

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005986.D
 Acq On : 10 Sep 2021 16:30
 Operator : SY/MD
 Sample : M3684-16
 Misc : 5.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:22:15 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)

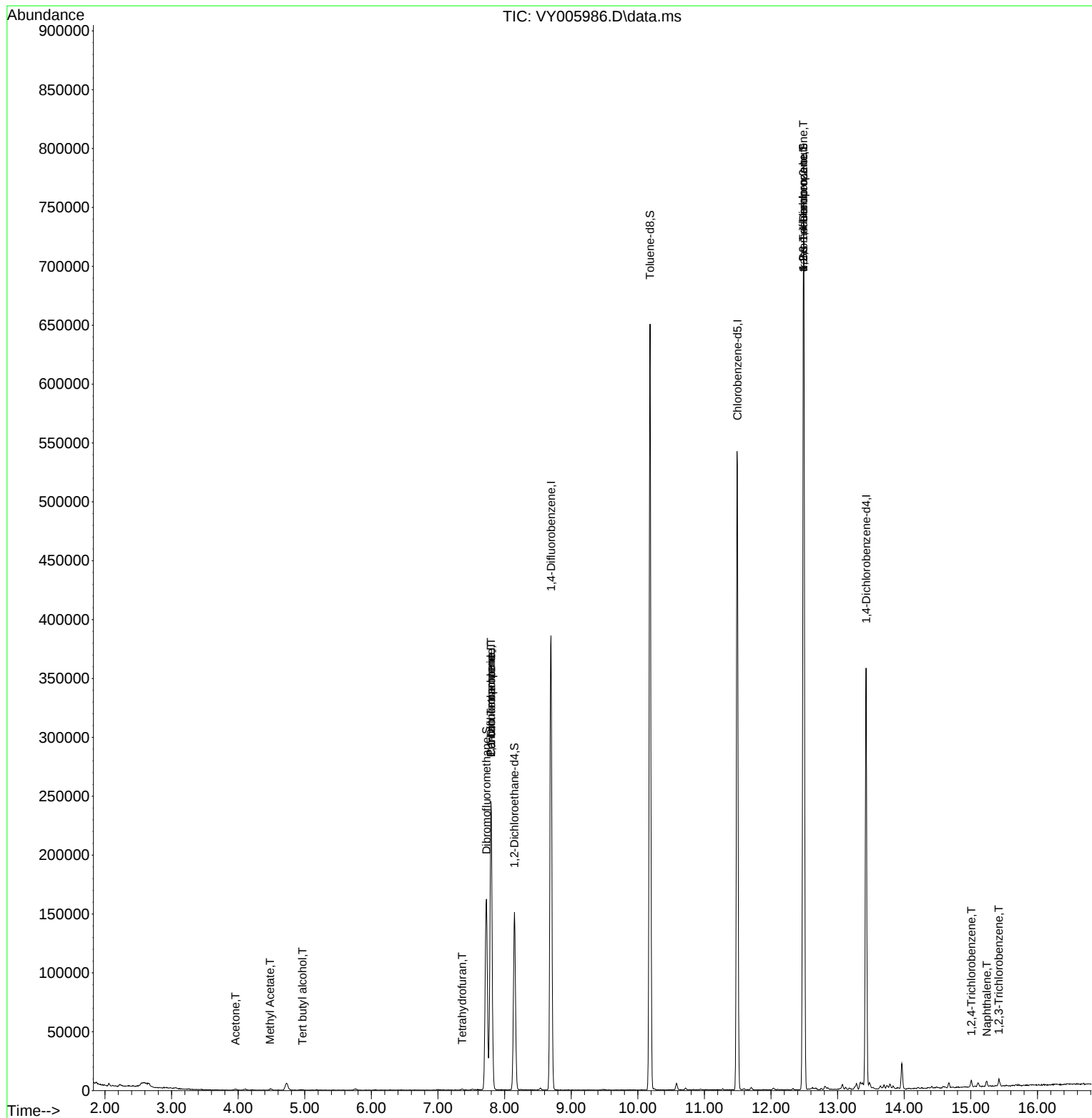
Internal Standards						
1) Pentafluorobenzene	7.795	168	209549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	308740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116698	55.263	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.520%			
35) Dibromofluoromethane	7.728	113	114130	58.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.720%			
50) Toluene-d8	10.185	98	431609	52.591	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.180%			
62) 4-Bromofluorobenzene	12.483	95	110910	40.247	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.500%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	653	1.573	ug/l #	80
16) Acetone	3.960	43	1313	2.439	ug/l #	81
18) Methyl Acetate	4.479	43	1803	1.206	ug/l	93
20) Methylene Chloride	4.722	84	4775	Below Cal		94
29) Tetrahydrofuran	7.362	42	679	1.378	ug/l #	62
36) 1,1-Dichloropropene	7.795	75	13026	3.973	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17471	4.917	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	56836	63.194	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56836	120.181	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.007	180	1931	1.028	ug/l	96
95) Naphthalene	15.239	128	3946	1.093	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.422	180	1999	1.219	ug/l	93

