

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005820.D
 Acq On : 24 Aug 2021 14:47
 Operator : SY/MD
 Sample : M3463-19RE
 Misc : 3.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-18-0204RE

Quant Time: Aug 25 04:29:55 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)

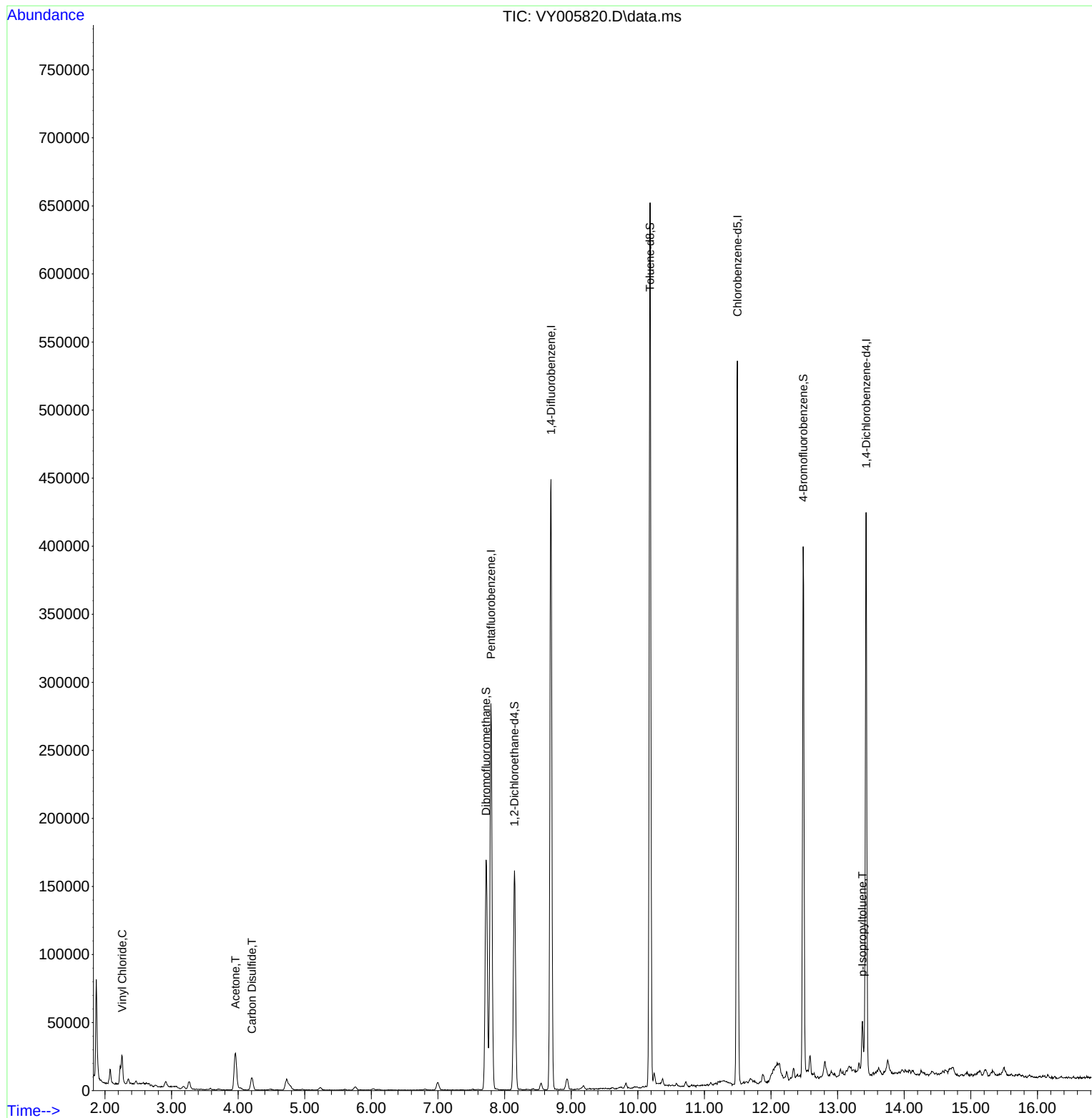
Internal Standards						
1) Pentafluorobenzene	7.795	168	229258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	391030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	291532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	131834	56.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.620%
35) Dibromofluoromethane	7.722	113	115808	52.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.800%
50) Toluene-d8	10.185	98	417272	45.446	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.900%
62) 4-Bromofluorobenzene	12.483	95	112296	36.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.860%
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.259	62	5871	2.179	ug/l	# 88
16) Acetone	3.960	43	47914	81.891	ug/l	93
17) Carbon Disulfide	4.204	76	18364	3.015	ug/l	100
86) p-Isopropyltoluene	13.373	119	16103	2.437	ug/l	94

