

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005937.D
 Acq On : 07 Sep 2021 12:25
 Operator : SY/MD
 Sample : VY0907SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 13:50:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

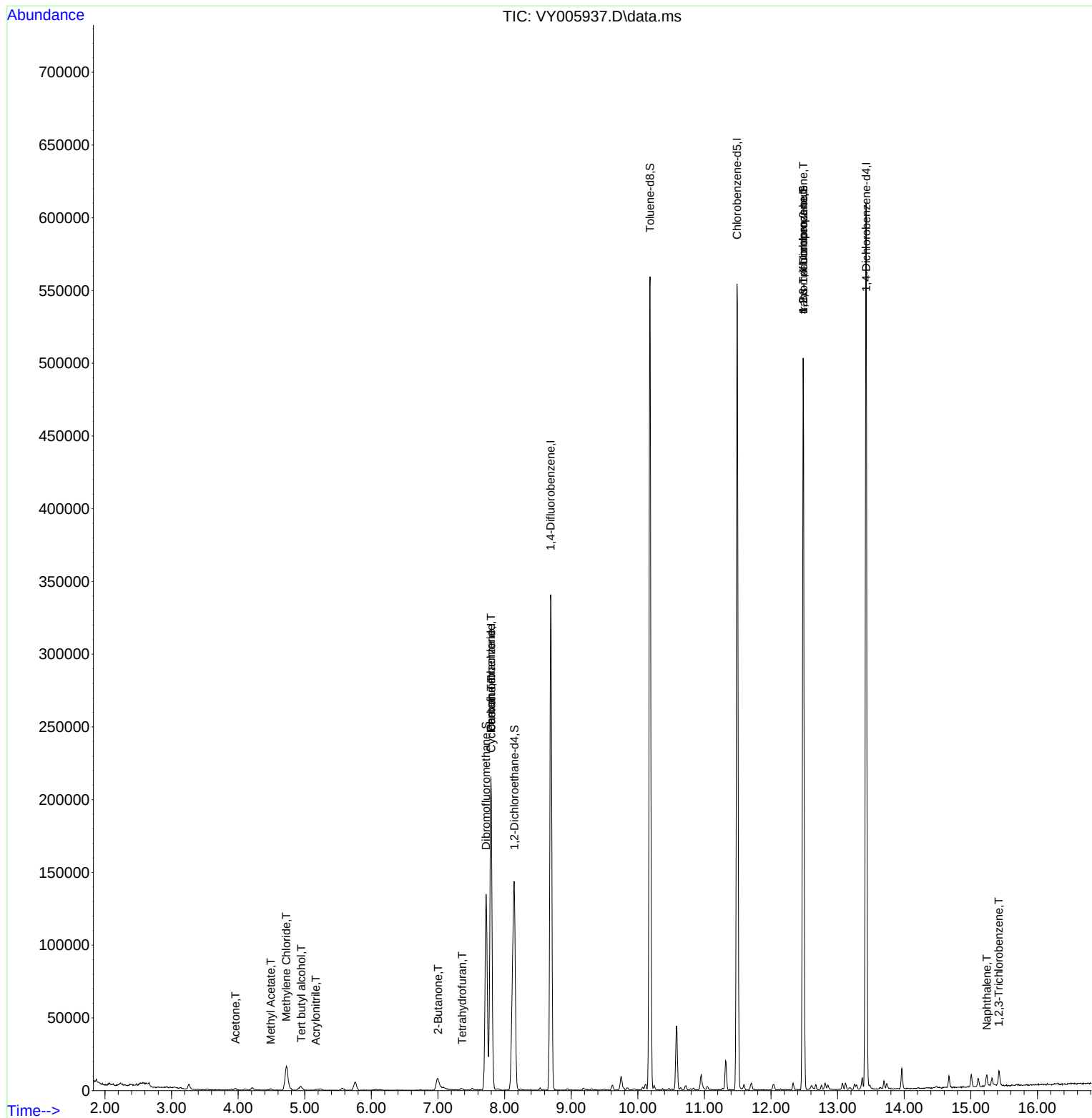
Internal Standards						
1) Pentafluorobenzene	7.795	168	184274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	305152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93638	50.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.860%	
35) Dibromofluoromethane	7.722	113	92585	54.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.060%	
50) Toluene-d8	10.185	98	380108	52.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.483	95	136951	56.708	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	2888	7.909	ug/l #	80
15) Acrylonitrile	5.167	53	813	1.632	ug/l #	81
16) Acetone	3.960	43	1858	3.924	ug/l	90
18) Methyl Acetate	4.491	43	1427	1.085	ug/l #	83
20) Methylene Chloride	4.722	84	13117	2.416	ug/l	91
25) 2-Butanone	7.002	43	899	1.344	ug/l	98
29) Tetrahydrofuran	7.362	42	657	1.516	ug/l #	79
31) Cyclohexane	7.801	56	3167	1.011	ug/l #	1
38) Carbon Tetrachloride	7.795	117	15523	4.985	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	70622	45.340	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70622	86.227	ug/l #	14
95) Naphthalene	15.239	128	6547	1.047	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	3495	1.230	ug/l	97

