

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005790.D
 Acq On : 20 Aug 2021 14:09
 Operator : SY/MD
 Sample : M3418-16RE
 Misc : 7.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-12-0205

Quant Time: Aug 23 01:07:12 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)

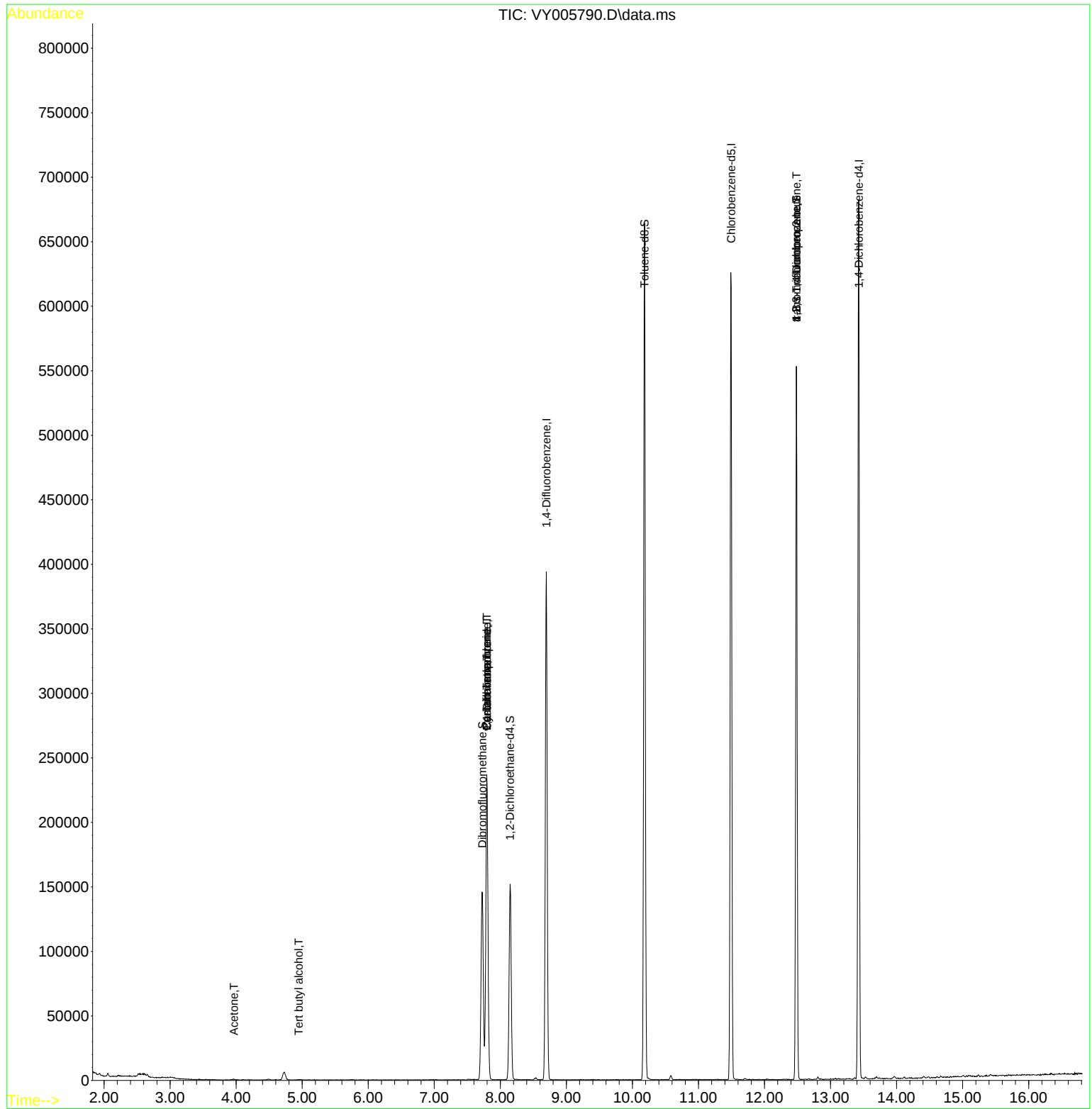
Internal Standards						
1) Pentafluorobenzene	7.795	168	189588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	344562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	124802	65.031	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.060%			
35) Dibromofluoromethane	7.728	113	100527	54.870	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.740%			
50) Toluene-d8	10.185	98	427315	55.614	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.220%			
62) 4-Bromofluorobenzene	12.483	95	150408	59.113	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.220%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	813	4.285	ug/l #	73
16) Acetone	3.966	43	936	1.934	ug/l #	88
20) Methylene Chloride	4.728	84	4722	Below Cal	#	87
31) Cyclohexane	7.795	56	3889	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13068	4.258	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17644	5.289	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	83342	45.512	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83342	91.747	ug/l #	11

