

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006094.D
 Acq On : 20 Sep 2021 14:22
 Operator : SY/MD
 Sample : M3786-03RE
 Misc : 3.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 02:11:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

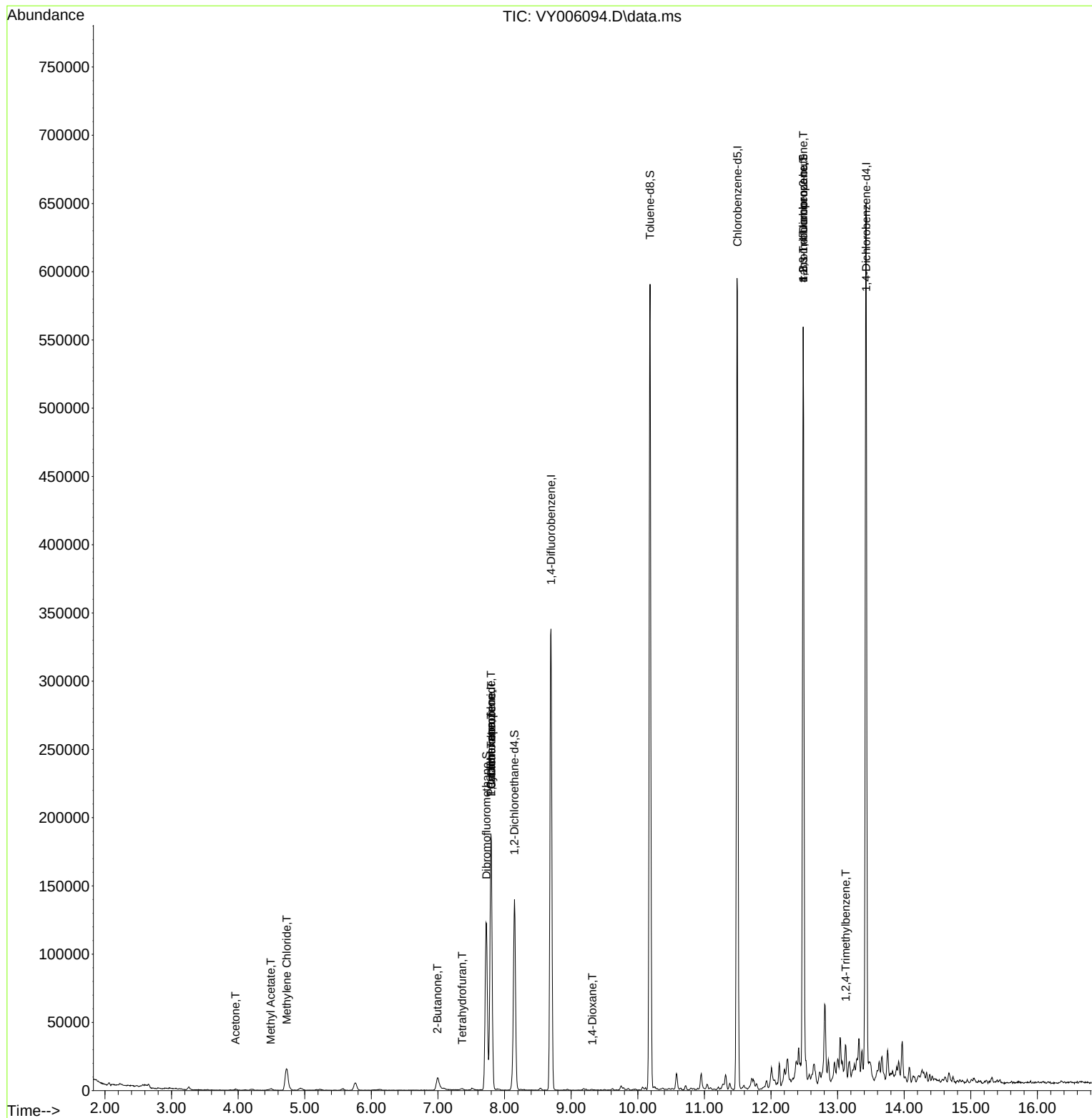
Internal Standards						
1) Pentafluorobenzene	7.801	168	144306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	277445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	109147	54.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.900%	
35) Dibromofluoromethane	7.728	113	84941	49.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.580%	
50) Toluene-d8	10.185	98	366291	49.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.483	95	151029	60.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	999	Below Cal	#	77
16) Acetone	3.960	43	1522	2.768	ug/l #	88
18) Methyl Acetate	4.491	43	1906	1.376	ug/l #	83
20) Methylene Chloride	4.729	84	11671	2.376	ug/l	86
25) 2-Butanone	6.990	43	1094	1.444	ug/l #	54
29) Tetrahydrofuran	7.362	42	707	1.484	ug/l #	75
31) Cyclohexane	7.795	56	3487	1.086	ug/l #	11
36) 1,1-Dichloropropene	7.801	75	11804	3.942	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14220	4.362	ug/l #	16
49) 1,4-Dioxane	9.319	88	23	1.449	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	84764	50.866	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84764	93.518	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	12428	1.234	ug/l	98

