

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006074.D
 Acq On : 17 Sep 2021 16:46
 Operator : SY/MD
 Sample : M3775-05
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Quant Time: Sep 20 01:42:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

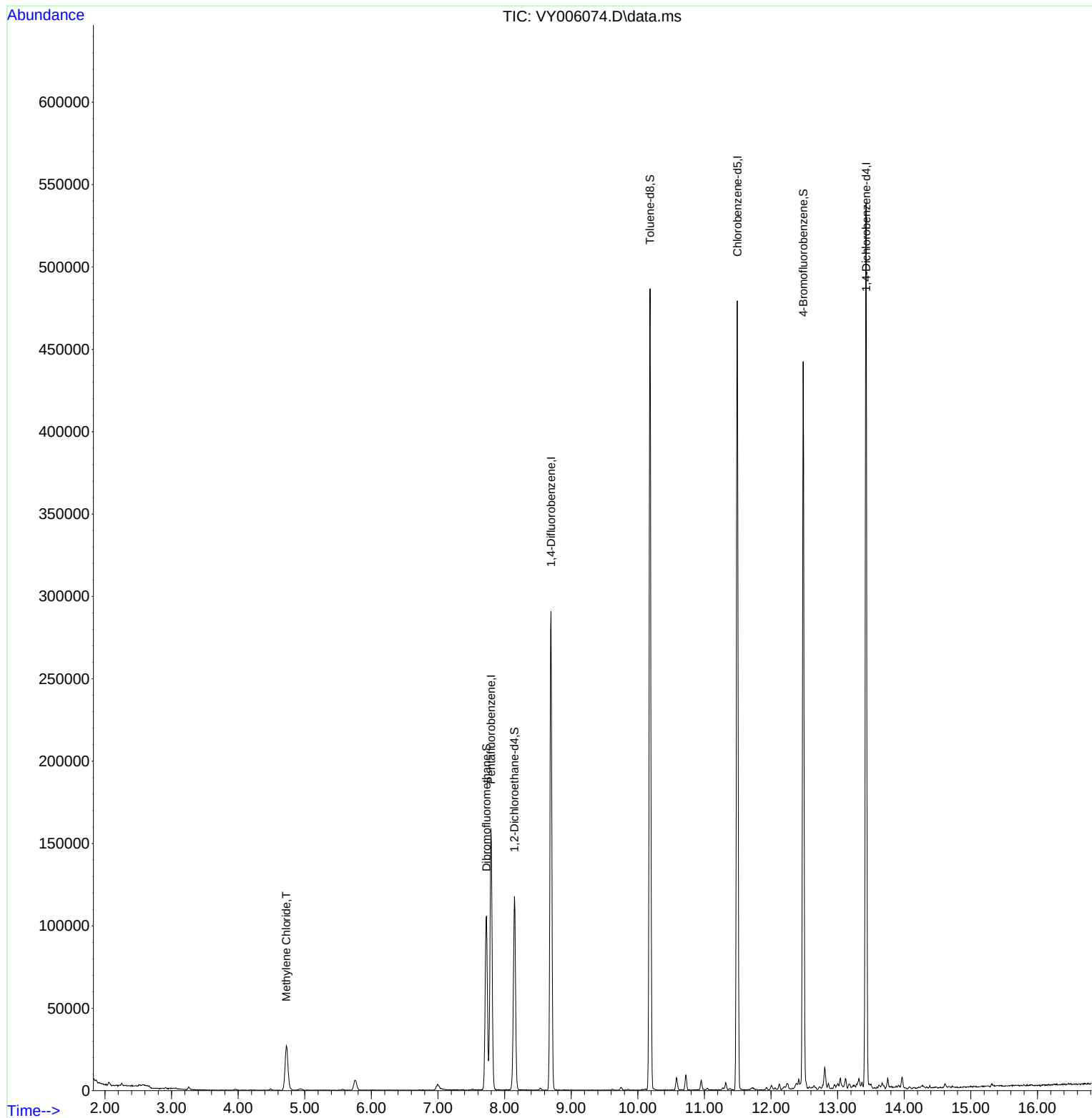
Internal Standards						
1) Pentafluorobenzene	7.795	168	121716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	253685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96000	56.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.56%
35) Dibromofluoromethane	7.728	113	71786	49.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.94%
50) Toluene-d8	10.185	98	306147	50.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.00%
62) 4-Bromofluorobenzene	12.483	95	120832	58.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.26%
Target Compounds						
20) Methylene Chloride	4.722	84	19657	9.85	ug/l	Qvalue # 83