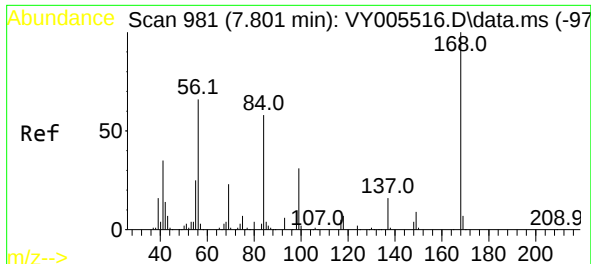
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

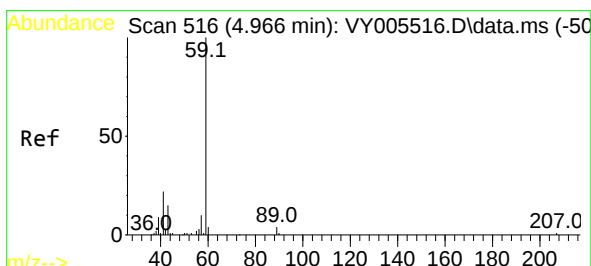
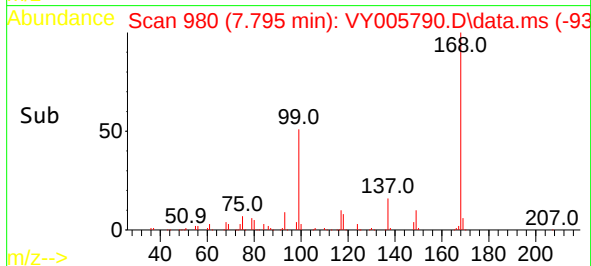
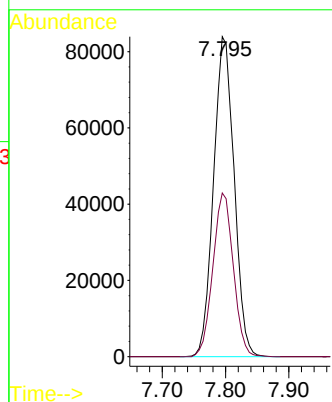
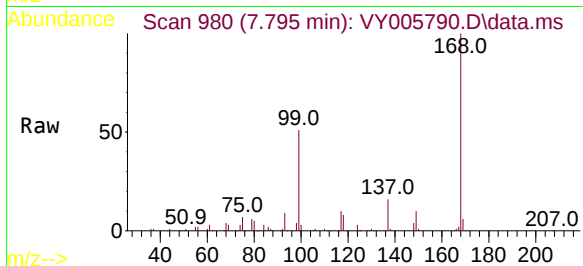




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

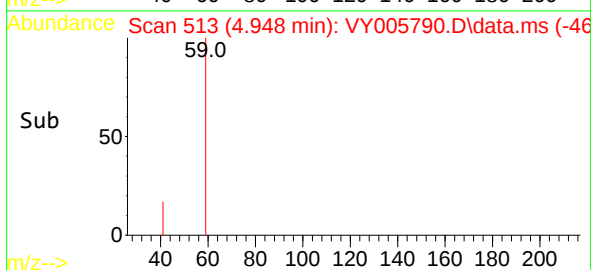
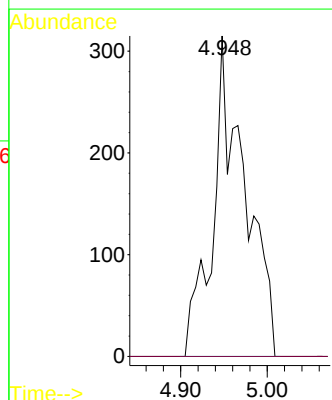
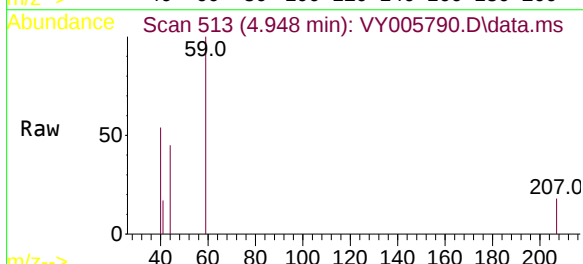
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-12-0205

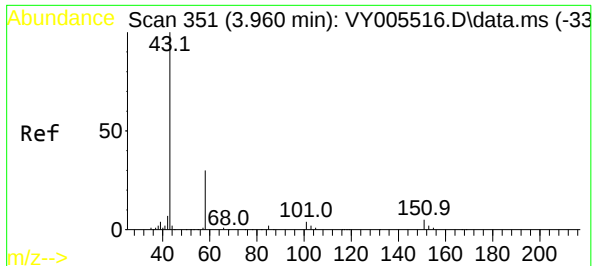
Tgt Ion:168 Resp: 189588
Ion Ratio Lower Upper
168 100
99 51.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.285 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