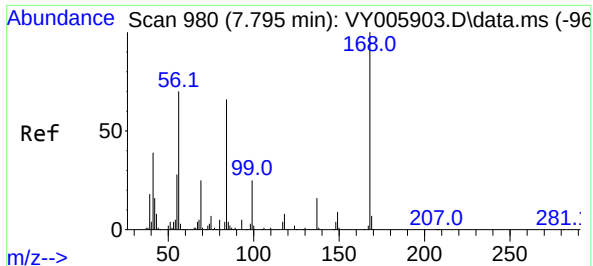
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 07 13:50:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
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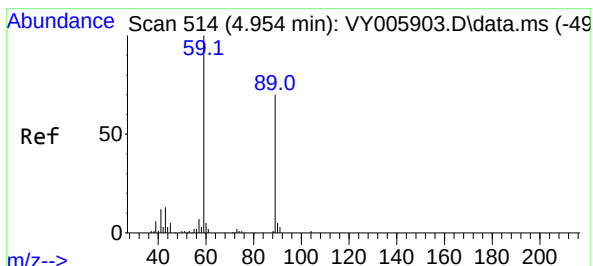
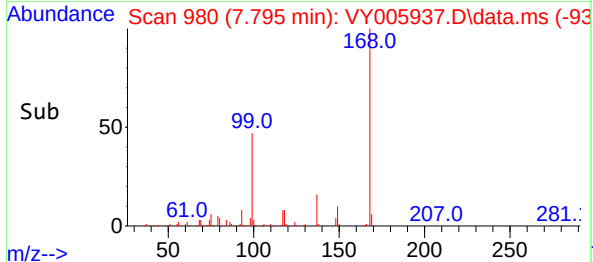
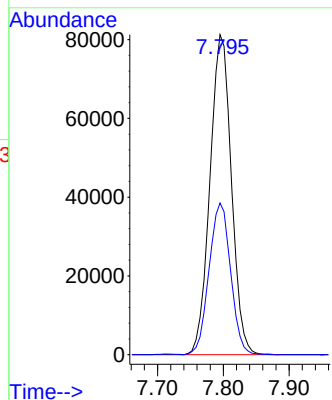
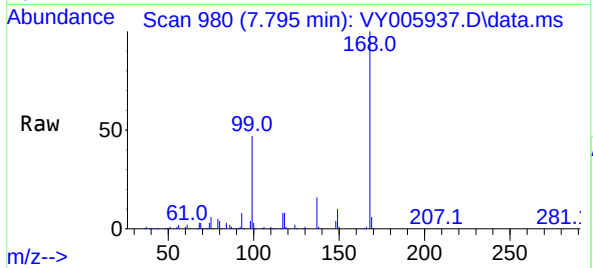




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

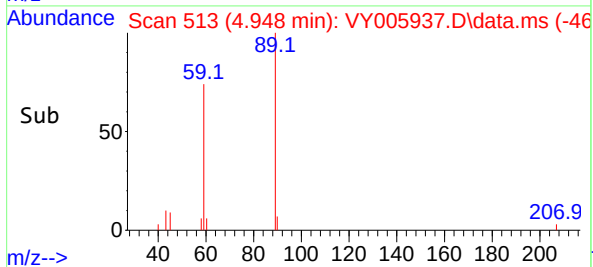
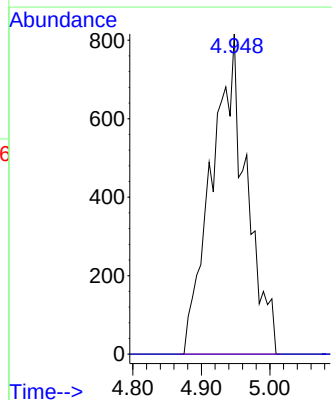
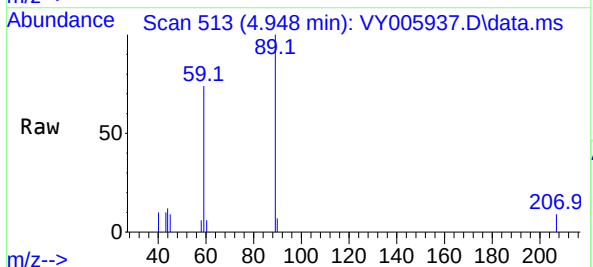
Instrument :
MSVOA_Y
ClientSampleId :

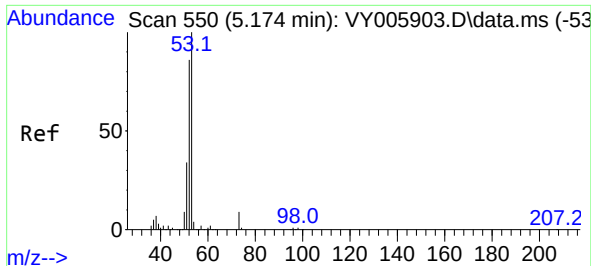
Tgt Ion:168 Resp: 184274
Ion Ratio Lower Upper
168 100
99 47.4 40.6 60.8



#11
Tert butyl alcohol
Concen: 7.909 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion: 59 Resp: 2888
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

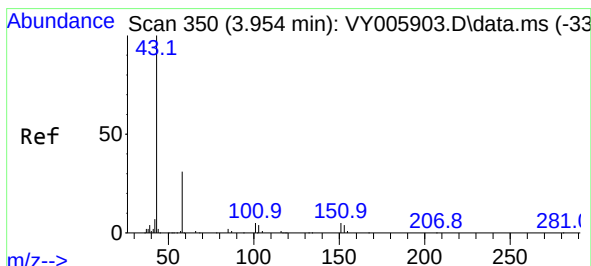
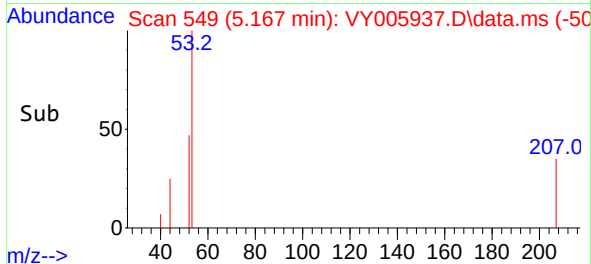
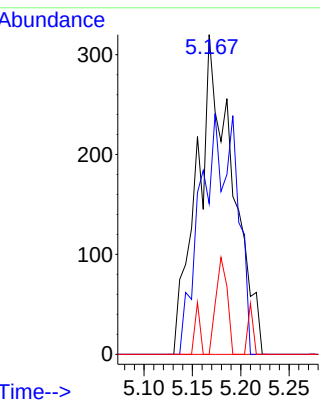
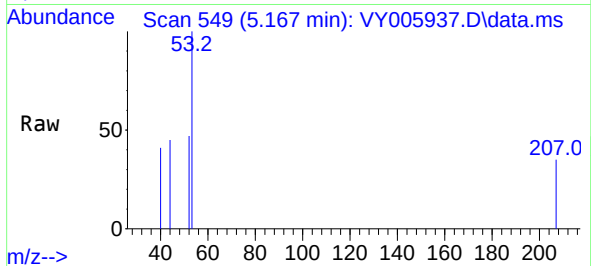




#15
Acrylonitrile
Concen: 1.632 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

