

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005680.D
 Acq On : 16 Aug 2021 19:00
 Operator : SY/MD
 Sample : M3429-01
 Misc : 9.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 17 05:21:08 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)

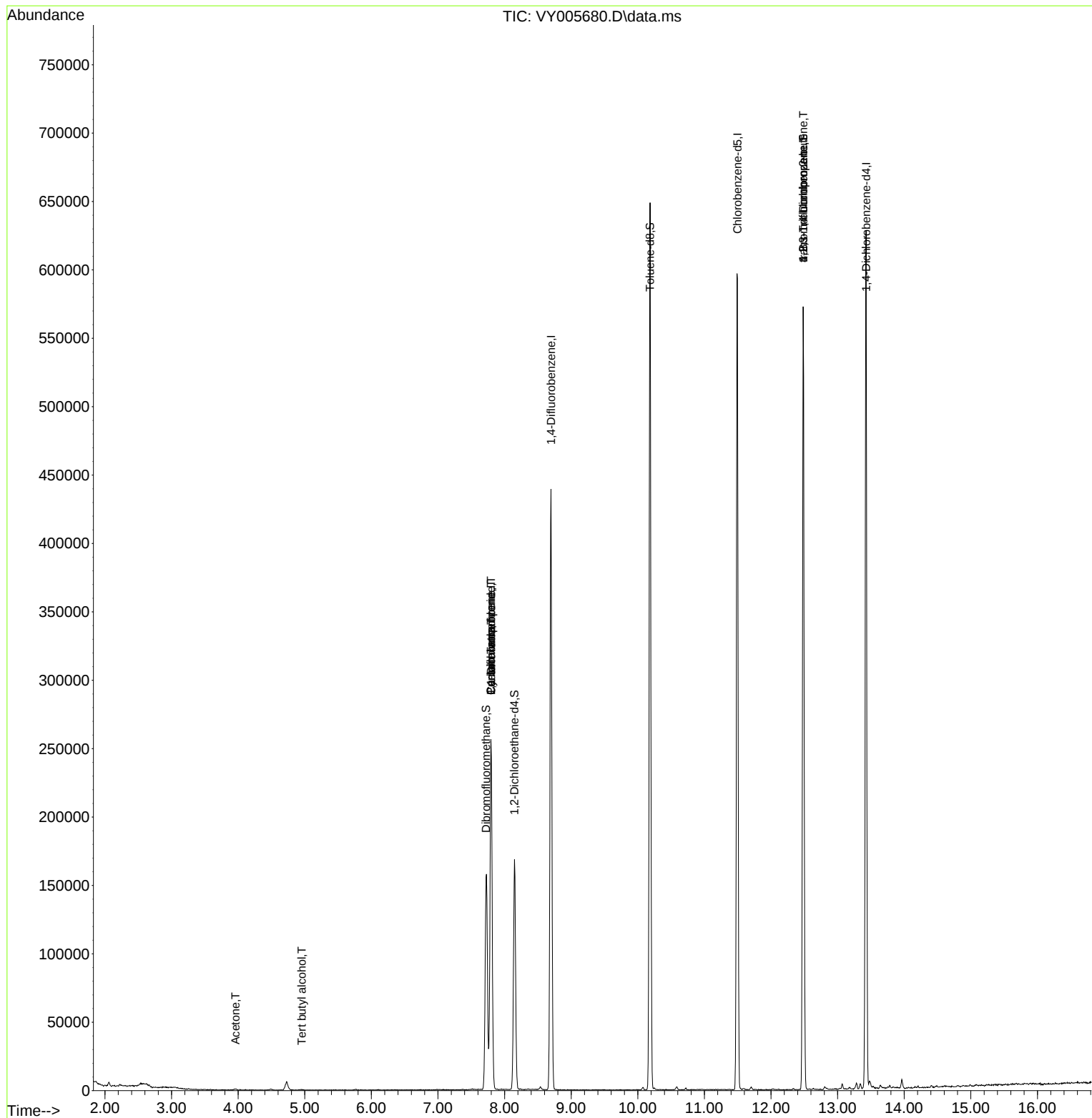
Internal Standards						
1) Pentafluorobenzene	7.795	168	207507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	322289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	134356	63.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.920%	
35) Dibromofluoromethane	7.722	113	109032	53.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.840%	
50) Toluene-d8	10.185	98	407551	48.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	12.483	95	138806	49.424	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.840%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	769	3.703	ug/l #	73
16) Acetone	3.960	43	1413	2.668	ug/l	99
20) Methylene Chloride	4.729	84	4294	Below Cal		89
31) Cyclohexane	7.795	56	4318	1.198	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	15002	4.428	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18736	5.089	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	77989	46.379	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77989	93.494	ug/l #	11