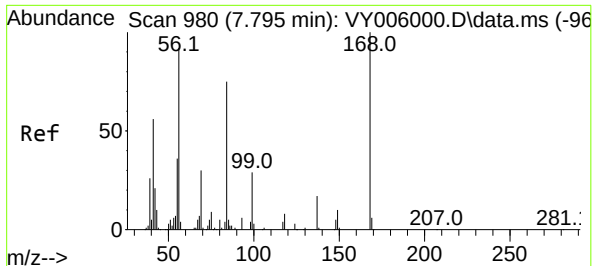
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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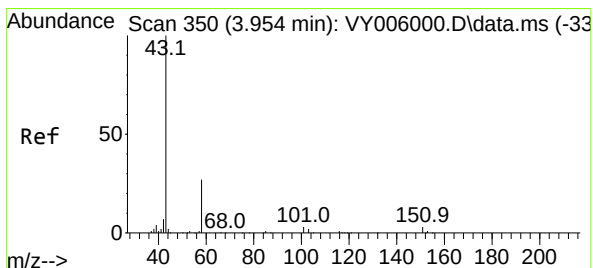
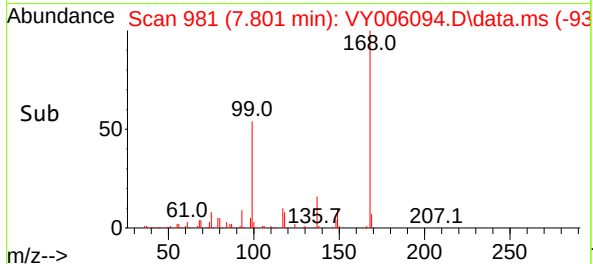
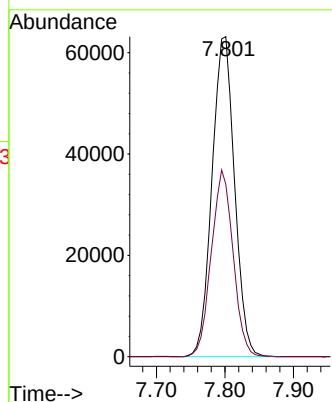
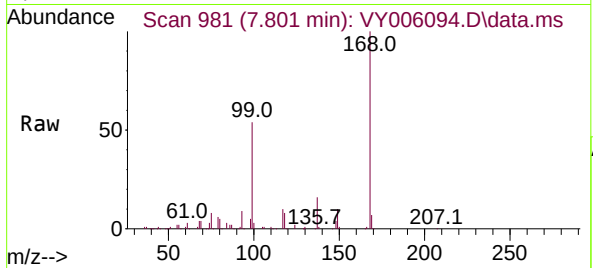




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

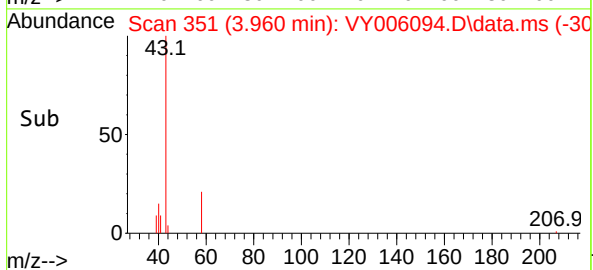
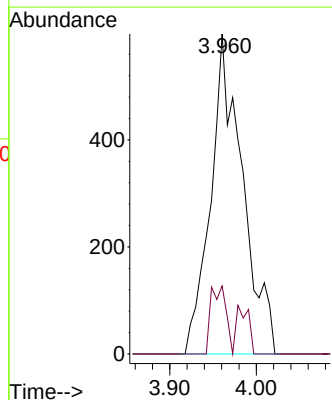
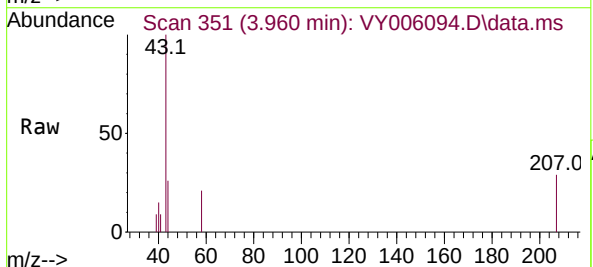
Instrument :
MSVOA_Y
ClientSampled :

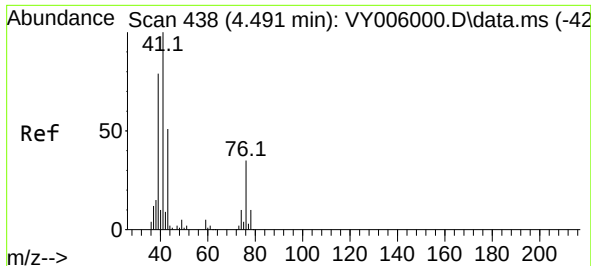
Tgt Ion:168 Resp: 144306
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 2.768 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
58 21.2 22.0 33.0#

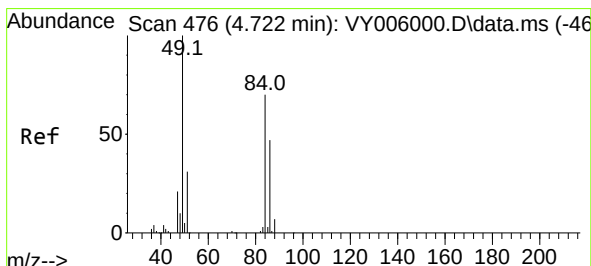
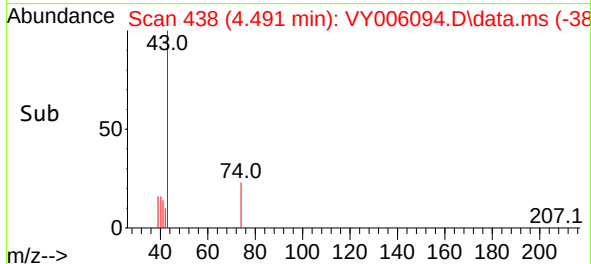
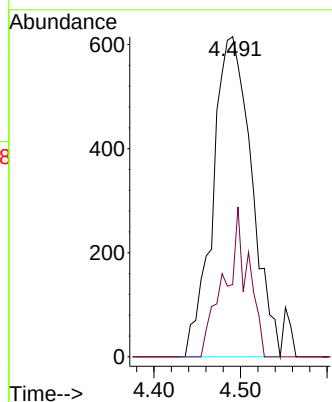
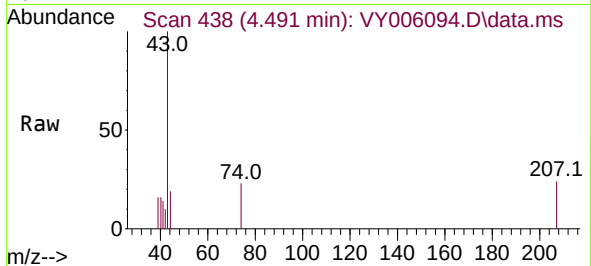




