

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006072.D
 Acq On : 17 Sep 2021 16:00
 Operator : SY/MD
 Sample : M3775-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2D

Quant Time: Sep 20 01:41:46 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)

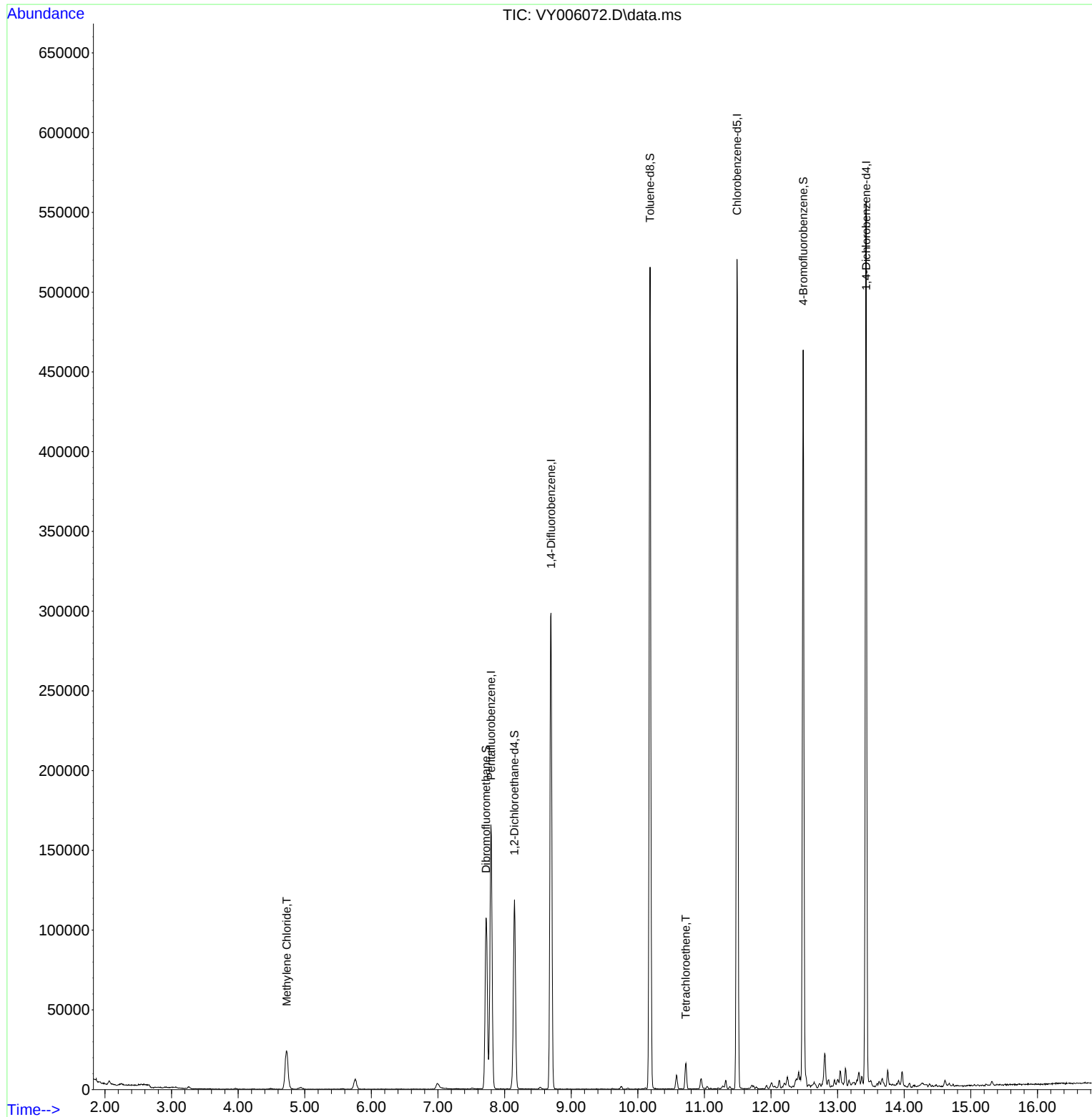
Internal Standards						
1) Pentafluorobenzene	7.795	168	125567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	241657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	95210	54.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.180%
35) Dibromofluoromethane	7.722	113	73393	48.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.800%
50) Toluene-d8	10.185	98	316032	49.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.483	95	125234	57.659	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.320%
Target Compounds						Qvalue
20) Methylene Chloride	4.728	84	17035	7.458	ug/l	98
64) Tetrachloroethene	10.721	164	3291	1.530	ug/l	96

