

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006226.D
 Acq On : 29 Sep 2021 20:20
 Operator : SY/MD
 Sample : M3966-02
 Misc : 7.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

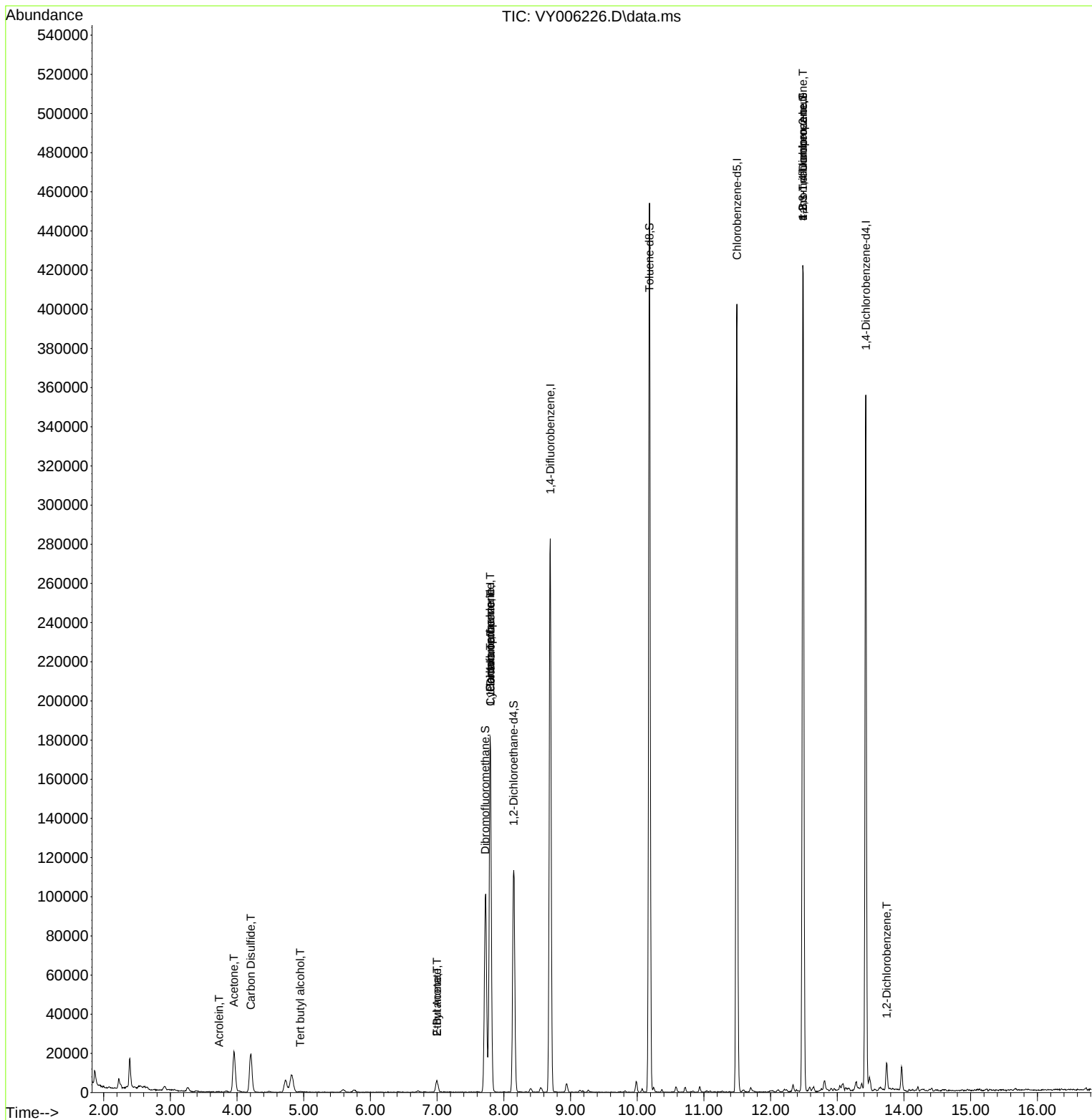
Quant Time: Sep 30 07:35:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

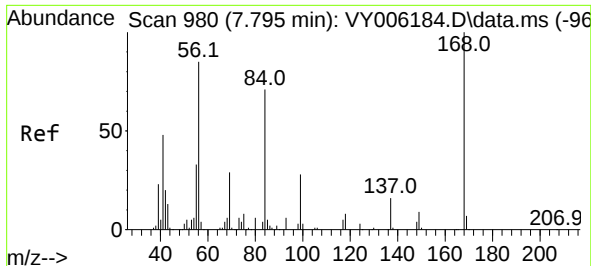
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	138928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95589	64.286	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.580%			
35) Dibromofluoromethane	7.722	113	68857	55.984	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.960%			
50) Toluene-d8	10.185	98	289288	56.199	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.400%			
62) 4-Bromofluorobenzene	12.483	95	87699	50.151	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	849	6.527	ug/l #	77
13) Acrolein	3.729	56	54	19.023	ug/l #	1
16) Acetone	3.954	43	35899	86.441	ug/l	97
17) Carbon Disulfide	4.204	76	40723	9.358	ug/l	95
20) Methylene Chloride	4.723	84	4389	Below Cal		91
25) 2-Butanone	6.996	43	8038	13.894	ug/l	96
31) Cyclohexane	7.801	56	3225	1.145	ug/l #	41
36) 1,1-Dichloropropene	7.801	75	11190	4.885	ug/l #	50
37) Ethyl Acetate	6.996	43	8038	6.024	ug/l #	83
38) Carbon Tetrachloride	7.795	117	13820	5.714	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	50148	59.211	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50148	116.358	ug/l #	8
91) 1,2-Dichlorobenzene	13.739	146	4623	1.823	ug/l	97

