

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006073.D
 Acq On : 17 Sep 2021 16:23
 Operator : SY/MD
 Sample : M3775-04
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Quant Time: Sep 20 01:42:00 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)

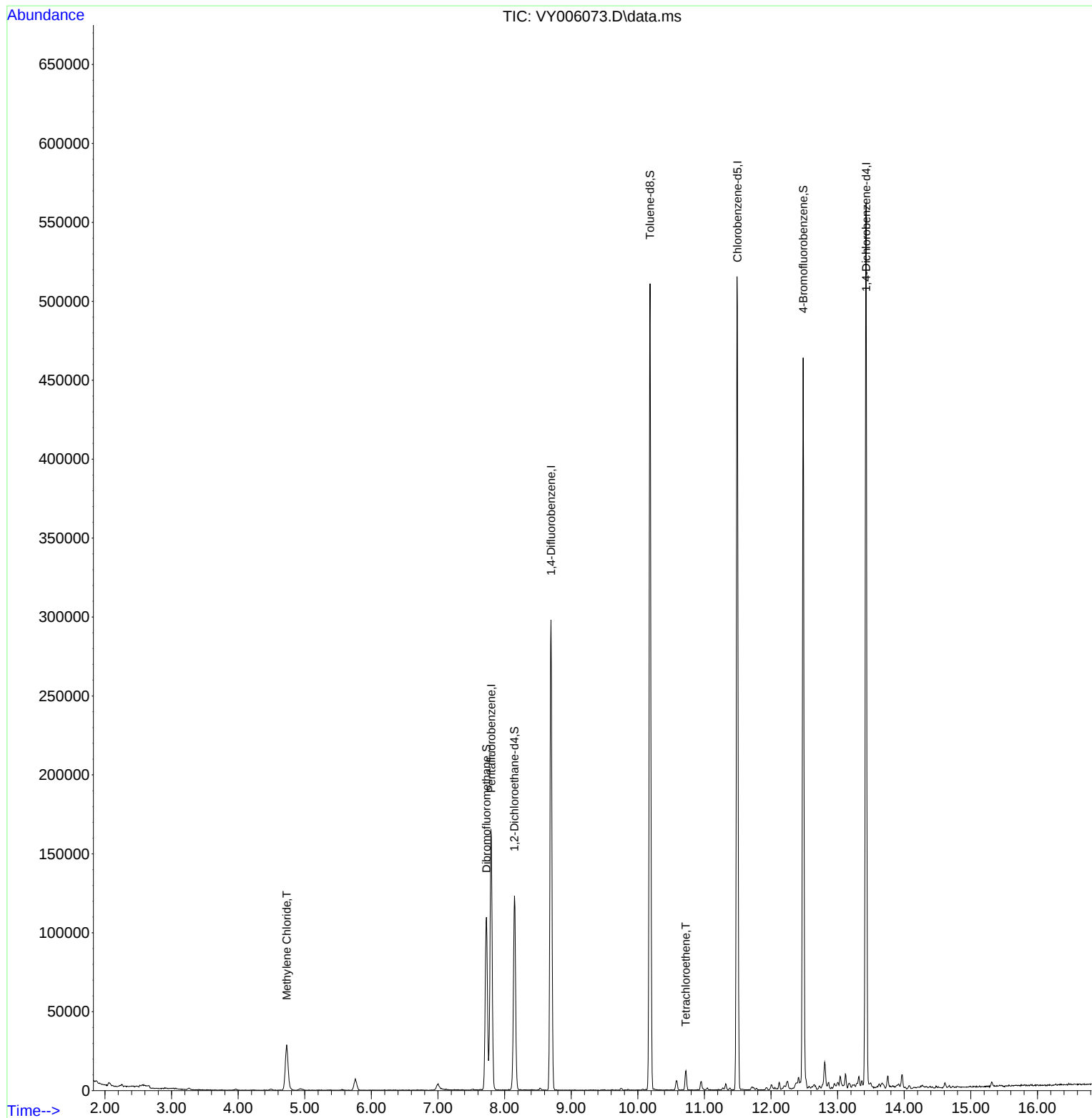
Internal Standards						
1) Pentafluorobenzene	7.801	168	126003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	241157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	261936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100658	57.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.02%
35) Dibromofluoromethane	7.728	113	74373	49.65	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.30%
50) Toluene-d8	10.185	98	317706	49.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.54%
62) 4-Bromofluorobenzene	12.483	95	124078	57.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.50%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	19803	9.45	ug/l	92
64) Tetrachloroethene	10.721	164	2601	1.21	ug/l	93