Tgt Ion: 59 Resp: 813
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

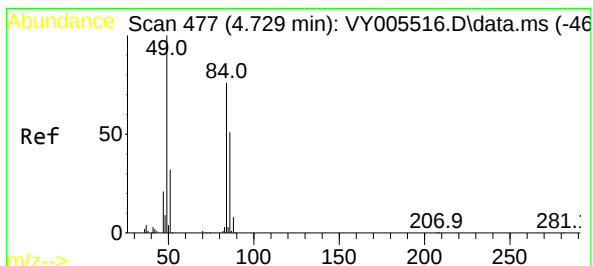
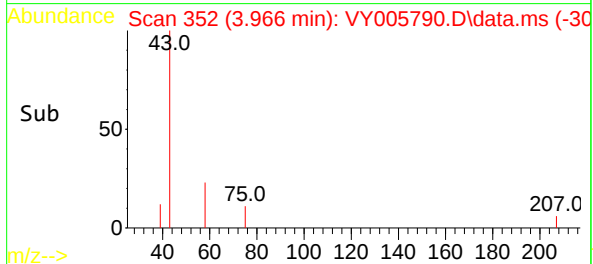
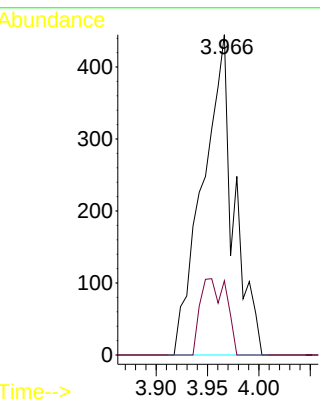
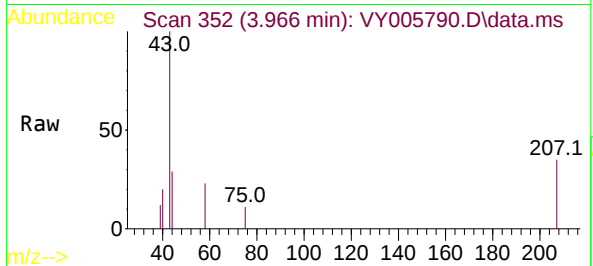




#16
Acetone
Concen: 1.934 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

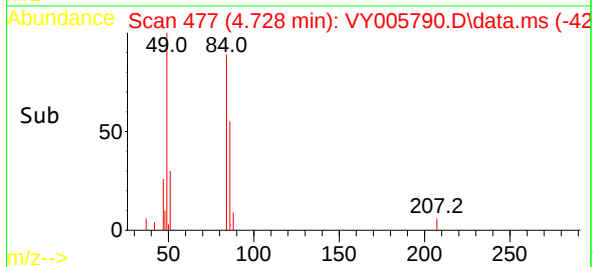
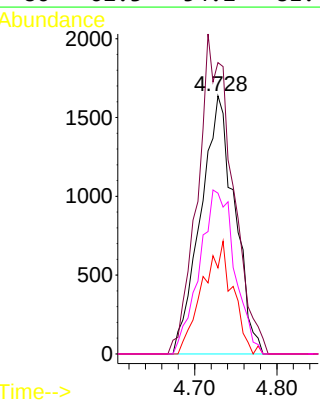
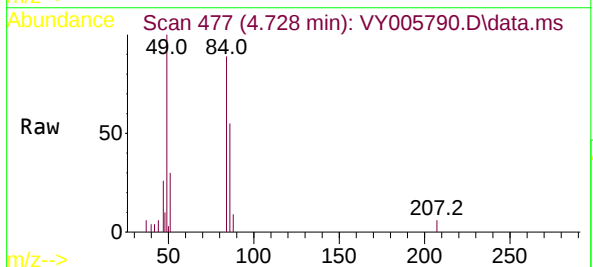
Instrument :
MSVOA_Y
ClientSampled :
SWCS-12-0205

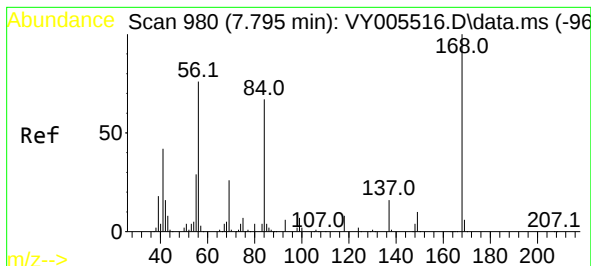
Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 23.1 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

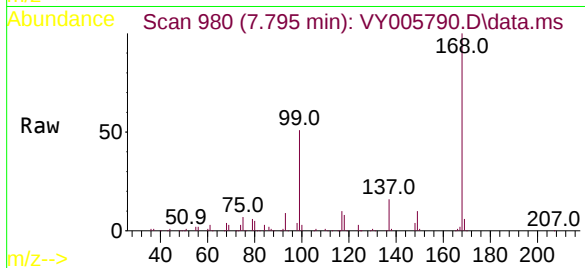
Tgt Ion: 84 Resp: 4722
Ion Ratio Lower Upper
84 100
49 112.9 105.8 158.6
51 33.4 33.4 50.2#
86 62.3 54.2 81.4