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

Quant Time: Sep 30 07:35:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

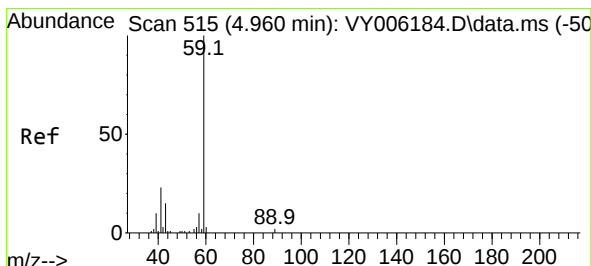
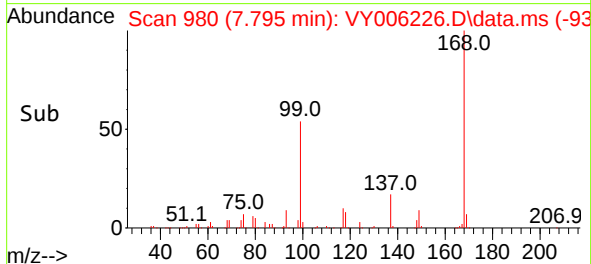
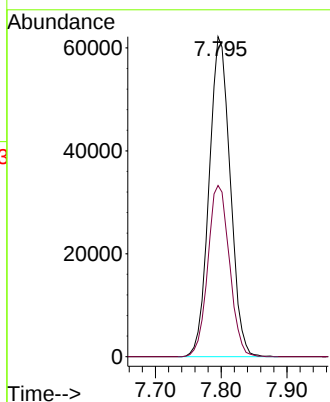
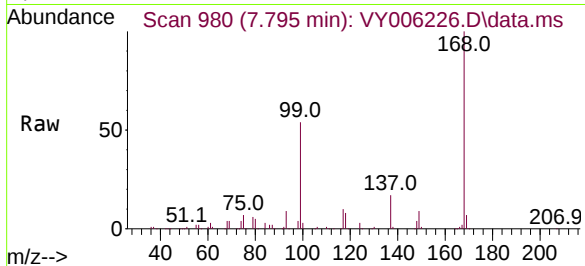




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

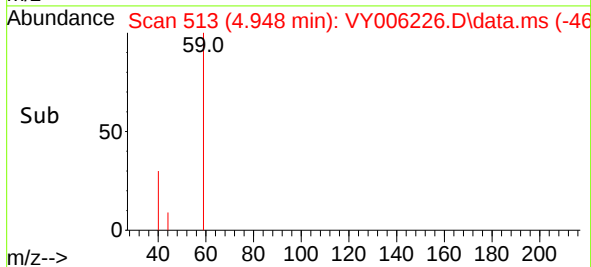
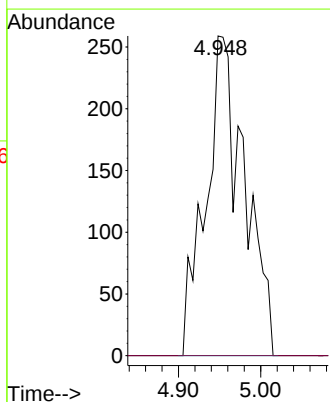
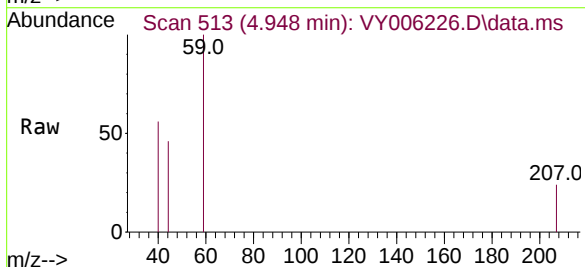
Instrument :
MSVOA_Y
ClientSampled :

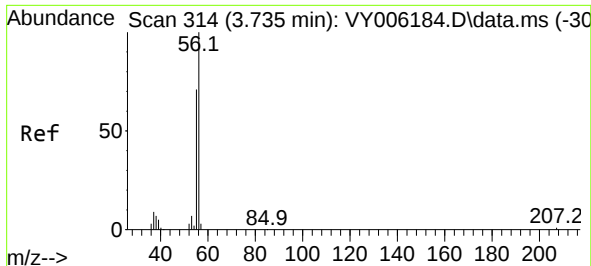
Tgt Ion:168 Resp: 138928
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.527 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

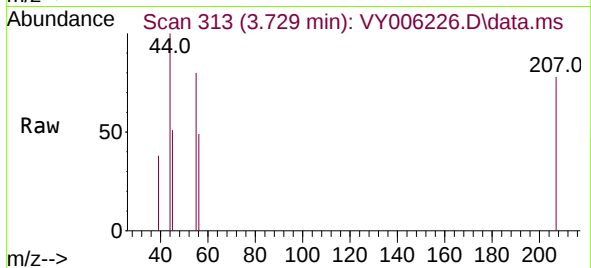
Tgt Ion: 59 Resp: 849
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



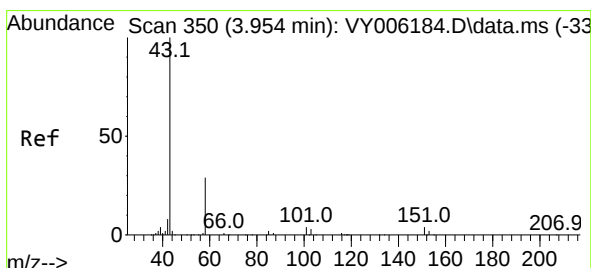
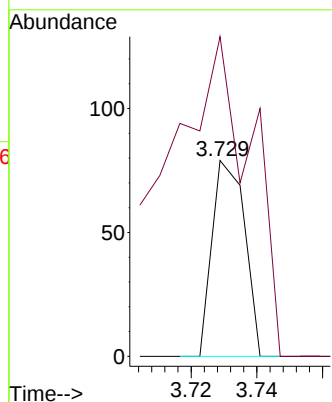
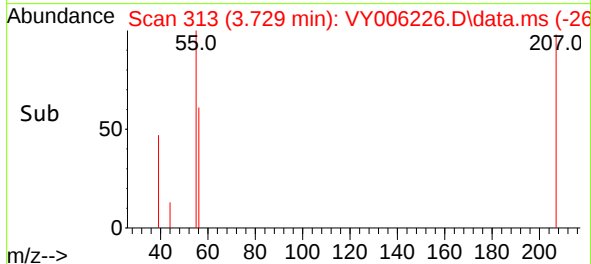