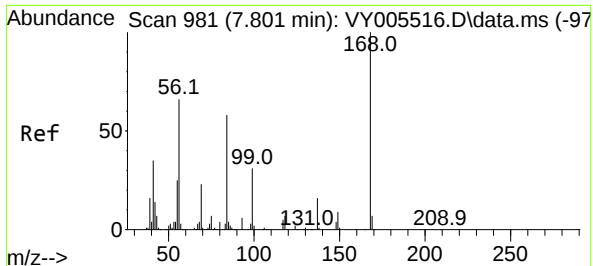
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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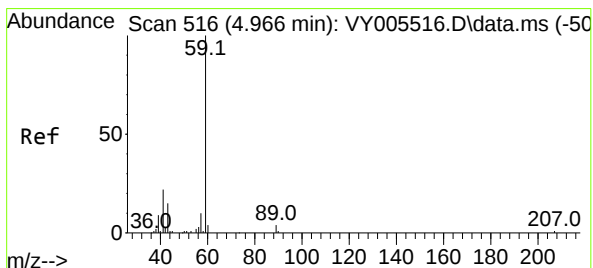
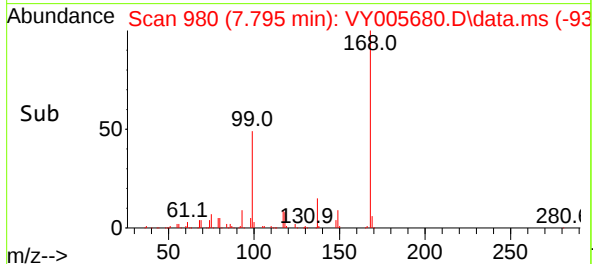
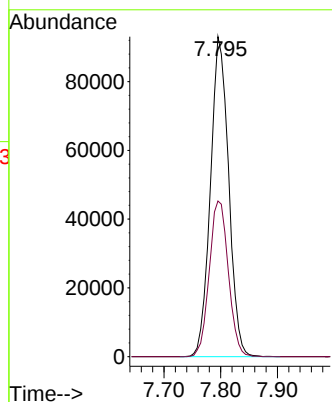
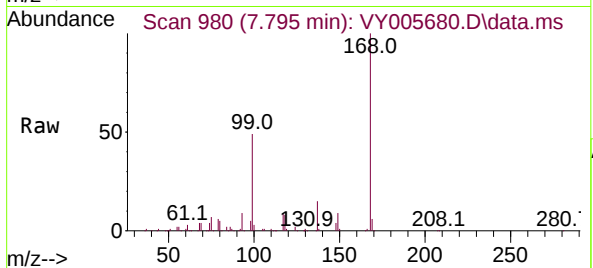




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

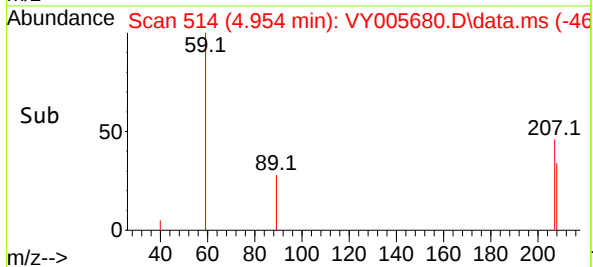
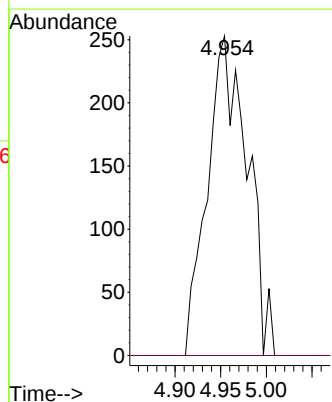
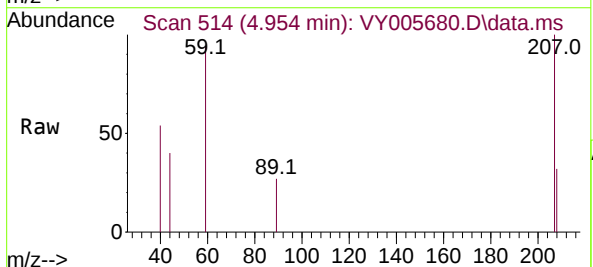
Instrument :
MSVOA_Y
ClientSampled :
WC-1

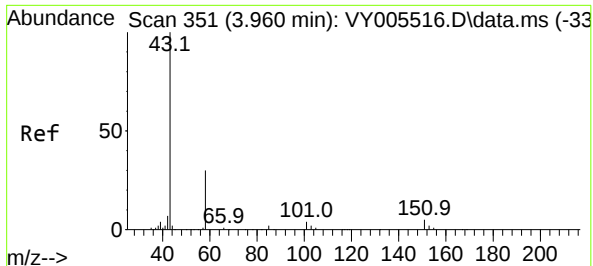
Tgt Ion:168 Resp: 207507
Ion Ratio Lower Upper
168 100
99 48.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.703 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