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

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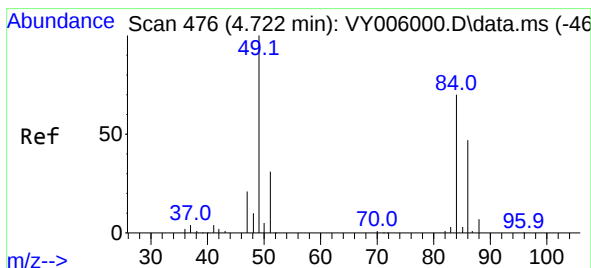
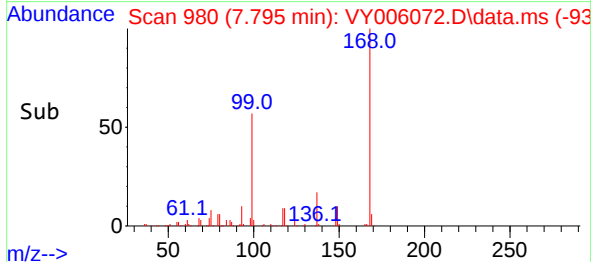
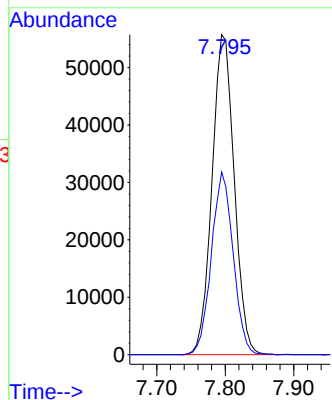
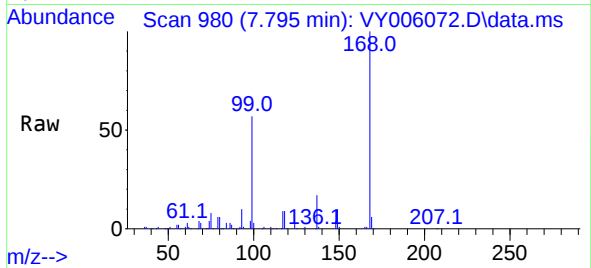




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

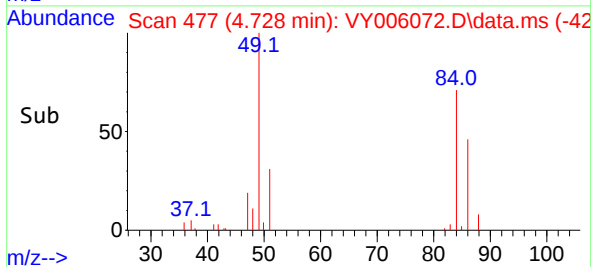
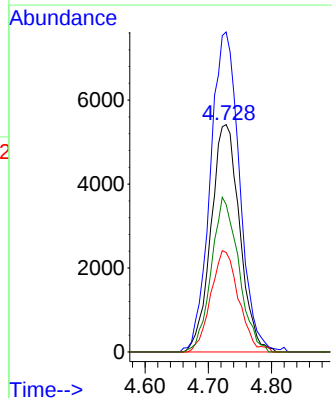
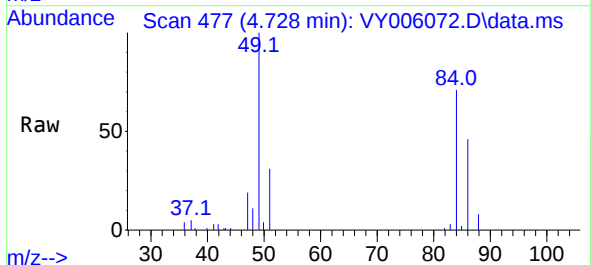
Instrument :
MSVOA_Y
ClientSampleId :
PE-2D