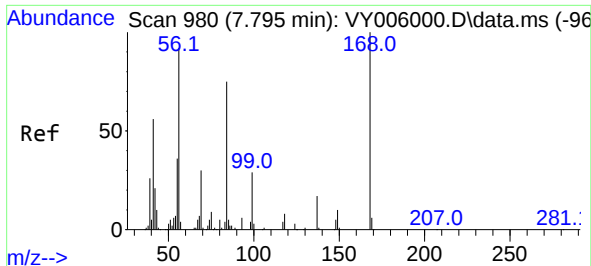
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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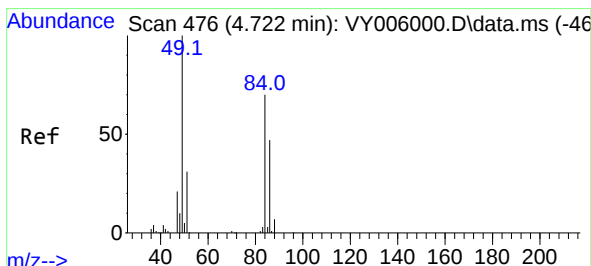
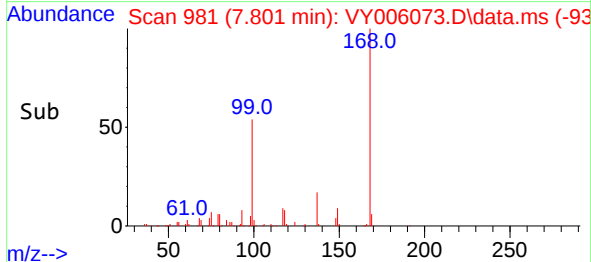
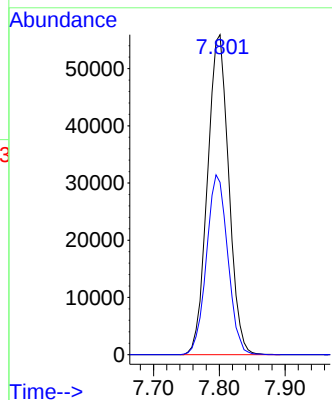
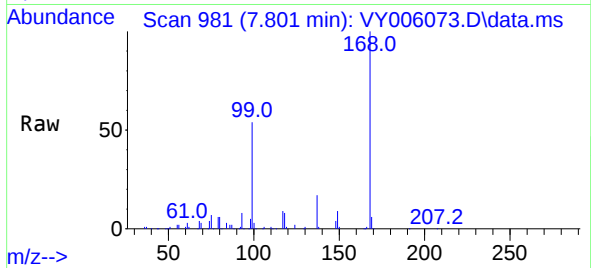




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

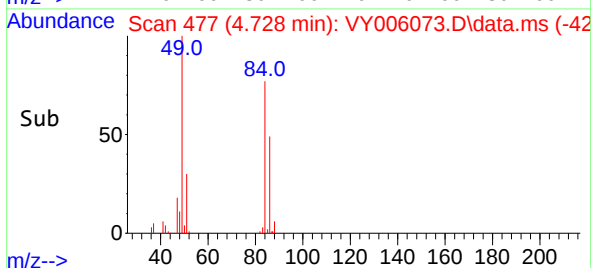
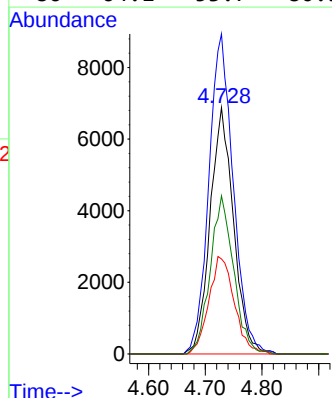
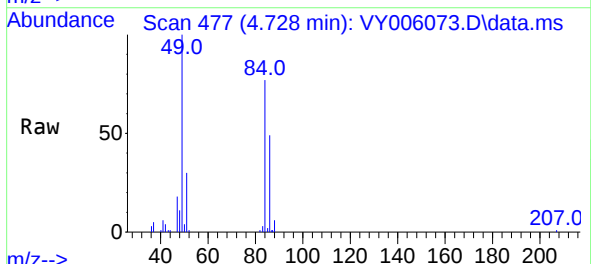
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