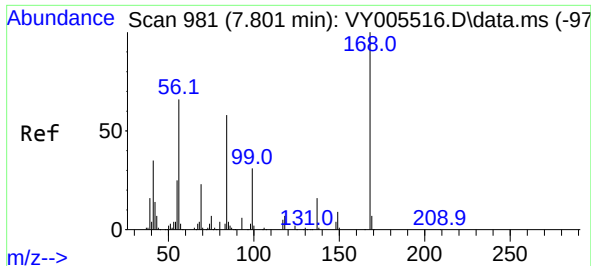
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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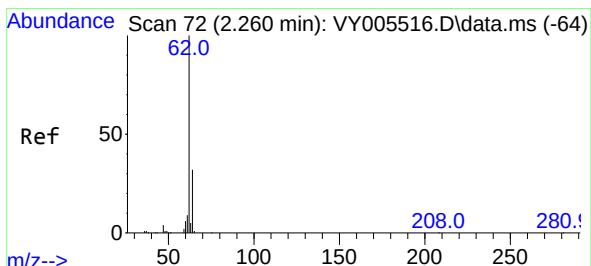
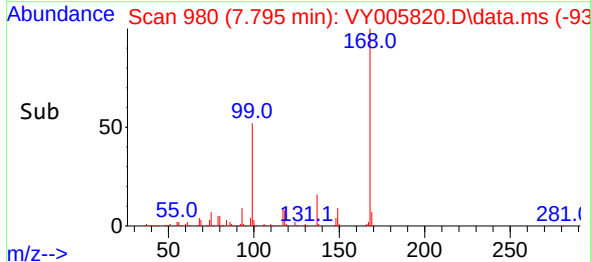
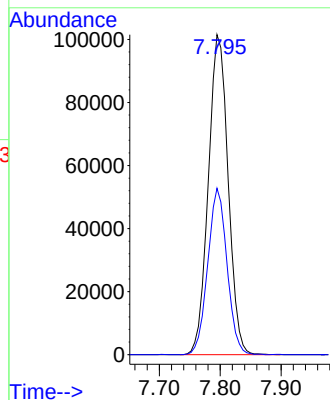
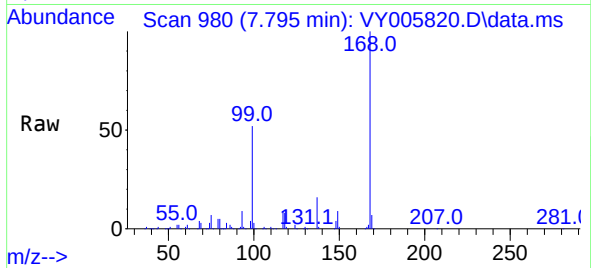




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

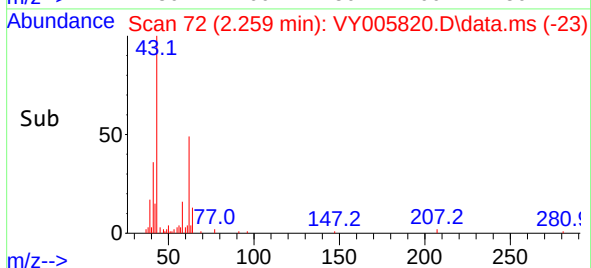
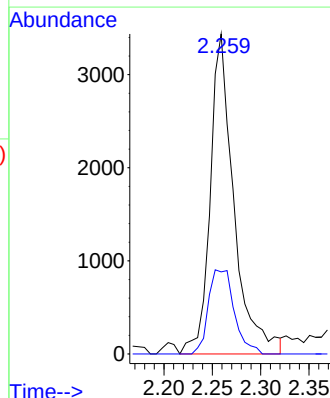
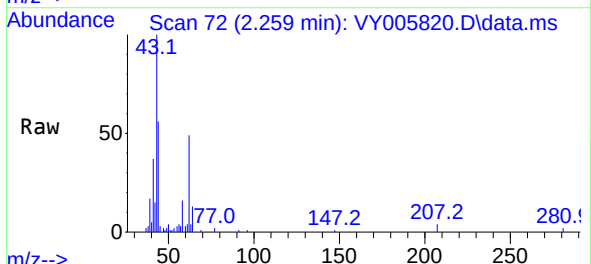
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE

