

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005077.D
 Acq On : 10 Jun 2021 15:19
 Operator : SY/MD
 Sample : M2666-03
 Misc : 3.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

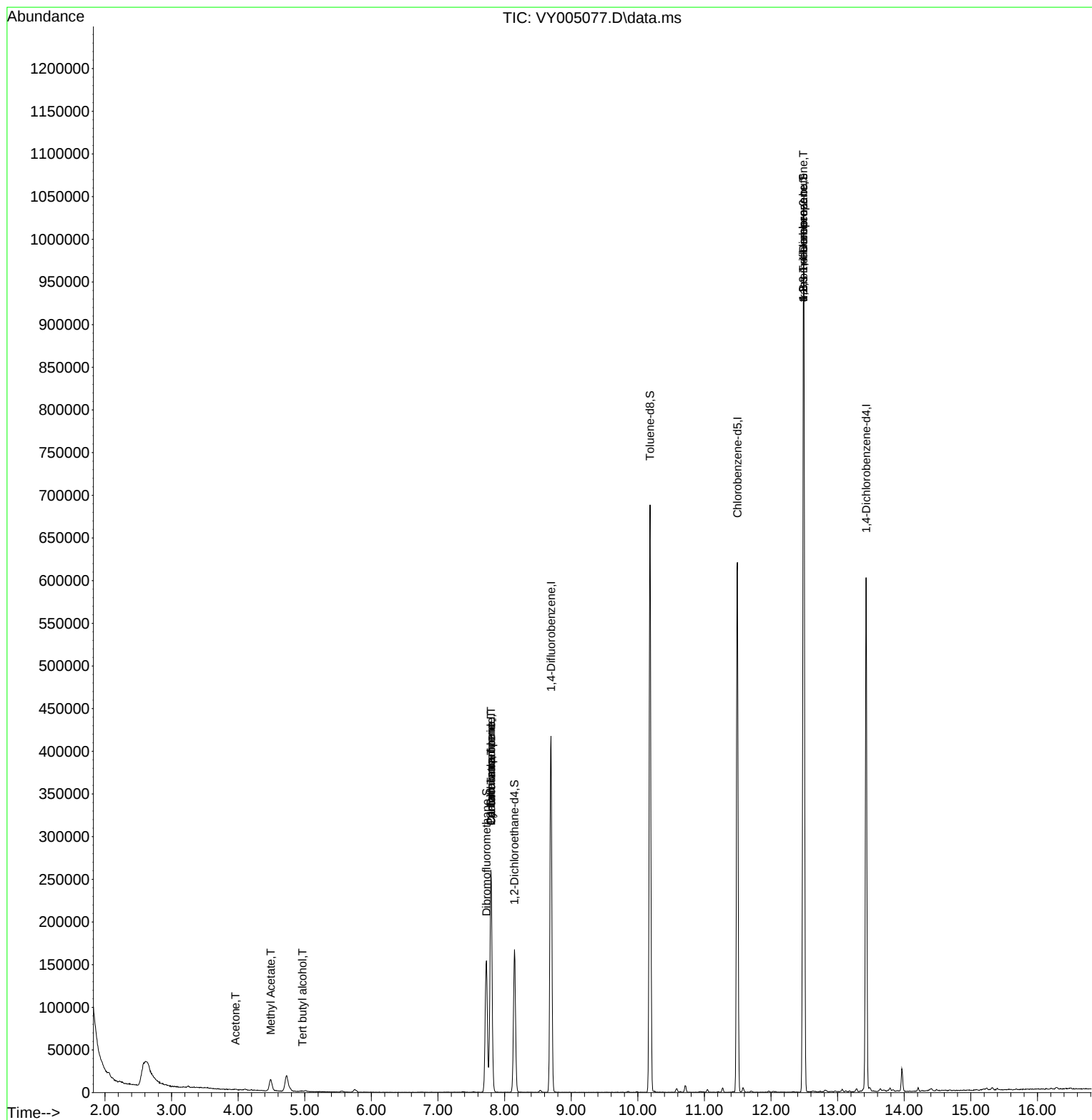
Internal Standards						
1) Pentafluorobenzene	7.795	168	200749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	343896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	125256	59.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.040%	
35) Dibromofluoromethane	7.728	113	112002	57.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.120%	
50) Toluene-d8	10.185	98	447759	55.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.800%	
62) 4-Bromofluorobenzene	12.483	95	154244	55.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.980%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	797	3.266	ug/l #	88
16) Acetone	3.960	43	1320	2.584	ug/l #	61
18) Methyl Acetate	4.490	43	27920	17.054	ug/l	99
20) Methylene Chloride	4.722	84	13520	Below Cal		90
31) Cyclohexane	7.795	56	4370	1.170	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15784	4.459	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19870	6.450	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	84157	50.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84157	93.365	ug/l #	16