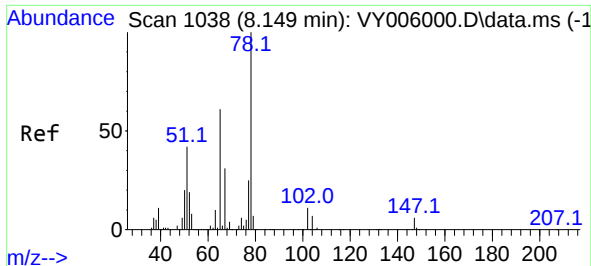
Tgt Ion:168 Resp: 126003
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#20
Methylene Chloride
Concen: 9.45 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

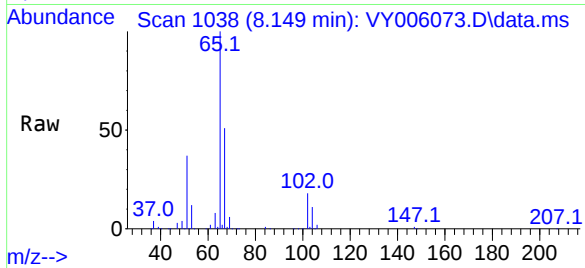
Tgt Ion: 84 Resp: 19803
Ion Ratio Lower Upper
84 100
49 129.8 114.4 171.6
51 38.6 35.3 52.9
86 64.1 53.7 80.5





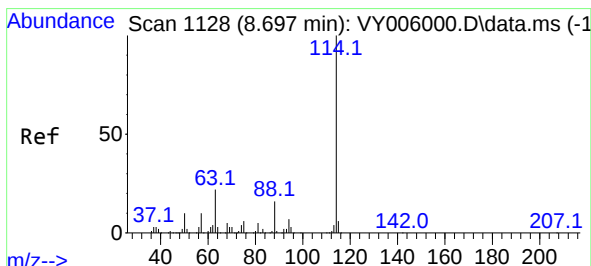
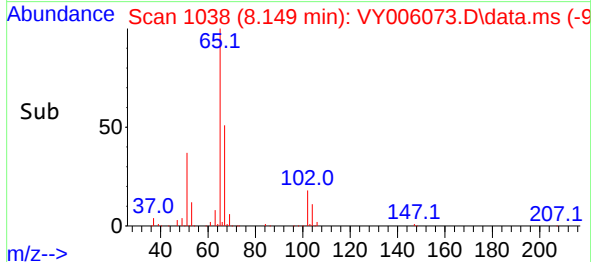
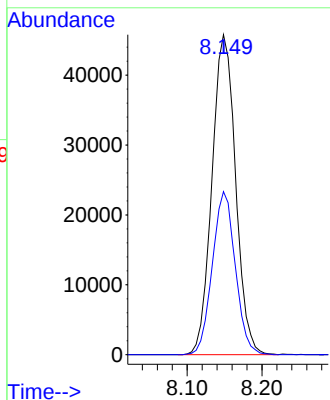
#33
 1,2-Dichloroethane-d4
 Concen: 57.51 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006073.D
 Acq: 17 Sep 2021 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3



Tgt Ion: 65 Resp: 100658

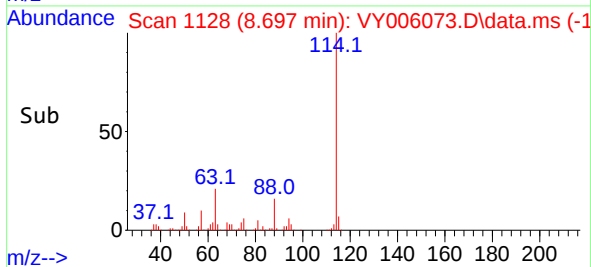
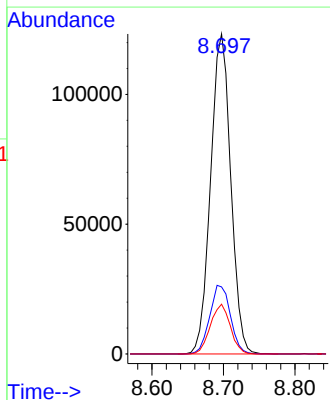
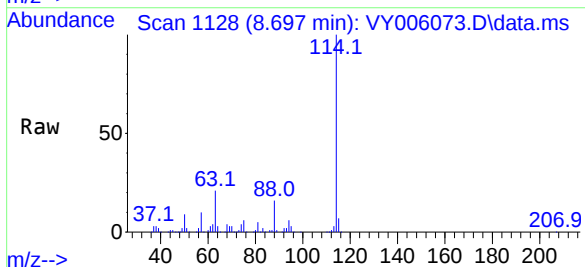
Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.4