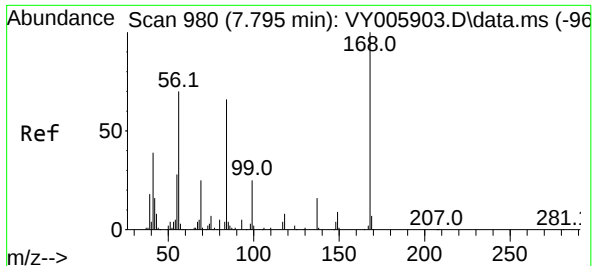
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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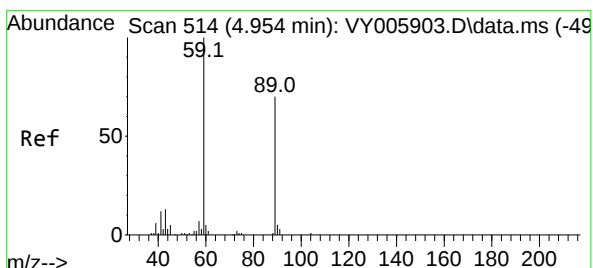
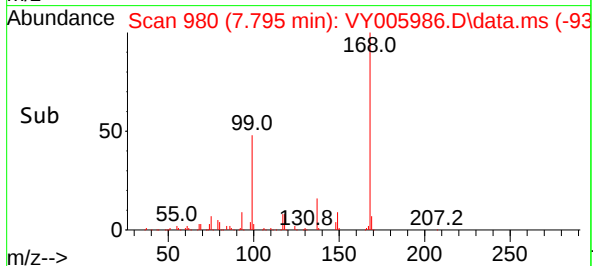
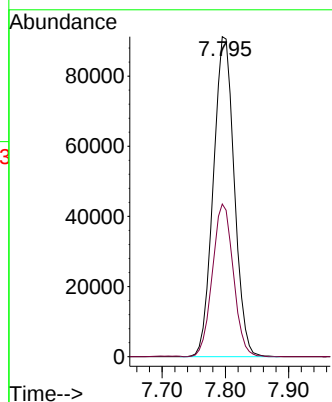
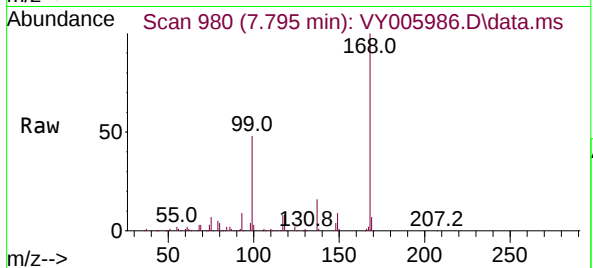




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

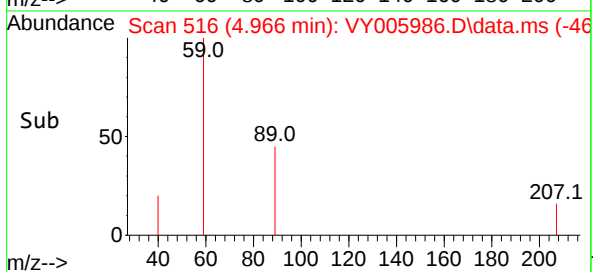
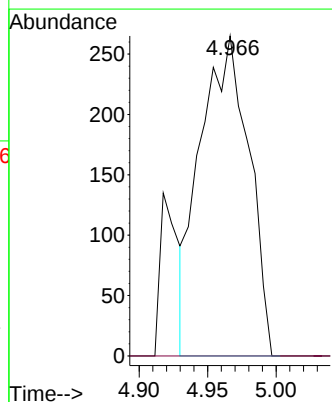
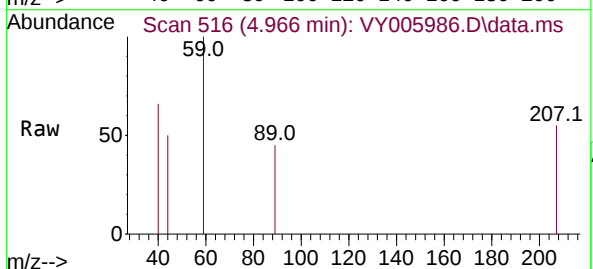
Instrument :
MSVOA_Y
ClientSampled :

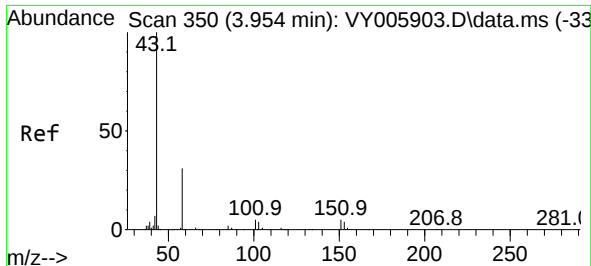
Tgt Ion:168 Resp: 209549
Ion Ratio Lower Upper
168 100
99 47.6 40.6 60.8



#11
Tert butyl alcohol
Concen: 1.573 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Tgt Ion: 59 Resp: 653
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

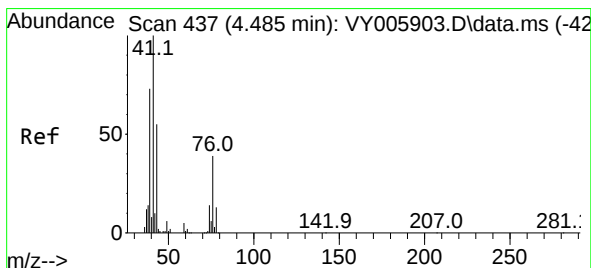
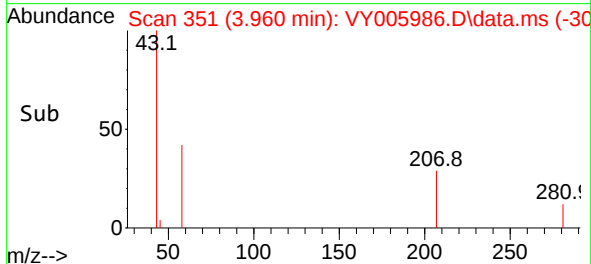
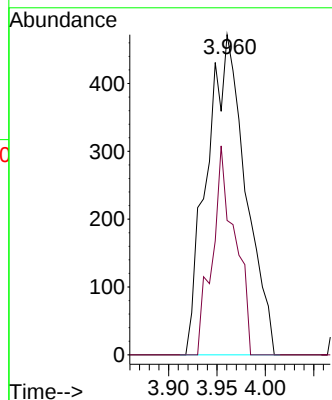
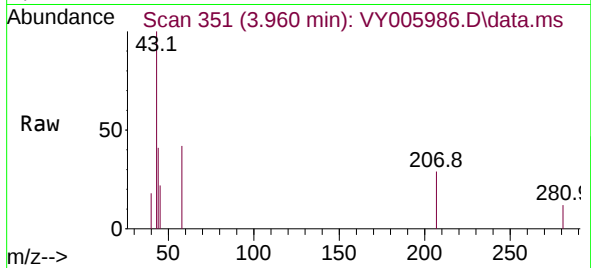