#18
Methyl Acetate
Concen: 1.376 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

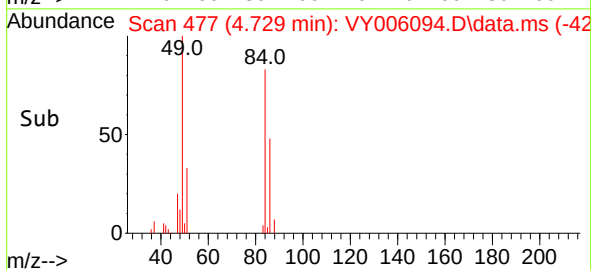
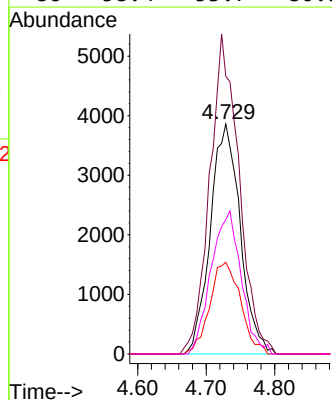
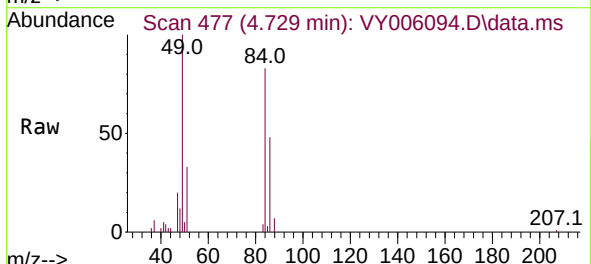
Instrument :
MSVOA_Y
ClientSampleId :

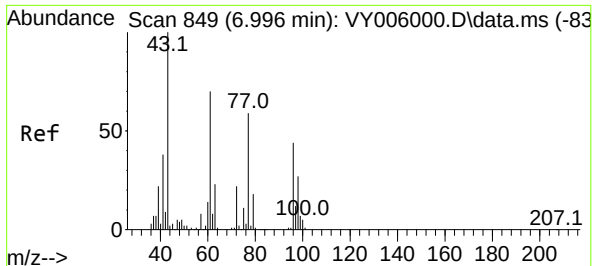
Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
74 28.8 16.6 24.8#



#20
Methylene Chloride
Concen: 2.376 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

Tgt Ion: 84 Resp: 11671
Ion Ratio Lower Upper
84 100
49 120.8 114.4 171.6
51 39.8 35.3 52.9
86 58.4 53.7 80.5





#25

2-Butanone

Concen: 1.444 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006094.D

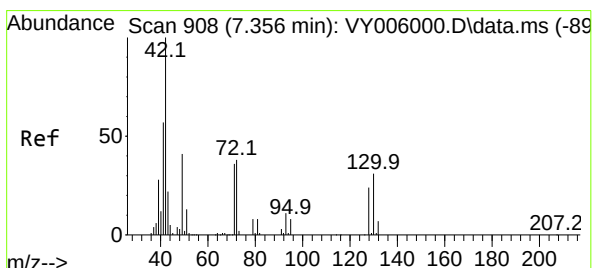
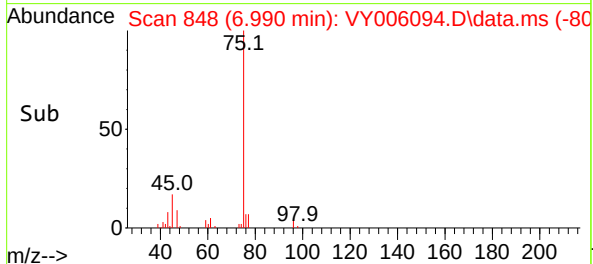
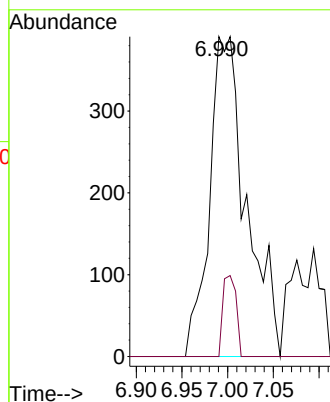
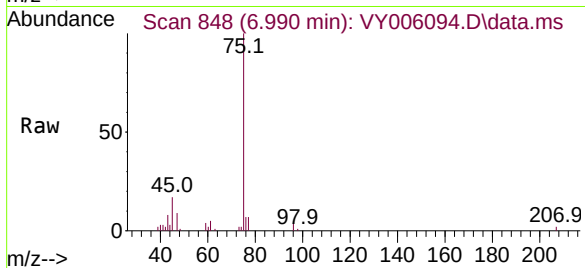
Acq: 20 Sep 2021 14:22

Tgt Ion: 43 Resp: 1094

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.484 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY006094.D

Acq: 20 Sep 2021 14:22

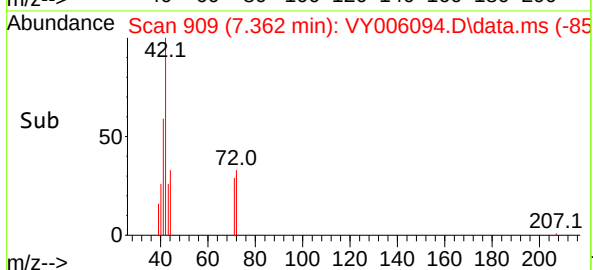
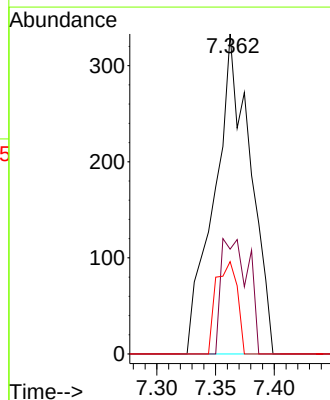
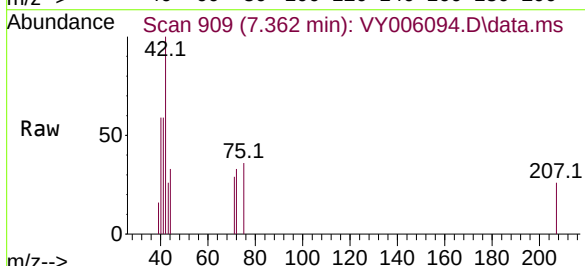
Tgt Ion: 42 Resp: 707