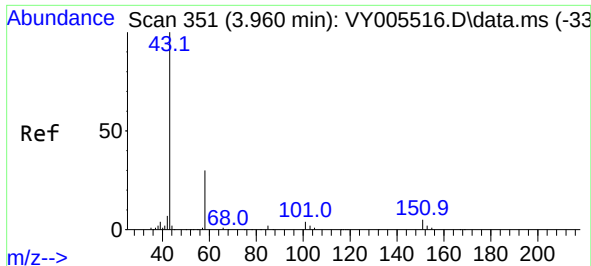
Tgt Ion:168 Resp: 229258
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#4
Vinyl Chloride
Concen: 2.179 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 62 Resp: 5871
Ion Ratio Lower Upper
62 100
64 25.6 25.9 38.9#

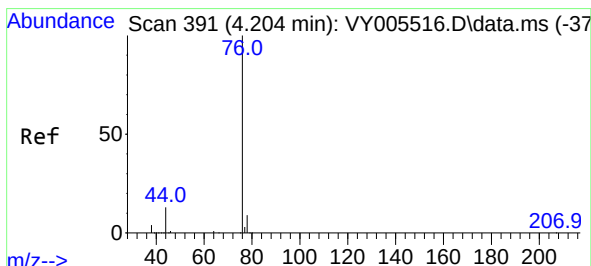
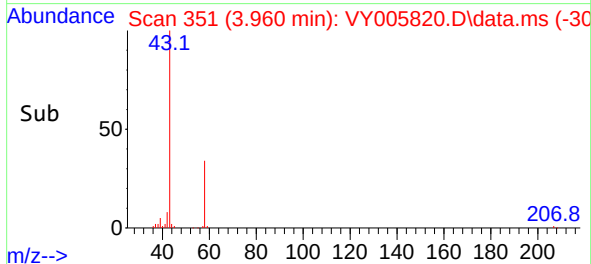
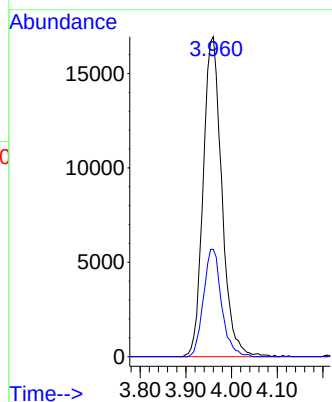
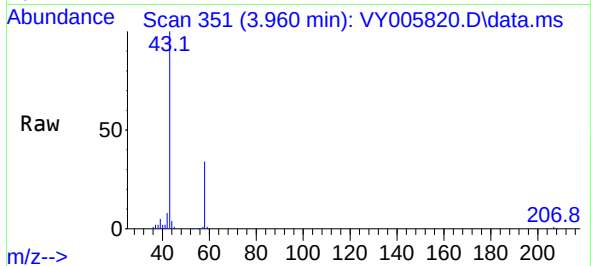




#16
Acetone
Concen: 81.891 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

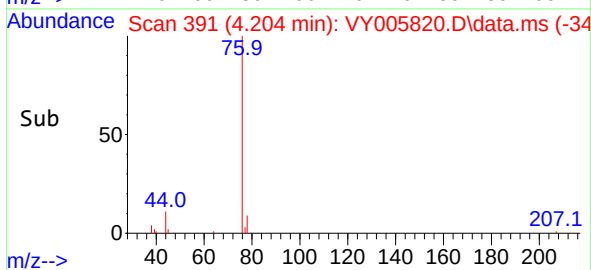
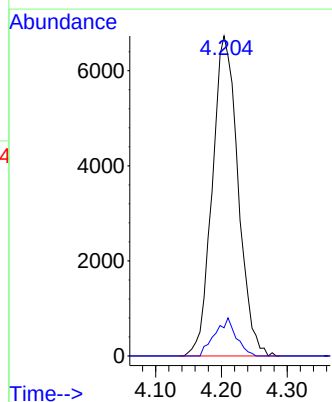
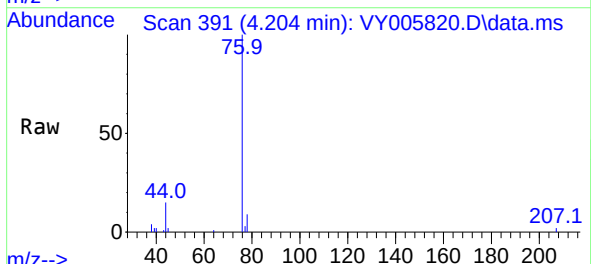
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE

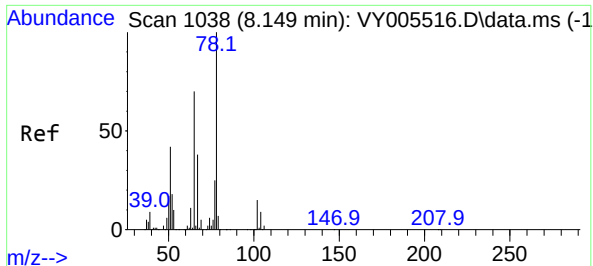
Tgt Ion: 43 Resp: 47914
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.6



#17
Carbon Disulfide
Concen: 3.015 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 76 Resp: 18364
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

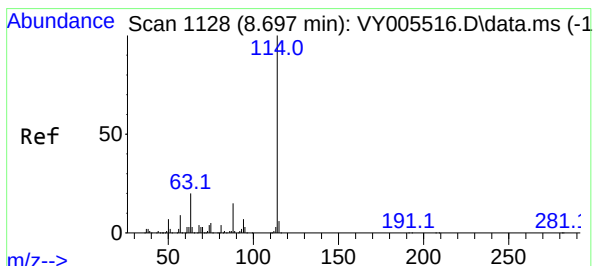
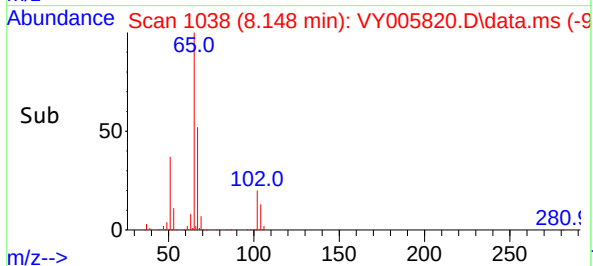
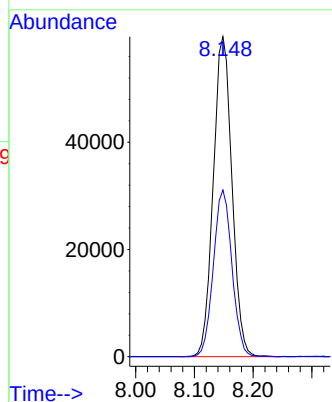
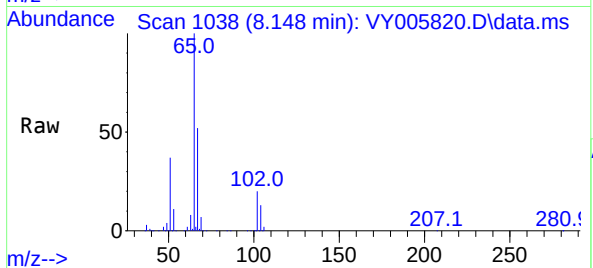




#33
1,2-Dichloroethane-d4
Concen: 56.809 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

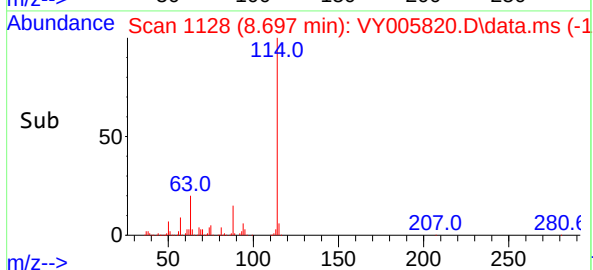
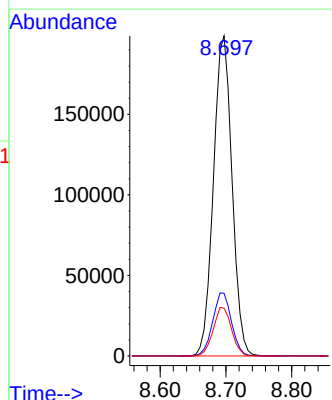
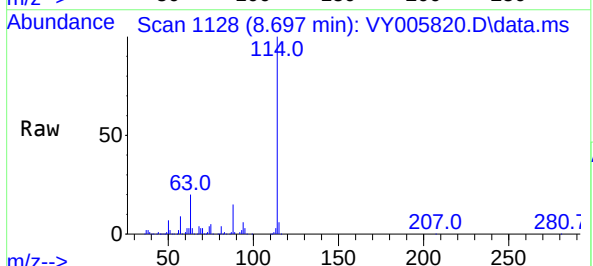
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-18-0204RE