#16
Acetone
Concen: 2.439 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

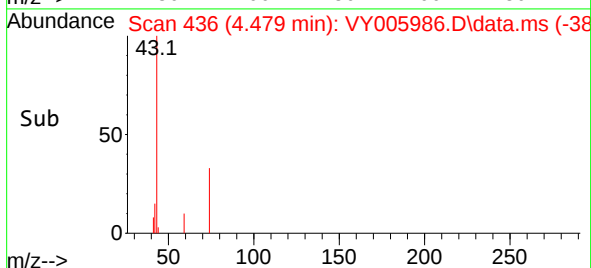
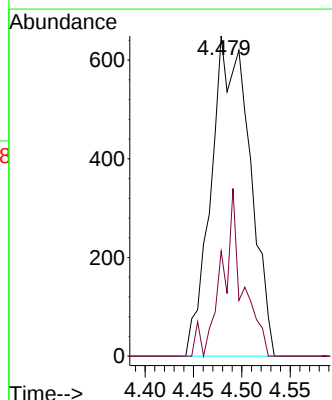
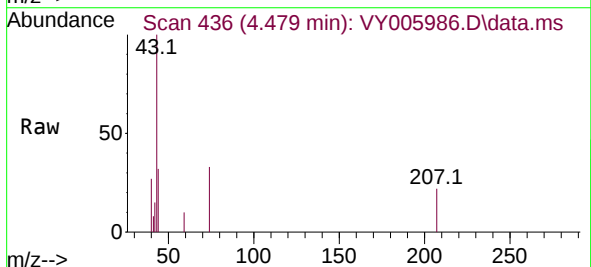
Instrument :
MSVOA_Y
ClientSampled :

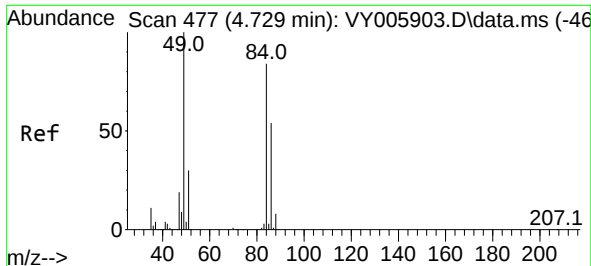
Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
58 41.9 25.1 37.7#



#18
Methyl Acetate
Concen: 1.206 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

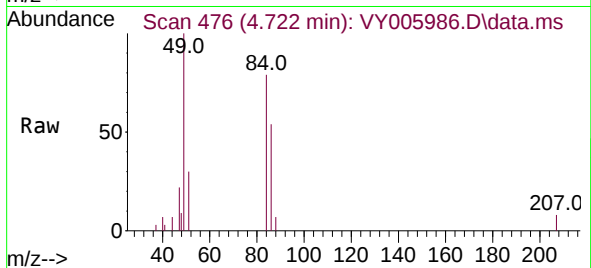
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
74 28.2 19.7 29.5



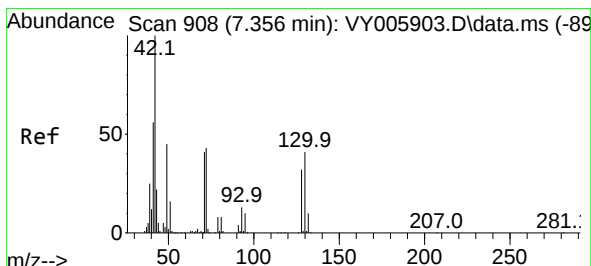
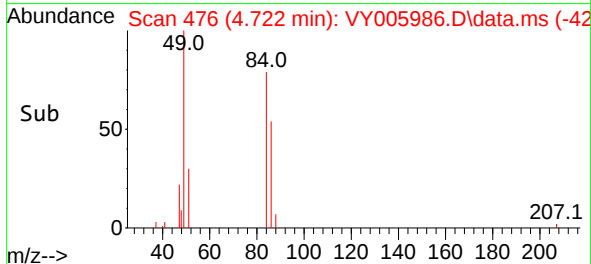
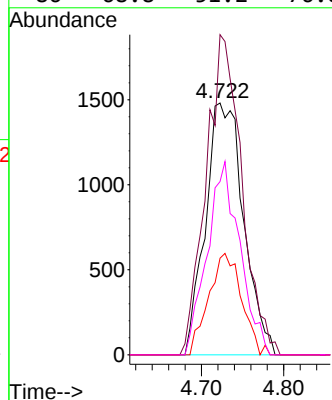


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Instrument :
MSVOA_Y
ClientSampleId :

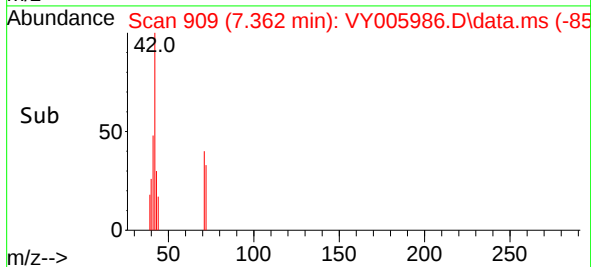
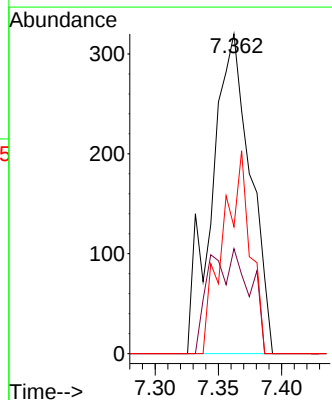
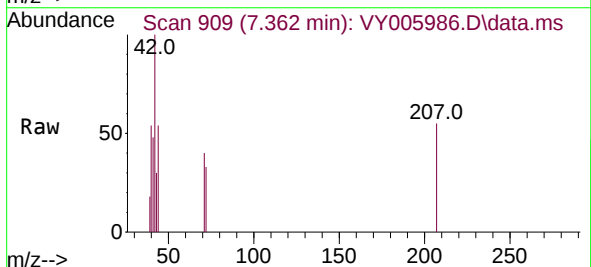