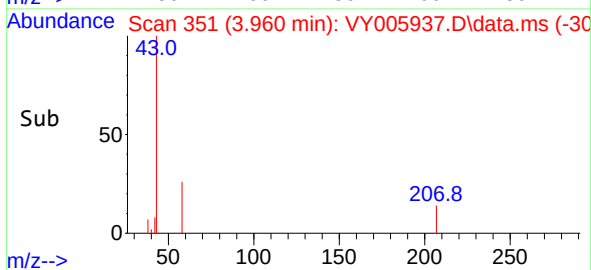
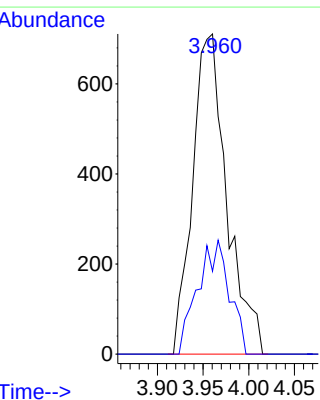
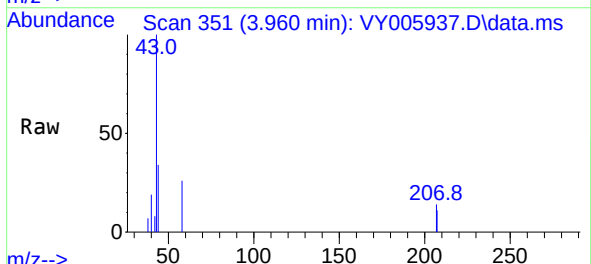
Instrument :
MSVOA_Y
ClientSampled :

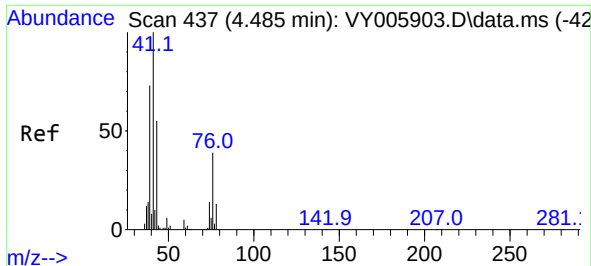
Tgt Ion: 53 Resp: 813
Ion Ratio Lower Upper
53 100
52 76.0 66.3 99.5
51 9.7 29.0 43.4#



#16
Acetone
Concen: 3.924 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
58 25.9 25.1 37.7

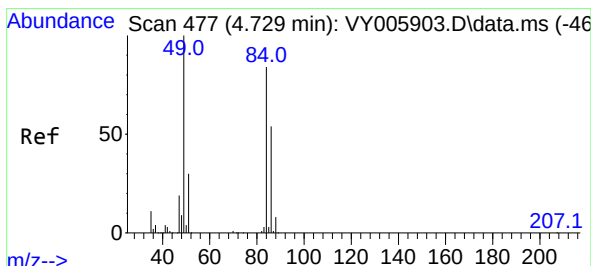
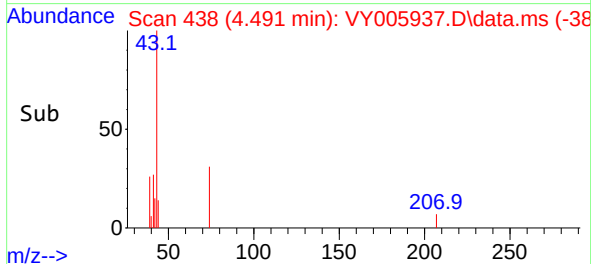
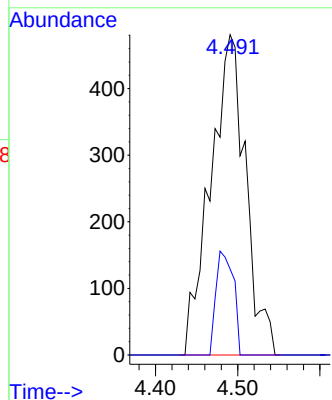
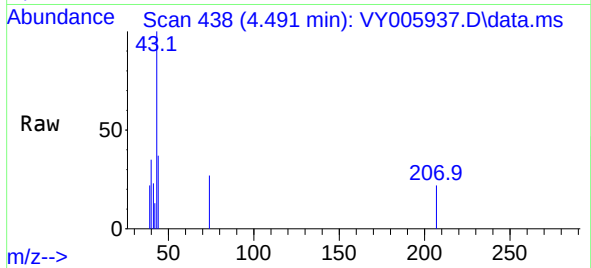




#18
Methyl Acetate
Concen: 1.085 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

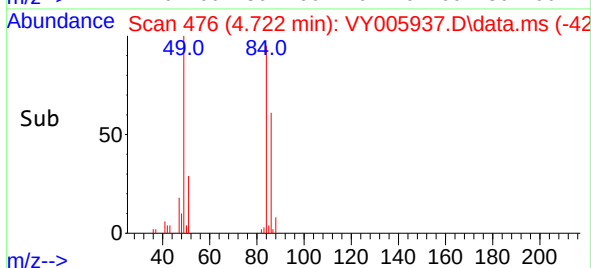
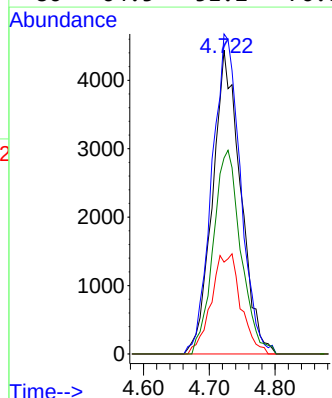
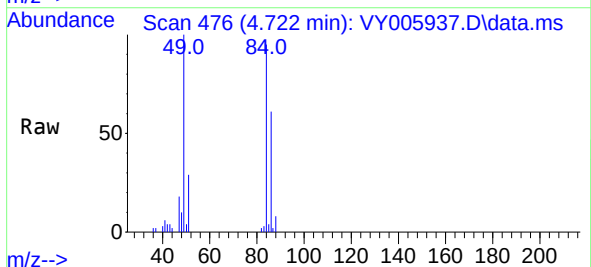
Instrument :
MSVOA_Y
ClientSampled :

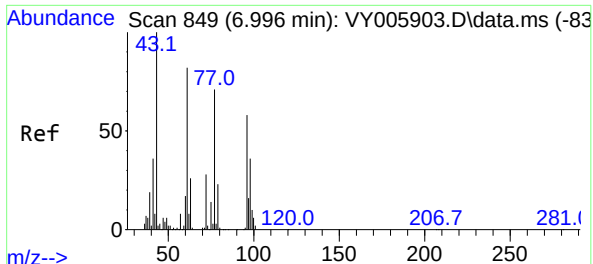
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
74 16.1 19.7 29.5#