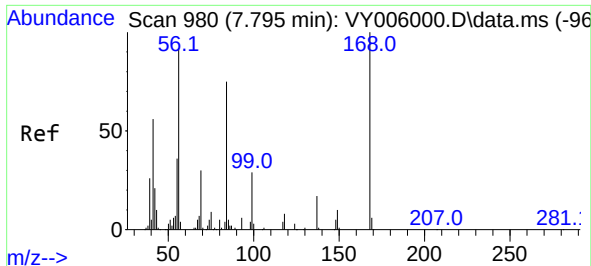
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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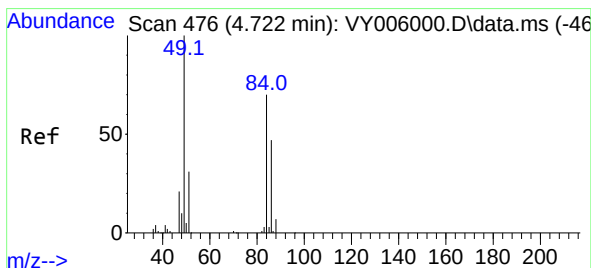
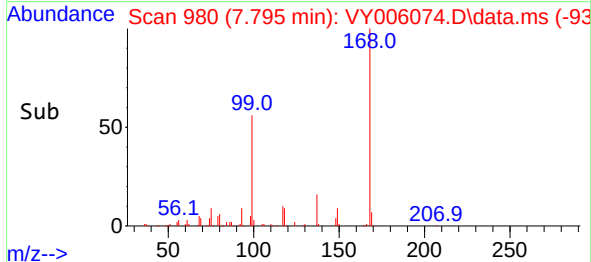
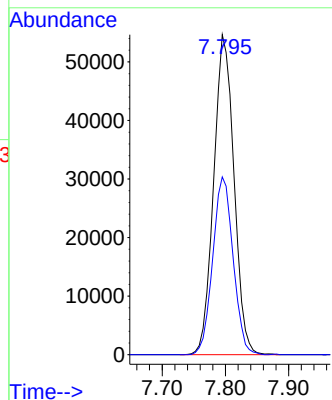
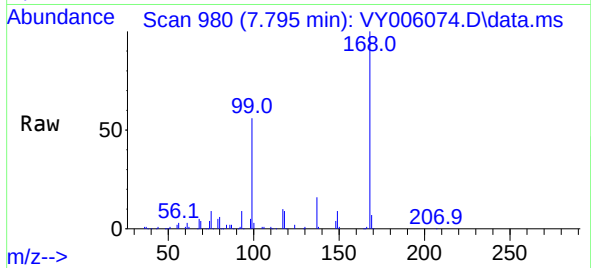