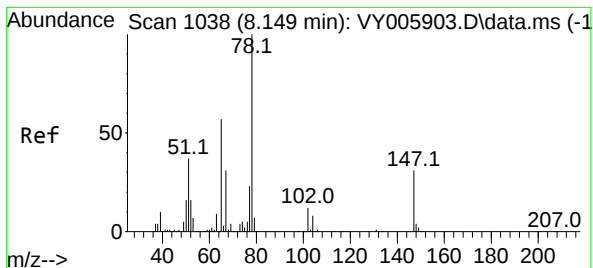
Tgt Ion:	84	Resp:	4775
Ion	Ratio	Lower	Upper
84	100		
49	127.1	95.7	143.5
51	38.4	29.0	43.6
86	68.8	51.2	76.8



#29
Tetrahydrofuran
Concen: 1.378 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Tgt Ion:	42	Resp:	679
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.1	54.1#
71	45.1	33.8	50.8



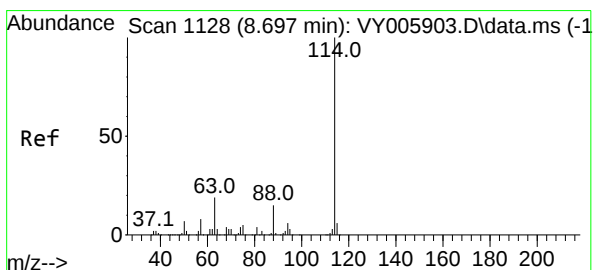
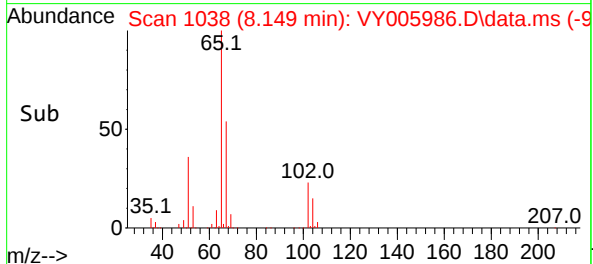
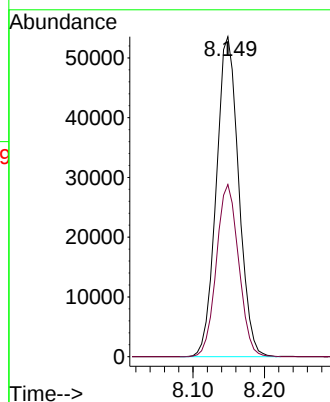
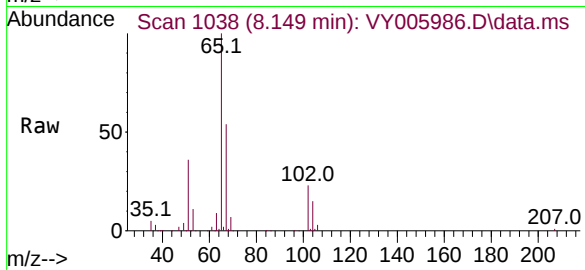


#33

1,2-Dichloroethane-d4
Concen: 55.263 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Instrument :
MSVOA_Y
ClientSampled :

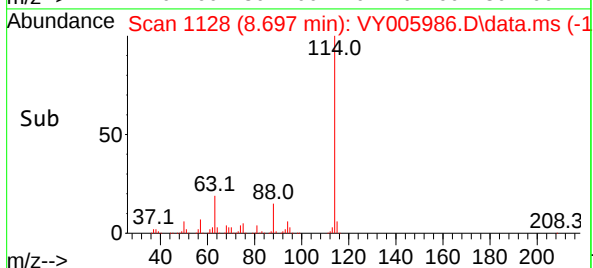
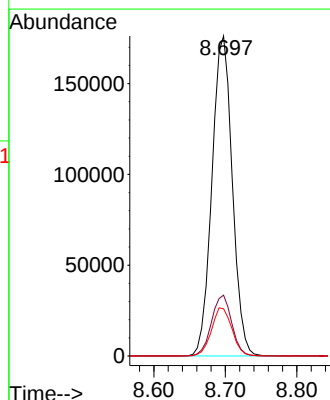
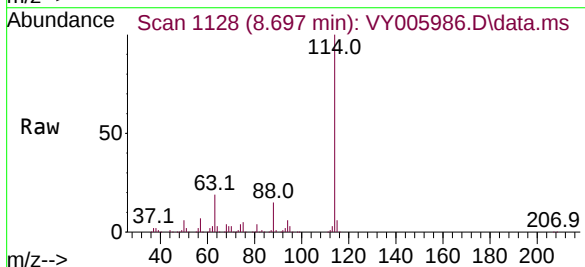
Tgt Ion: 65 Resp: 116698
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

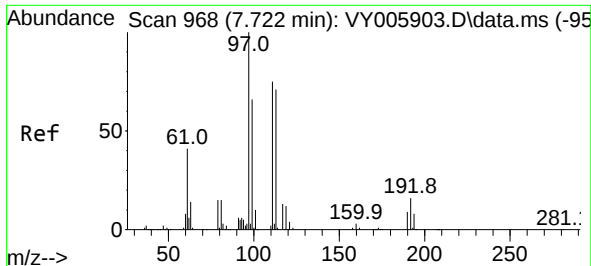


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Tgt Ion: 114 Resp: 348204
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 14.7 0.0 30.0

