

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005804.D
 Acq On : 20 Aug 2021 19:34
 Operator : SY/MD
 Sample : M3463-23
 Misc : 5.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-19-0204

Quant Time: Aug 23 01:10:45 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)

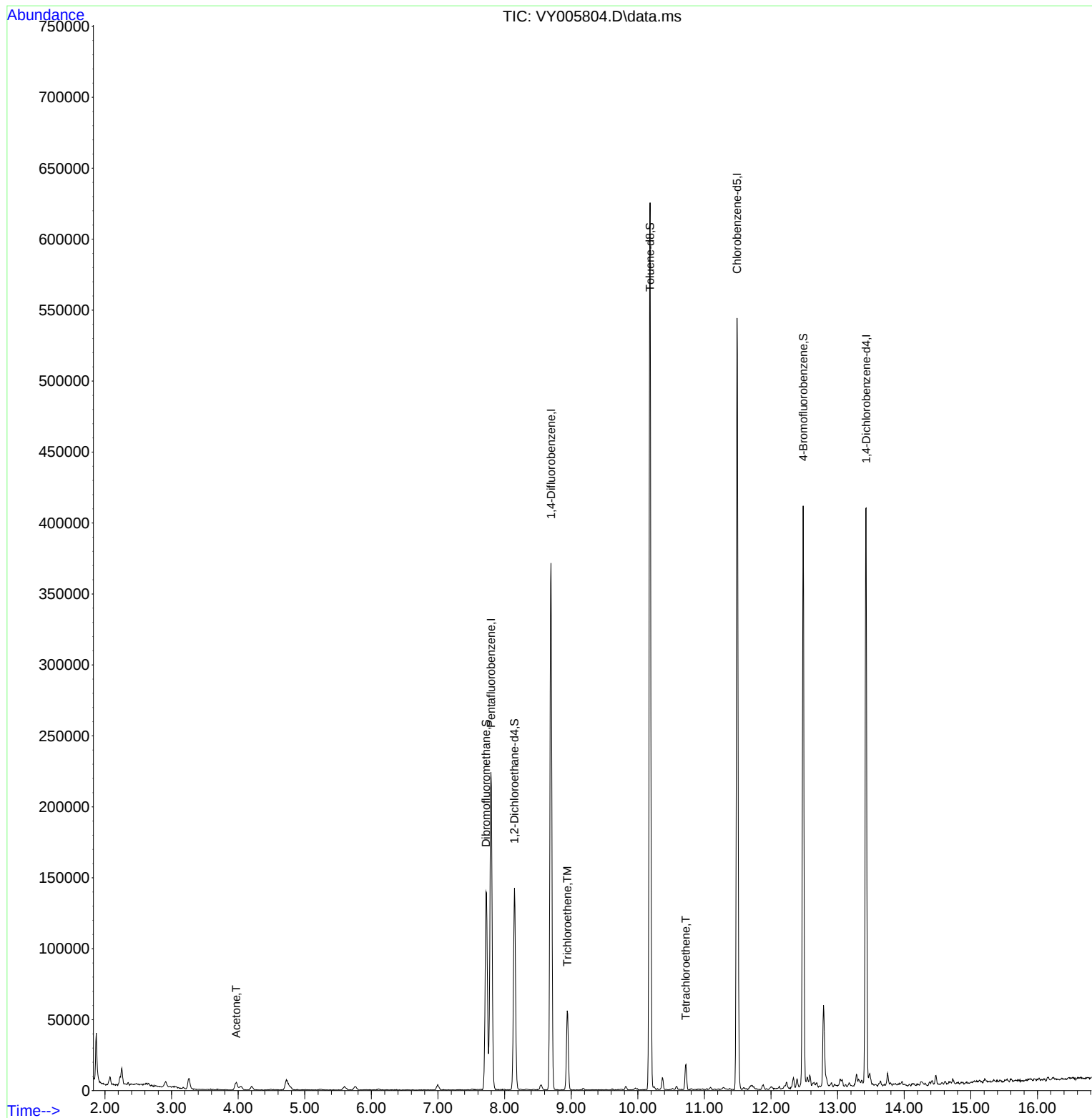
Internal Standards						
1) Pentafluorobenzene	7.795	168	183485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	113532	61.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.260%	
35) Dibromofluoromethane	7.722	113	94495	53.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.340%	
50) Toluene-d8	10.185	98	395594	53.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.483	95	113038	46.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.460%	
Target Compounds						
						Qvalue
16) Acetone	3.972	43	10569	22.570	ug/l	100
44) Trichloroethene	8.941	130	19459	8.441	ug/l	94
64) Tetrachloroethene	10.721	164	4252	1.907	ug/l	94