Tgt Ion: 59 Resp: 769
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

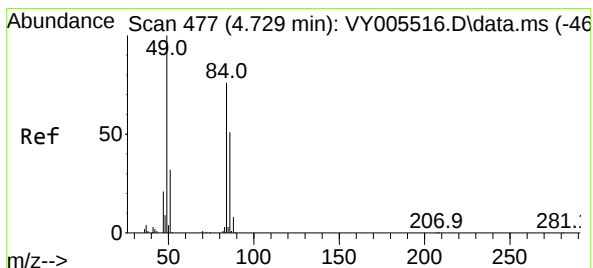
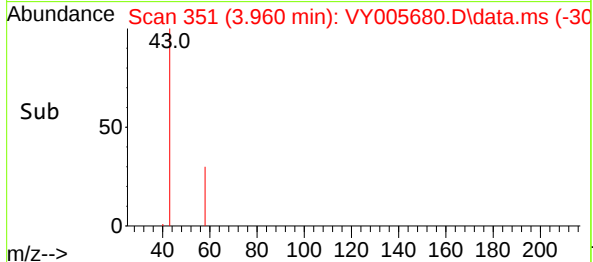
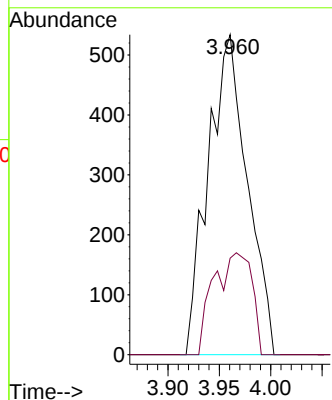
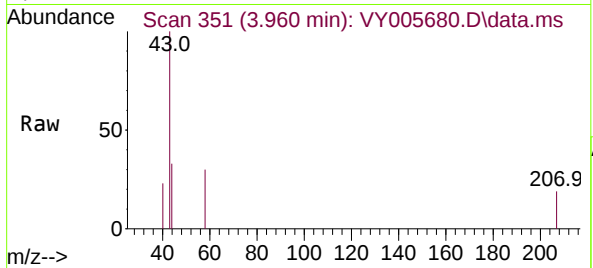




#16
Acetone
Concen: 2.668 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

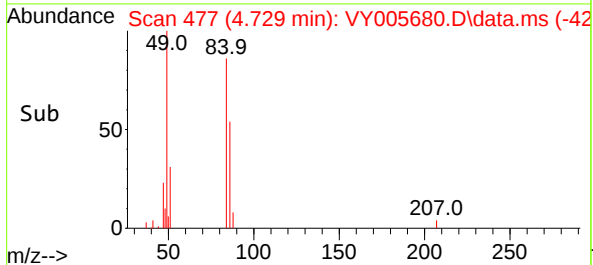
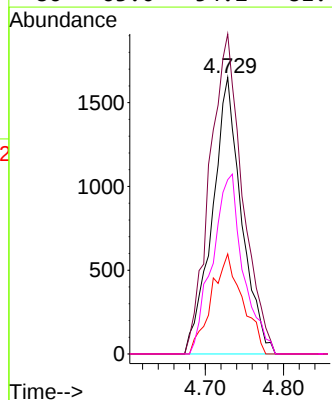
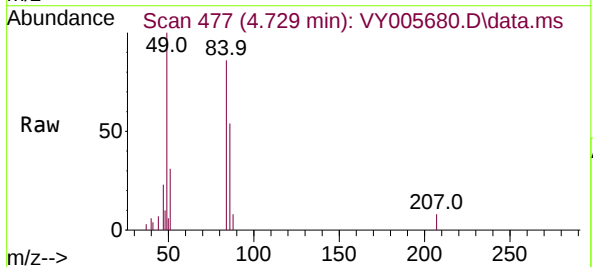
Instrument :
MSVOA_Y
ClientSampled :
WC-1

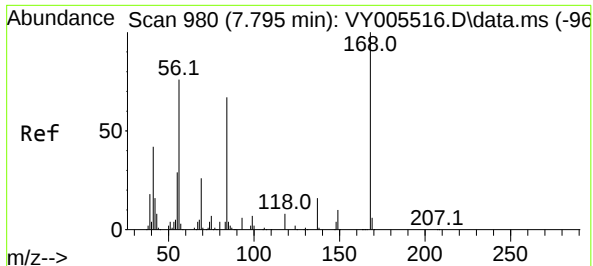
Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

Tgt Ion: 84 Resp: 4294
Ion Ratio Lower Upper
84 100
49 115.8 105.8 158.6
51 36.2 33.4 50.2
86 63.0 54.2 81.4