#13
Acrolein
Concen: 19.023 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

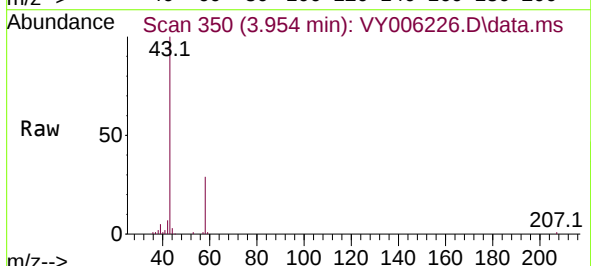
Instrument :
MSVOA_Y
ClientSampled :



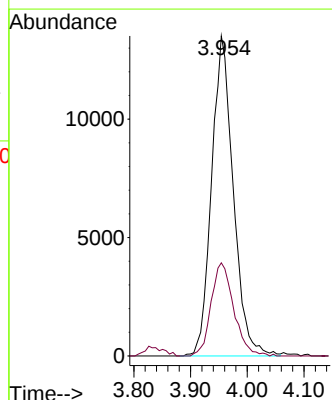
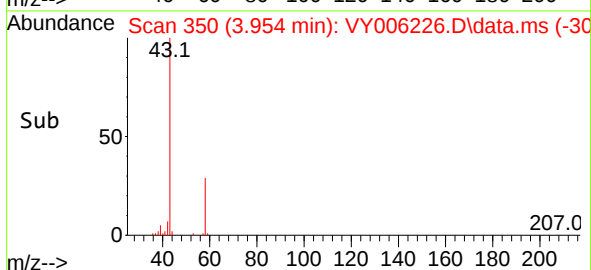
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 377.8 57.6 86.4#

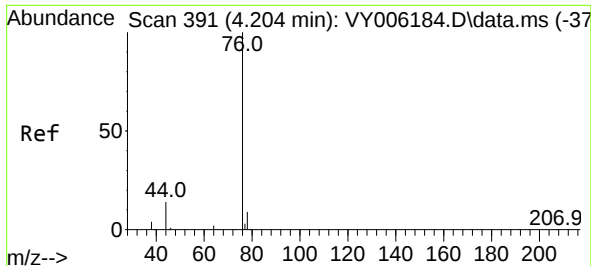


#16
Acetone
Concen: 86.441 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20



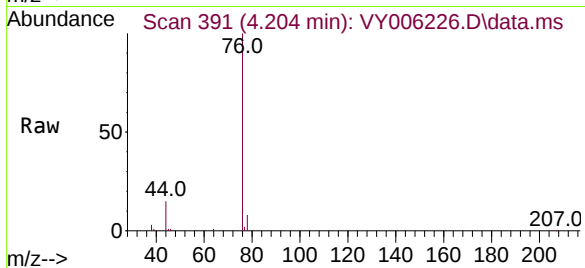
Tgt Ion: 43 Resp: 35899
Ion Ratio Lower Upper
43 100
58 29.1 22.0 33.0



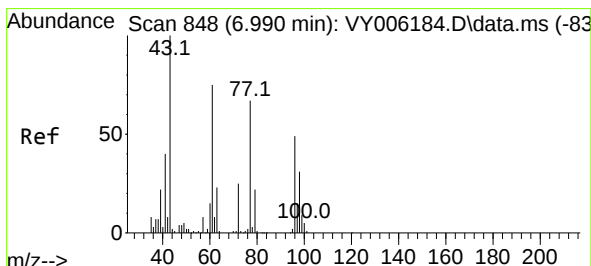
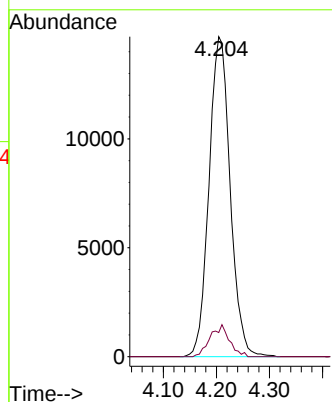
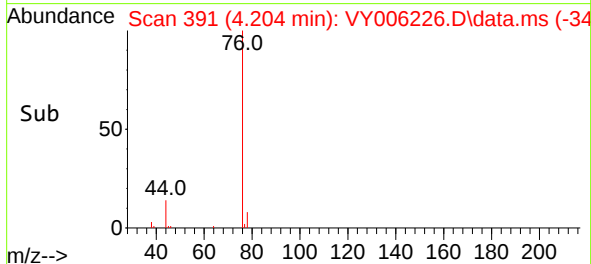


#17
Carbon Disulfide
Concen: 9.358 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

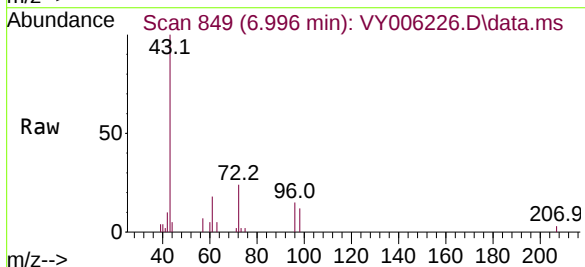
Instrument :
MSVOA_Y
ClientSampled :



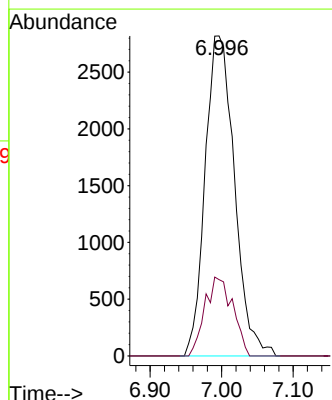
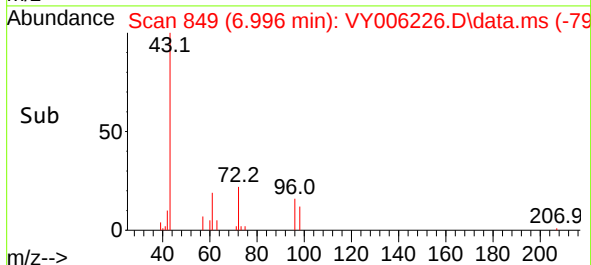
Tgt Ion: 76 Resp: 40723
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0