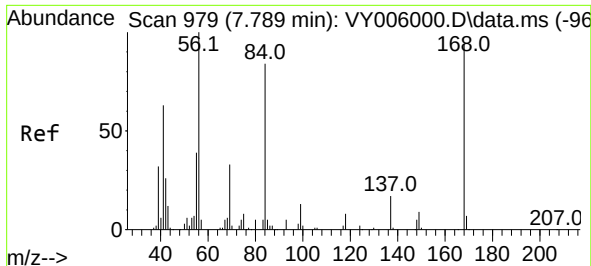
Ion Ratio Lower Upper

42 100

72 27.2 30.3 45.5#

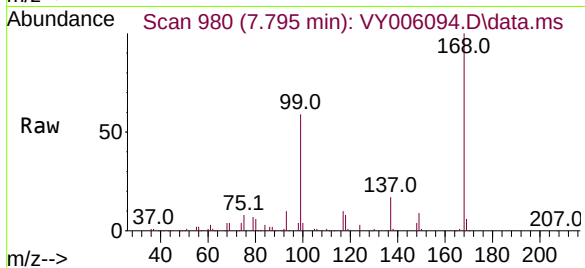
71 17.0 29.0 43.4#



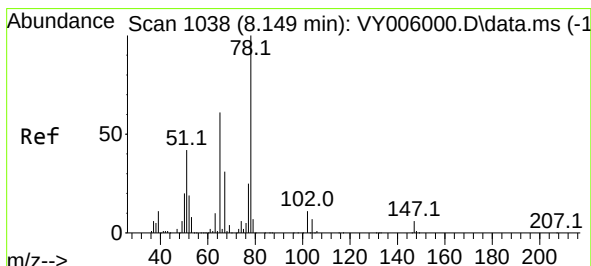
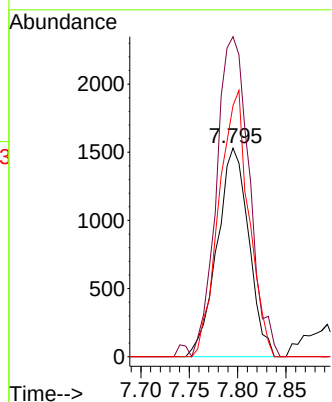
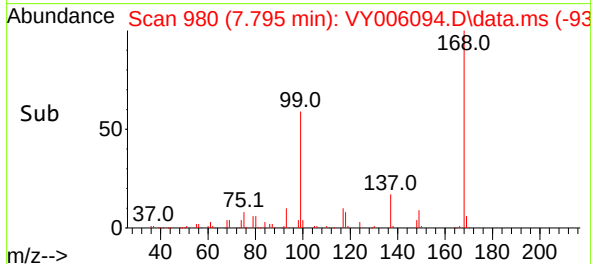


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

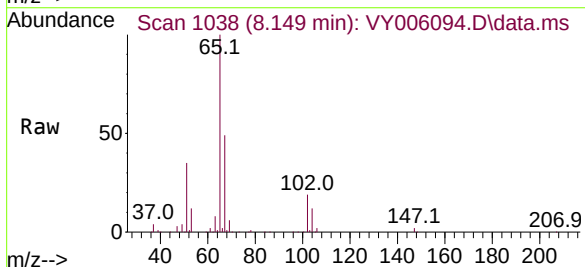
Instrument :
MSVOA_Y
ClientSampled :



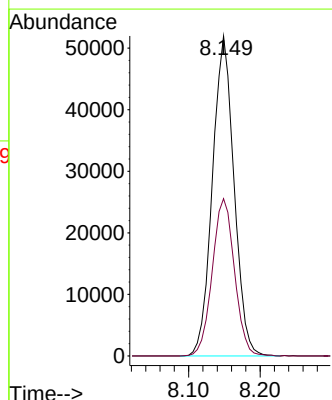
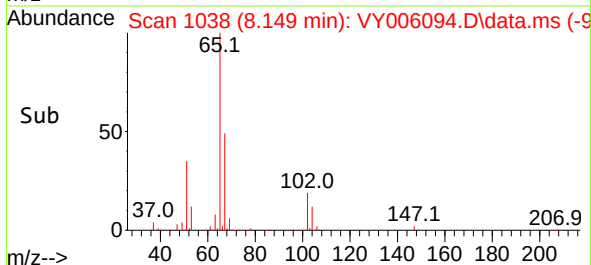
Tgt Ion: 56 Resp: 3487
Ion Ratio Lower Upper
56 100
69 153.5 26.7 40.1#
84 120.4 67.2 100.8#

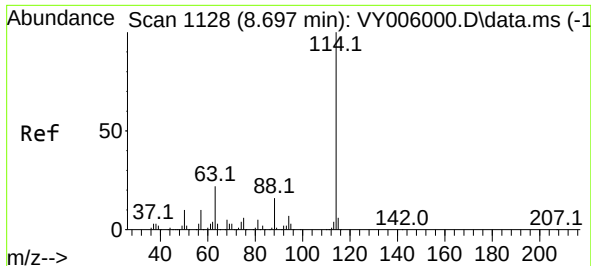


#33
1,2-Dichloroethane-d4
Concen: 54.451 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22