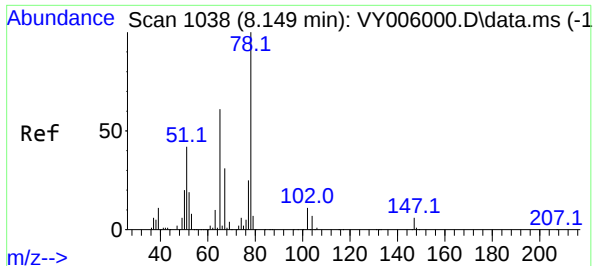
Tgt Ion:168 Resp: 125567
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#20
Methylene Chloride
Concen: 7.458 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion: 84 Resp: 17035
Ion Ratio Lower Upper
84 100
49 140.8 114.4 171.6
51 43.8 35.3 52.9
86 64.9 53.7 80.5

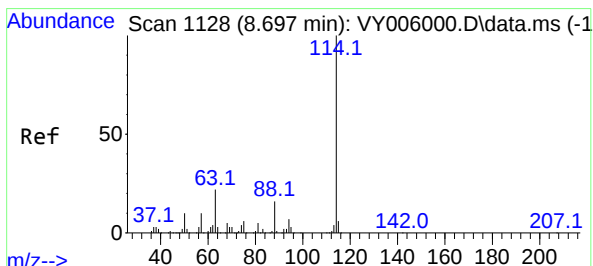
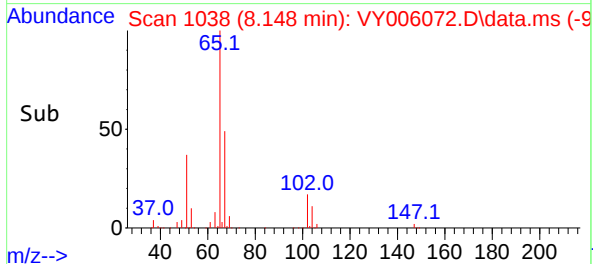
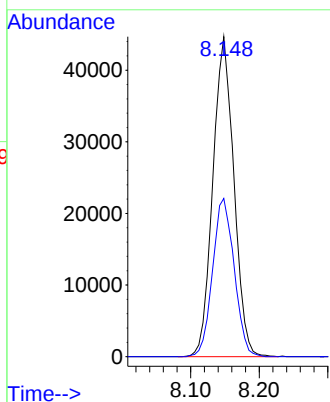
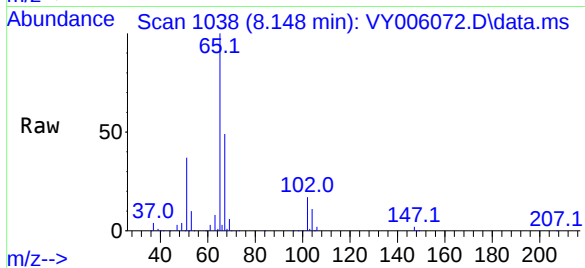




#33
1,2-Dichloroethane-d4
Concen: 54.587 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

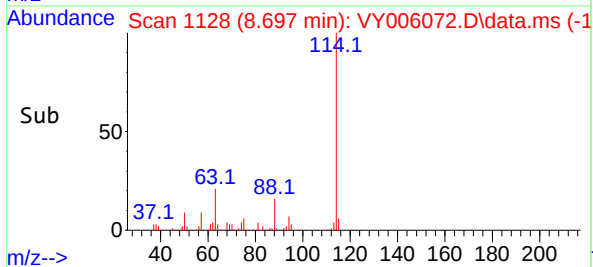
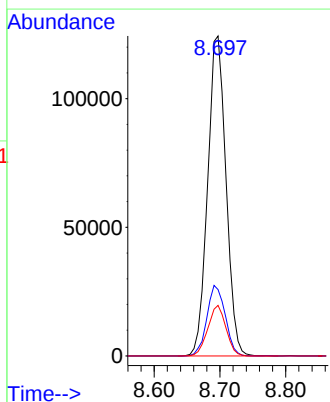
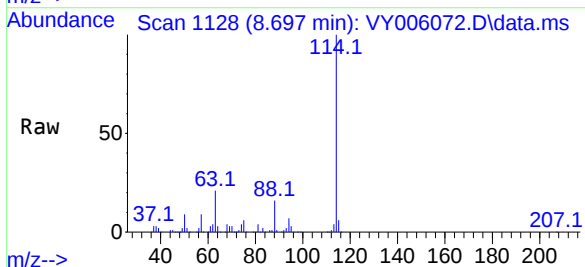
Instrument :
MSVOA_Y
ClientSampleId :
PE-2D