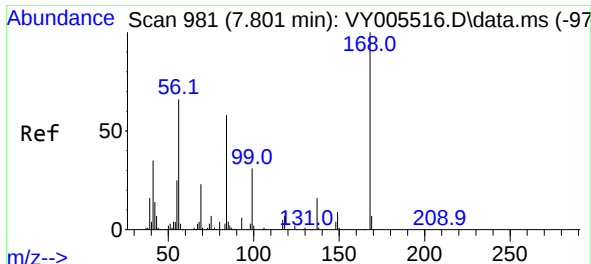
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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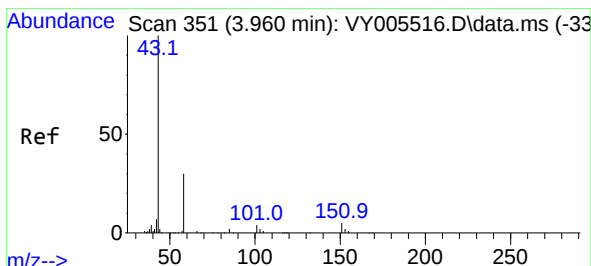
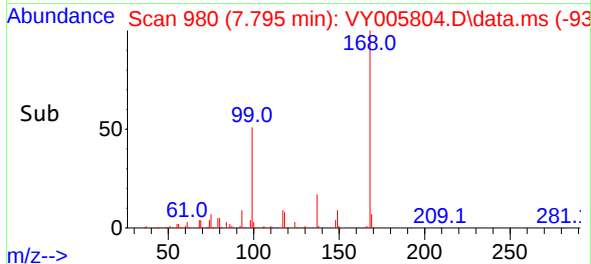
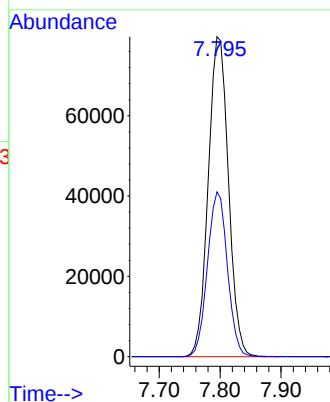
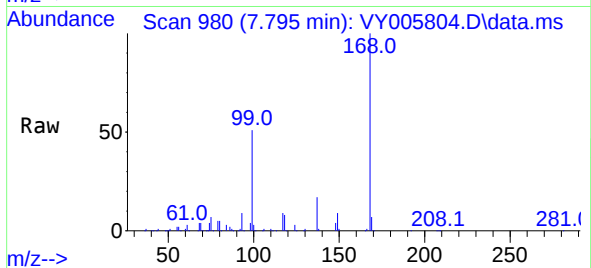