#20
Methylene Chloride
Concen: 2.416 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion: 84 Resp: 13117
Ion Ratio Lower Upper
84 100
49 105.3 95.7 143.5
51 30.2 29.0 43.6
86 64.5 51.2 76.8

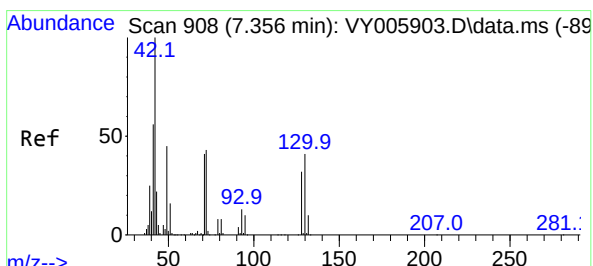
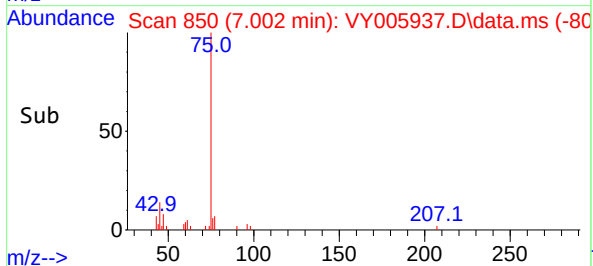
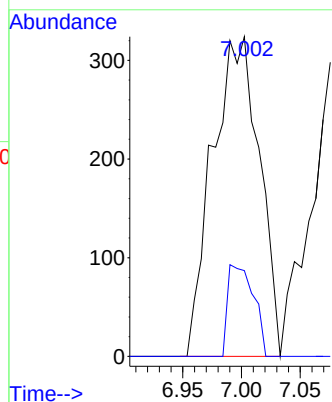
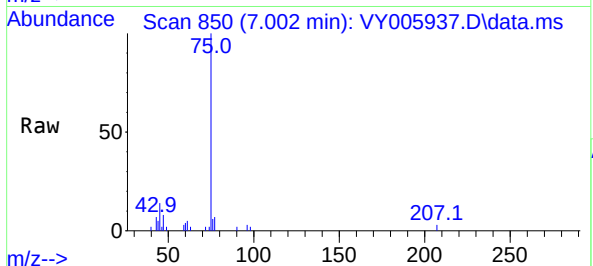




#25
2-Butanone
Concen: 1.344 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

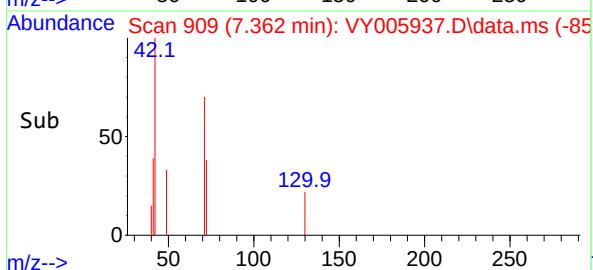
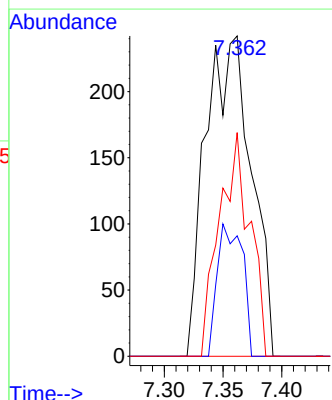
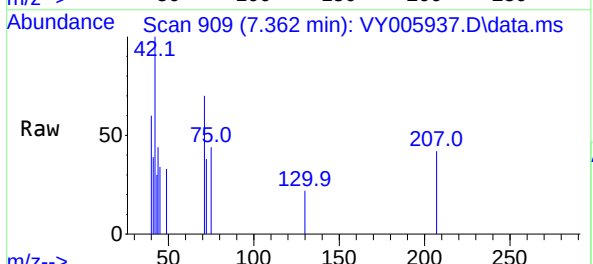
Instrument :
MSVOA_Y
ClientSampled :

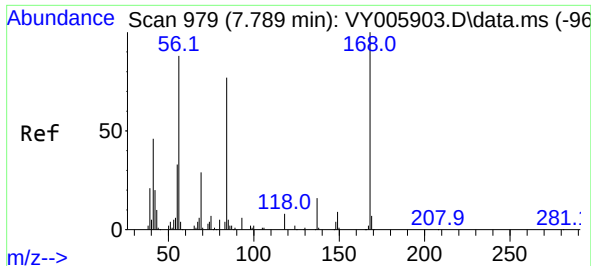
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
72 26.9 22.3 33.5



#29
Tetrahydrofuran
Concen: 1.516 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion: 42 Resp: 657
Ion Ratio Lower Upper
42 100
72 22.7 36.1 54.1#
71 46.3 33.8 50.8

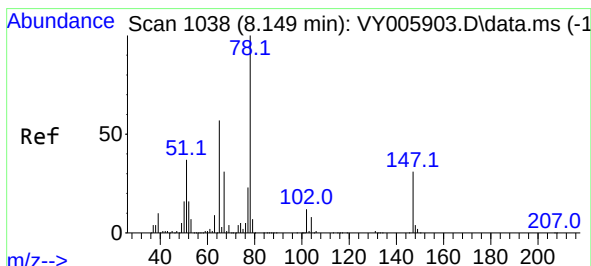
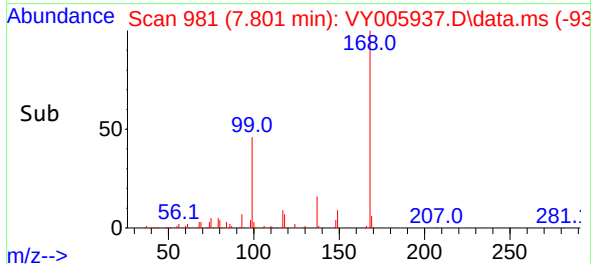
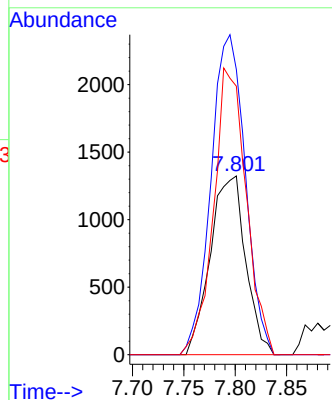
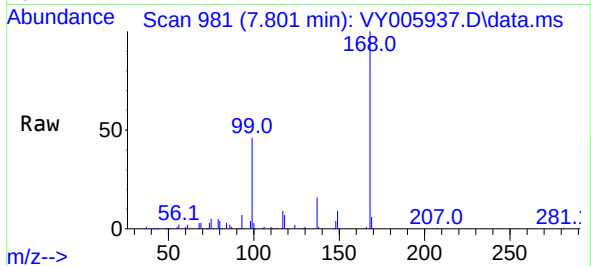