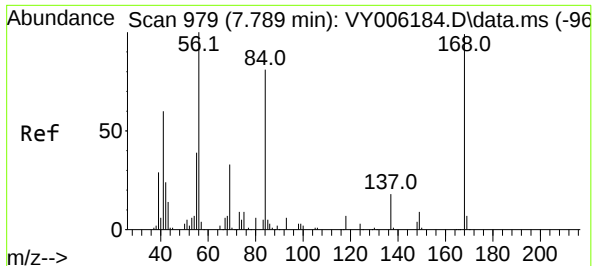


#25
2-Butanone
Concen: 13.894 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20



Tgt Ion: 43 Resp: 8038
Ion Ratio Lower Upper
43 100
72 23.8 17.7 26.5

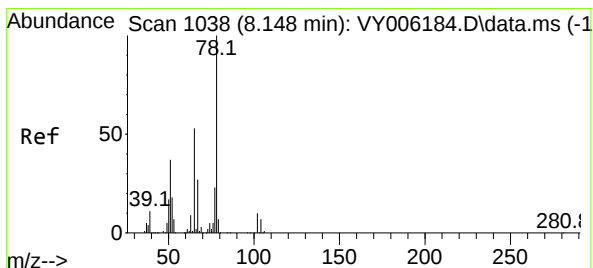
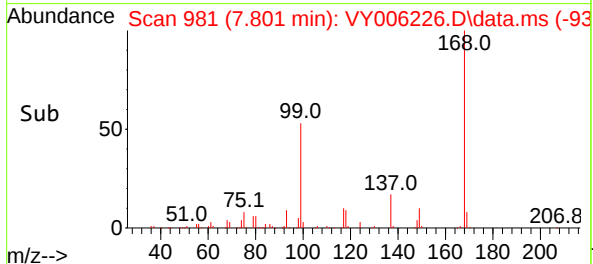
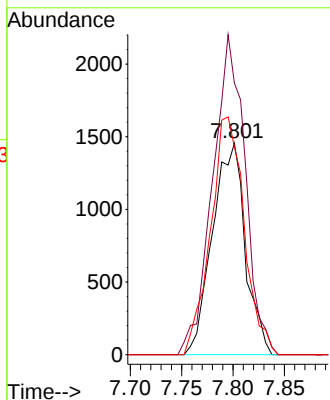
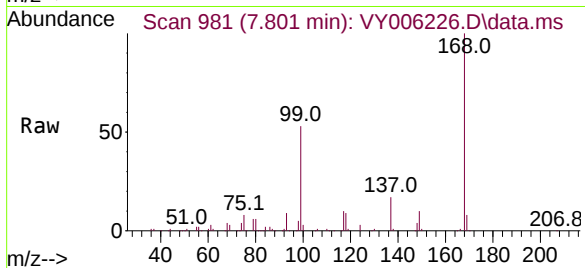




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

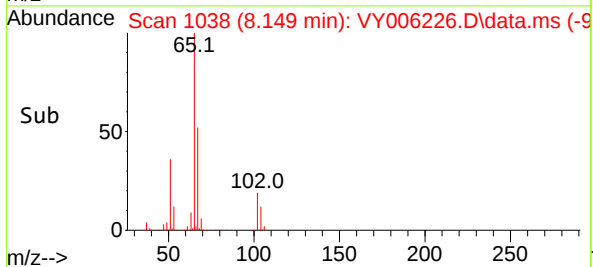
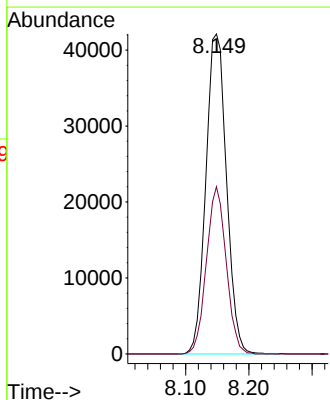
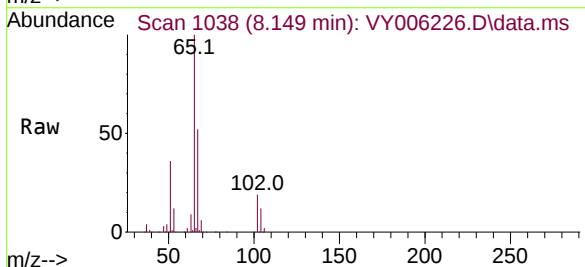
Instrument :
MSVOA_Y
ClientSampled :

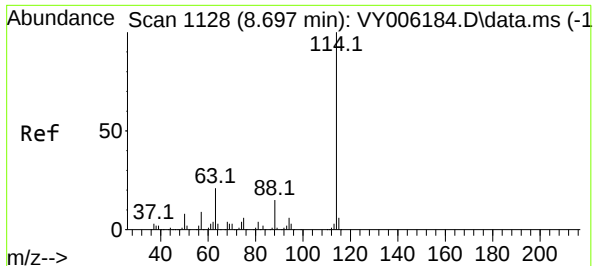
Tgt Ion: 56 Resp: 3225
Ion Ratio Lower Upper
56 100
69 128.4 26.7 40.1#
84 98.3 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 64.286 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

Tgt Ion: 65 Resp: 95589
Ion Ratio Lower Upper
65 100
67 50.0 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: VY006226.D