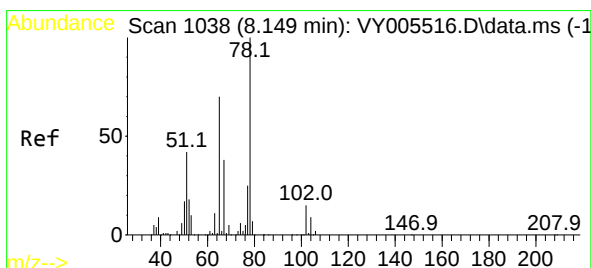
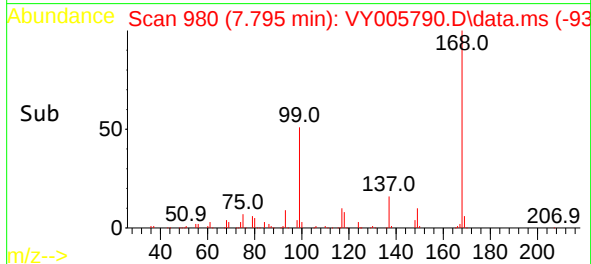
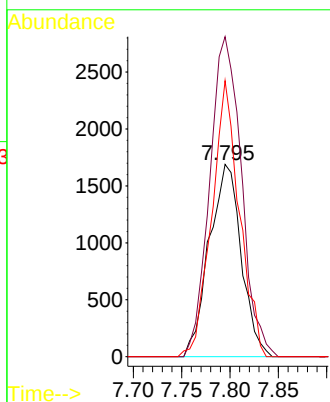


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-12-0205

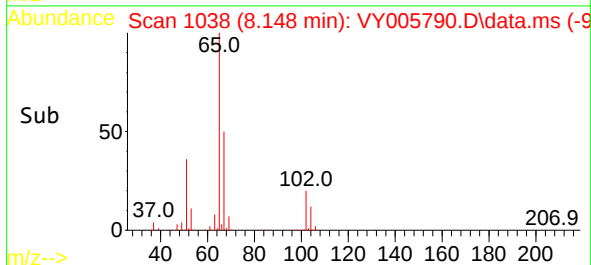
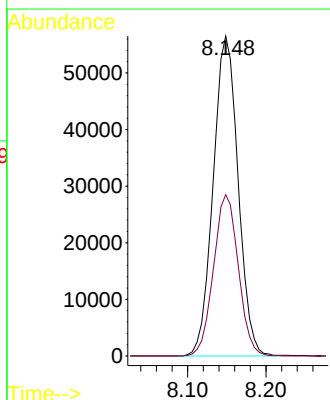
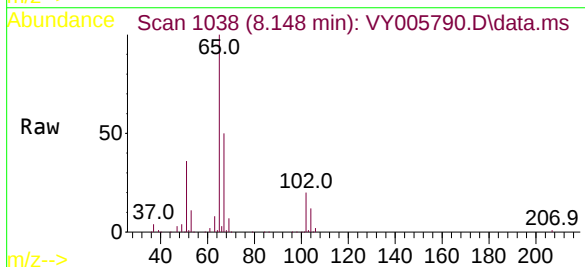


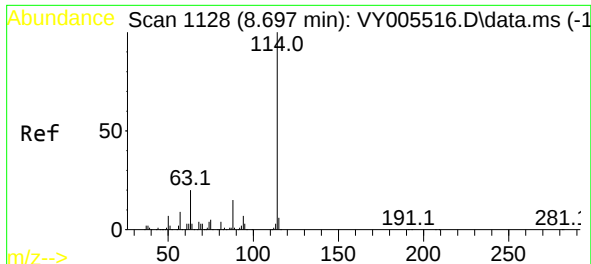
Tgt Ion: 56 Resp: 3889
Ion Ratio Lower Upper
56 100
69 166.4 27.7 41.5#
84 143.5 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 65.031 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