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

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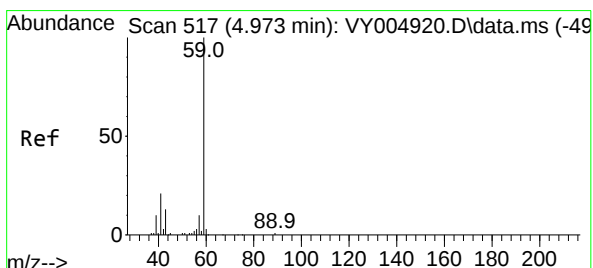
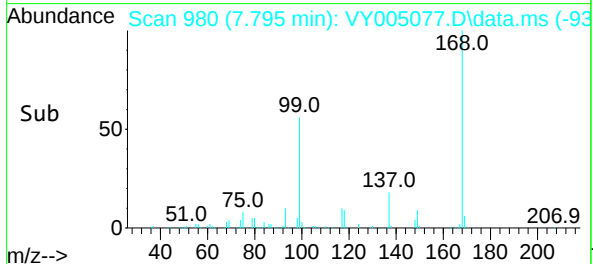
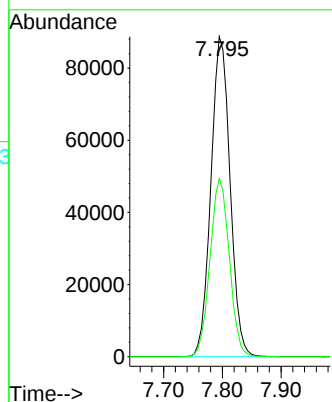
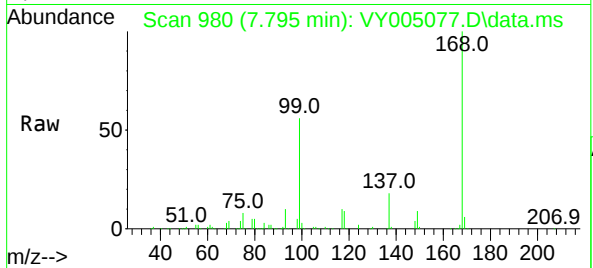




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

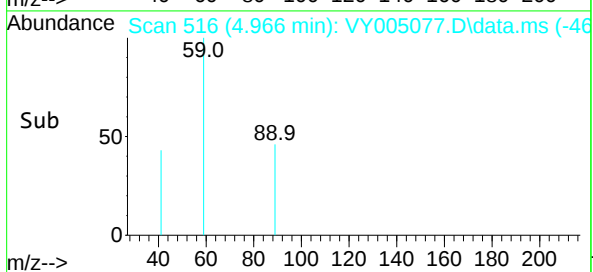
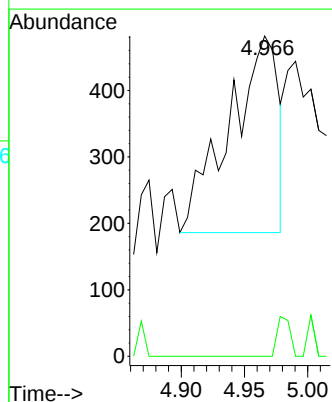
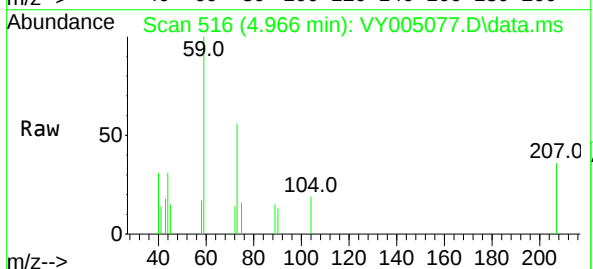
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 200749
Ion Ratio Lower Upper
168 100
99 55.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.266 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