Tgt Ion: 65 Resp: 109147
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.4

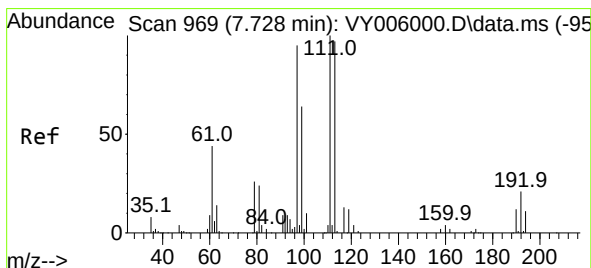
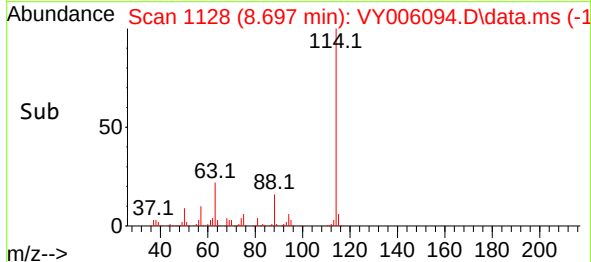
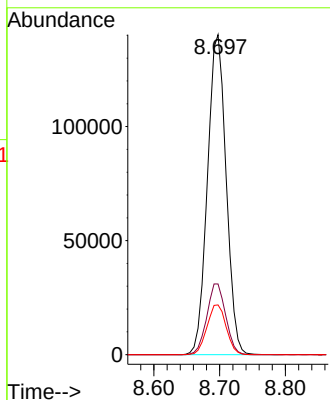
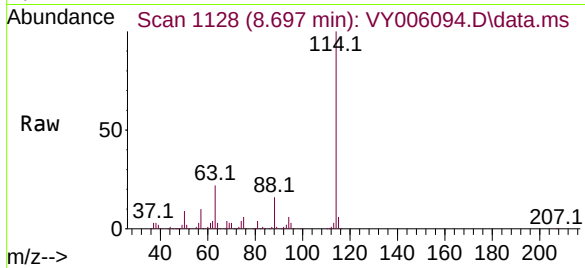




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

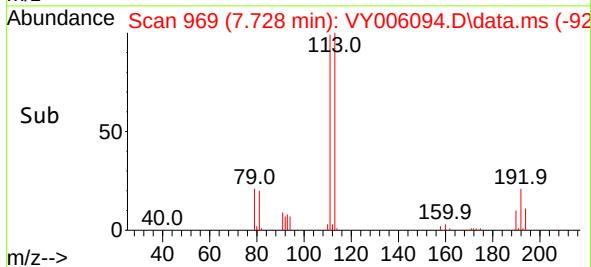
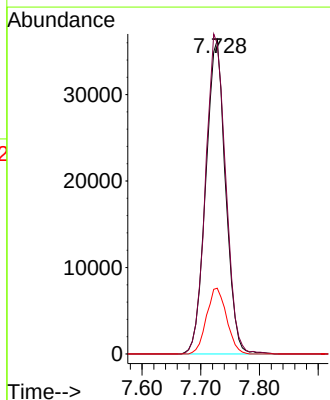
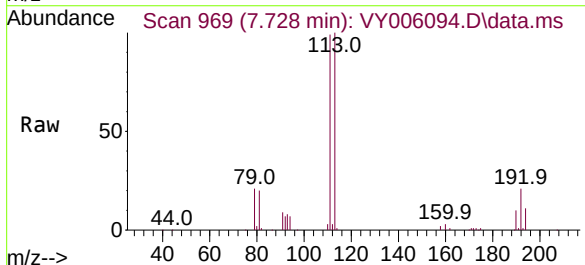
Instrument :
MSVOA_Y
ClientSampled :

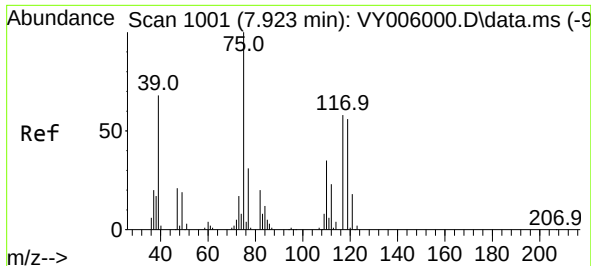
Tgt Ion:	114	Resp:	277445
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.291 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

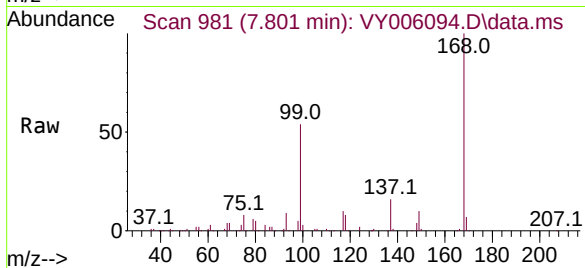
Tgt Ion:	113	Resp:	84941
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	21.2	17.6	26.4



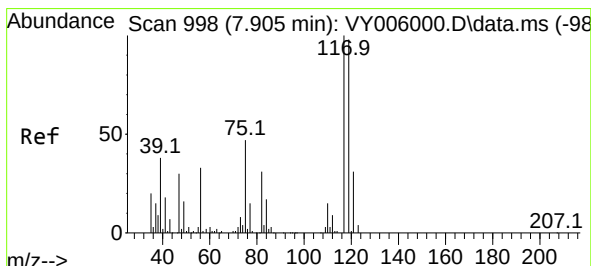
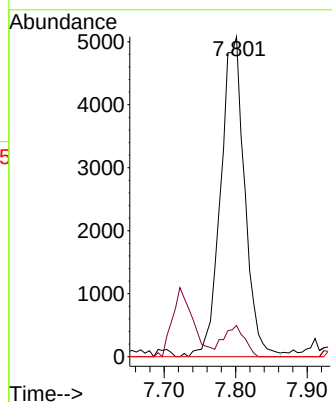
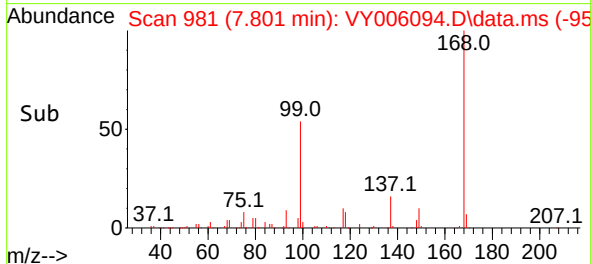