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

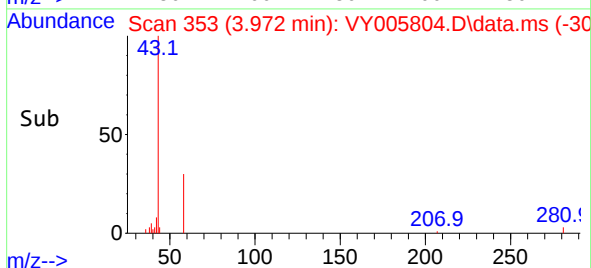
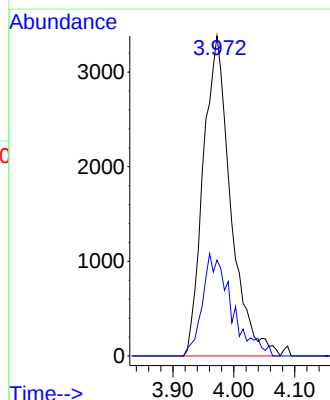
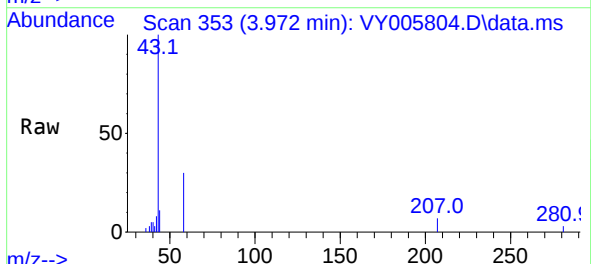
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-19-0204

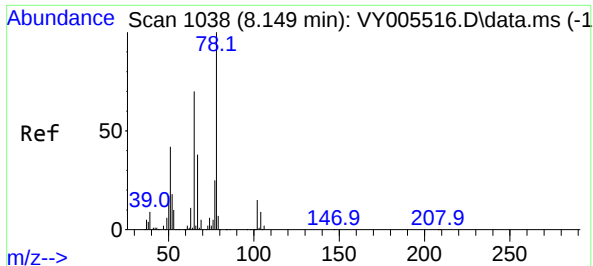
Tgt Ion:168 Resp: 183485
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#16
Acetone
Concen: 22.570 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion: 43 Resp: 10569
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.6

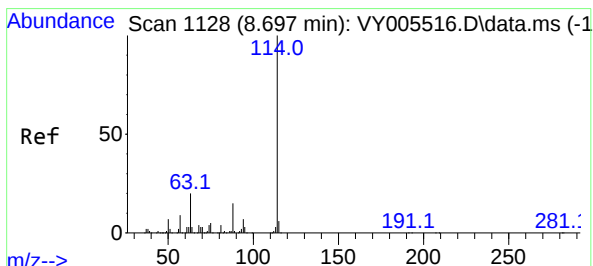
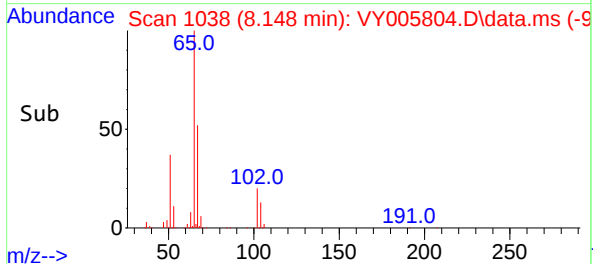
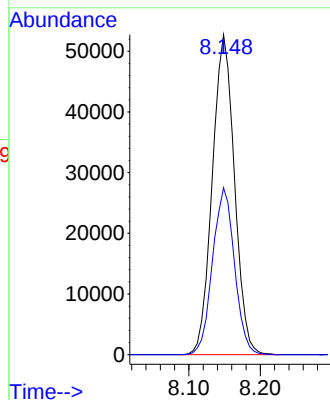
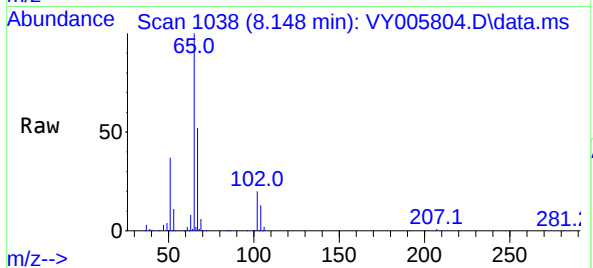




#33
1,2-Dichloroethane-d4
Concen: 61.127 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