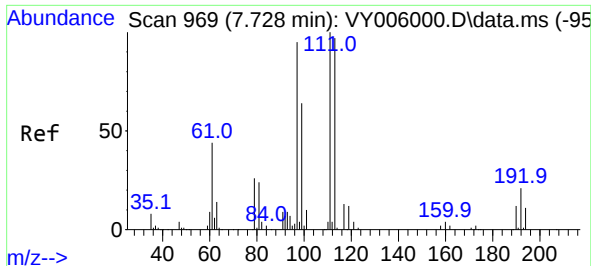
Tgt Ion: 65 Resp: 95210
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion: 114 Resp: 241657
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 15.8 0.0 31.8

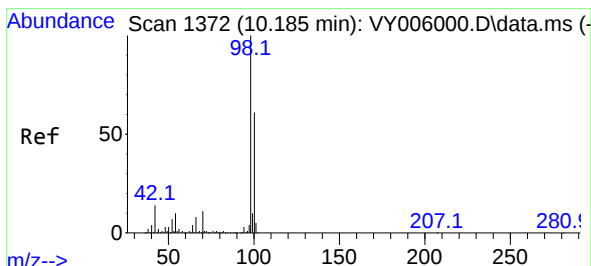
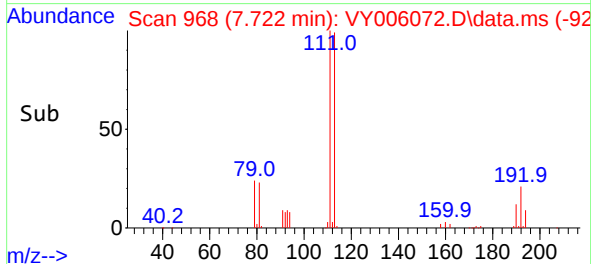
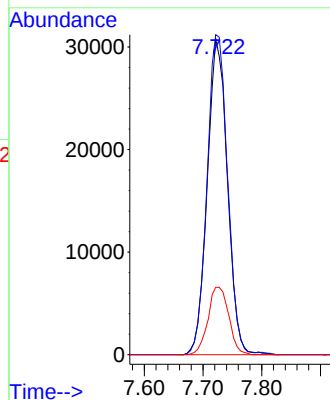
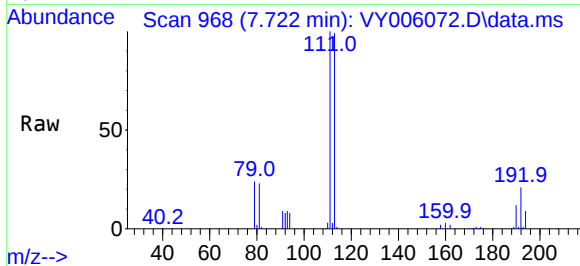




#35
Dibromofluoromethane
Concen: 48.897 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

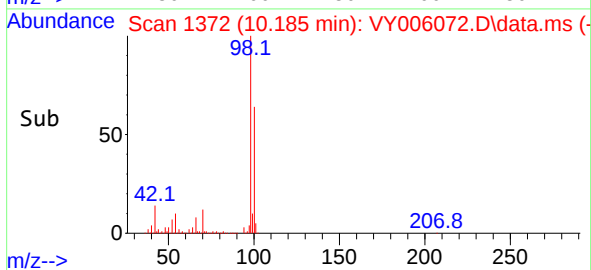
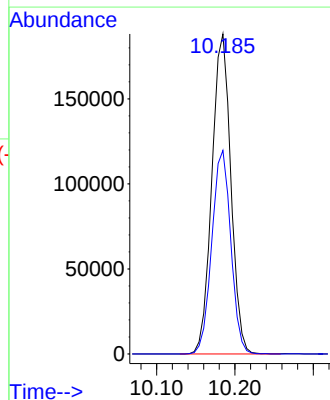
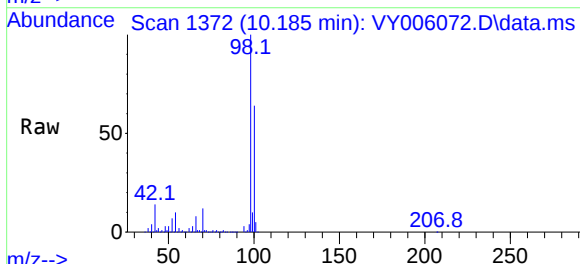
Instrument :
MSVOA_Y
ClientSampleId :
PE-2D