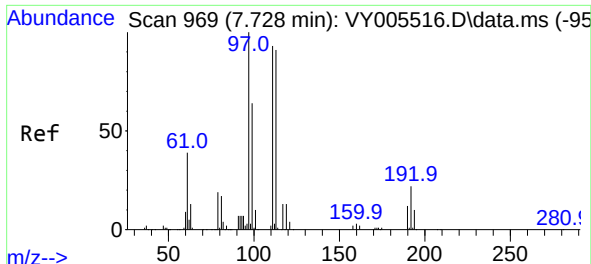
Tgt Ion: 65 Resp: 131834
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 114 Resp: 391030
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.0 0.0 30.8

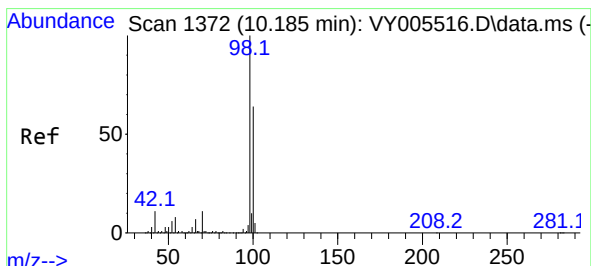
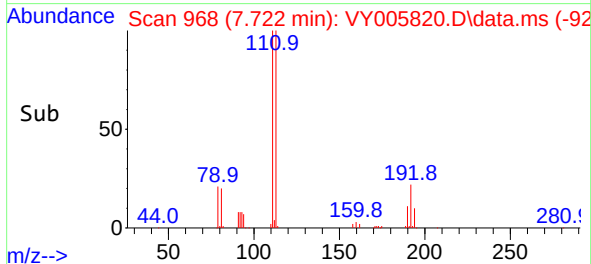
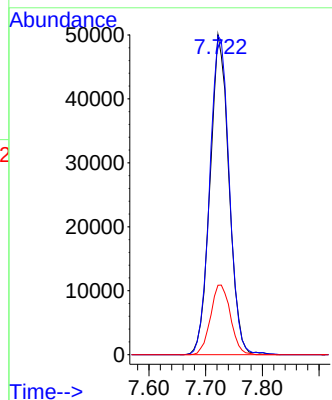
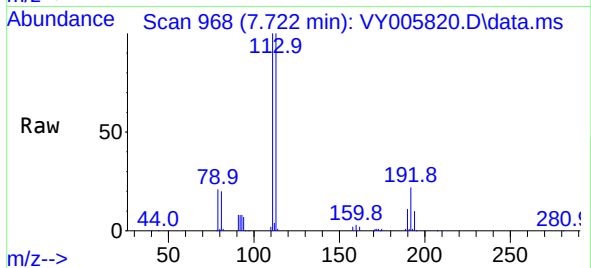




#35
Dibromofluoromethane
Concen: 52.898 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

