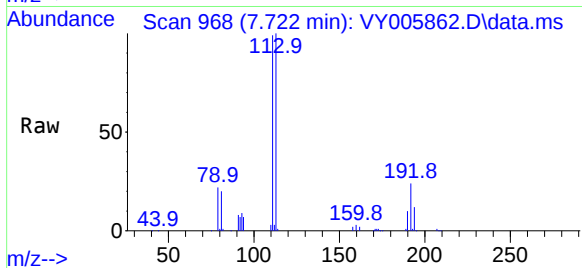
Tgt Ion:113 Resp: 102098

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 23.8 19.2 28.8



#50

Toluene-d8

Concen: 54.914 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY005862.D

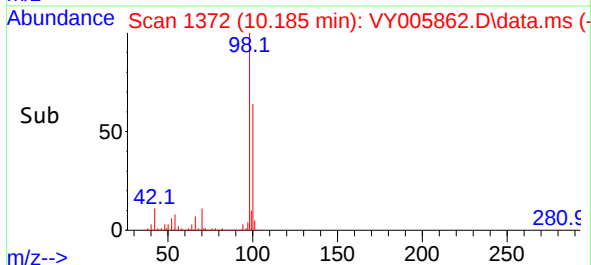
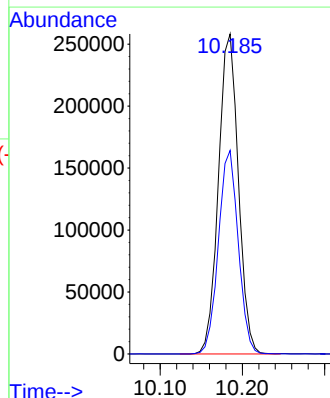
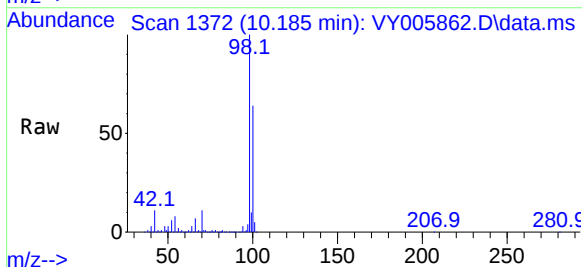
Acq: 26 Aug 2021 15:42