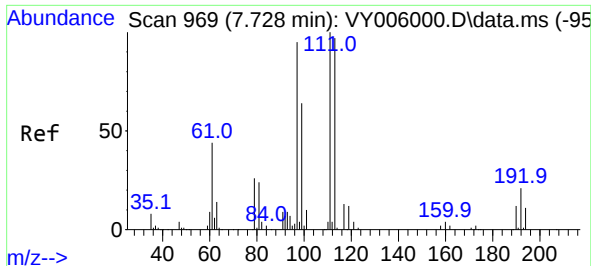


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006073.D
 Acq: 17 Sep 2021 16:23

Tgt Ion: 114 Resp: 241157

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.6	0.0	31.8

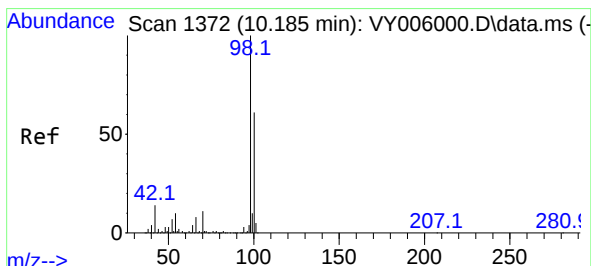
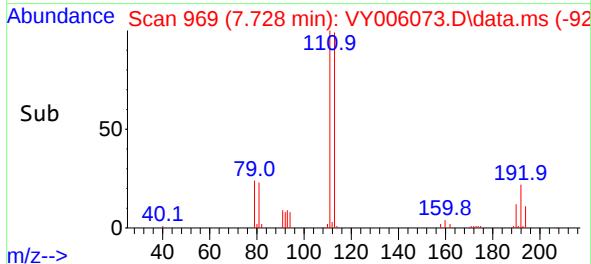
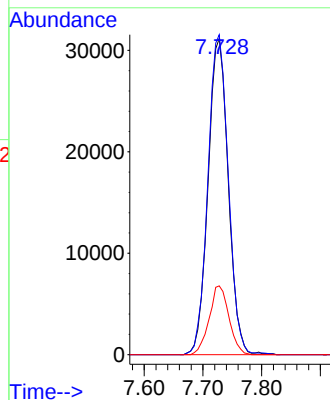
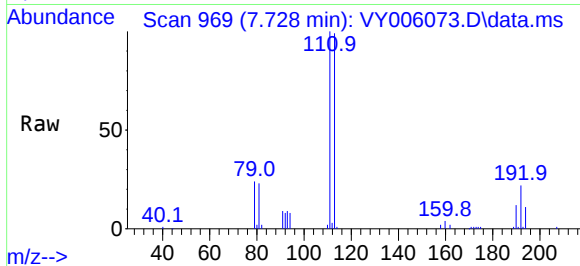




#35
Dibromofluoromethane
Concen: 49.65 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