Tgt Ion: 59 Resp: 797
Ion Ratio Lower Upper
59 100
57 5.3 7.7 11.5#

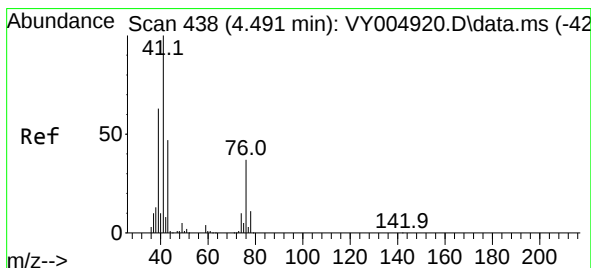
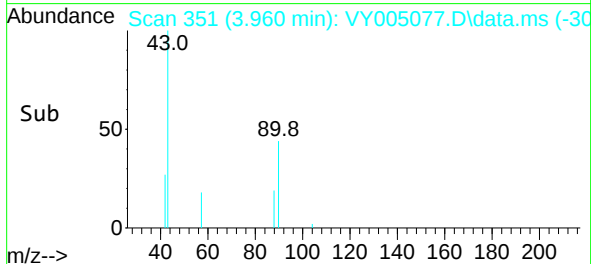
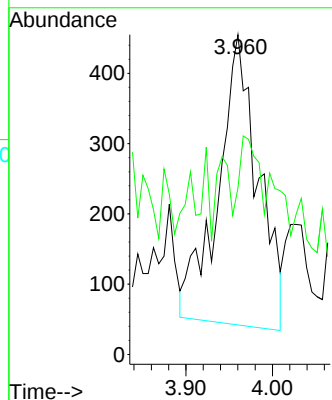
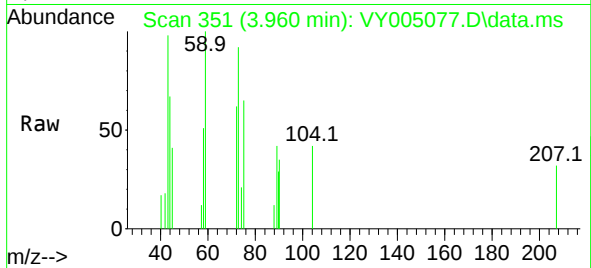




#16
Acetone
Concen: 2.584 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

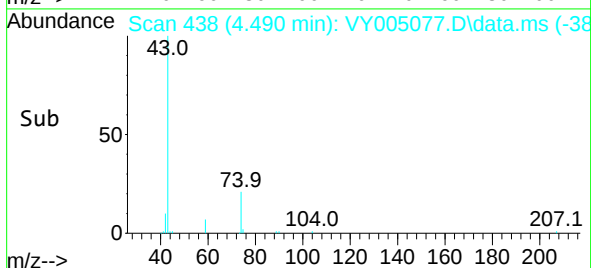
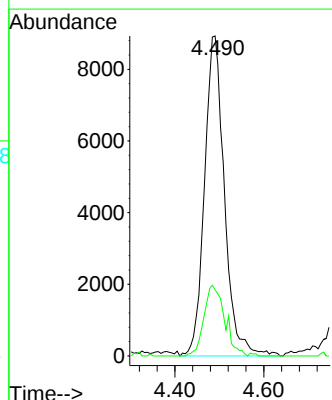
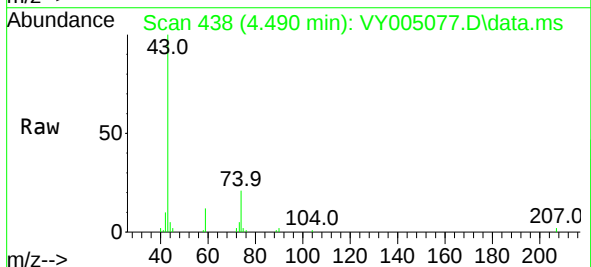
Instrument :
MSVOA_Y
ClientSampled :

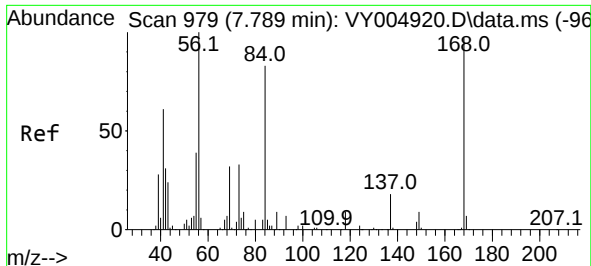
Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 9.9 25.3 37.9#



#18
Methyl Acetate
Concen: 17.054 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

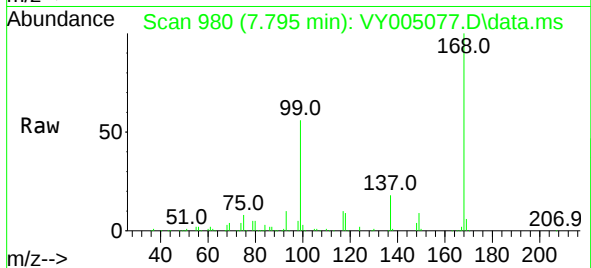
Tgt Ion: 43 Resp: 27920
Ion Ratio Lower Upper
43 100
74 23.0 18.0 27.0