Tgt Ion: 65 Resp: 124802
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4

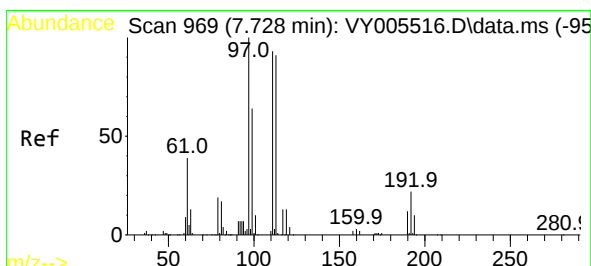
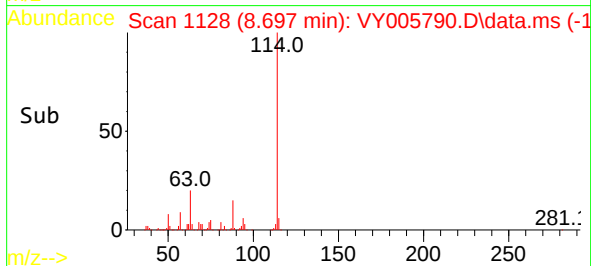
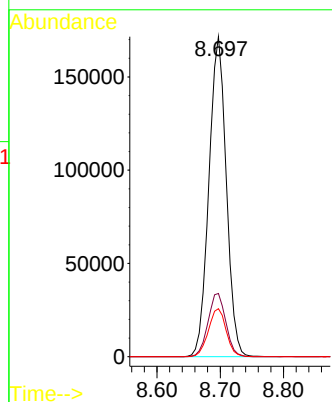
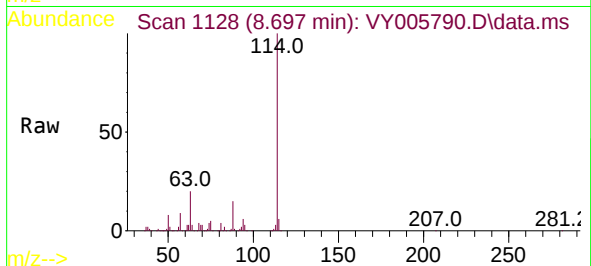




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

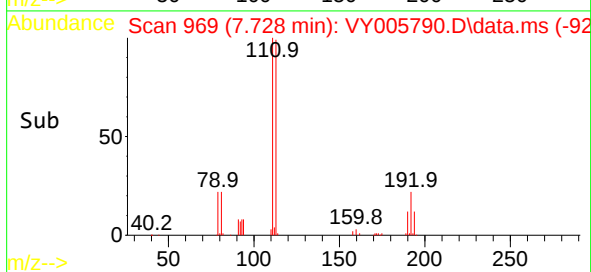
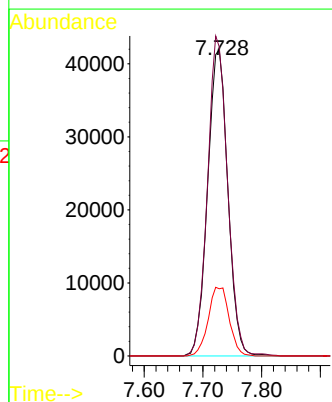
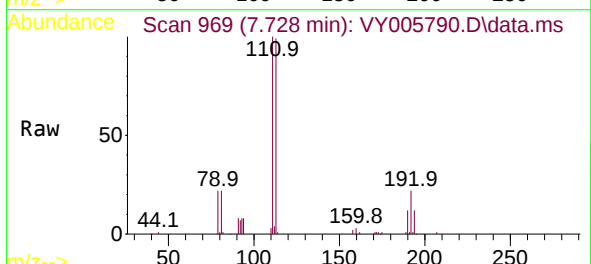
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-12-0205

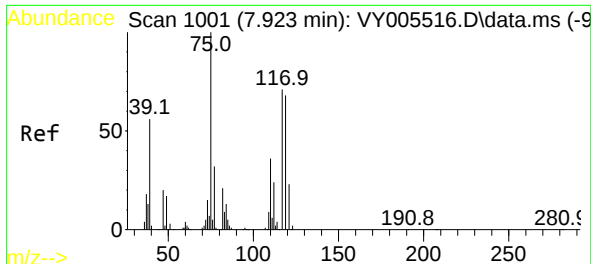
Tgt Ion:114 Resp: 327230
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.870 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

Tgt Ion:113 Resp: 100527
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.258 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005790.D

Acq: 20 Aug 2021 14:09

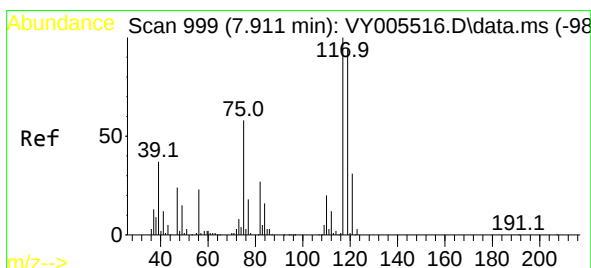
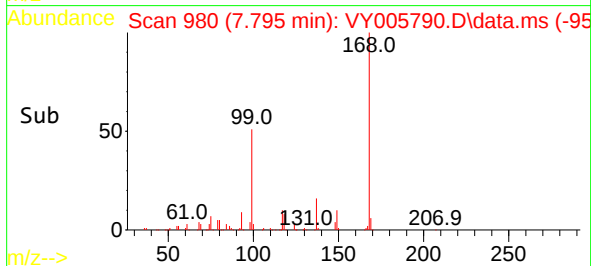
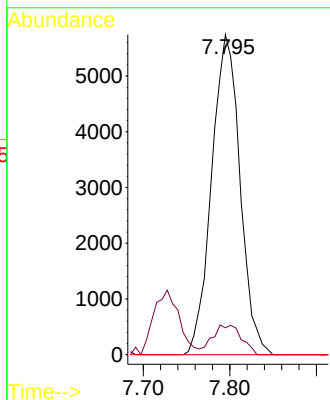
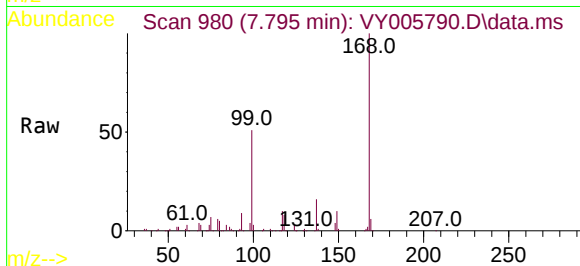
Instrument :