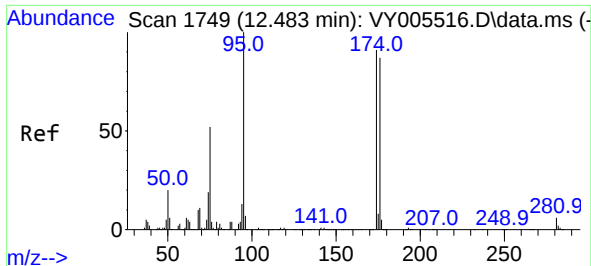
Tgt Ion: 98 Resp: 434602

Ion Ratio Lower Upper

98 100

100 63.3 51.3 76.9



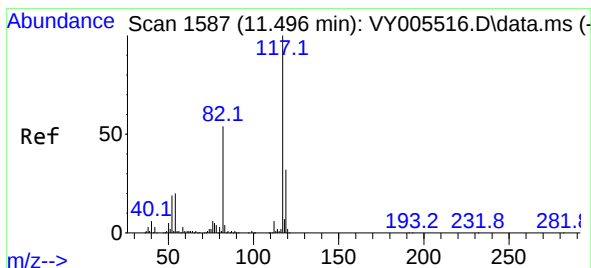
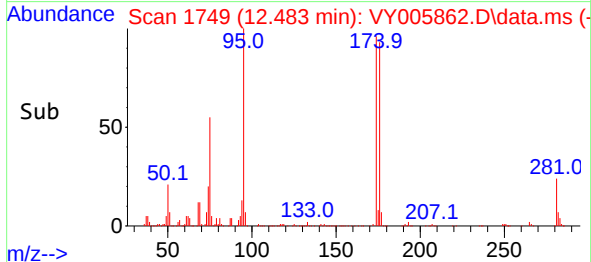
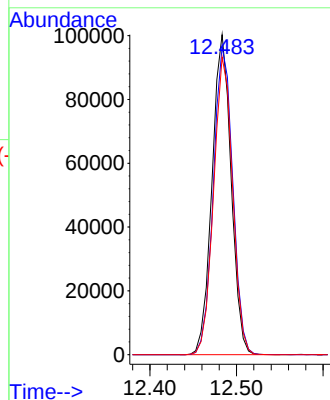
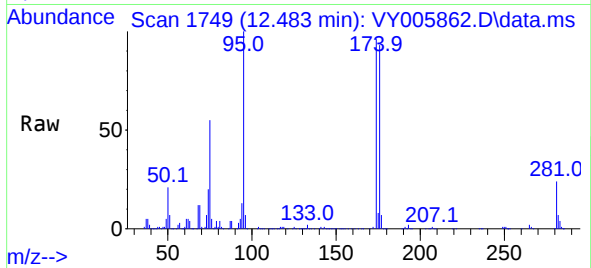


#62
4-Bromofluorobenzene
Concen: 58.423 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Instrument :
MSVOA_Y
ClientSampled :
PE-4

Tgt Ion: 95 Resp: 153115

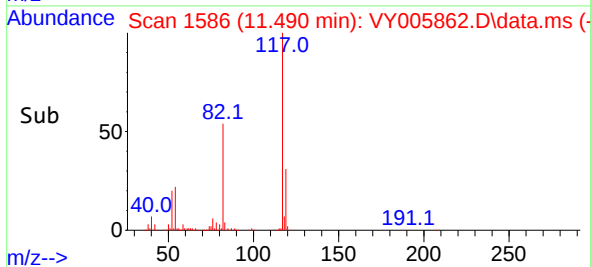
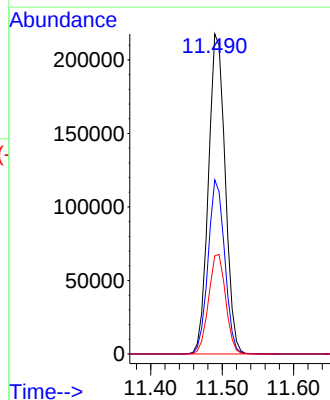
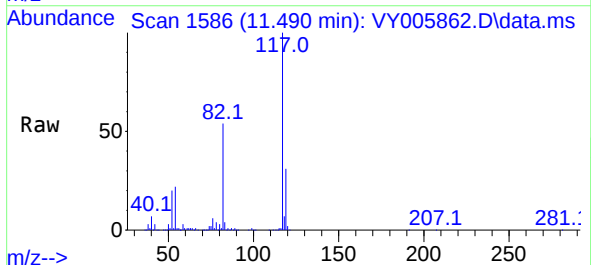
Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	191.4
176	93.0	0.0	183.6

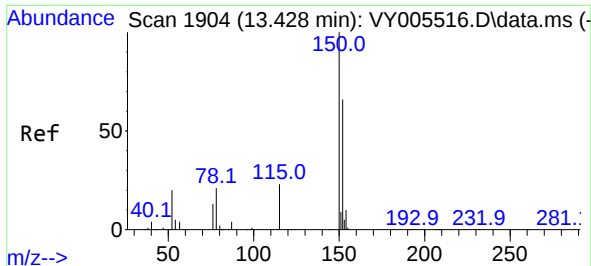


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005862.D
Acq: 26 Aug 2021 15:42

Tgt Ion: 117 Resp: 354368

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	30.6	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: VY005862.D
 Acq: 26 Aug 2021 15:42

Instrument :
 MSVOA_Y
 ClientSampled :
 PE-4

Tgt Ion:152 Resp: 180461
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.3 81.9
 150 156.9 0.0 350.2