Acq: 29 Sep 2021 20:20

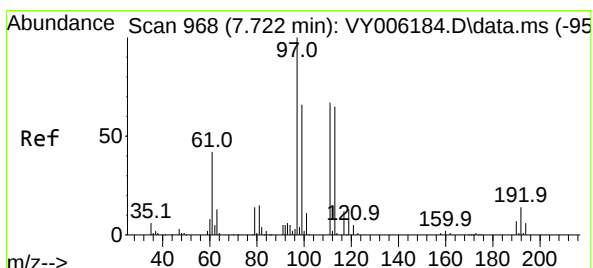
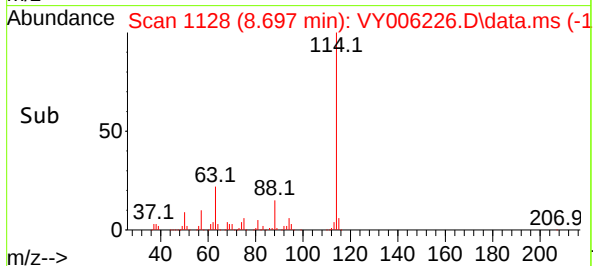
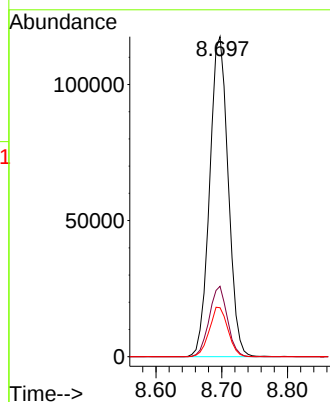
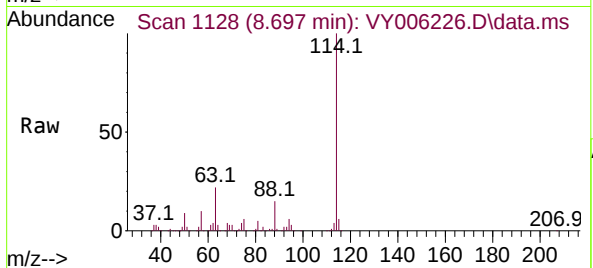
Tgt Ion:114 Resp: 230215

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.984 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006226.D

Acq: 29 Sep 2021 20:20

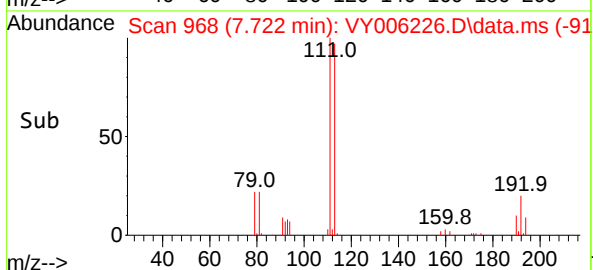
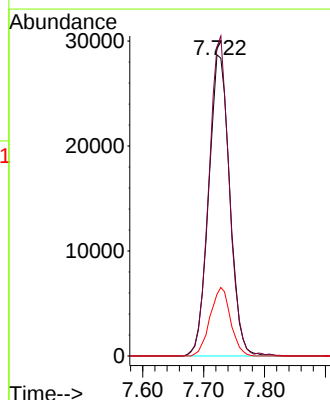
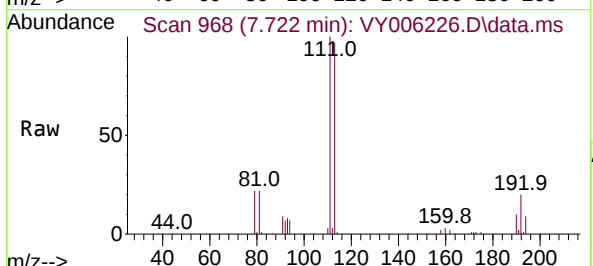
Tgt Ion:113 Resp: 68857

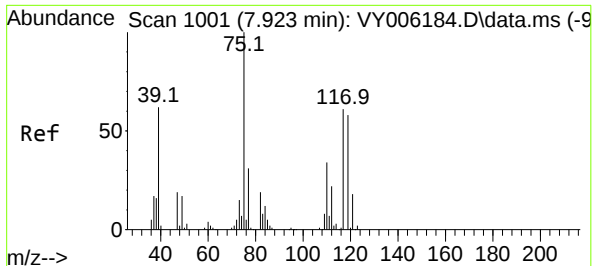
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 22.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.885 ug/l

RT: 7.801 min Scan# 981

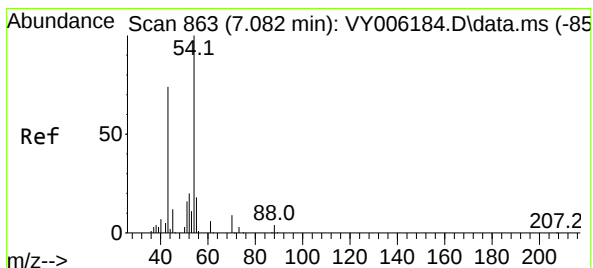
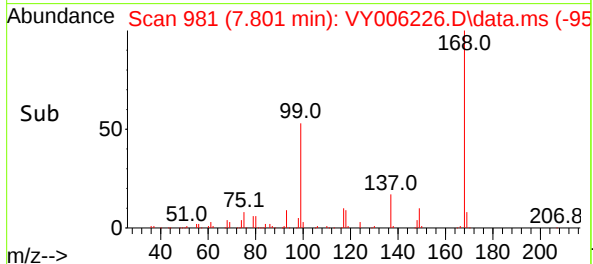
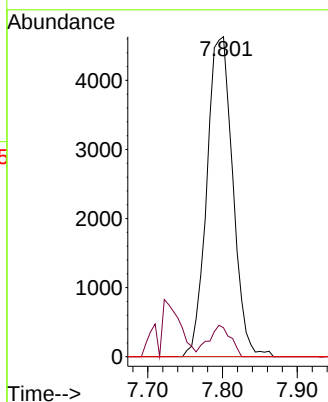
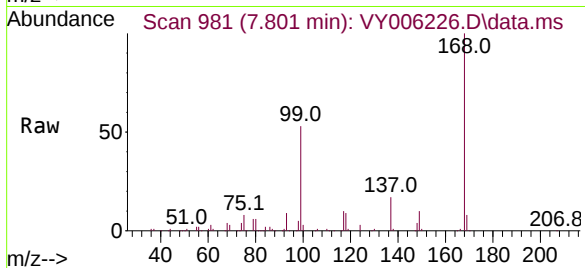
Delta R.T. -0.122 min

Lab File: VY006226.D

Acq: 29 Sep 2021 20:20

Tgt Ion:	75	Resp:	11190
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampled :