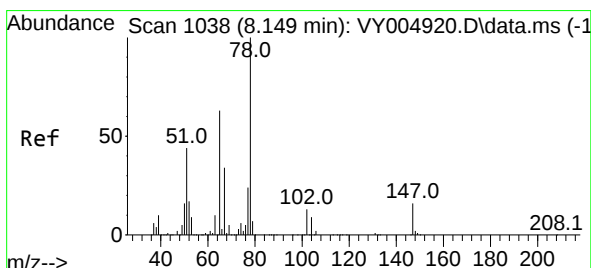
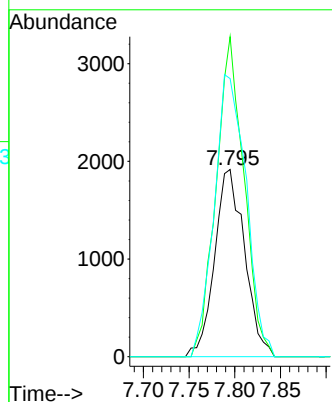
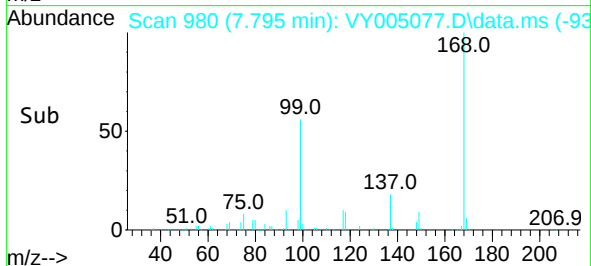


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

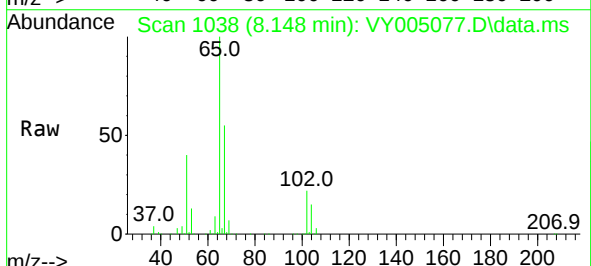
Instrument :
MSVOA_Y
ClientSampled :



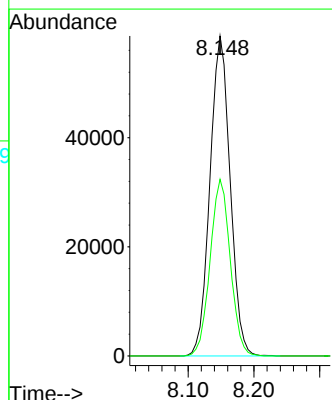
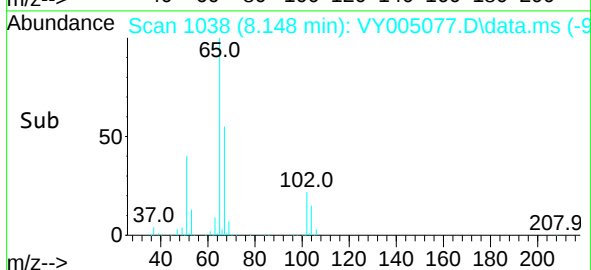
Tgt Ion: 56 Resp: 4370
Ion Ratio Lower Upper
56 100
69 170.9 25.3 37.9#
84 148.5 66.2 99.4#

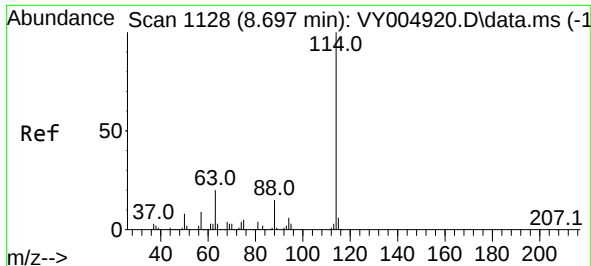


#33
1,2-Dichloroethane-d4
Concen: 59.020 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19



Tgt Ion: 65 Resp: 125256
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.6

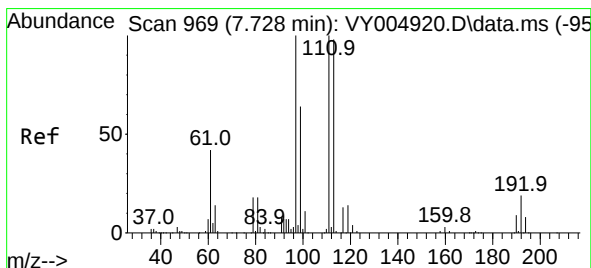
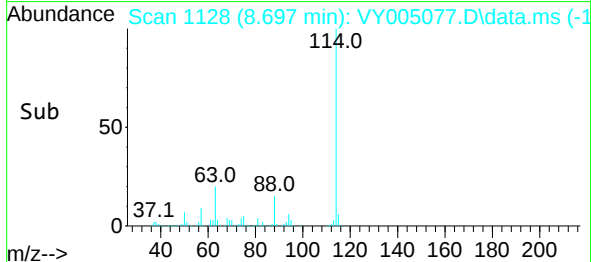
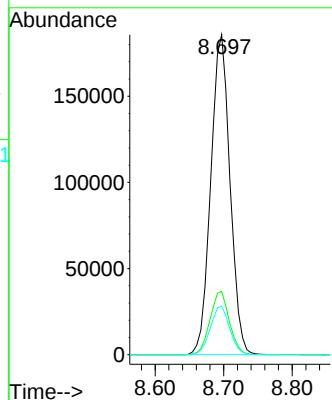
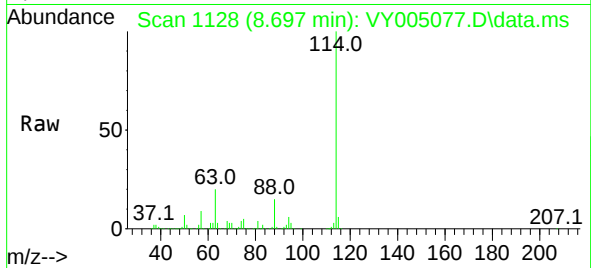