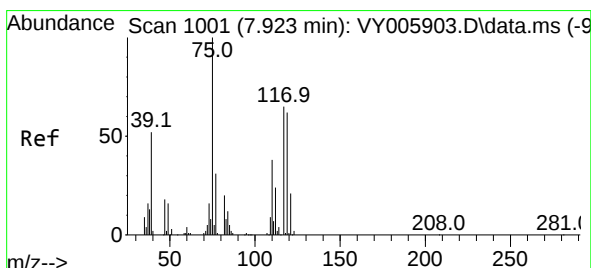
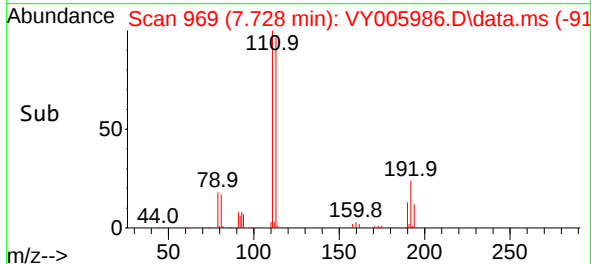
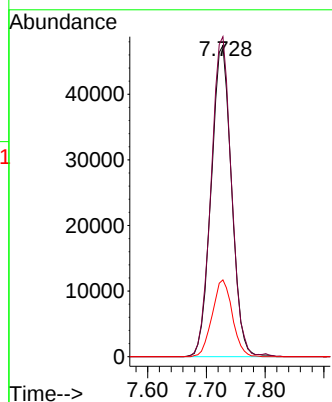
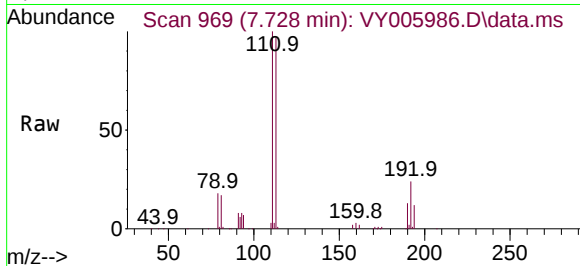




#35
 Dibromofluoromethane
 Concen: 58.364 ug/l
 RT: 7.728 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VY005986.D
 Acq: 10 Sep 2021 16:30

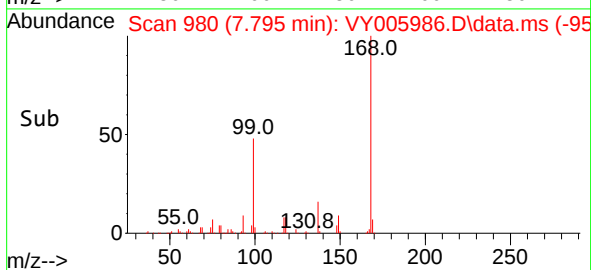
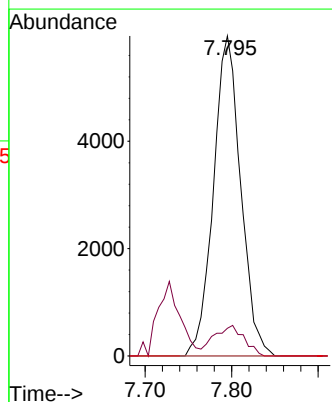
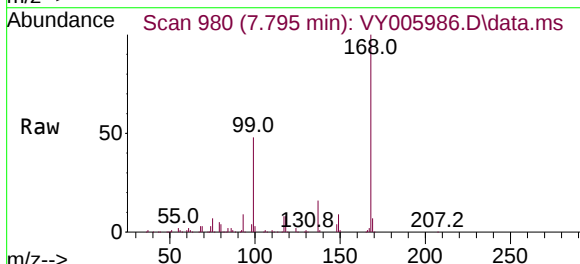
Instrument :
 MSVOA_Y
 ClientSampled :

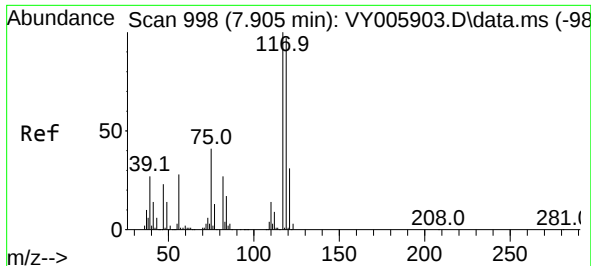
Tgt Ion:113 Resp: 114130
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 24.4 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 3.973 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005986.D
 Acq: 10 Sep 2021 16:30

Tgt Ion: 75 Resp: 13026
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.1 54.3#
 77 0.0 24.9 37.3#

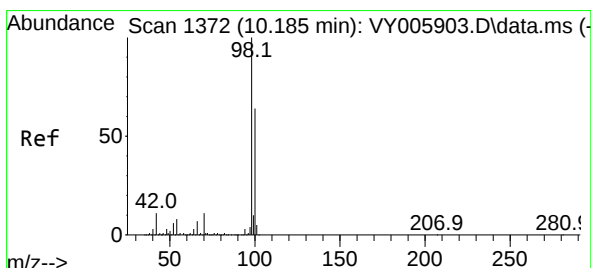
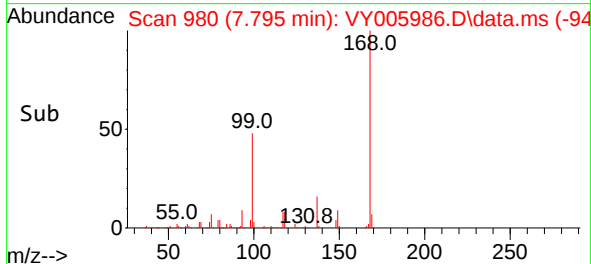
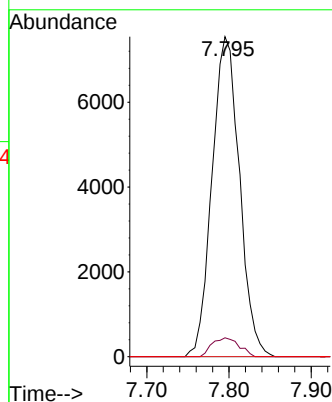
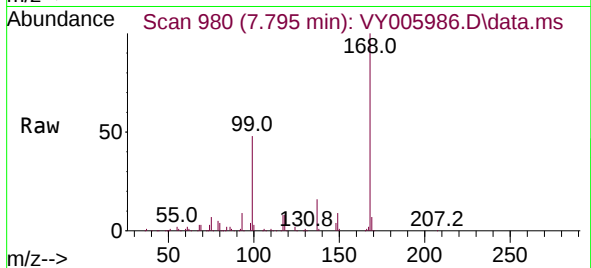




#38
Carbon Tetrachloride
Concen: 4.917 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