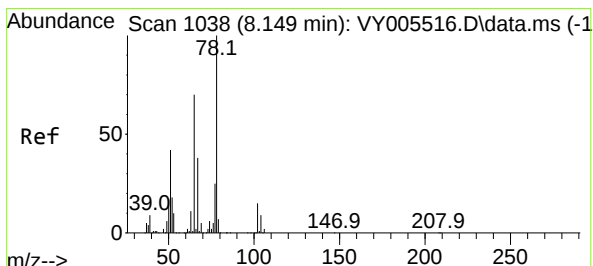
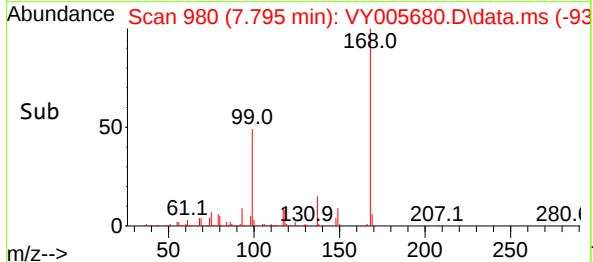
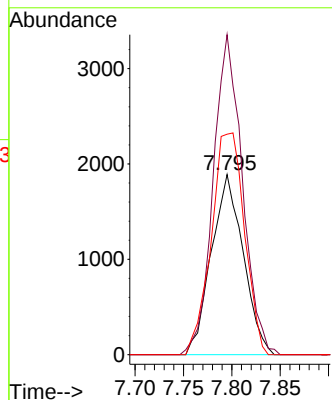
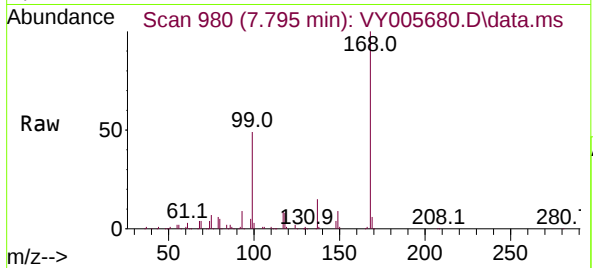




#31
Cyclohexane
Concen: 1.198 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

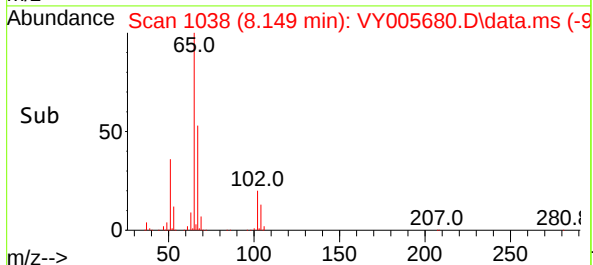
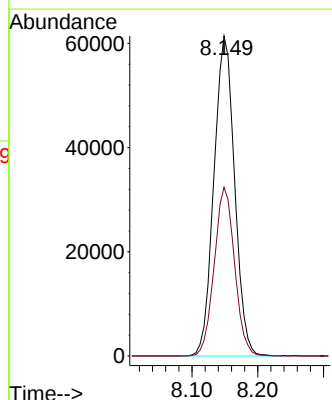
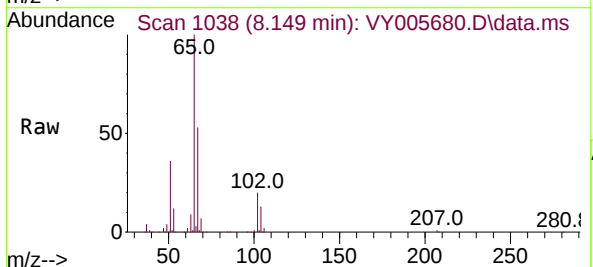
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

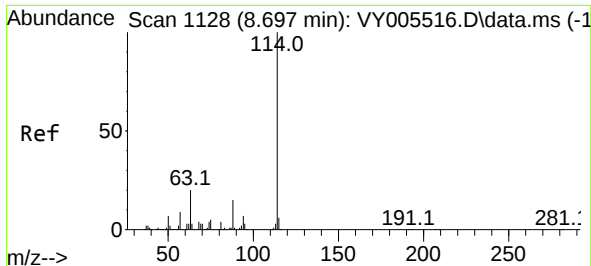
Tgt Ion: 56 Resp: 4318
Ion Ratio Lower Upper
56 100
69 177.7 27.7 41.5#
84 122.4 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 63.964 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