#36
1,1-Dichloropropene
Concen: 3.942 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

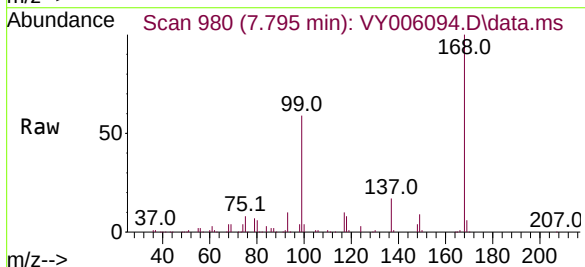
Instrument :
MSVOA_Y
ClientSampled :



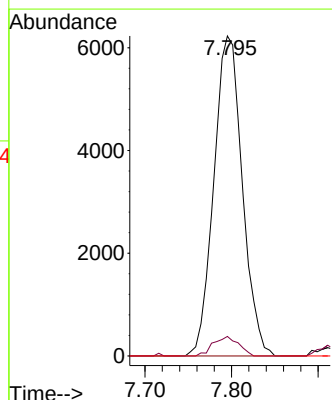
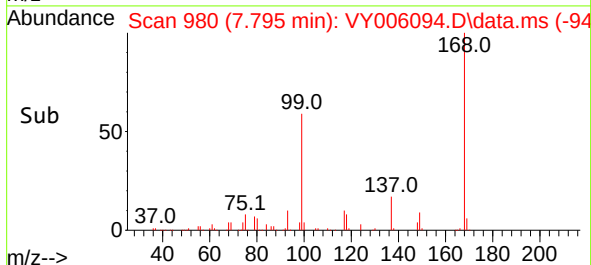
Tgt Ion: 75 Resp: 11804
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

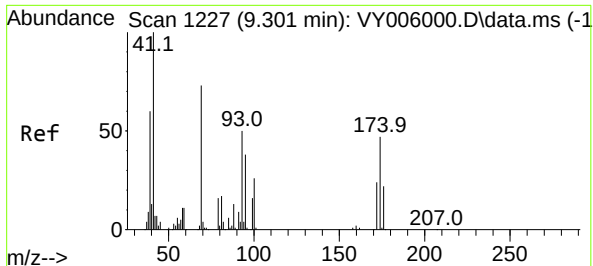


#38
Carbon Tetrachloride
Concen: 4.362 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22



Tgt Ion: 117 Resp: 14220
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

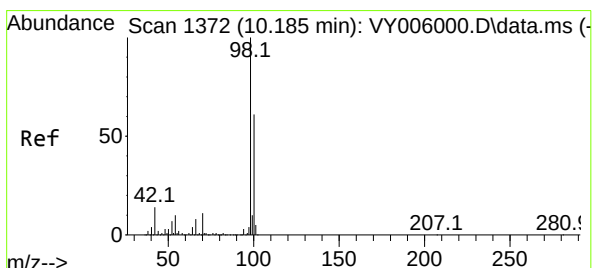
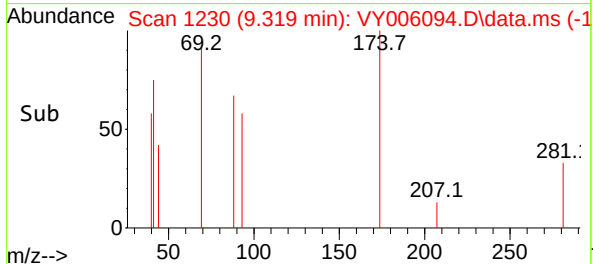
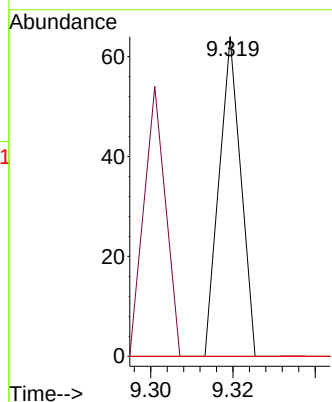
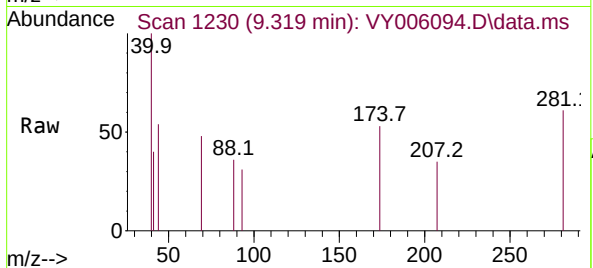




#49
1,4-Dioxane
Concen: 1.449 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

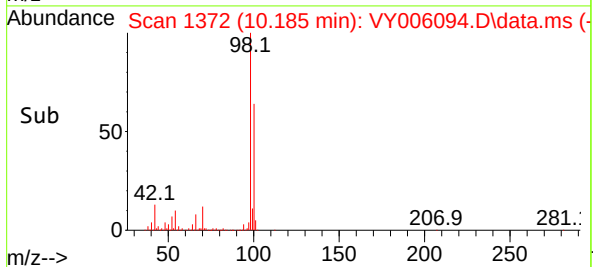
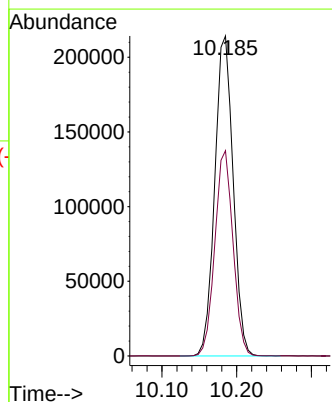
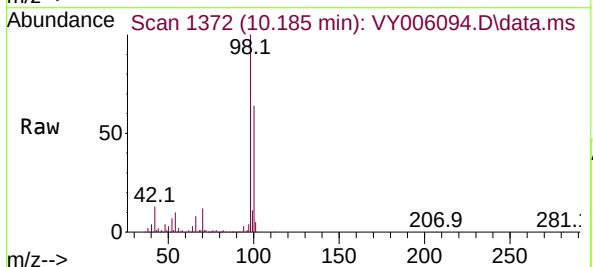
Instrument :
MSVOA_Y
ClientSampleId :