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

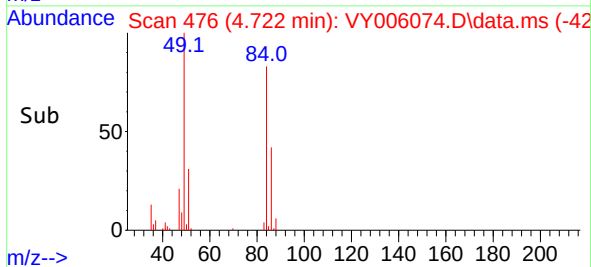
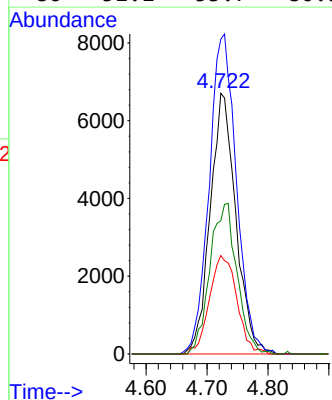
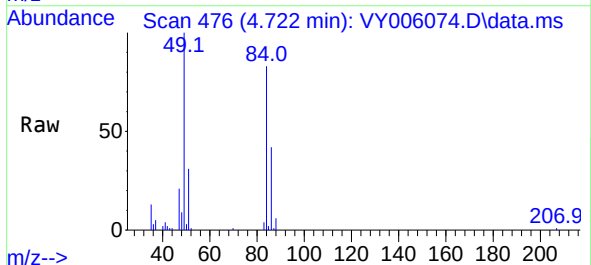
Instrument :
MSVOA_Y
ClientSampled :
PE-4

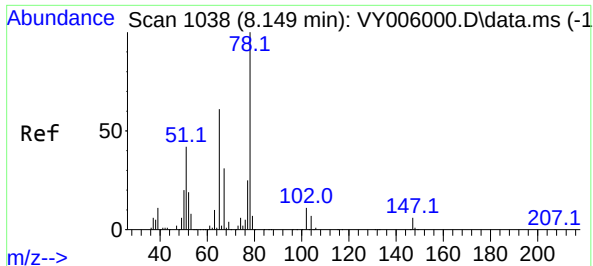
Tgt Ion:168 Resp: 121716
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#20
Methylene Chloride
Concen: 9.85 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

Tgt Ion: 84 Resp: 19657
Ion Ratio Lower Upper
84 100
49 120.8 114.4 171.6
51 37.8 35.3 52.9
86 51.1 53.7 80.5#

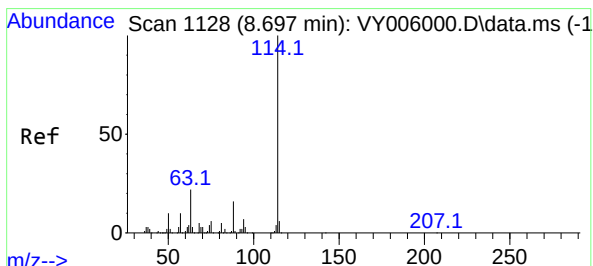
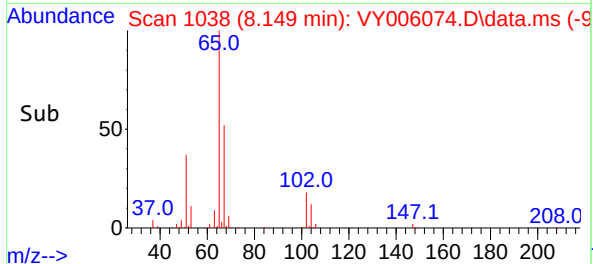
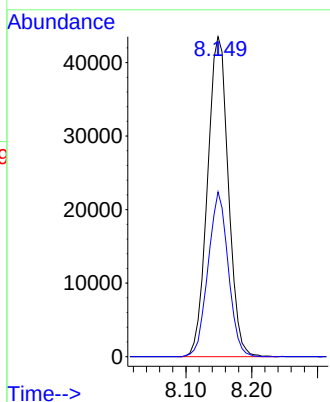
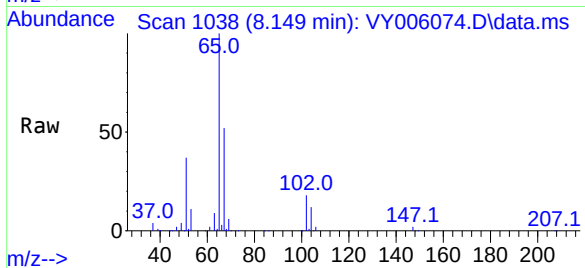