#37

Ethyl Acetate

Concen: 6.024 ug/l

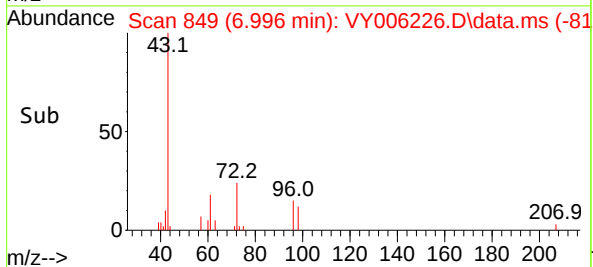
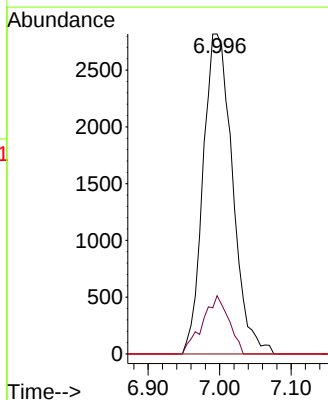
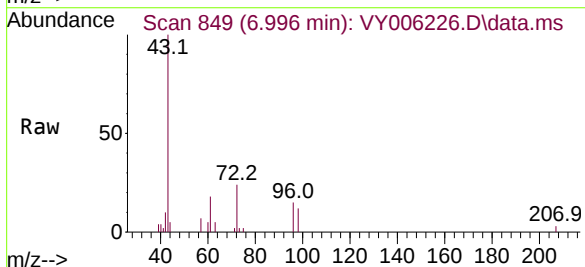
RT: 6.996 min Scan# 849

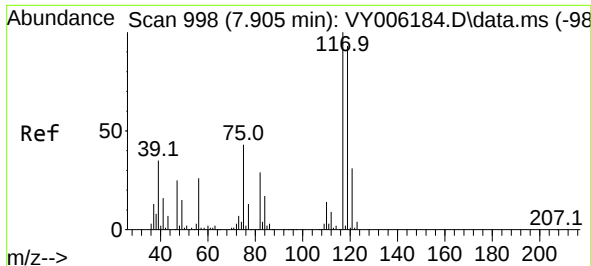
Delta R.T. -0.085 min

Lab File: VY006226.D

Acq: 29 Sep 2021 20:20

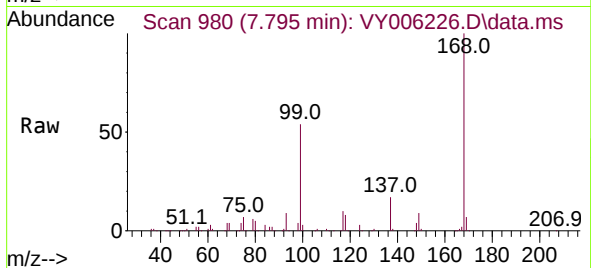
Tgt Ion:	43	Resp:	8038
Ion	Ratio	Lower	Upper
43	100		
61	16.3	9.7	14.5#
70	0.0	7.1	10.7#



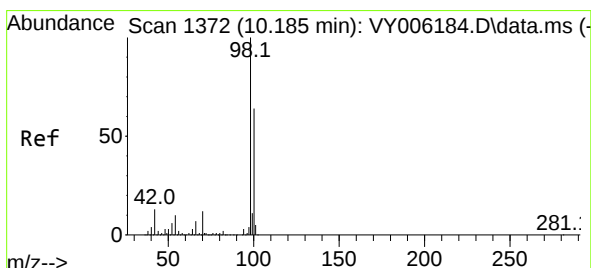
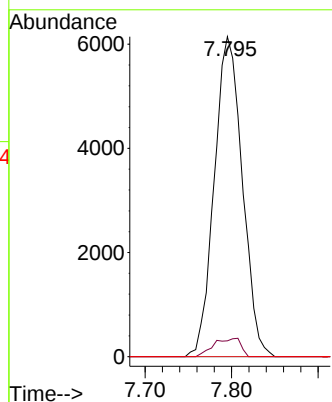
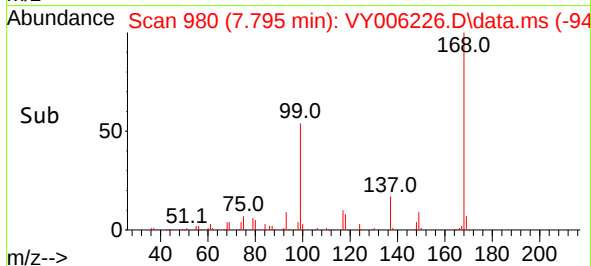


#38
Carbon Tetrachloride
Concen: 5.714 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

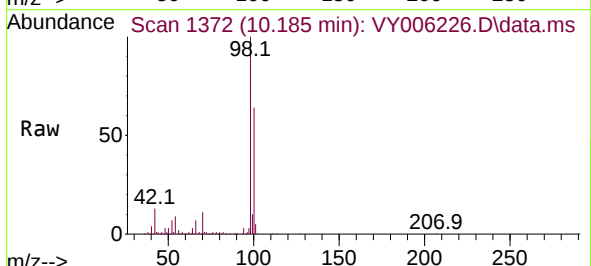
Instrument :
MSVOA_Y
ClientSampled :



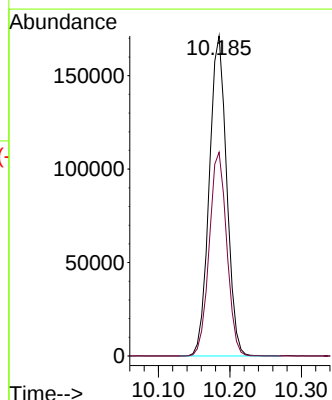
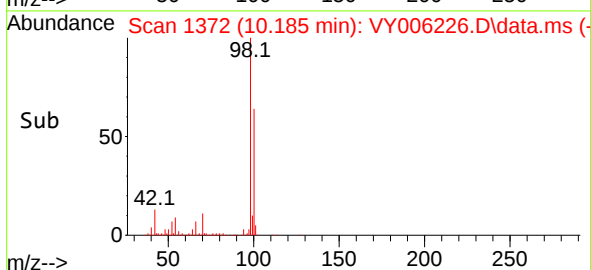
Tgt Ion:117 Resp: 13820
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