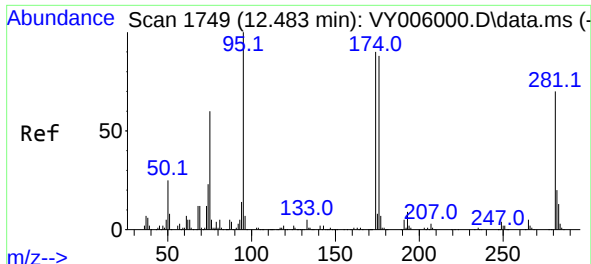
Tgt Ion:113 Resp: 73393
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 22.0 17.6 26.4



#50
Toluene-d8
Concen: 49.402 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion: 98 Resp: 316032
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



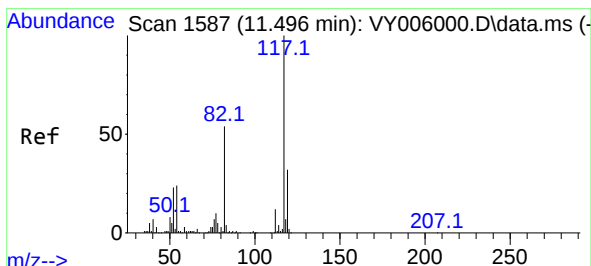
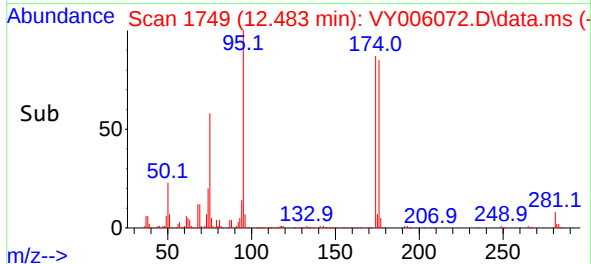
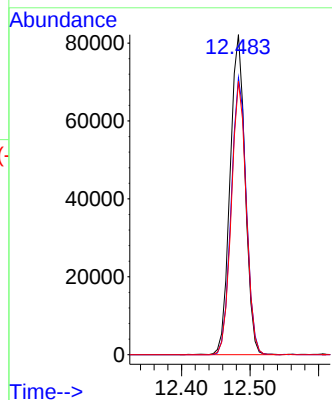
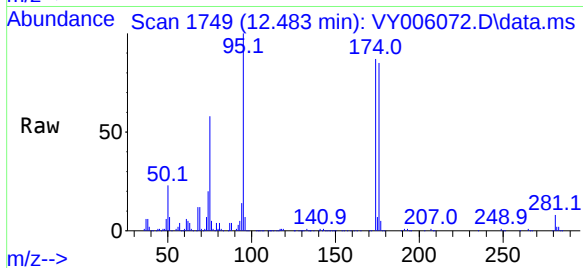


#62
4-Bromofluorobenzene
Concen: 57.659 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Instrument :
MSVOA_Y
ClientSampleId :
PE-2D