Tgt Ion: 65 Resp: 134356
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4

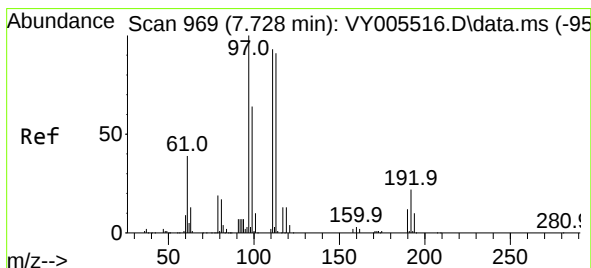
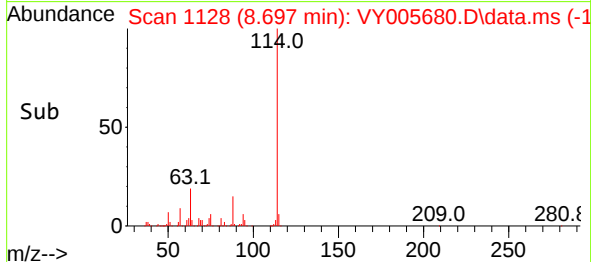
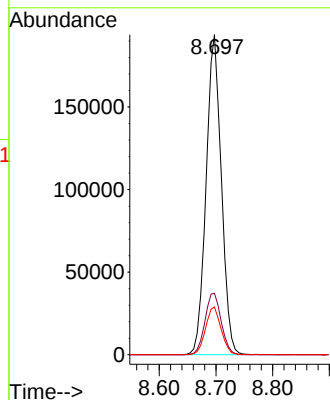
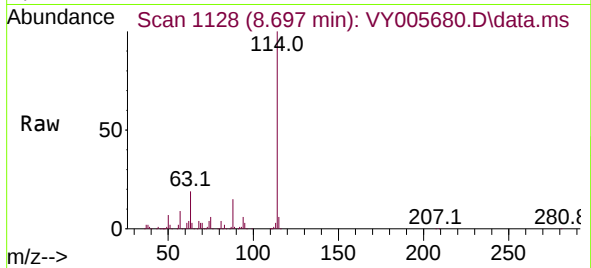




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

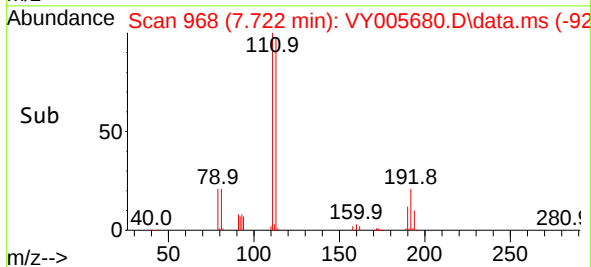
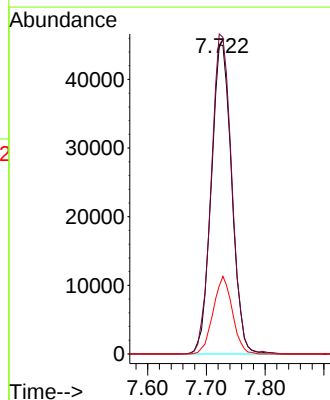
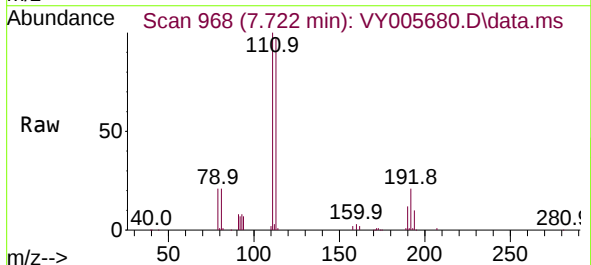
Instrument :
MSVOA_Y
ClientSampled :
WC-1

Tgt Ion:	114	Resp:	361191
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.2
88	14.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.917 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

Tgt Ion:	113	Resp:	109032
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	23.5	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.428 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005680.D

Acq: 16 Aug 2021 19:00

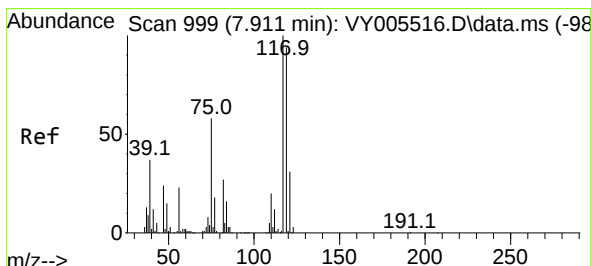
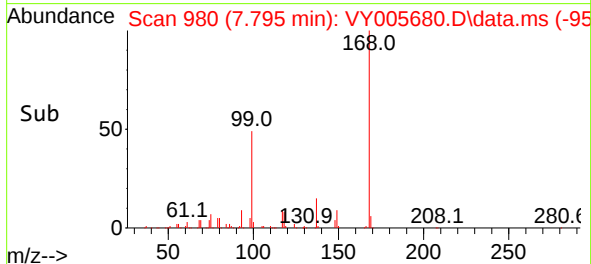
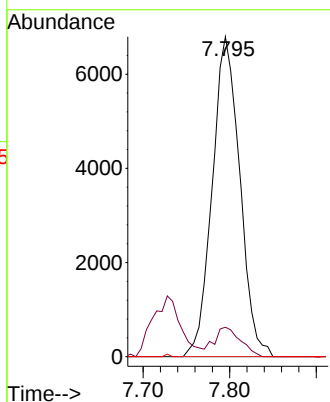
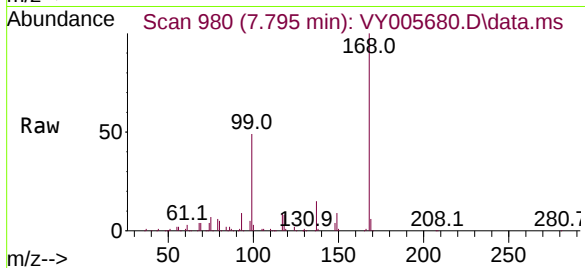
Instrument :