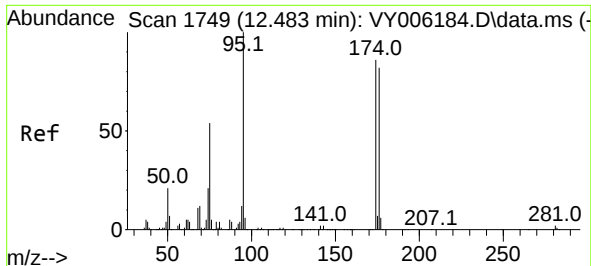


#50
Toluene-d8
Concen: 56.199 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20



Tgt Ion: 98 Resp: 289288
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

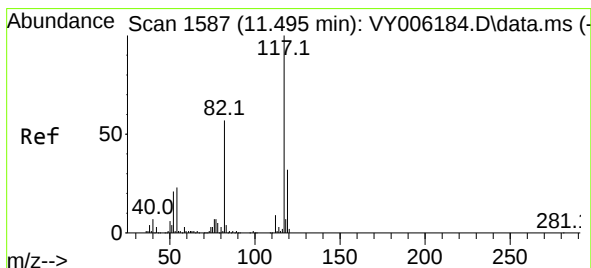
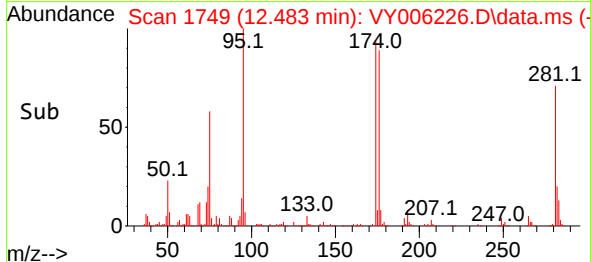
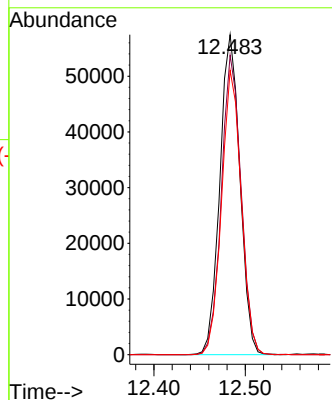
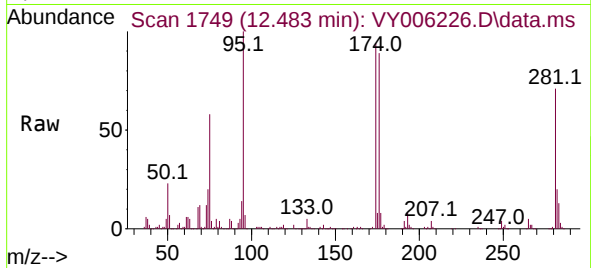




#62
4-Bromofluorobenzene
Concen: 50.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

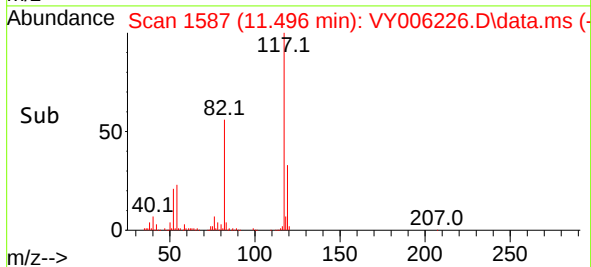
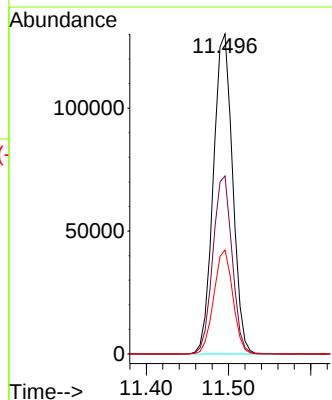
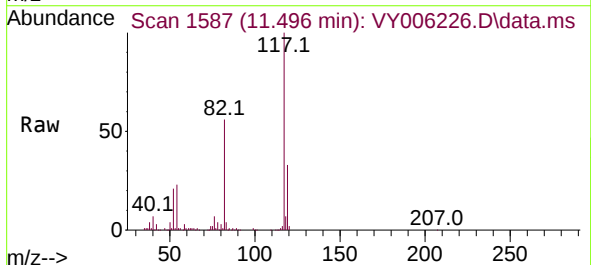
Instrument :
MSVOA_Y
ClientSampleId :

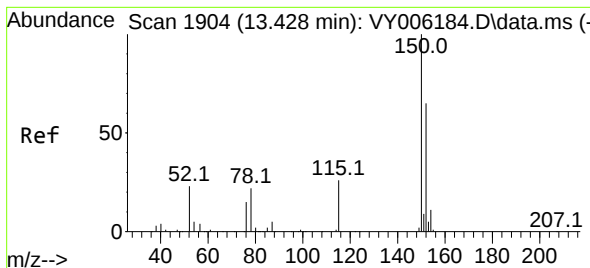
Tgt Ion: 95 Resp: 87699
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 87.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

Tgt Ion: 117 Resp: 211868
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.5 25.4 38.0