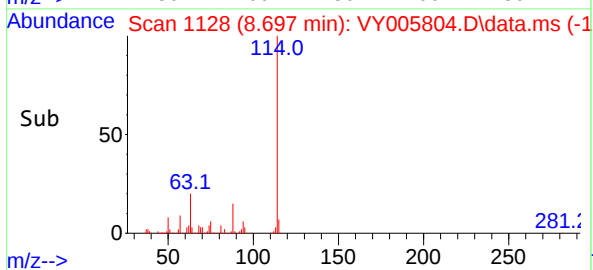
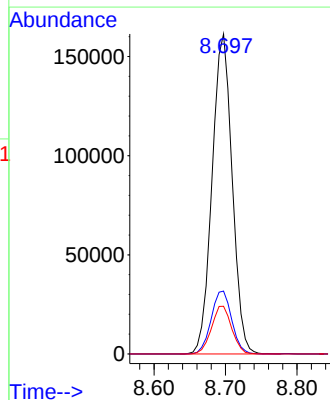
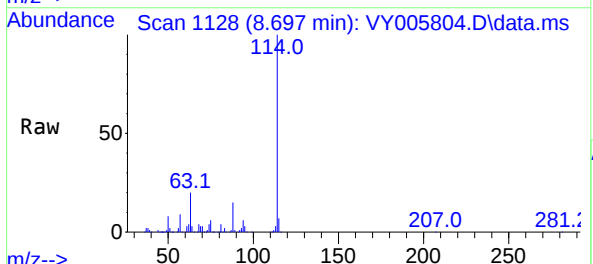
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-19-0204

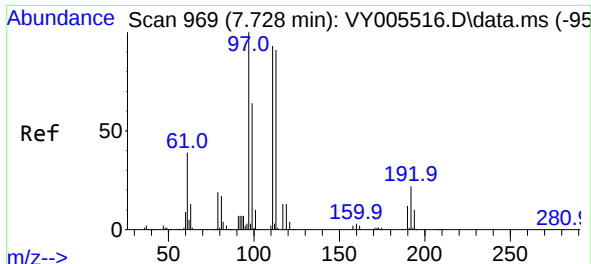
Tgt Ion: 65 Resp: 113532
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion:114 Resp: 314473
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 14.9 0.0 30.8

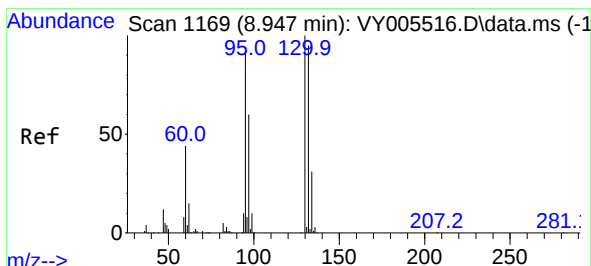
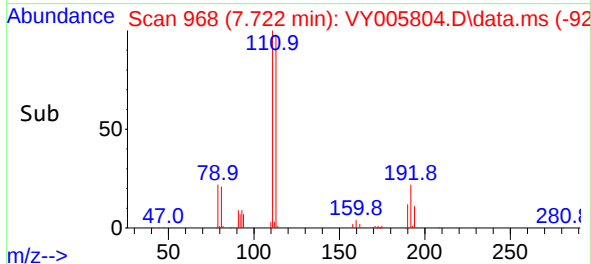
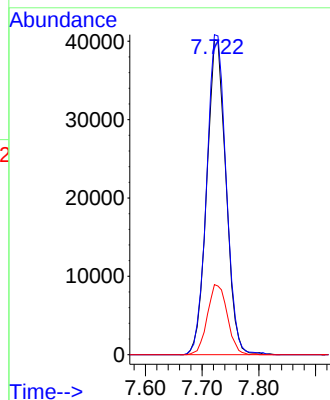
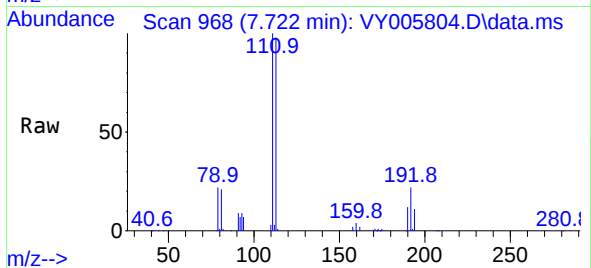