MSVOA_Y

ClientSampleId :

WC-1

Tgt Ion: 75	Resp: 15002
Ion Ratio	Lower Upper
75 100	
110 8.7	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.089 ug/l

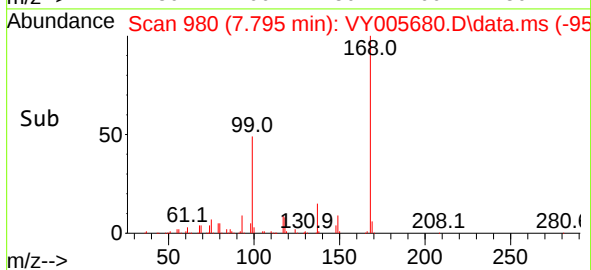
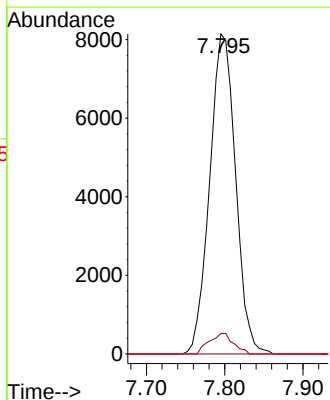
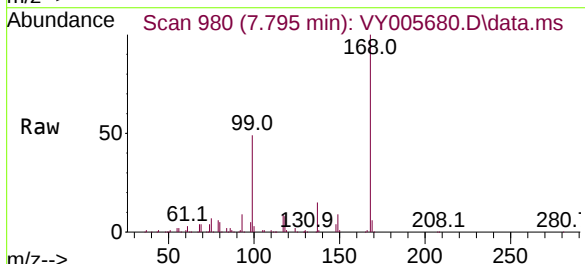
RT: 7.795 min Scan# 980

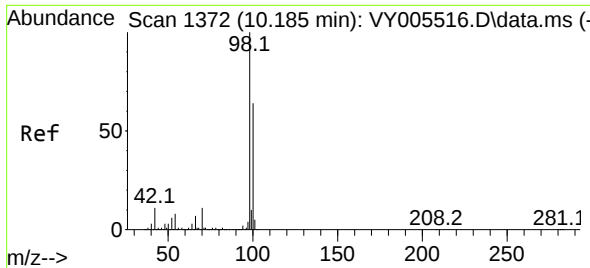
Delta R.T. -0.116 min

Lab File: VY005680.D

Acq: 16 Aug 2021 19:00

Tgt Ion: 117	Resp: 18736
Ion Ratio	Lower Upper
117 100	
119 6.4	75.4 113.0#
121 0.0	25.1 37.7#

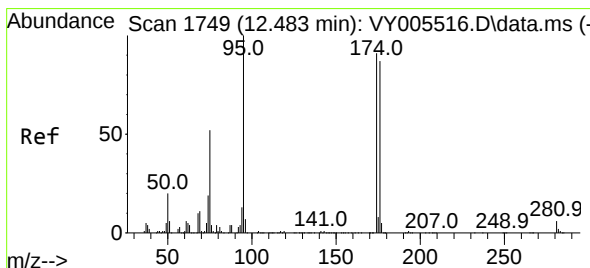
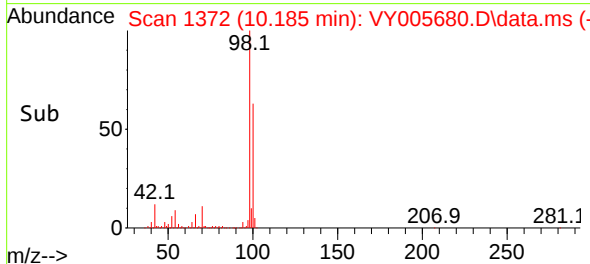
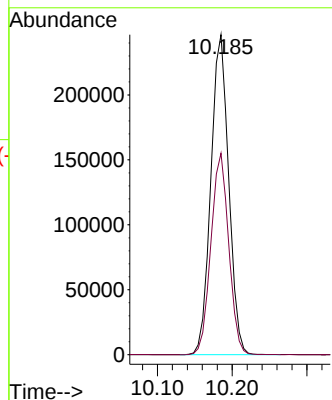
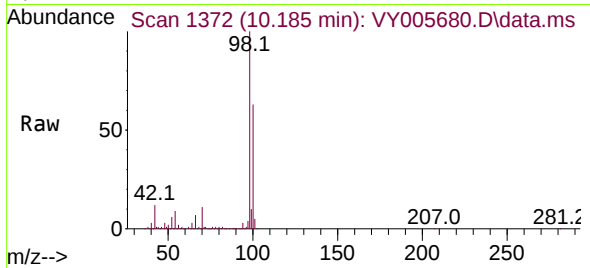