#31
Cyclohexane
Concen: 1.011 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

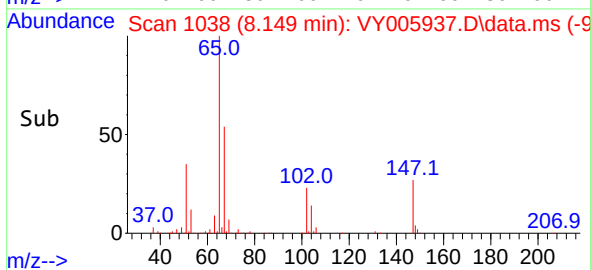
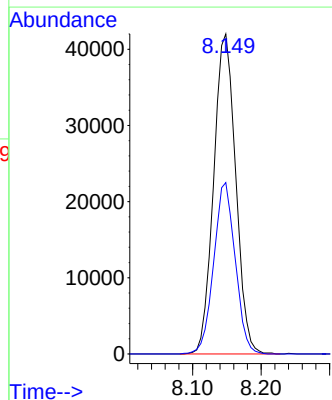
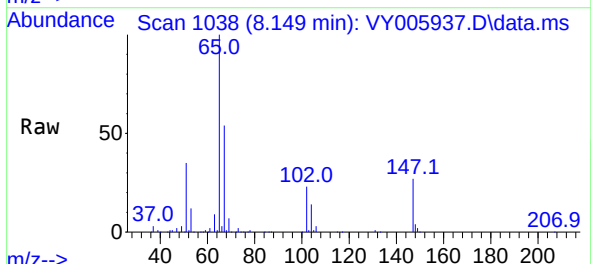
Instrument :
MSVOA_Y
ClientSampleId :

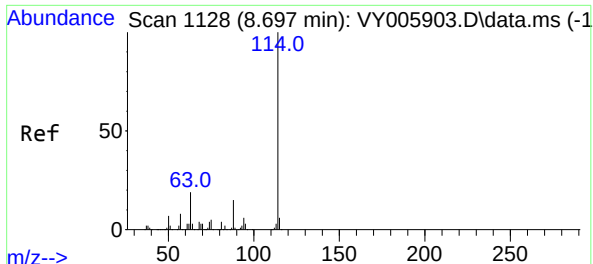
Tgt Ion: 56 Resp: 3167
Ion Ratio Lower Upper
56 100
69 159.5 26.3 39.5#
84 150.2 69.8 104.8#



#33
1,2-Dichloroethane-d4
Concen: 50.425 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion: 65 Resp: 93638
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

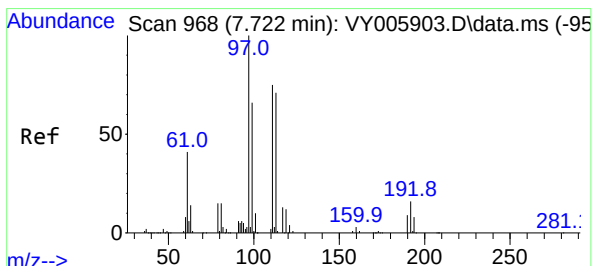
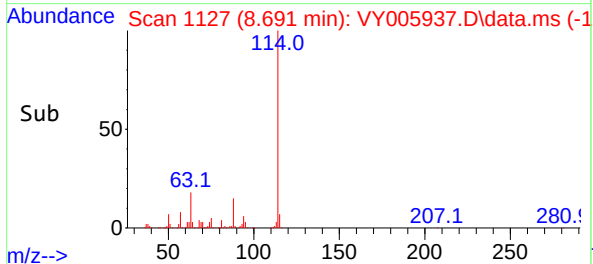
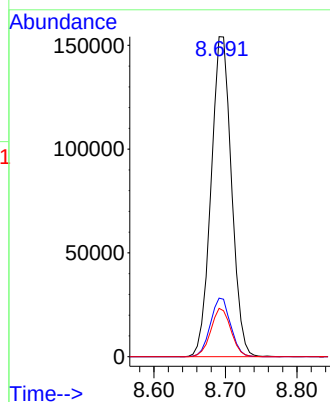
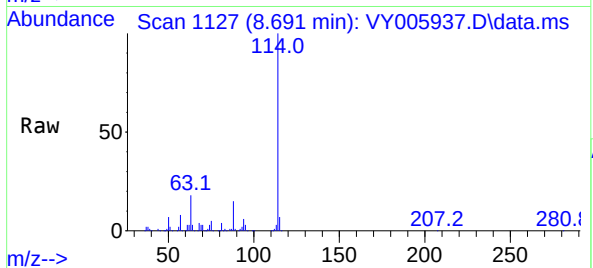




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

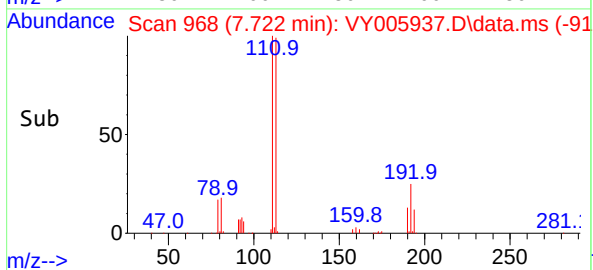
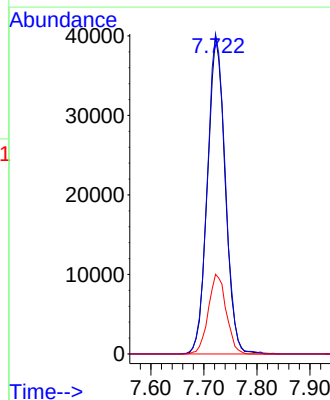
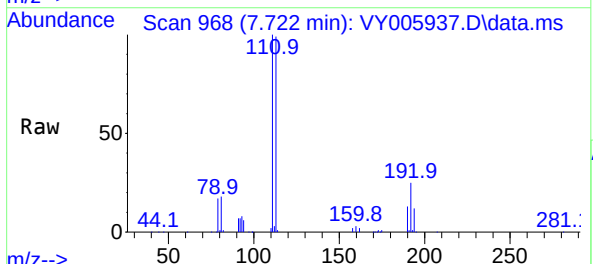
Instrument :
MSVOA_Y
ClientSampled :