#35
Dibromofluoromethane
Concen: 53.670 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

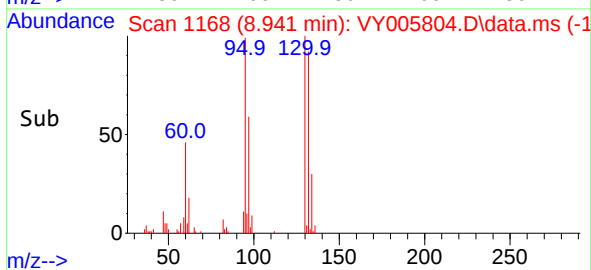
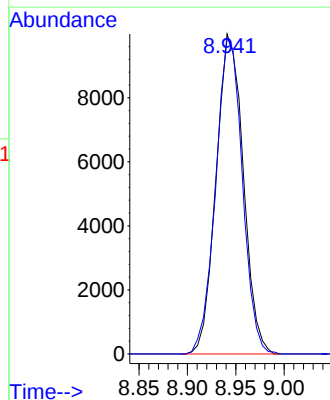
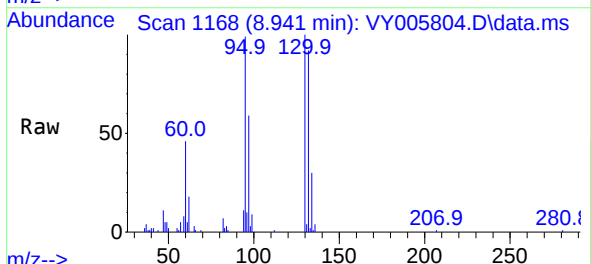
Instrument :
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ClientSampleId :
SWCS-19-0204

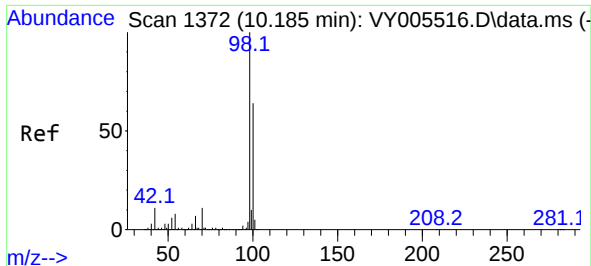
Tgt Ion:113 Resp: 94495
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 23.2 19.2 28.8



#44
Trichloroethene
Concen: 8.441 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion:130 Resp: 19459
Ion Ratio Lower Upper
130 100
95 98.7 0.0 185.0

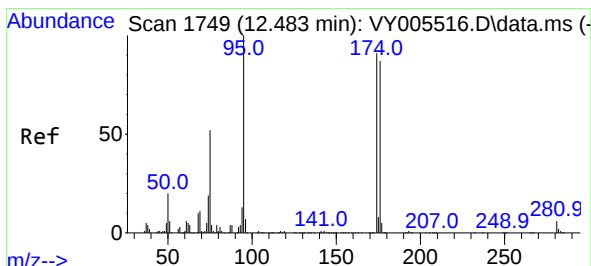
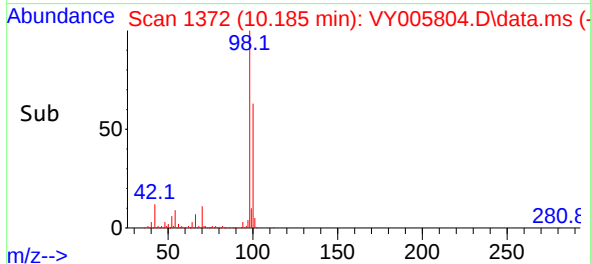
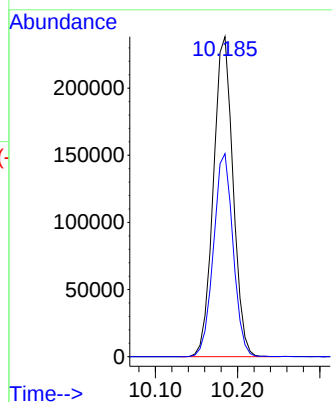
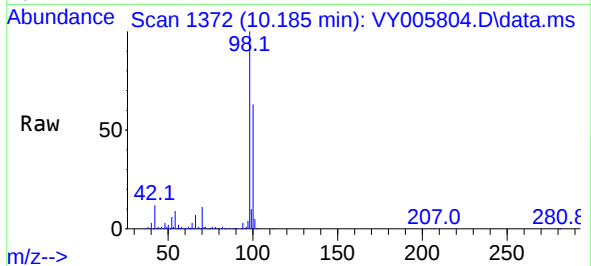