MSVOA_Y

ClientSampleId :

SWCS-12-0205

Tgt Ion:	75	Resp:	13068
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.289 ug/l

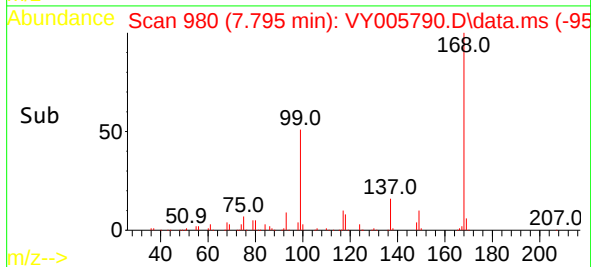
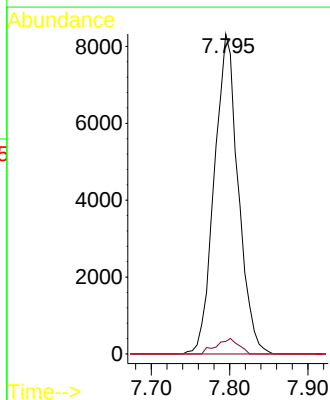
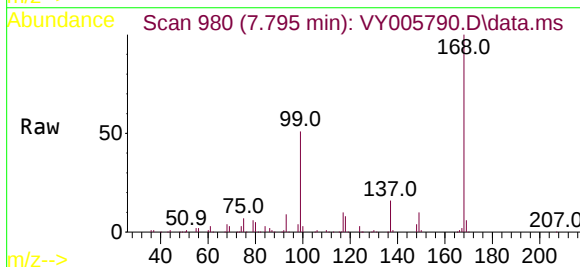
RT: 7.795 min Scan# 980

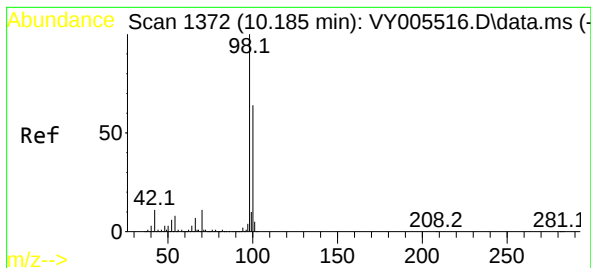
Delta R.T. -0.116 min

Lab File: VY005790.D

Acq: 20 Aug 2021 14:09

Tgt Ion:	117	Resp:	17644
Ion Ratio	Lower	Upper	
117	100		
119	3.9	75.4	113.0#
121	0.0	25.1	37.7#

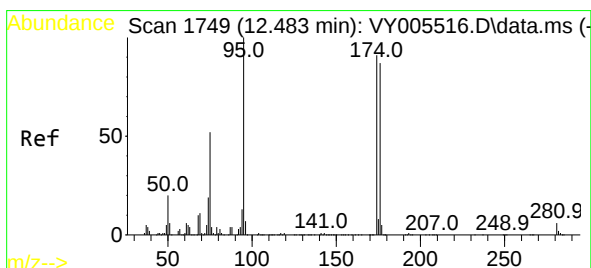
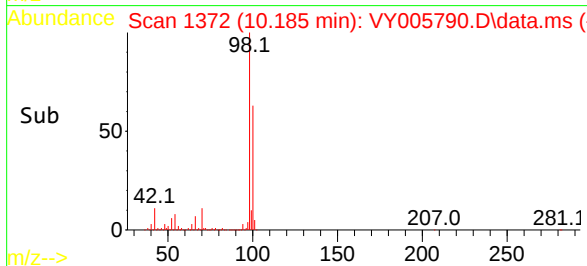
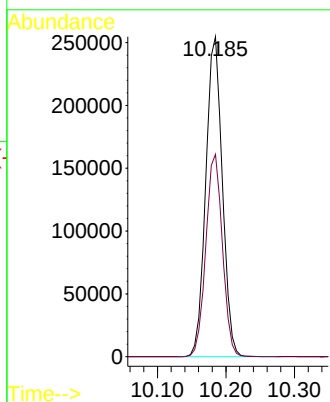
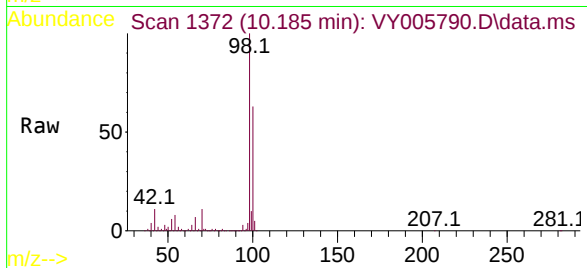