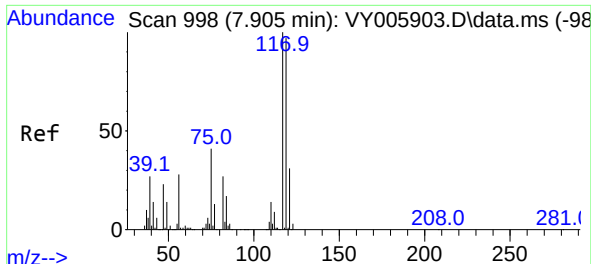
Tgt Ion:	114	Resp:	305152
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	38.4
88	15.1	0.0	30.0



#35
Dibromofluoromethane
Concen: 54.026 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion:	113	Resp:	92585
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.9	122.9
192	25.3	19.4	29.0

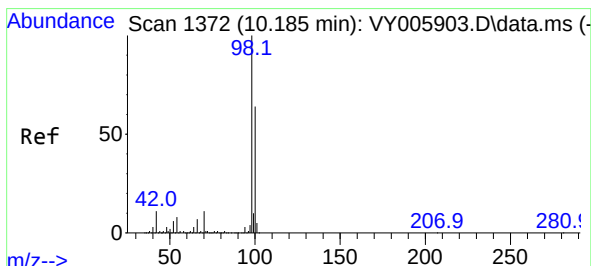
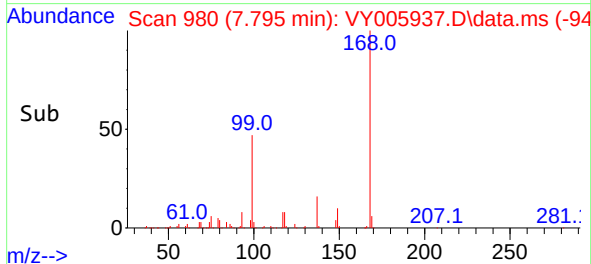
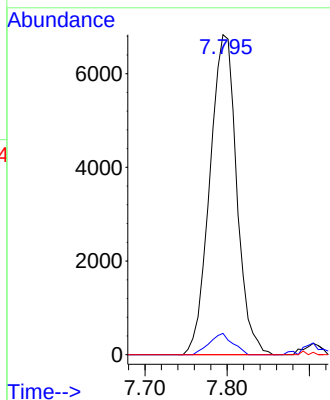
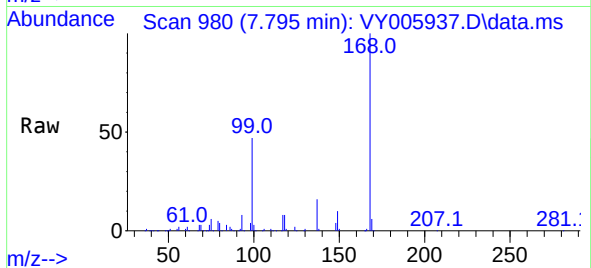




#38
Carbon Tetrachloride
Concen: 4.985 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

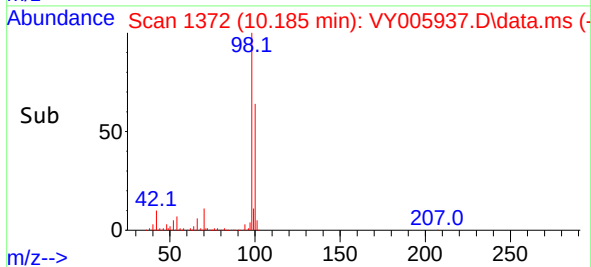
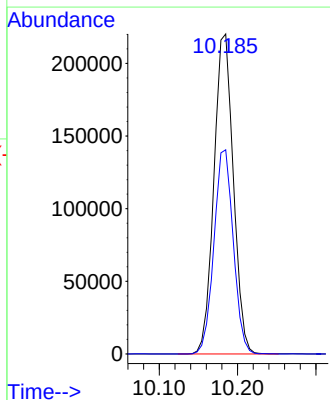
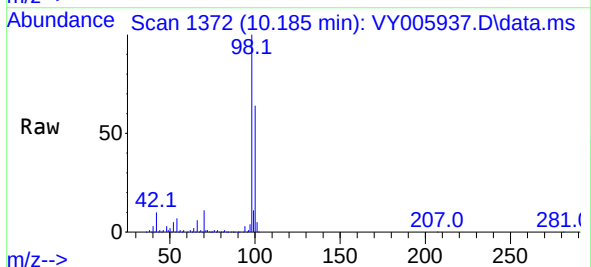
Instrument :
MSVOA_Y
ClientSampled :

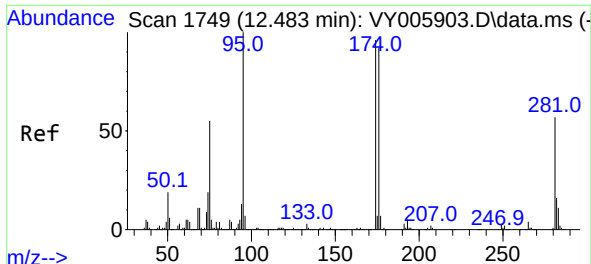
Tgt Ion:117 Resp: 15523
Ion Ratio Lower Upper
117 100
119 6.7 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.850 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion: 98 Resp: 380108
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