#33
1,2-Dichloroethane-d4
Concen: 56.78 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

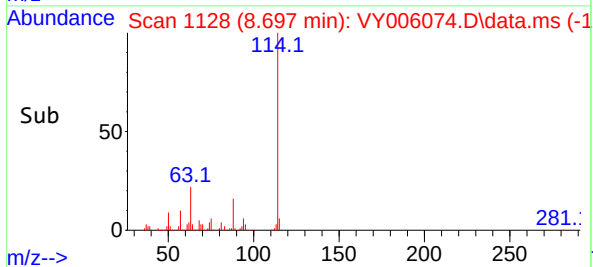
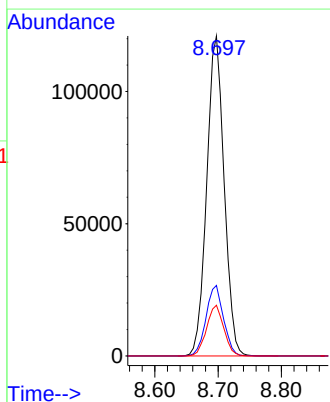
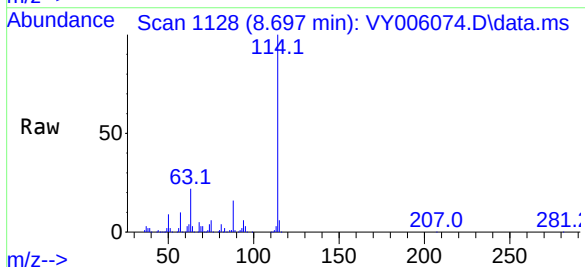
Instrument :
MSVOA_Y
ClientSampled :
PE-4

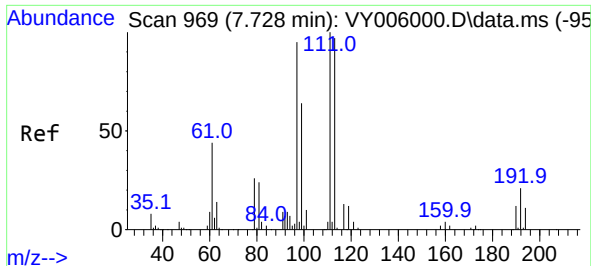
Tgt Ion: 65 Resp: 96000
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

Tgt Ion: 114 Resp: 231276
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 15.8 0.0 31.8

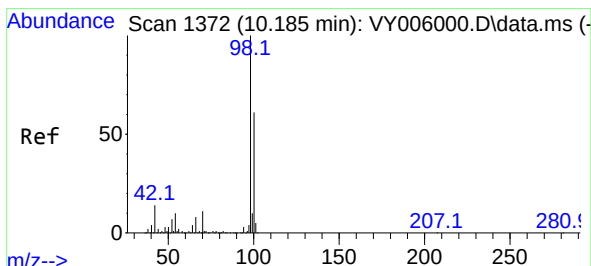
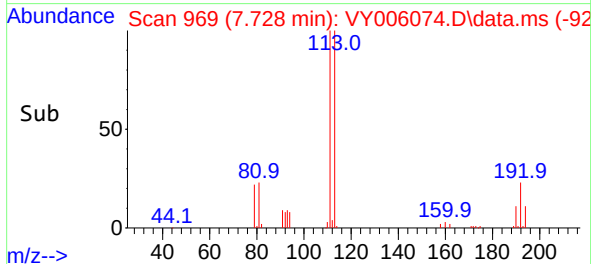
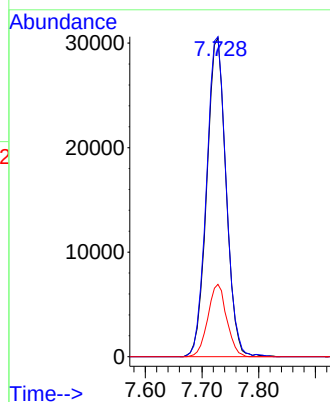
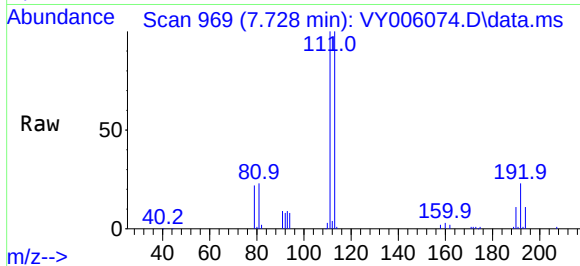