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

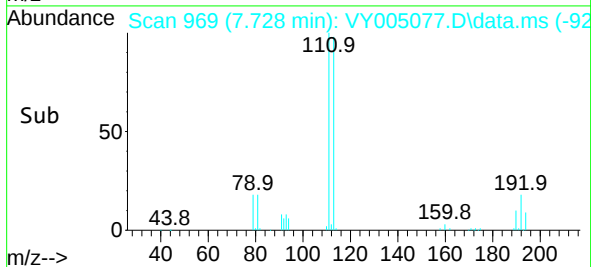
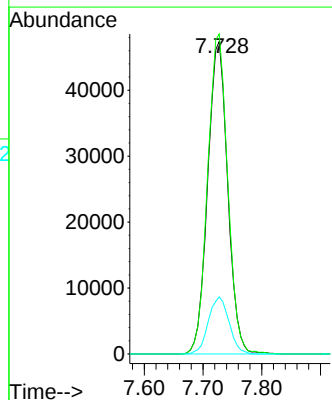
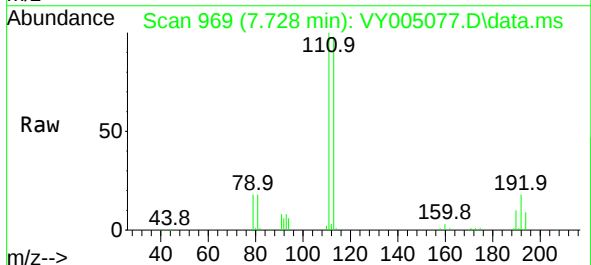
Instrument :
MSVOA_Y
ClientSampleId :

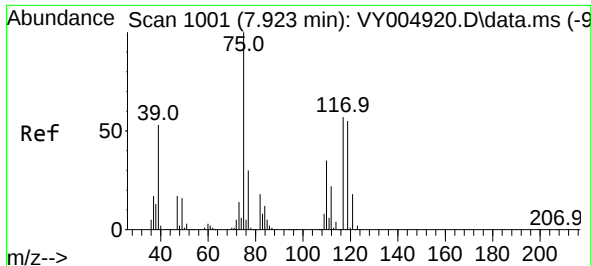
Tgt Ion:114 Resp: 361701
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.0
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.555 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

Tgt Ion:113 Resp: 112002
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 18.8 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.459 ug/l

RT: 7.795 min Scan# 980

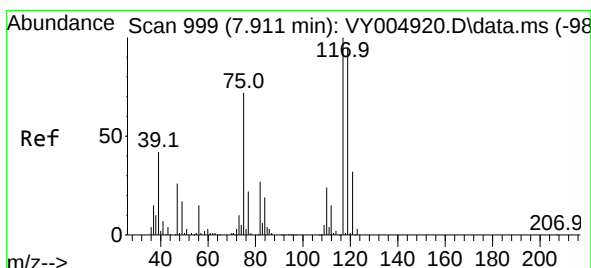
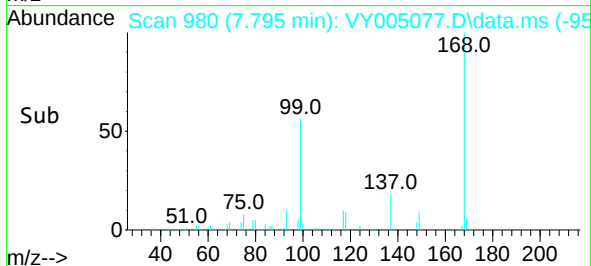
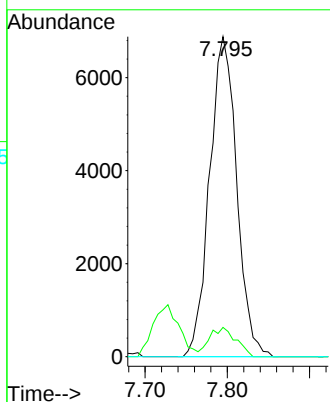
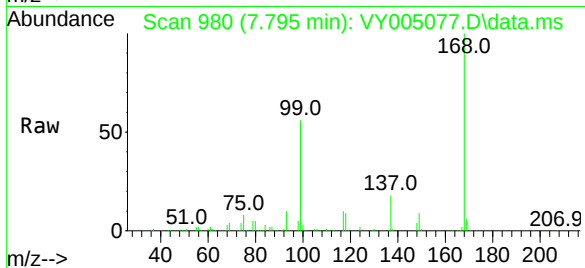
Delta R.T. -0.128 min