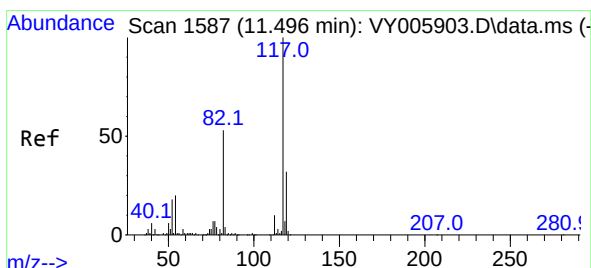
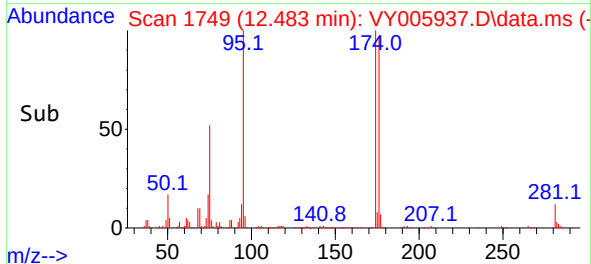
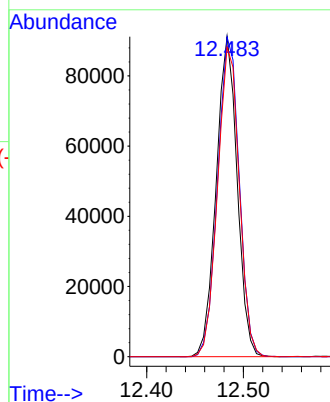
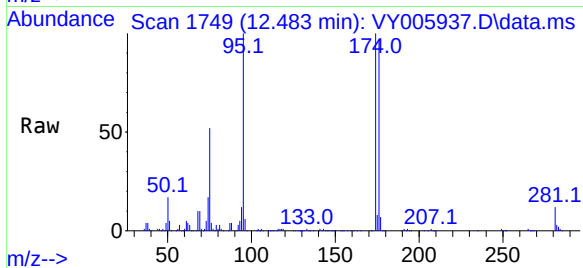




#62
4-Bromofluorobenzene
Concen: 56.708 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

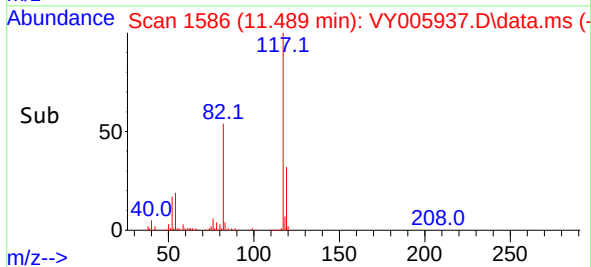
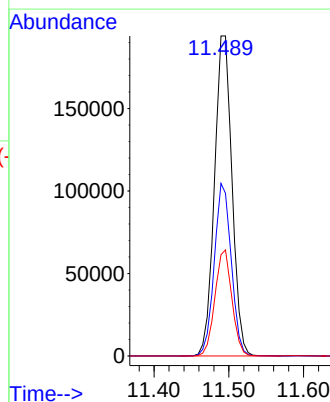
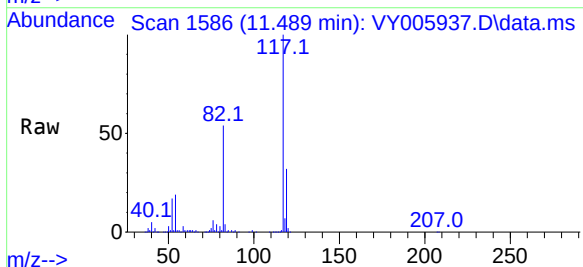
Instrument :
MSVOA_Y
ClientSampleId :

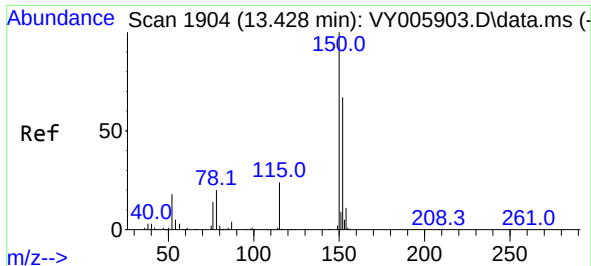
Tgt Ion: 95 Resp: 136951
Ion Ratio Lower Upper
95 100
174 102.7 0.0 192.4
176 99.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion: 117 Resp: 317354
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 31.7 25.4 38.0

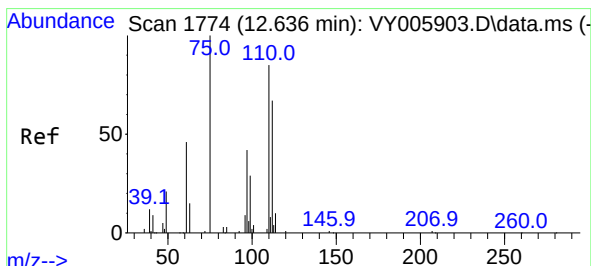
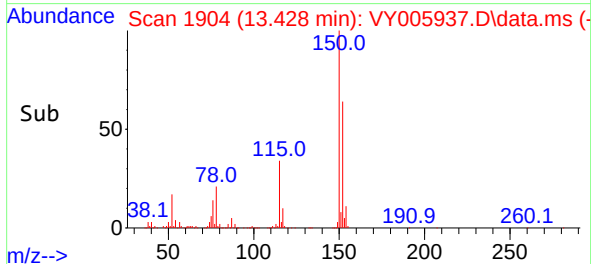
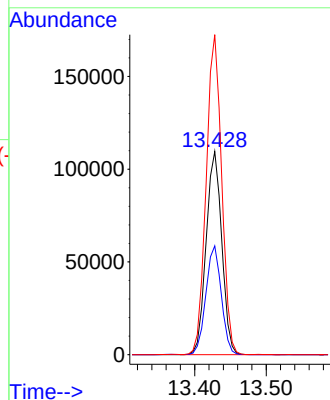
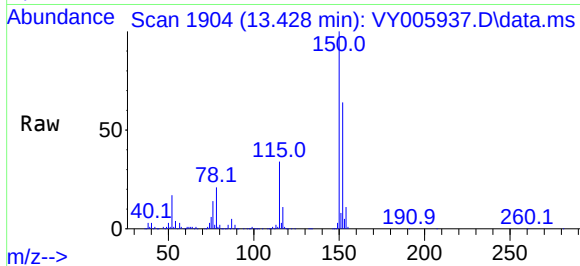




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005937.D
 Acq: 07 Sep 2021 12:25