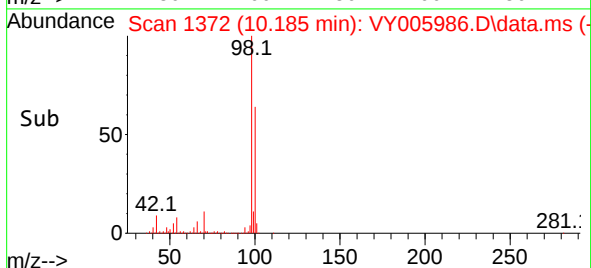
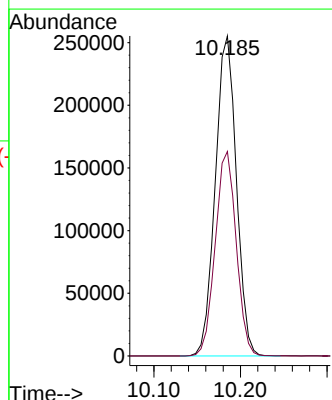
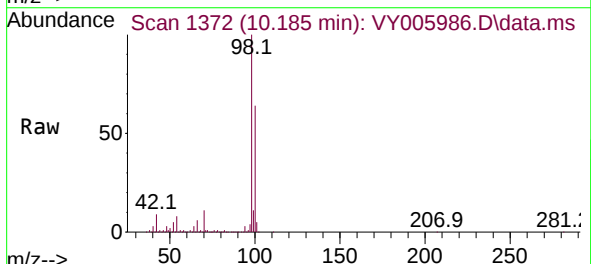
Instrument :
MSVOA_Y
ClientSampleId :

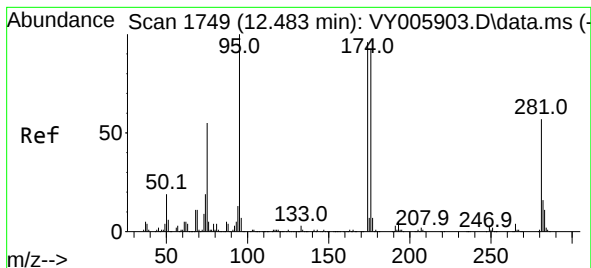
Tgt Ion:117 Resp: 17471
Ion Ratio Lower Upper
117 100
119 5.9 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.591 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Tgt Ion: 98 Resp: 431609
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

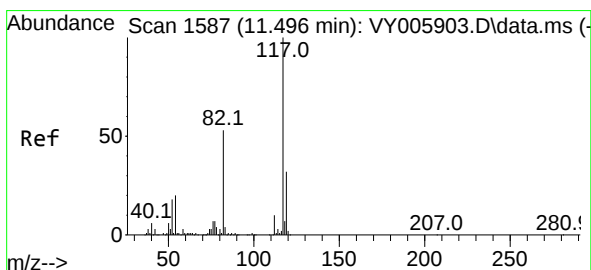
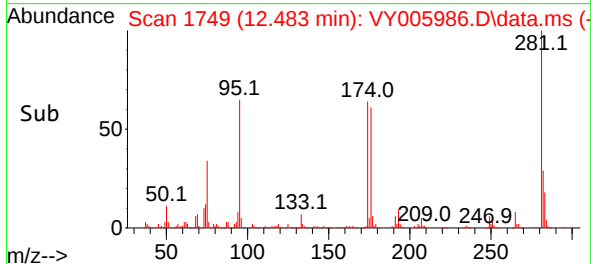
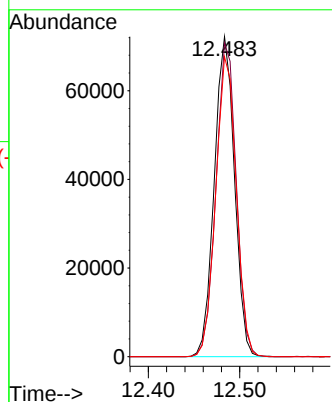
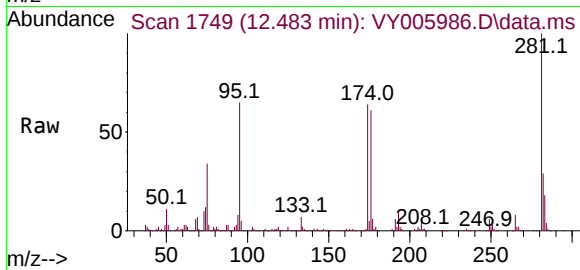




#62
4-Bromofluorobenzene
Concen: 40.247 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

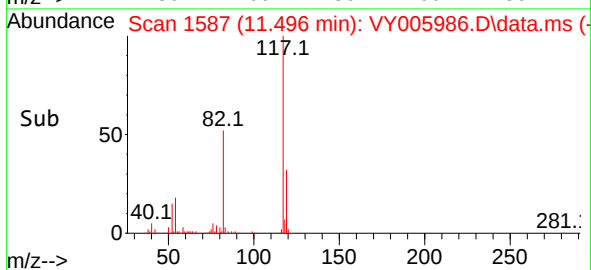
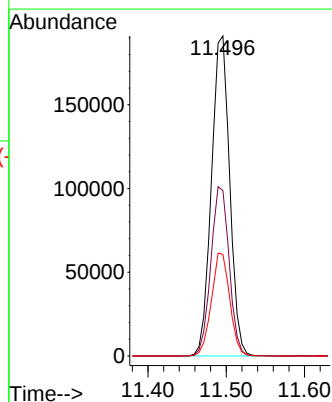
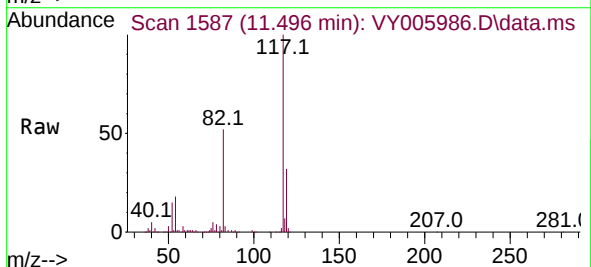
Instrument :
MSVOA_Y
ClientSampled :