Lab File: VY005077.D

Acq: 10 Jun 2021 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75	Resp: 15784
Ion Ratio	Lower Upper
75 100	
110 8.9	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.450 ug/l

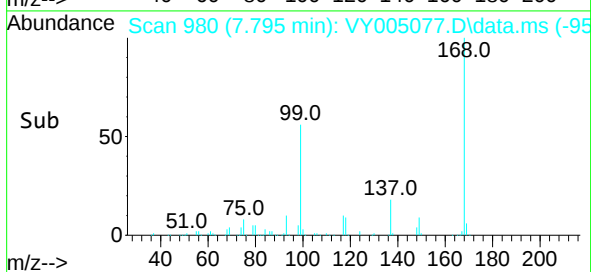
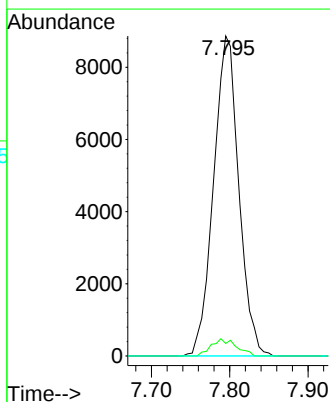
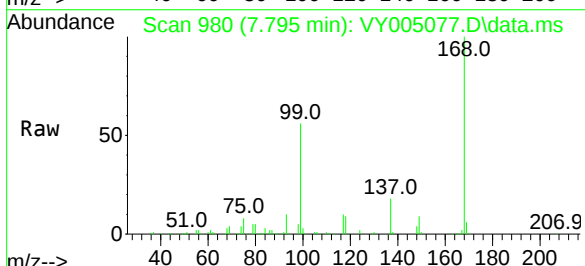
RT: 7.795 min Scan# 980

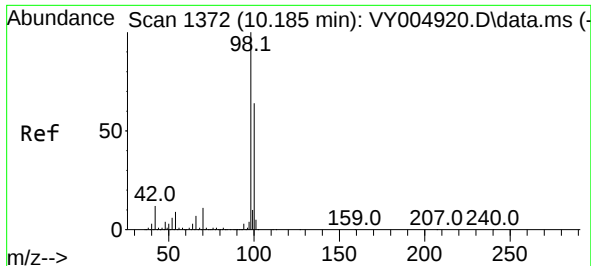
Delta R.T. -0.116 min

Lab File: VY005077.D

Acq: 10 Jun 2021 15:19

Tgt Ion: 117	Resp: 19870
Ion Ratio	Lower Upper
117 100	
119 3.9	76.1 114.1#
121 0.0	25.5 38.3#

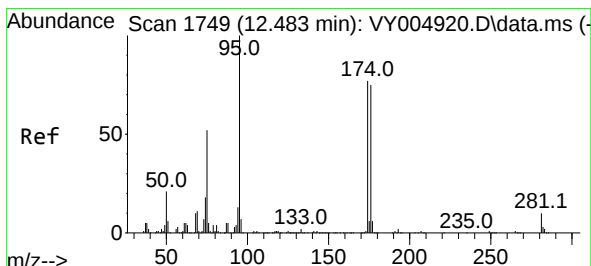
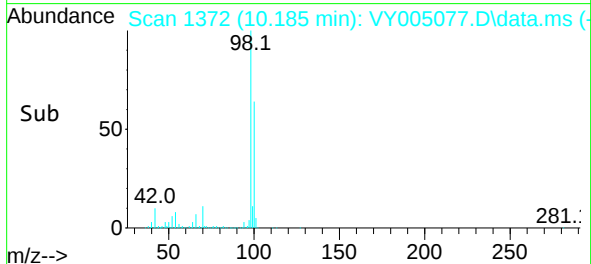
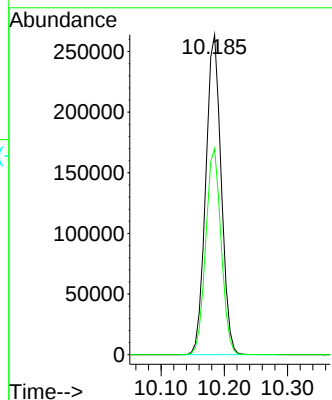
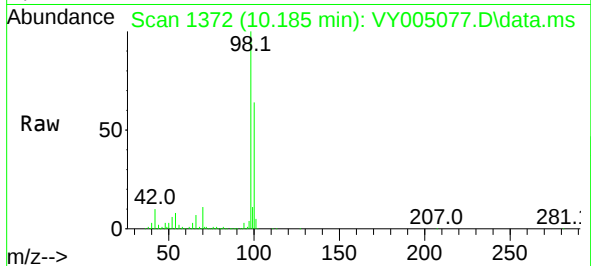