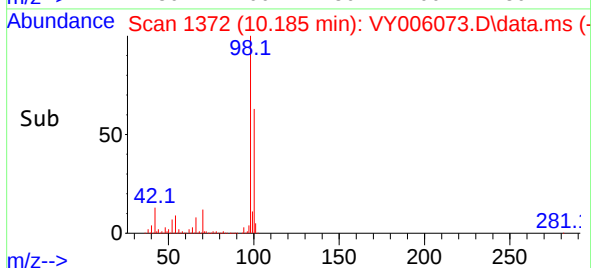
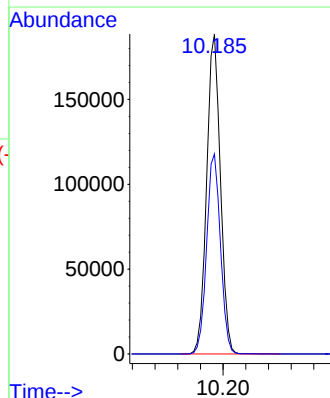
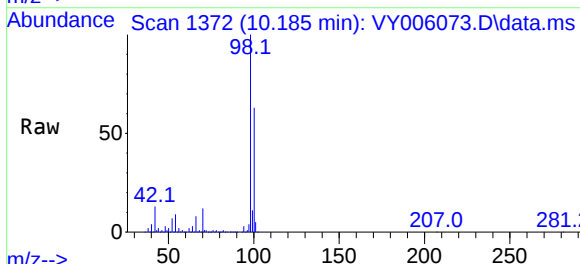
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

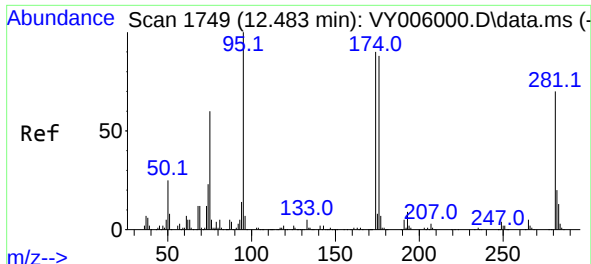
Tgt Ion:	113	Resp:	74373
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	21.3	17.6	26.4



#50
Toluene-d8
Concen: 49.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion:	98	Resp:	317706
Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.2	75.2

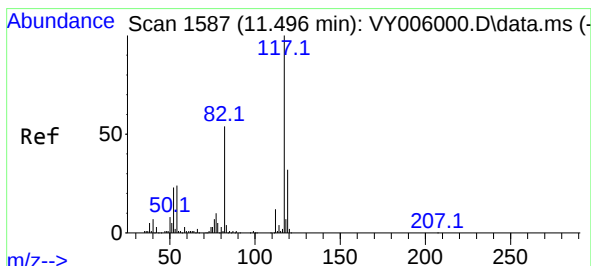
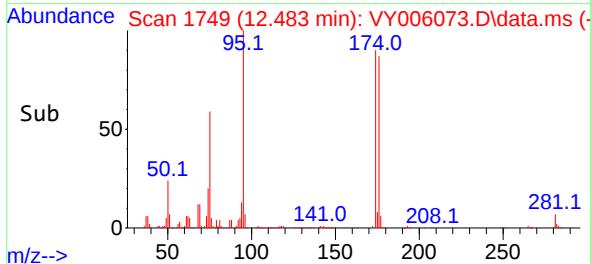
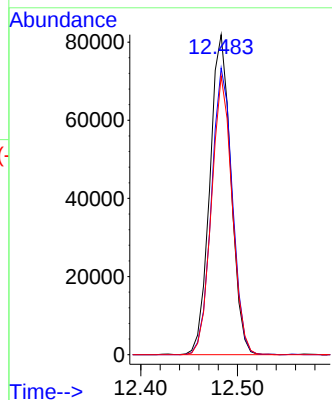
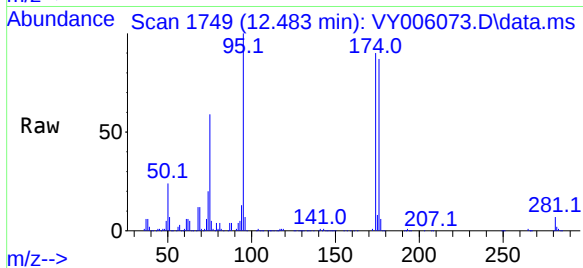




#62
4-Bromofluorobenzene
Concen: 57.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