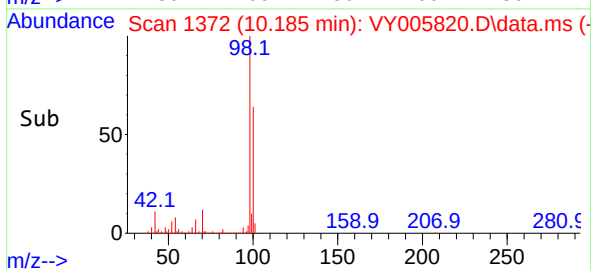
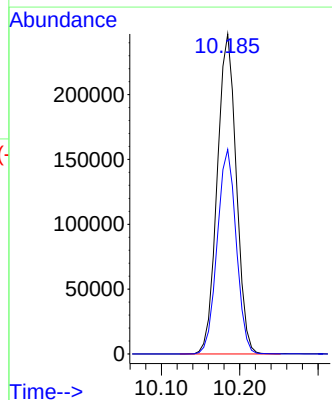
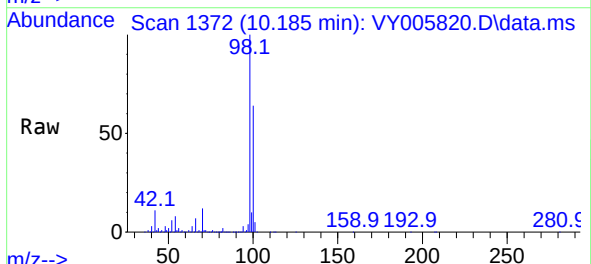
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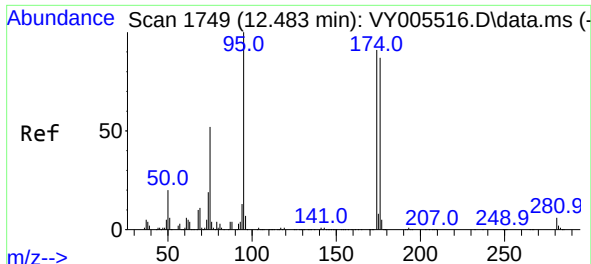
Tgt Ion:113 Resp: 115808
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 22.9 19.2 28.8



#50
Toluene-d8
Concen: 45.446 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion: 98 Resp: 417272
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9

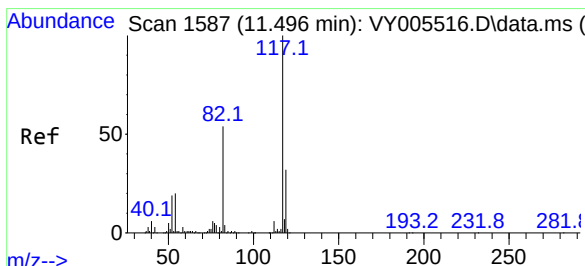
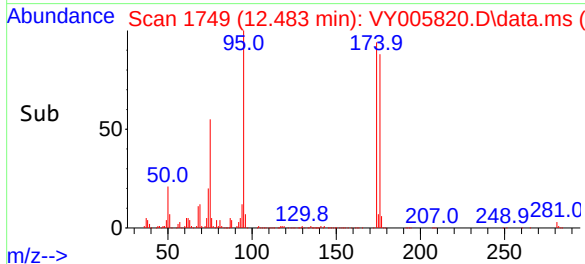
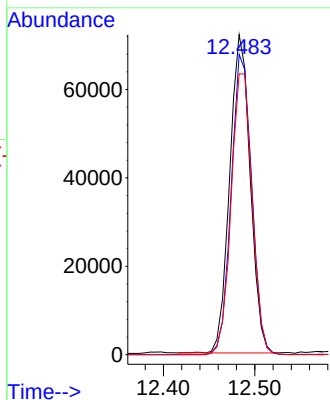
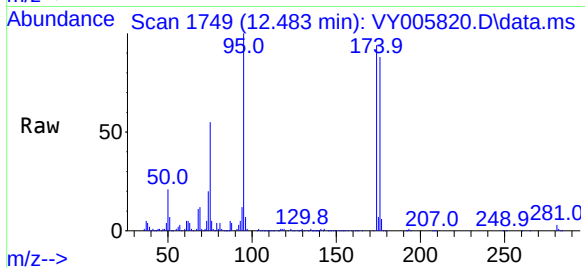




#62
4-Bromofluorobenzene
Concen: 36.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