#50
Toluene-d8
Concen: 55.402 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

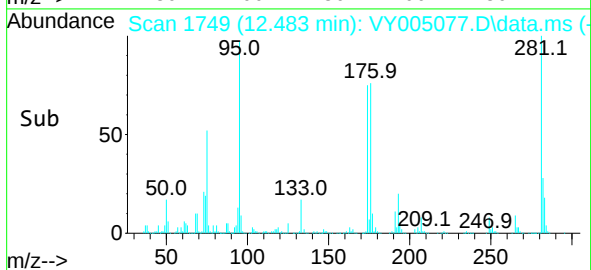
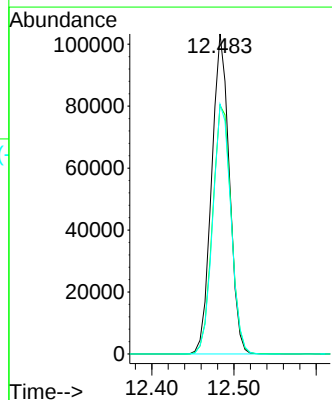
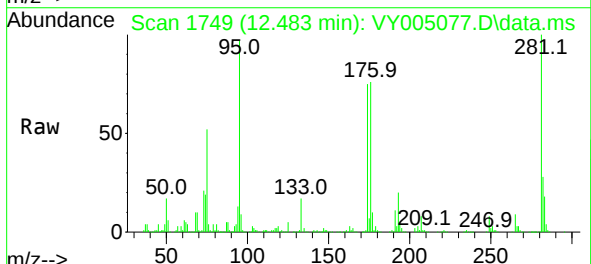
Instrument :
MSVOA_Y
ClientSampled :

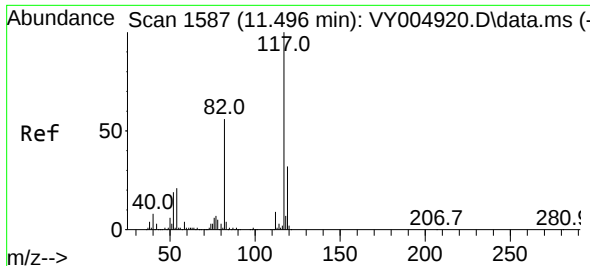
Tgt Ion: 98 Resp: 447759
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

Tgt Ion: 95 Resp: 154244
Ion Ratio Lower Upper
95 100
174 81.2 0.0 160.8
176 79.8 0.0 155.6

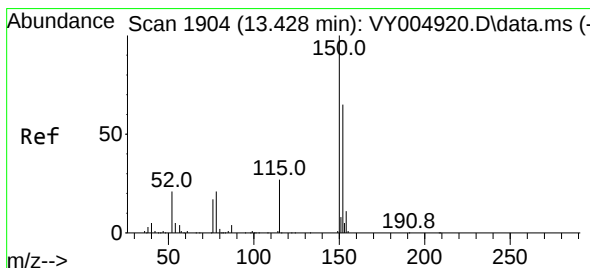
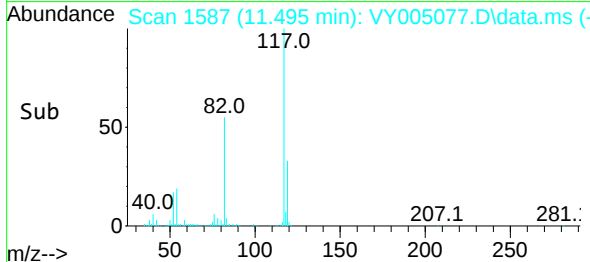
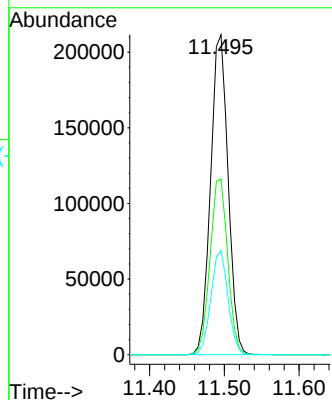
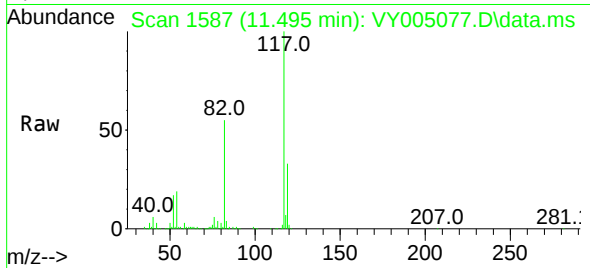