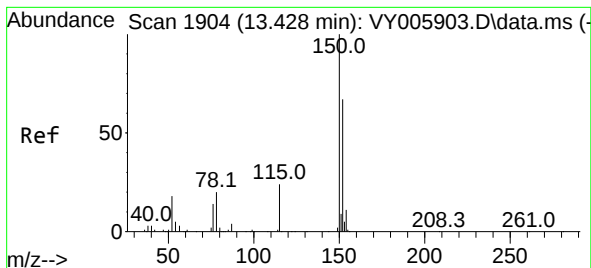
Tgt Ion: 95 Resp: 110910
Ion Ratio Lower Upper
95 100
174 98.0 0.0 192.4
176 95.3 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Tgt Ion: 117 Resp: 308740
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 31.8 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: VY005986.D

Acq: 10 Sep 2021 16:30

Tgt Ion:152 Resp: 96092

Ion Ratio Lower Upper

152 100

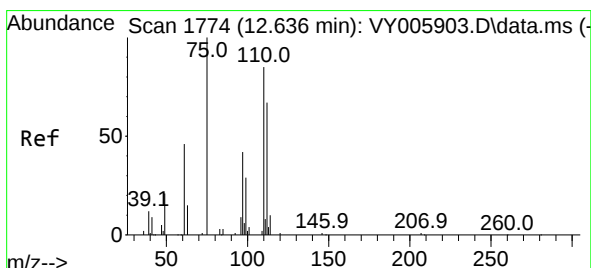
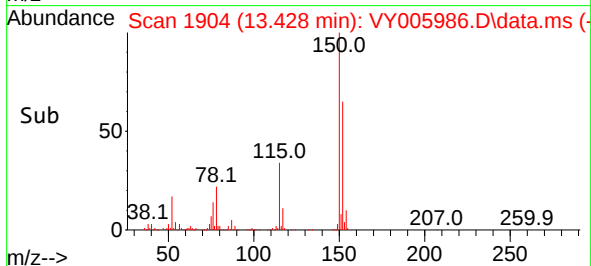
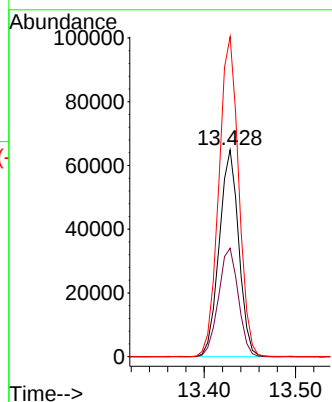
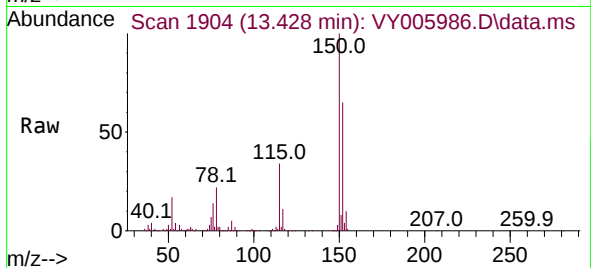
115 53.6 26.8 80.4

150 157.6 0.0 345.6

Instrument :

MSVOA_Y

ClientSampled :



#76

1,2,3-Trichloropropane

Concen: 63.194 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY005986.D

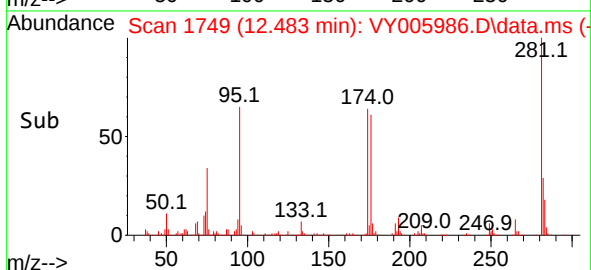
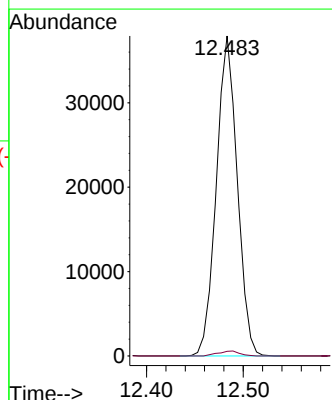
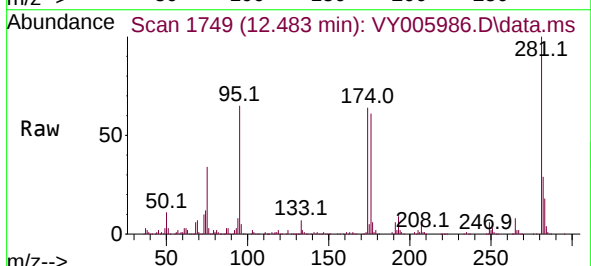
Acq: 10 Sep 2021 16:30