#50
Toluene-d8
Concen: 53.574 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

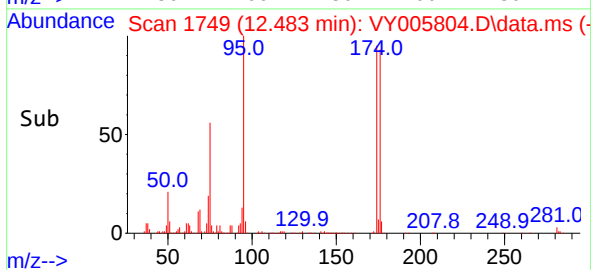
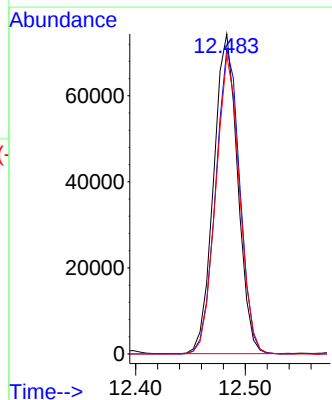
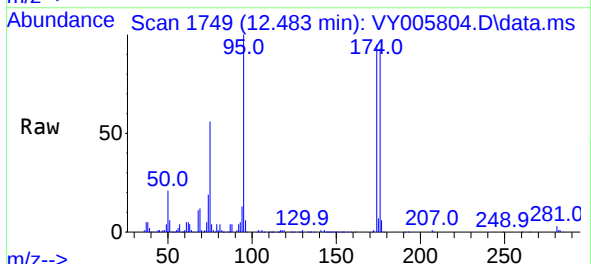
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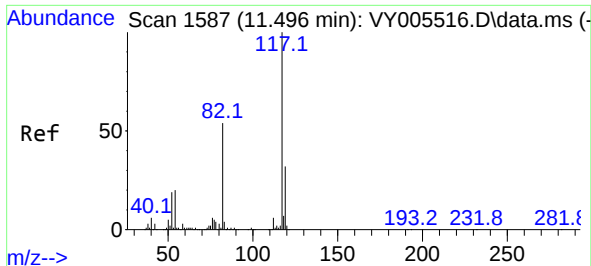
Tgt Ion: 98 Resp: 395594
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 46.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion: 95 Resp: 113038
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.4
176 92.7 0.0 183.6