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

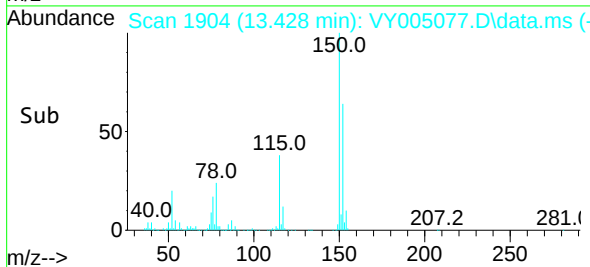
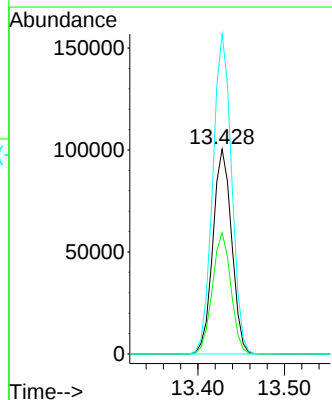
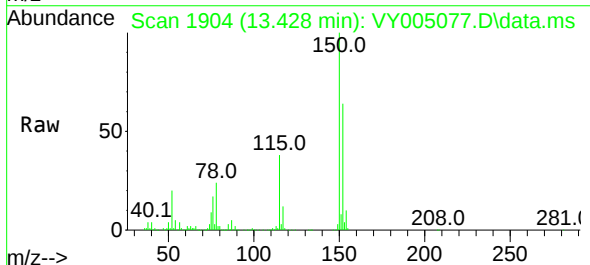
Instrument :
MSVOA_Y
ClientSampleId :

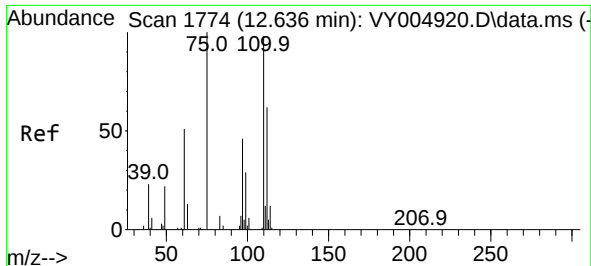
Tgt Ion:117 Resp: 343896
Ion Ratio Lower Upper
117 100
82 54.9 44.8 67.2
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

Tgt Ion:152 Resp: 151117
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.7
150 156.8 0.0 347.8

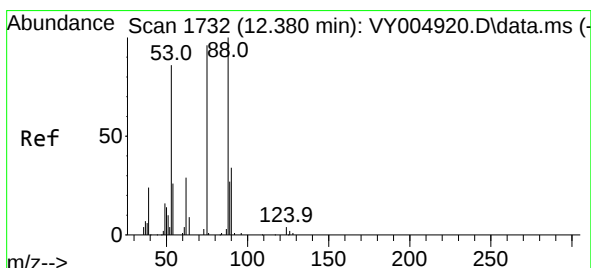
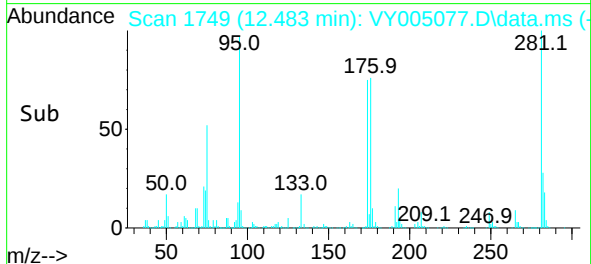
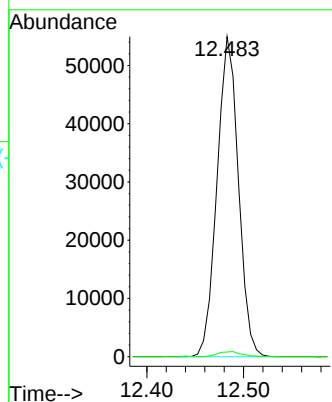
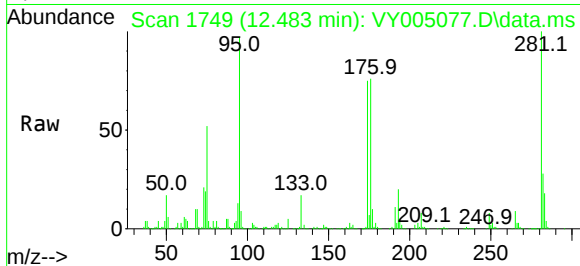




#76
1,2,3-Trichloropropane
Concen: 50.803 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 84157
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005077.D
Acq: 10 Jun 2021 15:19

Tgt Ion: 75 Resp: 84157
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.9 35.0 52.6#