#50
Toluene-d8
Concen: 55.614 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

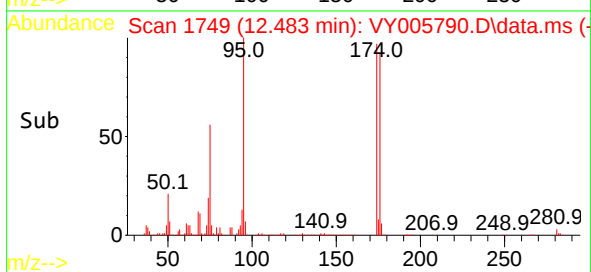
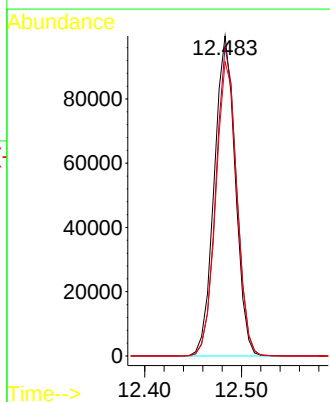
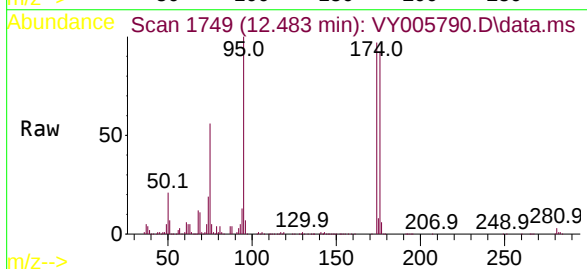
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MSVOA_Y
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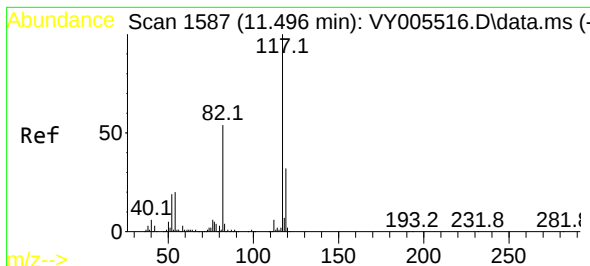
Tgt Ion: 98 Resp: 427315
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.113 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

Tgt Ion: 95 Resp: 150408
Ion Ratio Lower Upper
95 100
174 95.2 0.0 191.4
176 92.5 0.0 183.6

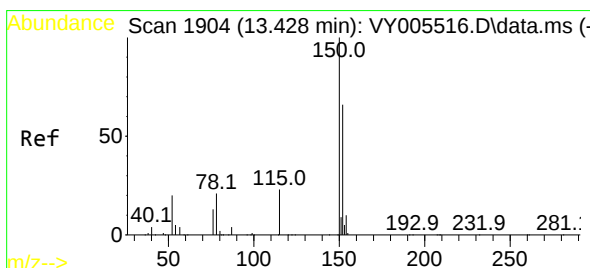
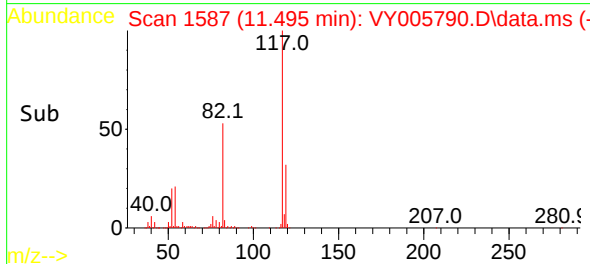
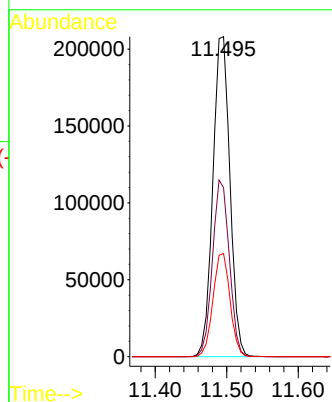
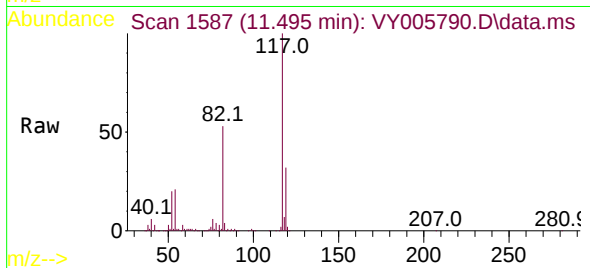