#35
Dibromofluoromethane
Concen: 49.97 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

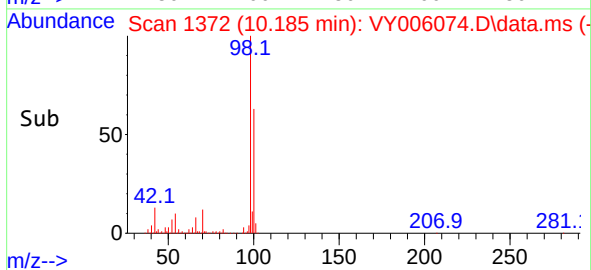
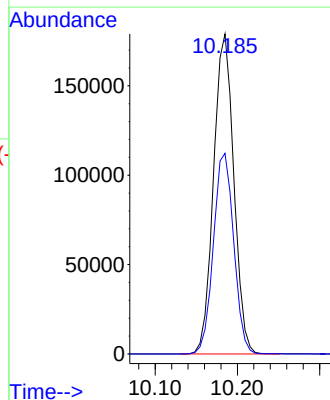
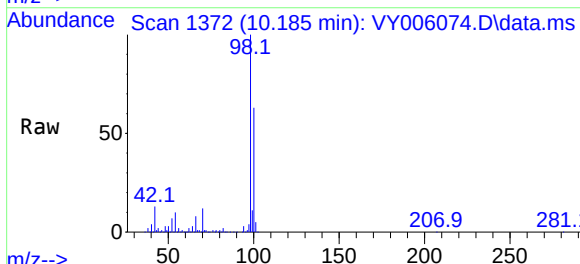
Instrument :
MSVOA_Y
ClientSampled :
PE-4

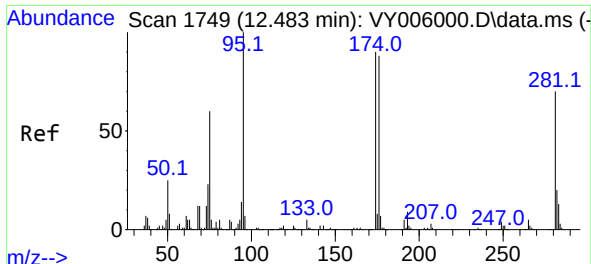
Tgt Ion:	113	Resp:	71786
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	22.2	17.6	26.4



#50
Toluene-d8
Concen: 50.00 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

Tgt Ion:	98	Resp:	306147
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.2	75.2