#50
Toluene-d8
Concen: 48.054 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

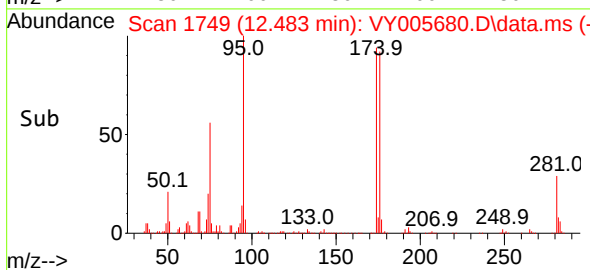
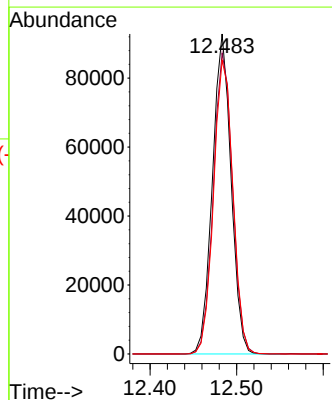
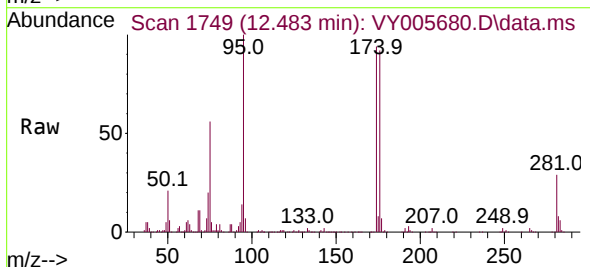
Instrument :
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ClientSampled :
WC-1

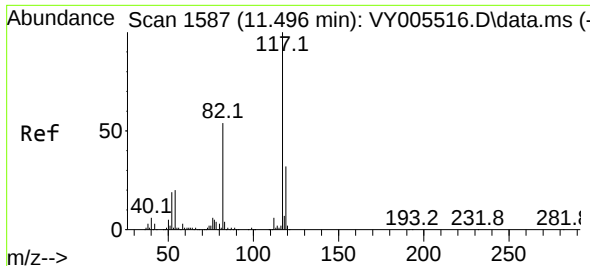
Tgt Ion: 98 Resp: 407551
Ion Ratio Lower Upper
98 100
100 62.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 49.424 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

Tgt Ion: 95 Resp: 138806
Ion Ratio Lower Upper
95 100
174 96.8 0.0 191.4
176 95.1 0.0 183.6

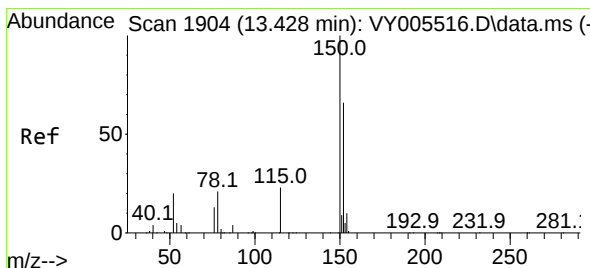
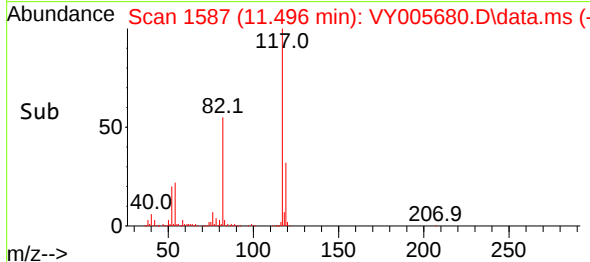
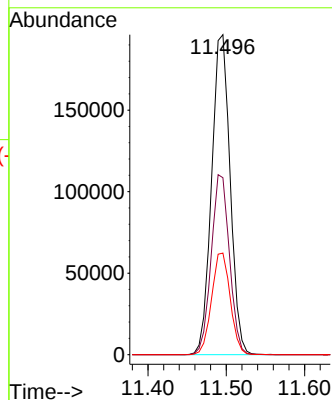
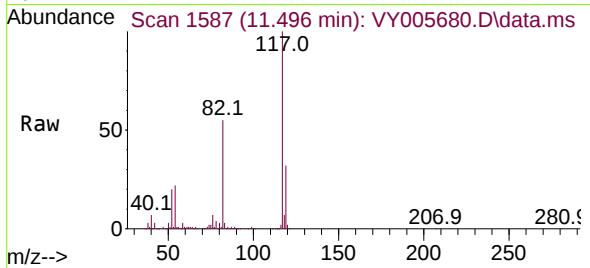