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

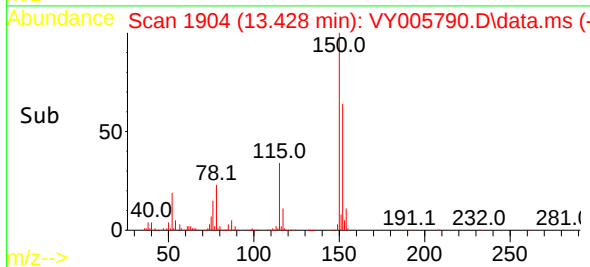
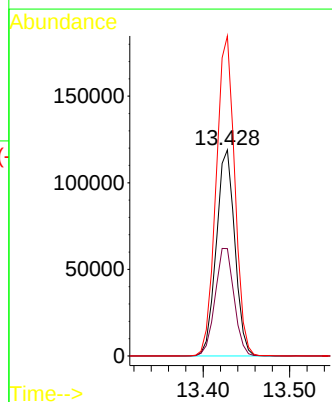
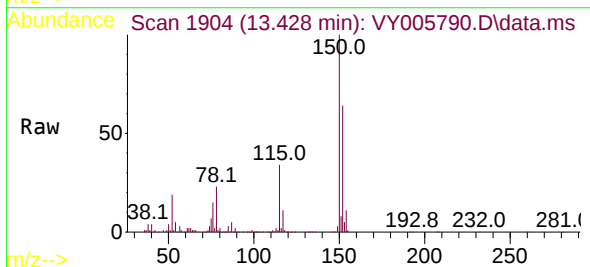
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-12-0205

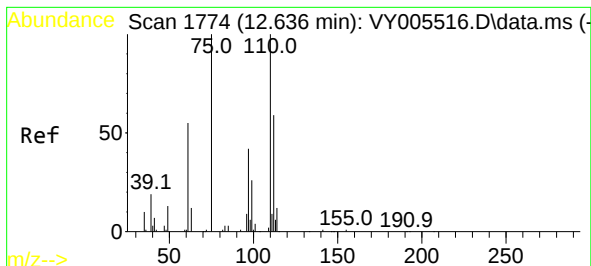
Tgt Ion:117 Resp: 344562
Ion Ratio Lower Upper
117 100
82 52.8 43.5 65.3
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

Tgt Ion:152 Resp: 176708
Ion Ratio Lower Upper
152 100
115 53.6 27.3 81.9
150 156.0 0.0 350.2

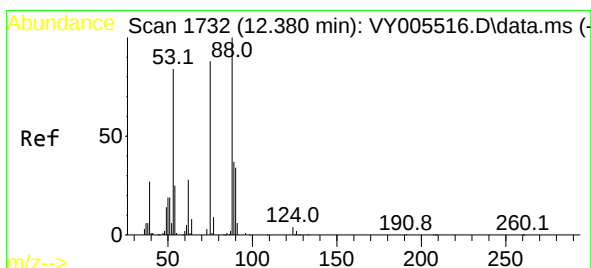
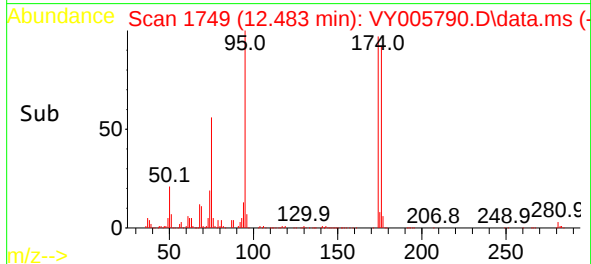
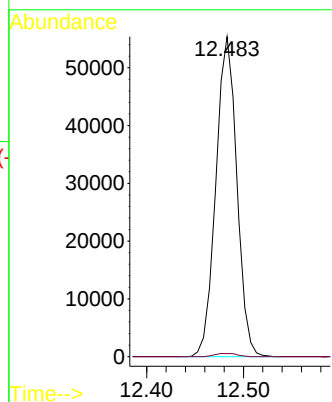
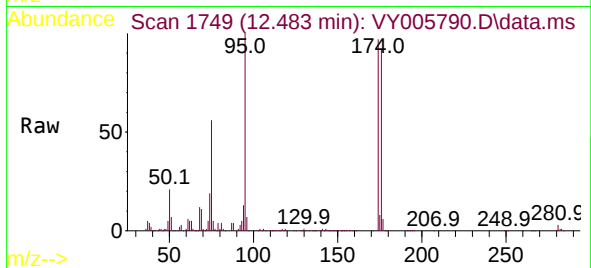




#76
1,2,3-Trichloropropane
Concen: 45.512 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

Instrument :
MSVOA_Y
ClientSampleId :
SWCS-12-0205

Tgt Ion: 75 Resp: 83342
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005790.D
Acq: 20 Aug 2021 14:09

Tgt Ion: 75 Resp: 83342
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