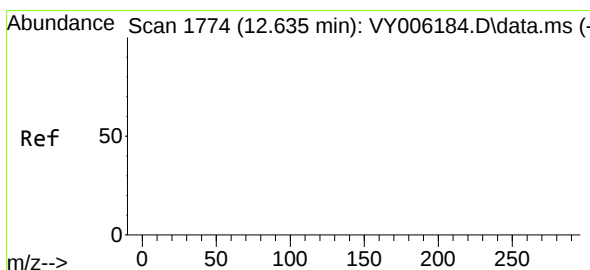
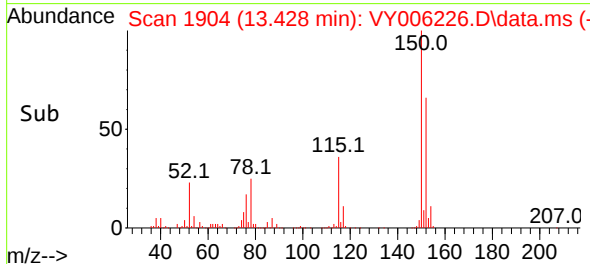
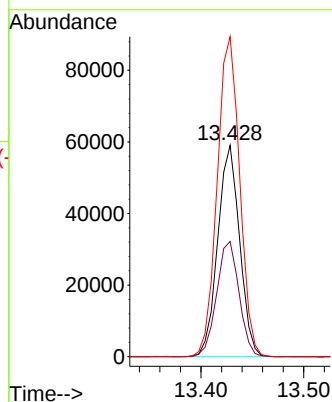
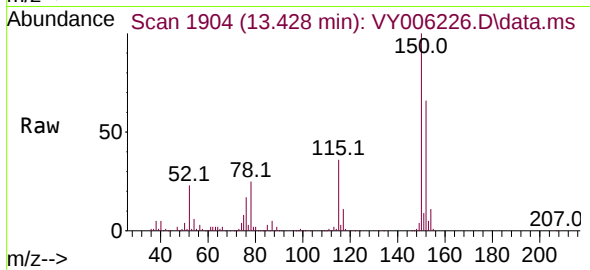




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

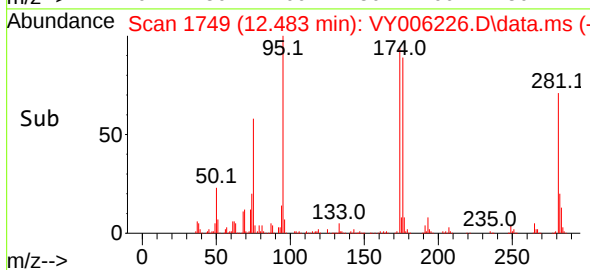
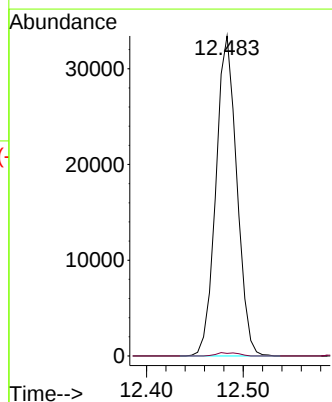
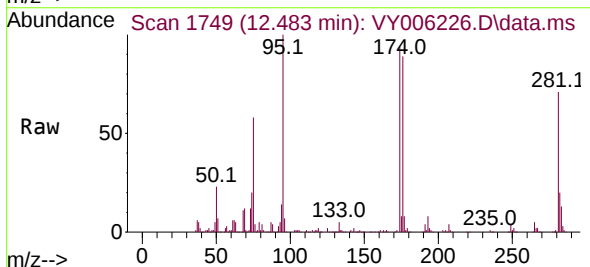
Instrument :
MSVOA_Y
ClientSampleId :

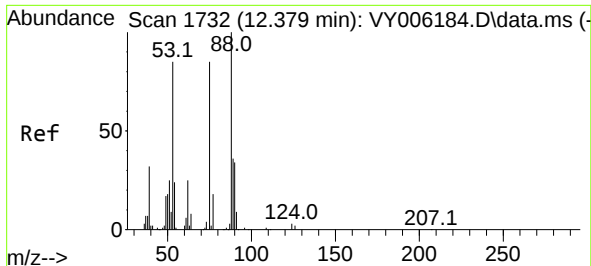
Tgt Ion:152 Resp: 87138
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 155.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 59.211 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

Tgt Ion: 75 Resp: 50148
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

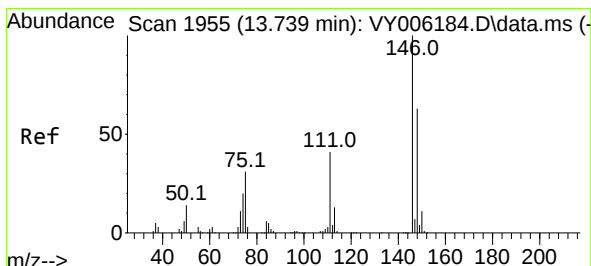
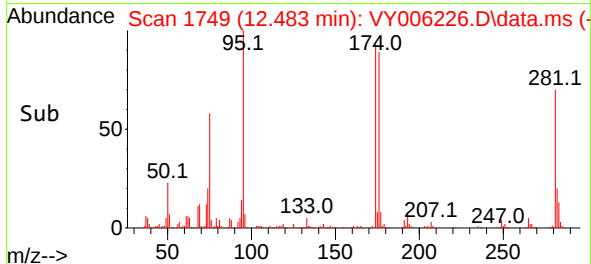
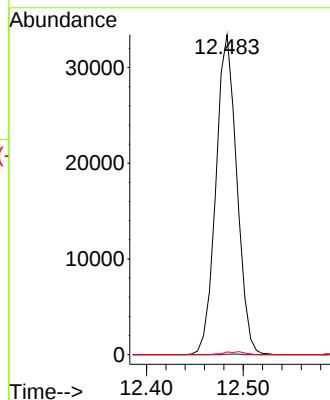
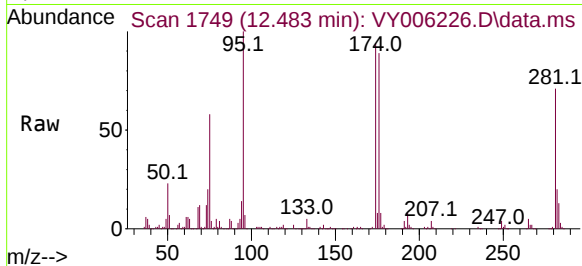




#81
trans-1,4-Dichloro-2-butene
Concen: 116.358 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50148
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.9 37.0 55.4#



#91
1,2-Dichlorobenzene
Concen: 1.823 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006226.D
Acq: 29 Sep 2021 20:20

Tgt Ion:146 Resp: 4623
Ion Ratio Lower Upper
146 100
111 43.0 20.3 60.9
148 63.3 32.3 96.9