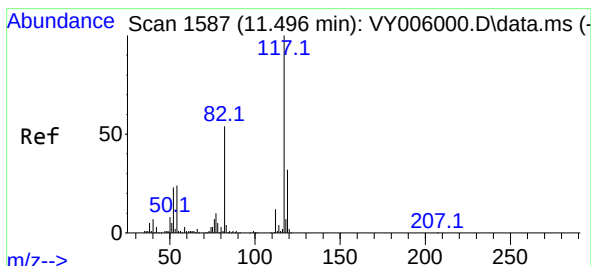
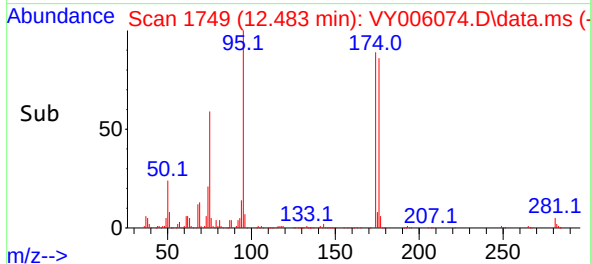
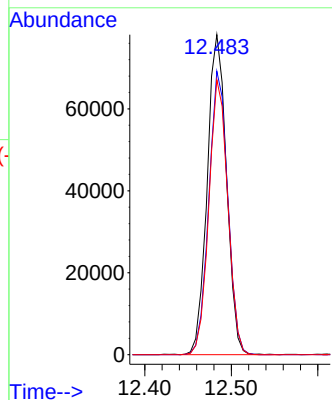
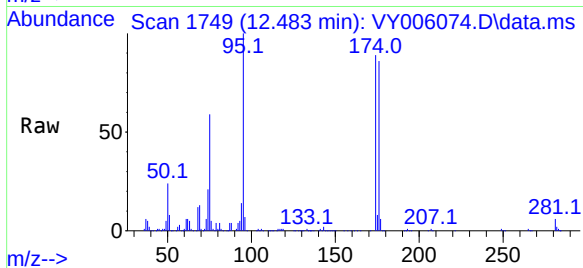


#62
4-Bromofluorobenzene
Concen: 58.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

Instrument :
MSVOA_Y
ClientSampled :
PE-4

Tgt Ion: 95 Resp: 120832

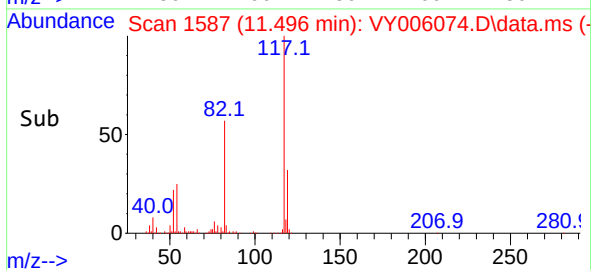
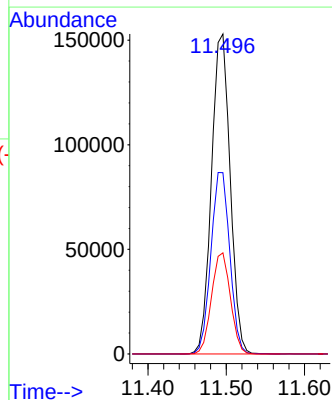
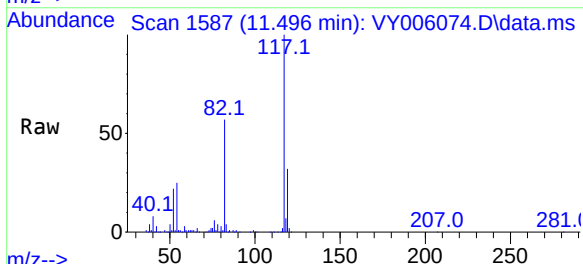
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	177.0
176	84.1	0.0	175.8

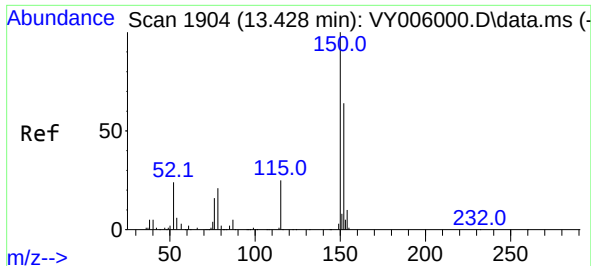


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006074.D
Acq: 17 Sep 2021 16:46

Tgt Ion: 117 Resp: 253685

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.0	64.4
119	31.6	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006074.D
 Acq: 17 Sep 2021 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Tgt Ion:152 Resp: 130357
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 157.9 0.0 347.6