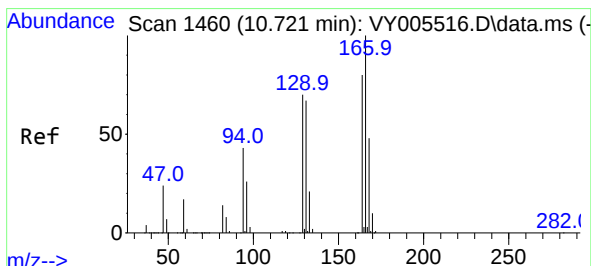
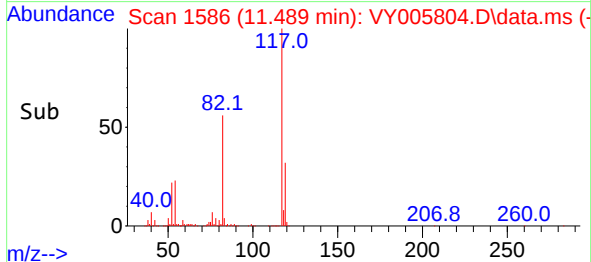
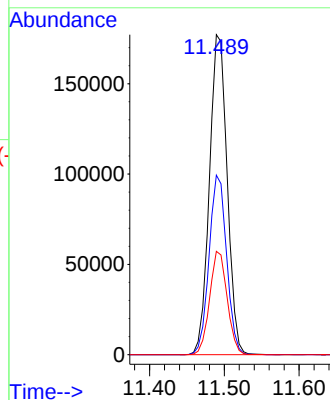
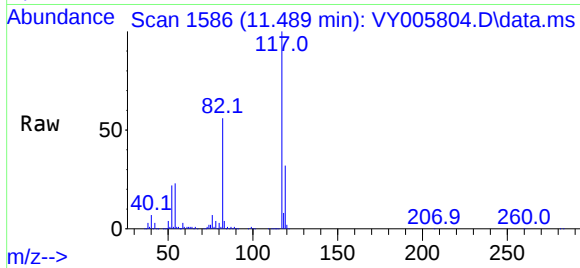




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

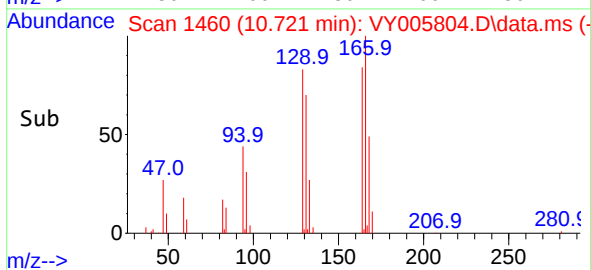
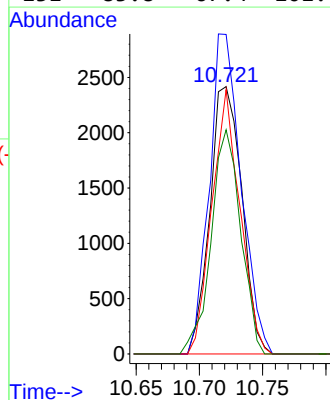
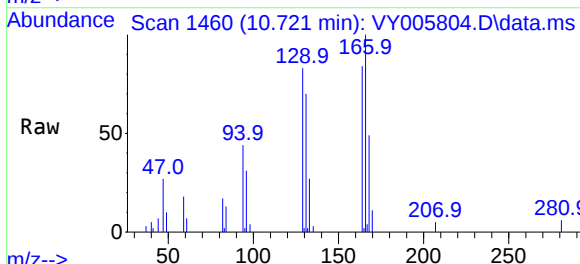
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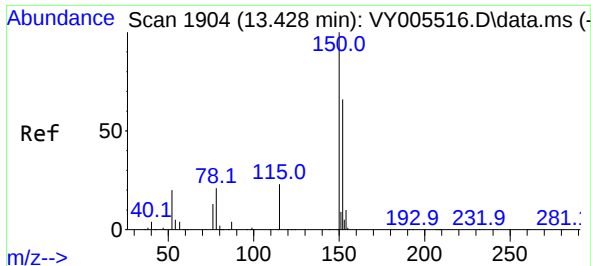
Tgt Ion:	117	Resp:	292919
Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.5	65.3
119	32.3	25.5	38.3



#64
Tetrachloroethene
Concen: 1.907 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005804.D
Acq: 20 Aug 2021 19:34

Tgt Ion:	164	Resp:	4252
Ion	Ratio	Lower	Upper
164	100		
166	119.5	99.8	149.8
129	98.8	70.1	105.1
131	83.8	67.4	101.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005804.D
 Acq: 20 Aug 2021 19:34

Instrument :
 MSVOA_Y
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Tgt Ion:152 Resp: 107999
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.3 81.9
 150 158.1 0.0 350.2