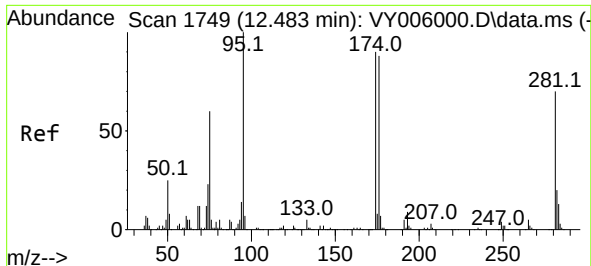
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 49.872 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

Tgt Ion: 98 Resp: 366291
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

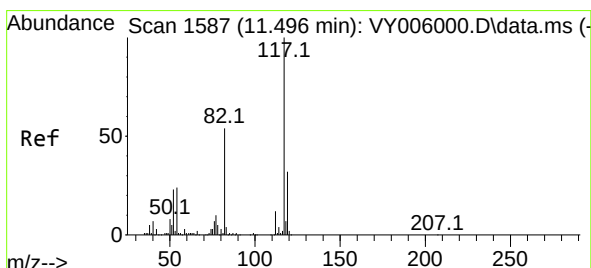
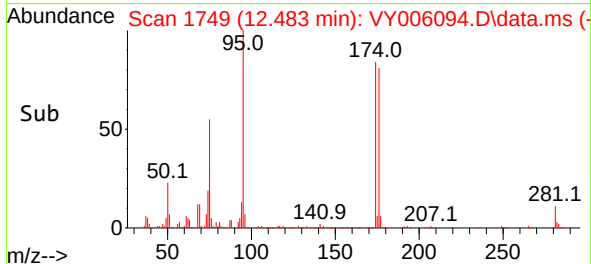
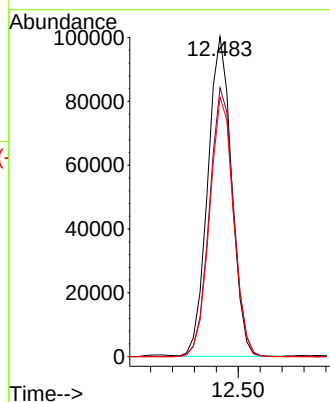
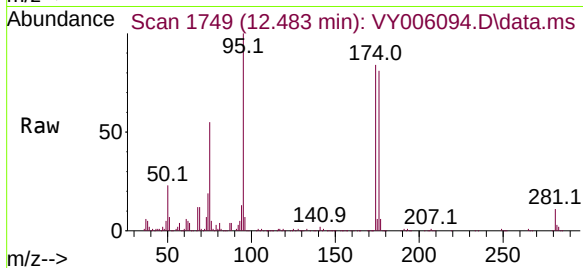




#62
4-Bromofluorobenzene
Concen: 60.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

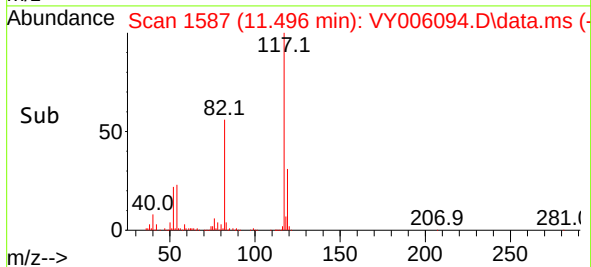
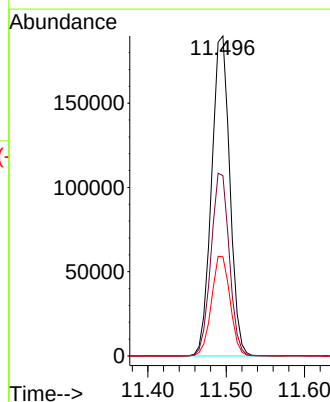
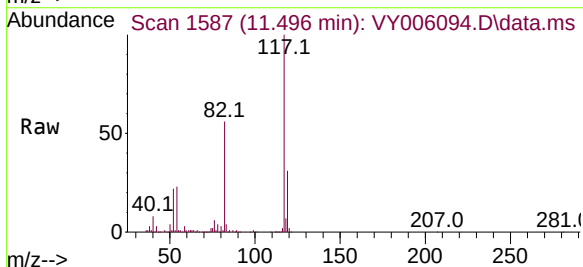
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MSVOA_Y
ClientSampleId :

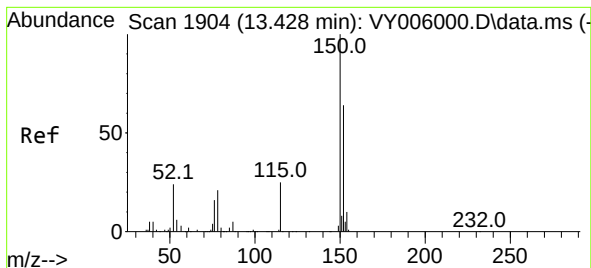
Tgt Ion: 95 Resp: 151029
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

Tgt Ion: 117 Resp: 307288
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 31.0 25.4 38.0