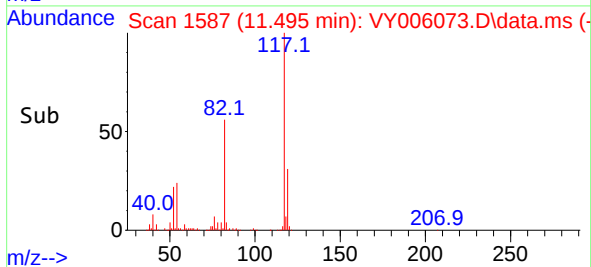
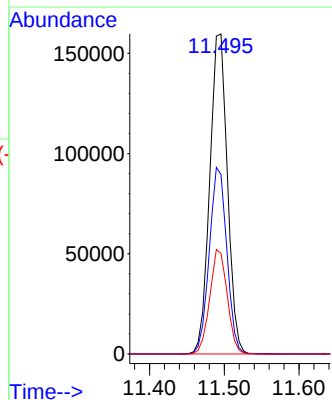
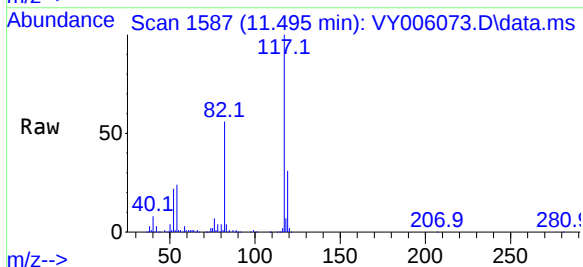
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

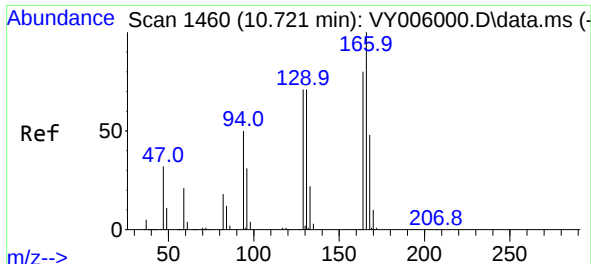
Tgt Ion:	95	Resp:	124078
Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	177.0
176	85.1	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion:	117	Resp:	261936
Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.0	64.4
119	31.4	25.4	38.0



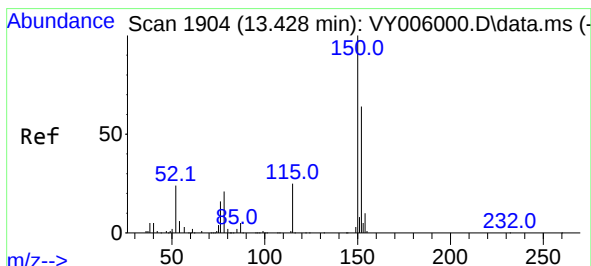
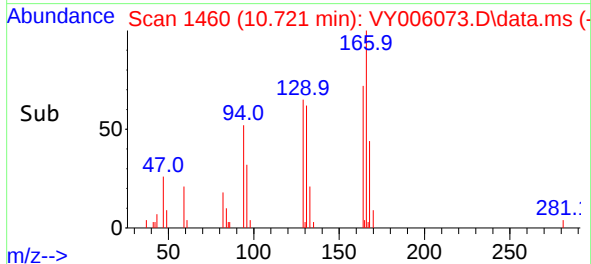
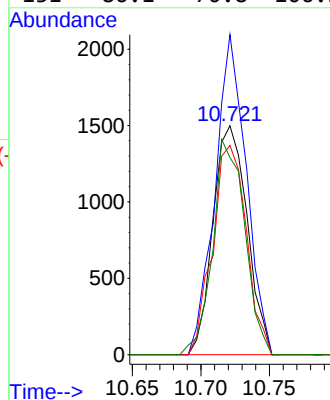
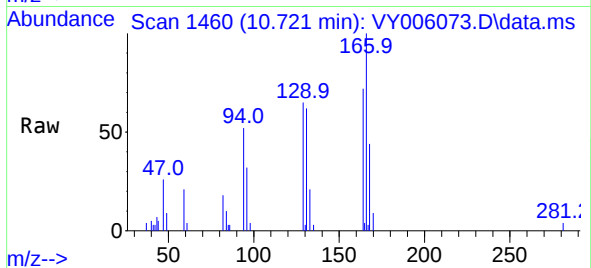


#64
Tetrachloroethene
Concen: 1.21 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Instrument :
MSVOA_Y
ClientSampled :
PE-3

Tgt Ion:164 Resp: 2601

Ion	Ratio	Lower	Upper
164	100		
166	139.8	100.4	150.6
129	91.4	71.4	107.0
131	86.1	70.8	106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006073.D
Acq: 17 Sep 2021 16:23

Tgt Ion:152 Resp: 135064

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	156.9	0.0	347.6