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

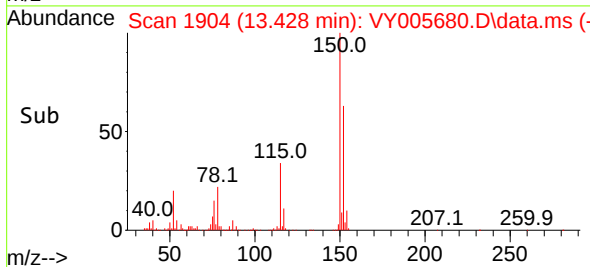
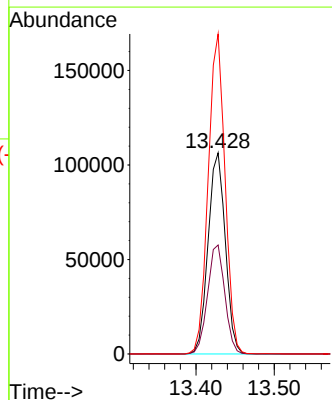
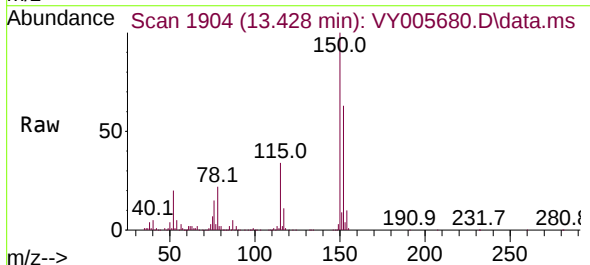
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

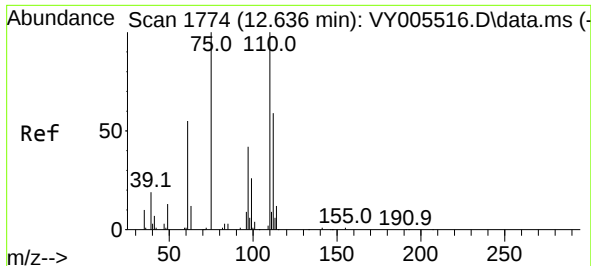
Tgt Ion:	117	Resp:	322289
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.5	65.3
119	31.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

Tgt Ion:	152	Resp:	162268
Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.9
150	155.3	0.0	350.2

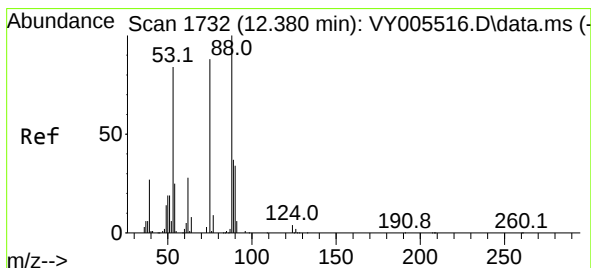
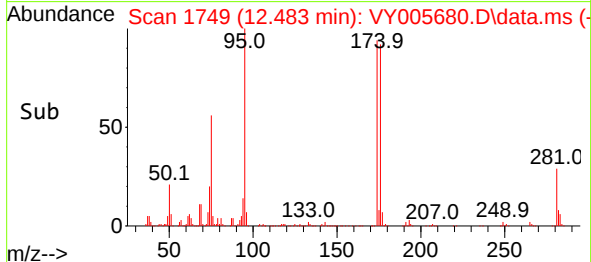
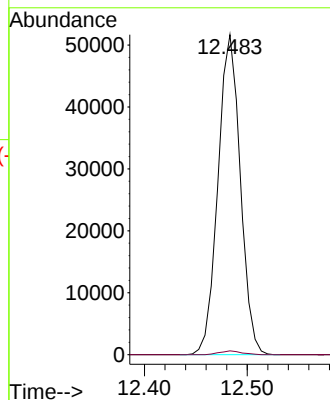
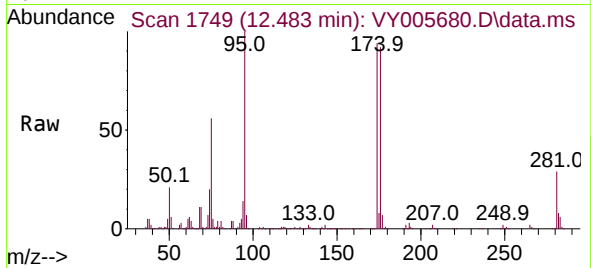




#76
1,2,3-Trichloropropane
Concen: 46.379 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

Instrument :
MSVOA_Y
ClientSampled :
WC-1

Tgt Ion: 75 Resp: 77989
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.494 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005680.D
Acq: 16 Aug 2021 19:00

Tgt Ion: 75 Resp: 77989
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.3 38.4 57.6#