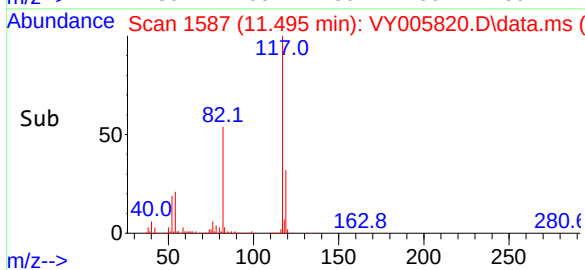
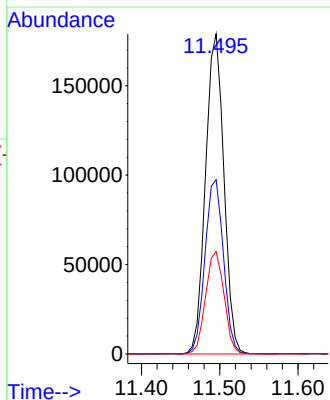
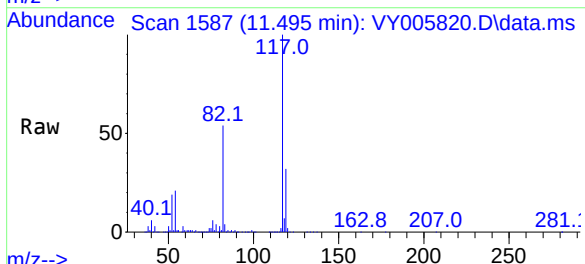
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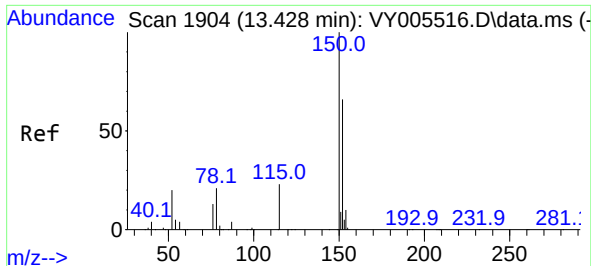
Tgt Ion:	95	Resp:	112296
Ion Ratio	Lower	Upper	
95	100		
174	94.3	0.0	191.4
176	90.6	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion:	117	Resp:	291532
Ion Ratio	Lower	Upper	
117	100		
82	54.4	43.5	65.3
119	32.0	25.5	38.3

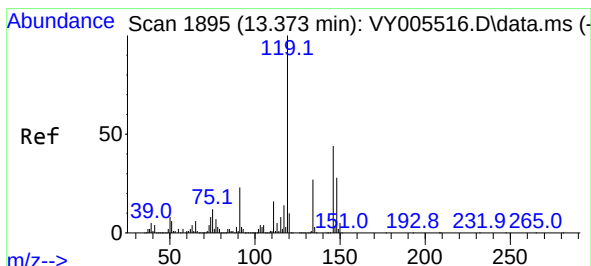
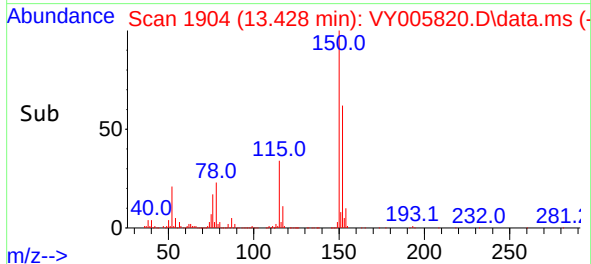
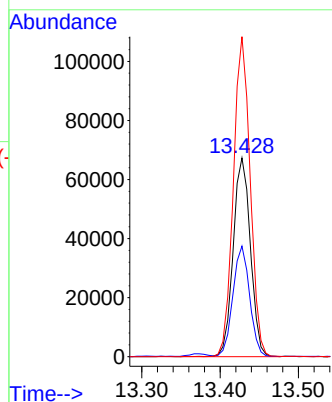
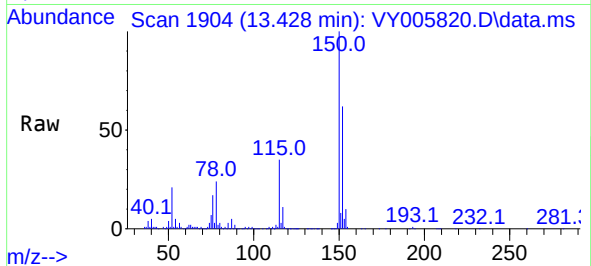




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005820.D
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Tgt Ion:152 Resp: 102633
Ion Ratio Lower Upper
152 100
115 53.9 27.3 81.9
150 157.0 0.0 350.2



#86
p-Isopropyltoluene
Concen: 2.437 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY005820.D
Acq: 24 Aug 2021 14:47

Tgt Ion:119 Resp: 16103
Ion Ratio Lower Upper
119 100
134 27.9 13.6 40.7
91 28.9 11.6 34.7