Tgt Ion: 95 Resp: 125234

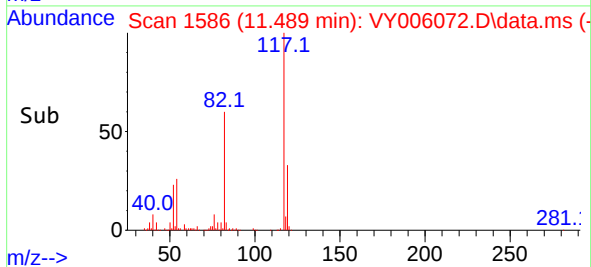
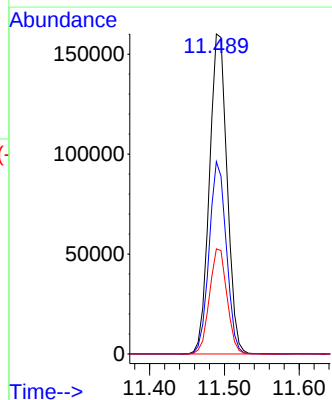
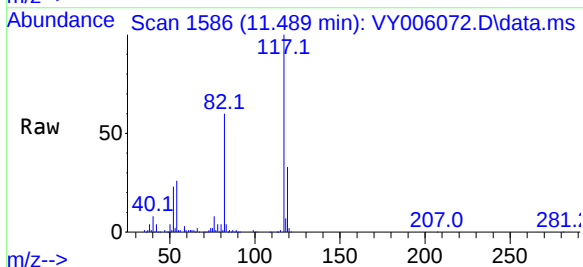
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	177.0
176	84.3	0.0	175.8

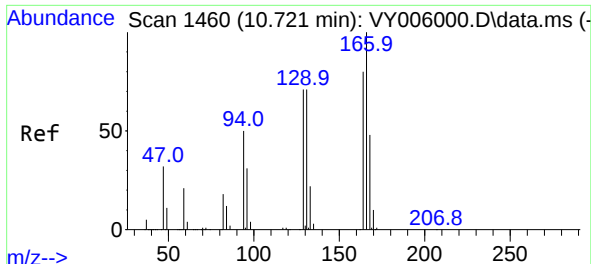


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion: 117 Resp: 262930

Ion	Ratio	Lower	Upper
117	100		
82	60.1	43.0	64.4
119	32.8	25.4	38.0



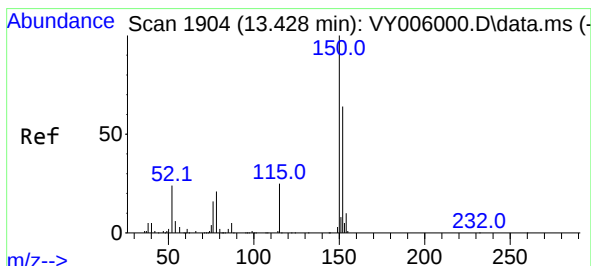
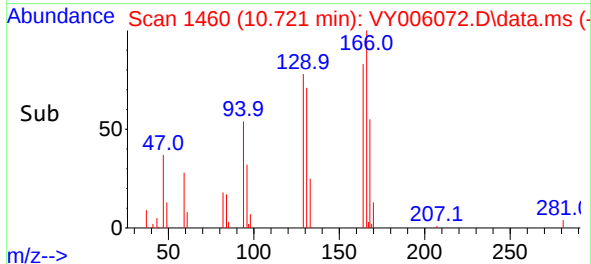
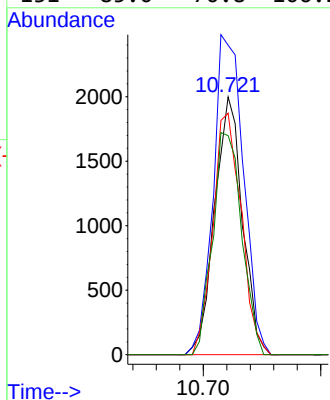
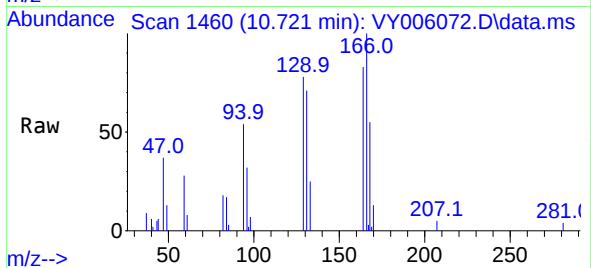


#64
Tetrachloroethene
Concen: 1.530 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Instrument :
MSVOA_Y
ClientSampleId :
PE-2D

Tgt Ion:164 Resp: 3291

Ion	Ratio	Lower	Upper
164	100		
166	120.1	100.4	150.6
129	93.7	71.4	107.0
131	85.0	70.8	106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006072.D
Acq: 17 Sep 2021 16:00

Tgt Ion:152 Resp: 134703

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	156.5	0.0	347.6