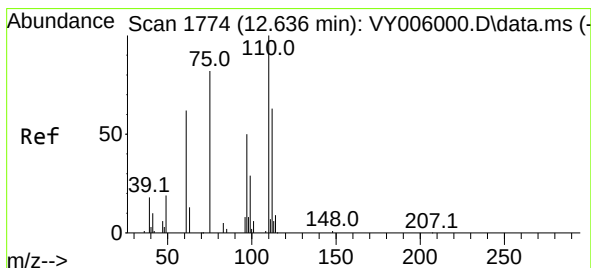
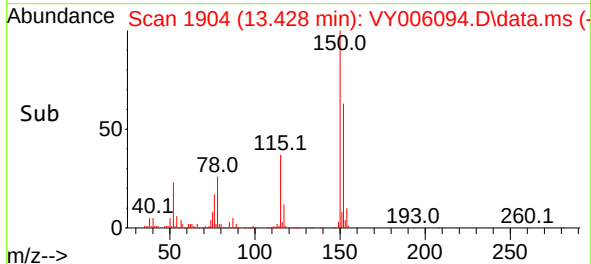
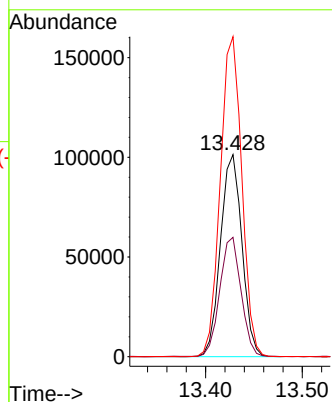
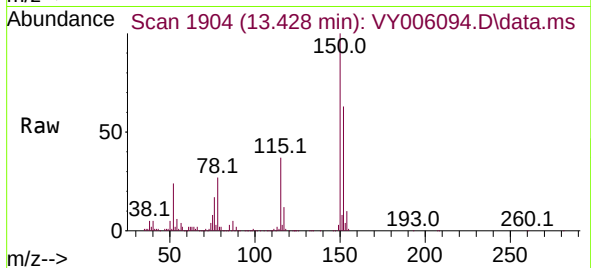




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006094.D
 Acq: 20 Sep 2021 14:22

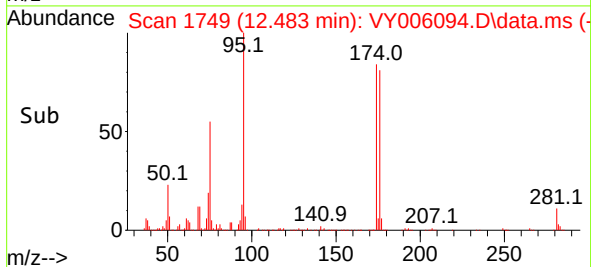
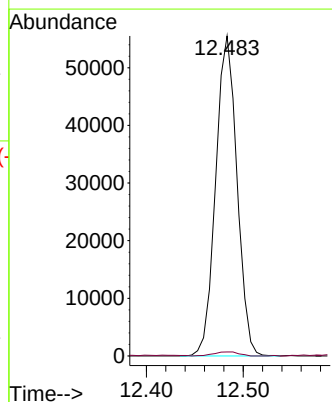
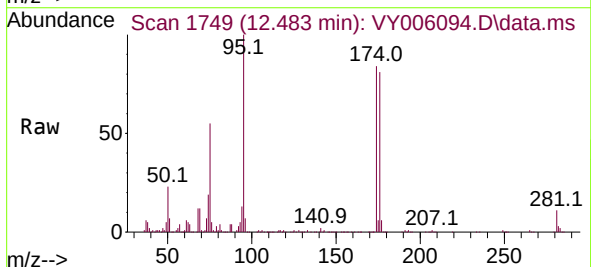
Instrument :
 MSVOA_Y
 ClientSampled :

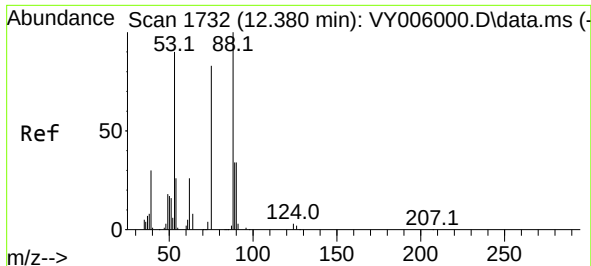
Tgt Ion:152 Resp: 156296
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.866 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006094.D
 Acq: 20 Sep 2021 14:22

Tgt Ion: 75 Resp: 84764
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

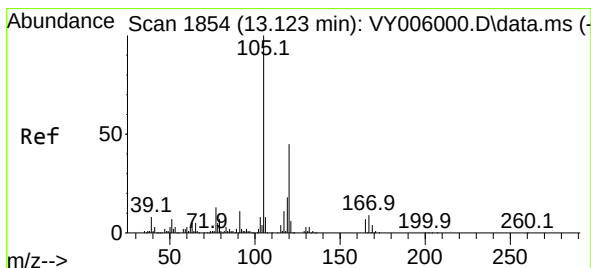
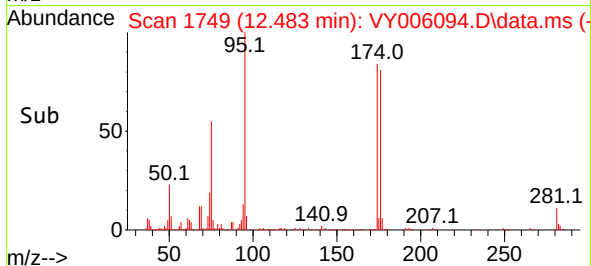
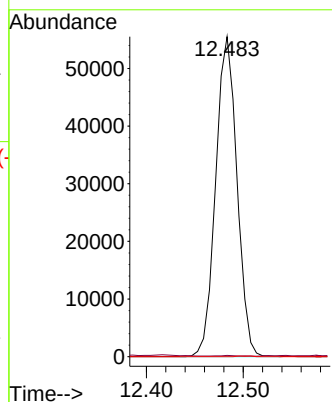
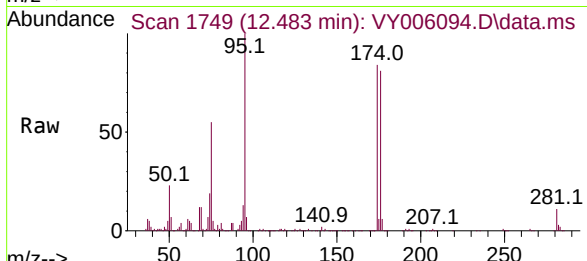




#81
trans-1,4-Dichloro-2-butene
Concen: 93.518 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 84764
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.234 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006094.D
Acq: 20 Sep 2021 14:22

Tgt Ion: 105 Resp: 12428
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.9