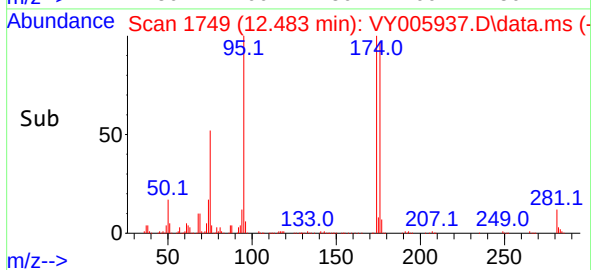
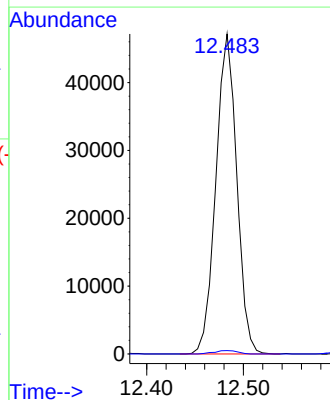
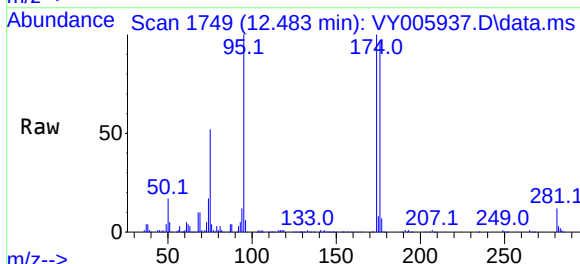
Instrument :
 MSVOA_Y
 ClientSampleId :

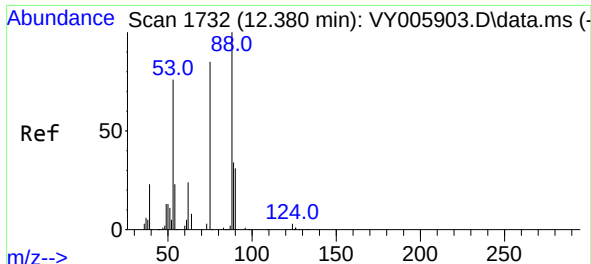
Tgt Ion:152 Resp: 166417
 Ion Ratio Lower Upper
 152 100
 115 52.9 26.8 80.4
 150 155.9 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 45.340 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005937.D
 Acq: 07 Sep 2021 12:25

Tgt Ion: 75 Resp: 70622
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

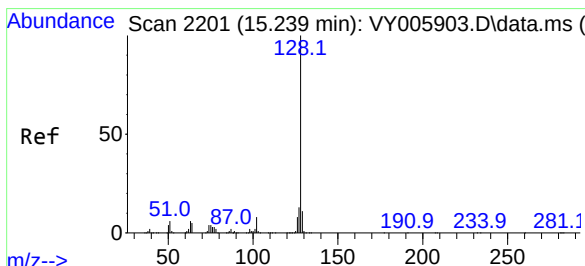
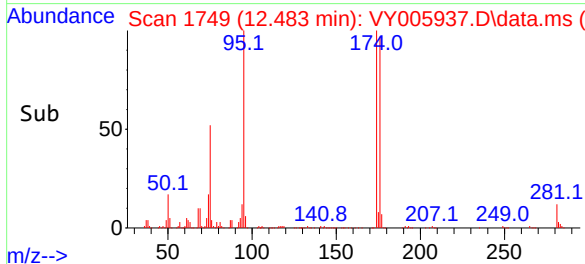
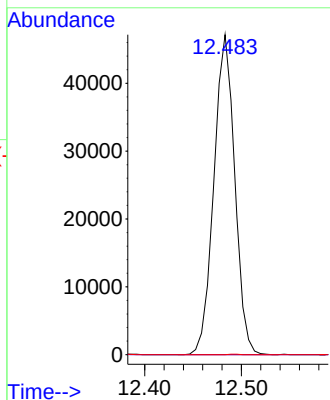
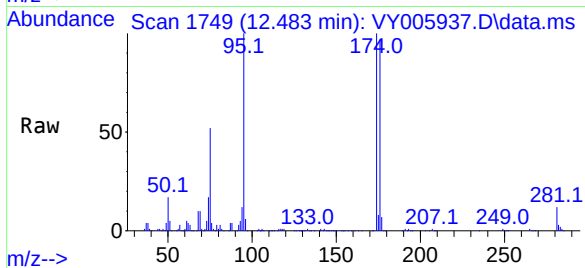




#81
trans-1,4-Dichloro-2-butene
Concen: 86.227 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

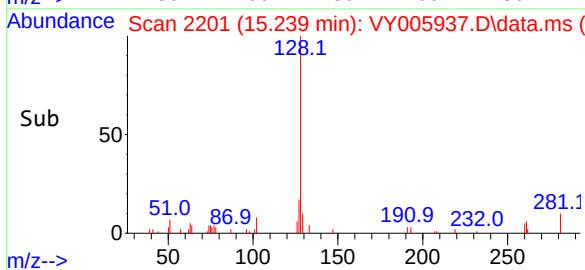
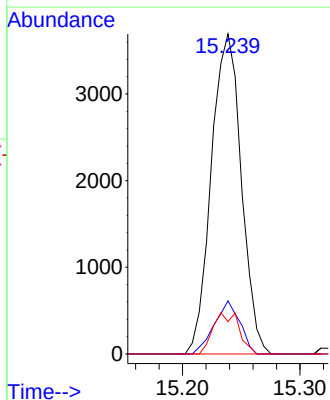
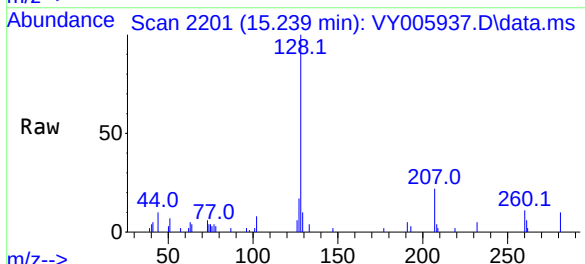
Instrument :
MSVOA_Y
ClientSampled :

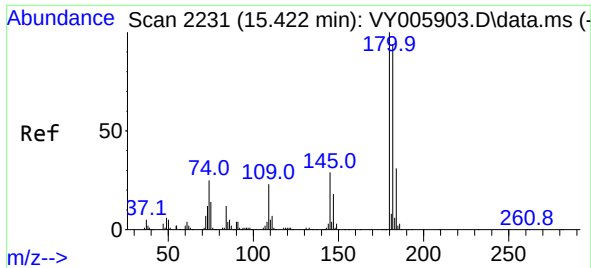
Tgt Ion: 75 Resp: 70622
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 1.047 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005937.D
Acq: 07 Sep 2021 12:25

Tgt Ion:128 Resp: 6547
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.230 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: VY005937.D
 Acq: 07 Sep 2021 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	180	Resp:	3495
Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.8	143.3
145	30.3	14.2	42.8