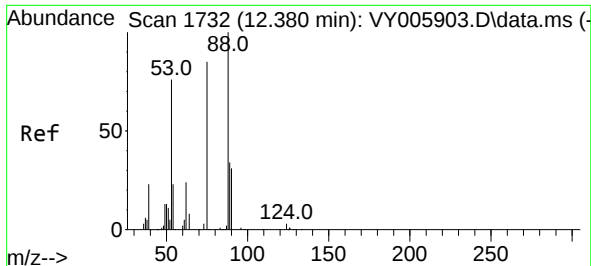
Tgt Ion: 75 Resp: 56836

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

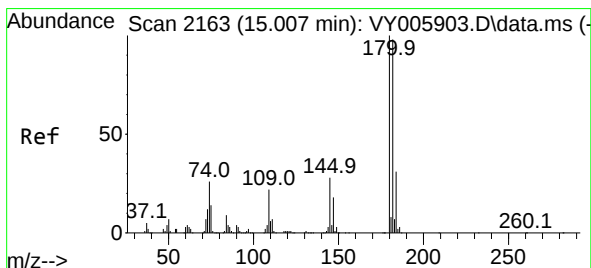
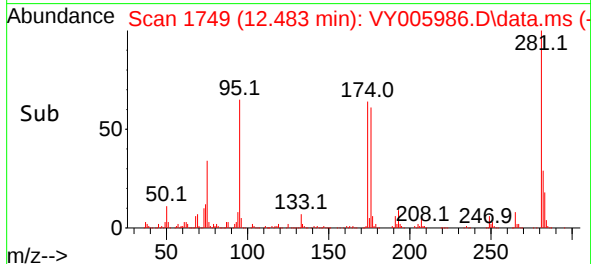
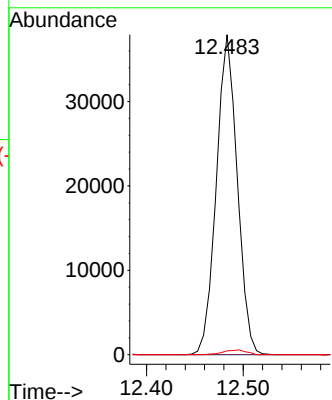
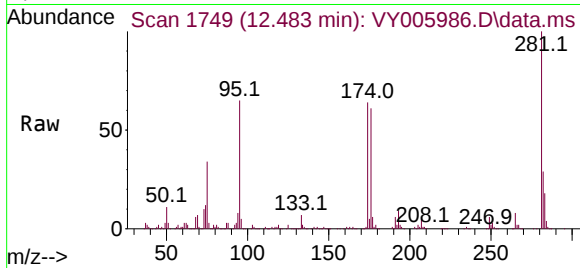




#81
trans-1,4-Dichloro-2-butene
Concen: 120.181 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

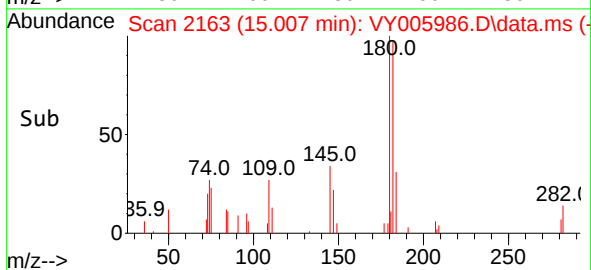
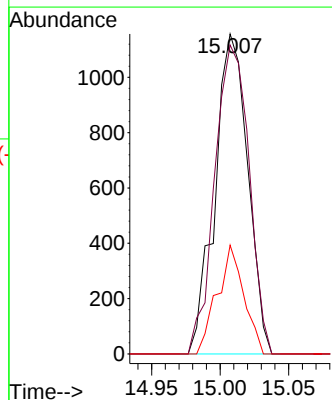
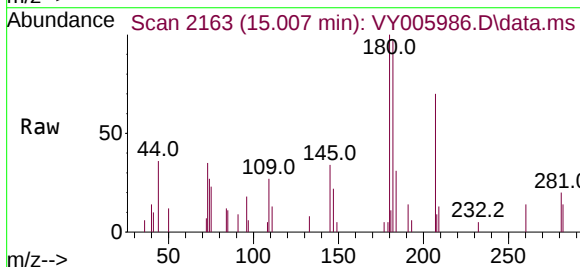
Instrument :
MSVOA_Y
ClientSampled :

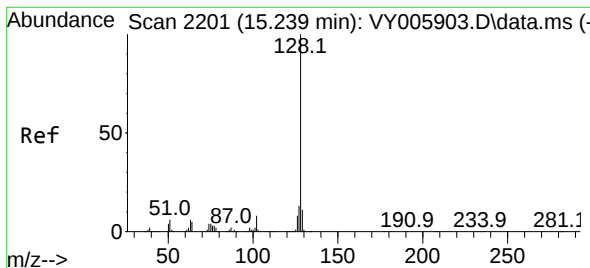
Tgt Ion: 75 Resp: 56836
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 1.6 35.8 53.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.028 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Tgt Ion:180 Resp: 1931
Ion Ratio Lower Upper
180 100
182 100.9 48.1 144.4
145 27.6 13.9 41.6

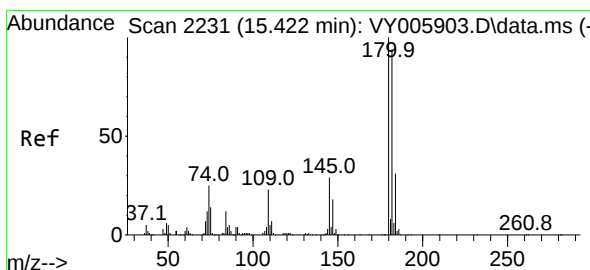
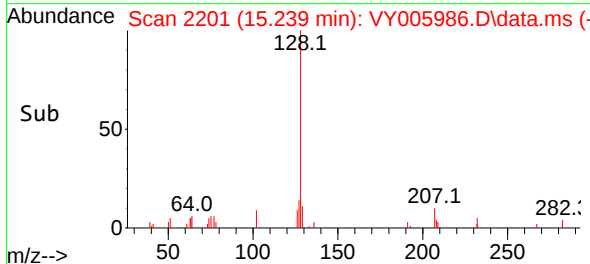
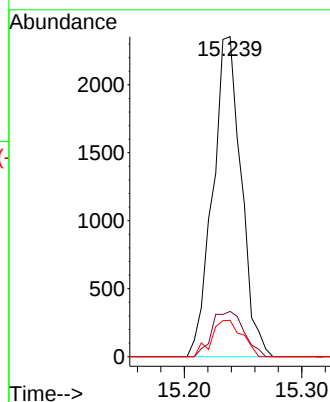
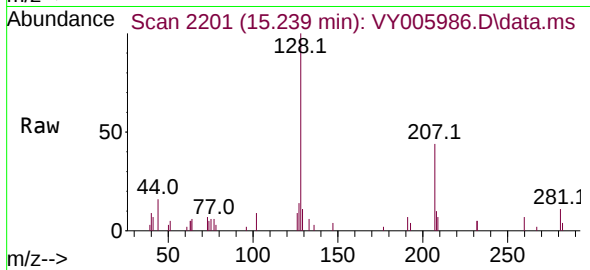




#95
Naphthalene
Concen: 1.093 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:128 Resp: 3946
Ion Ratio Lower Upper
128 100
127 15.9 10.6 15.8#
129 12.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.219 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY005986.D
Acq: 10 Sep 2021 16:30

Tgt Ion:180 Resp: 1999
Ion Ratio Lower Upper
180 100
182 103.8 47.8 143.3
145 30.6 14.2 42.8

