

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006051.D
 Acq On : 16 Sep 2021 16:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 17 02:46:04 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)

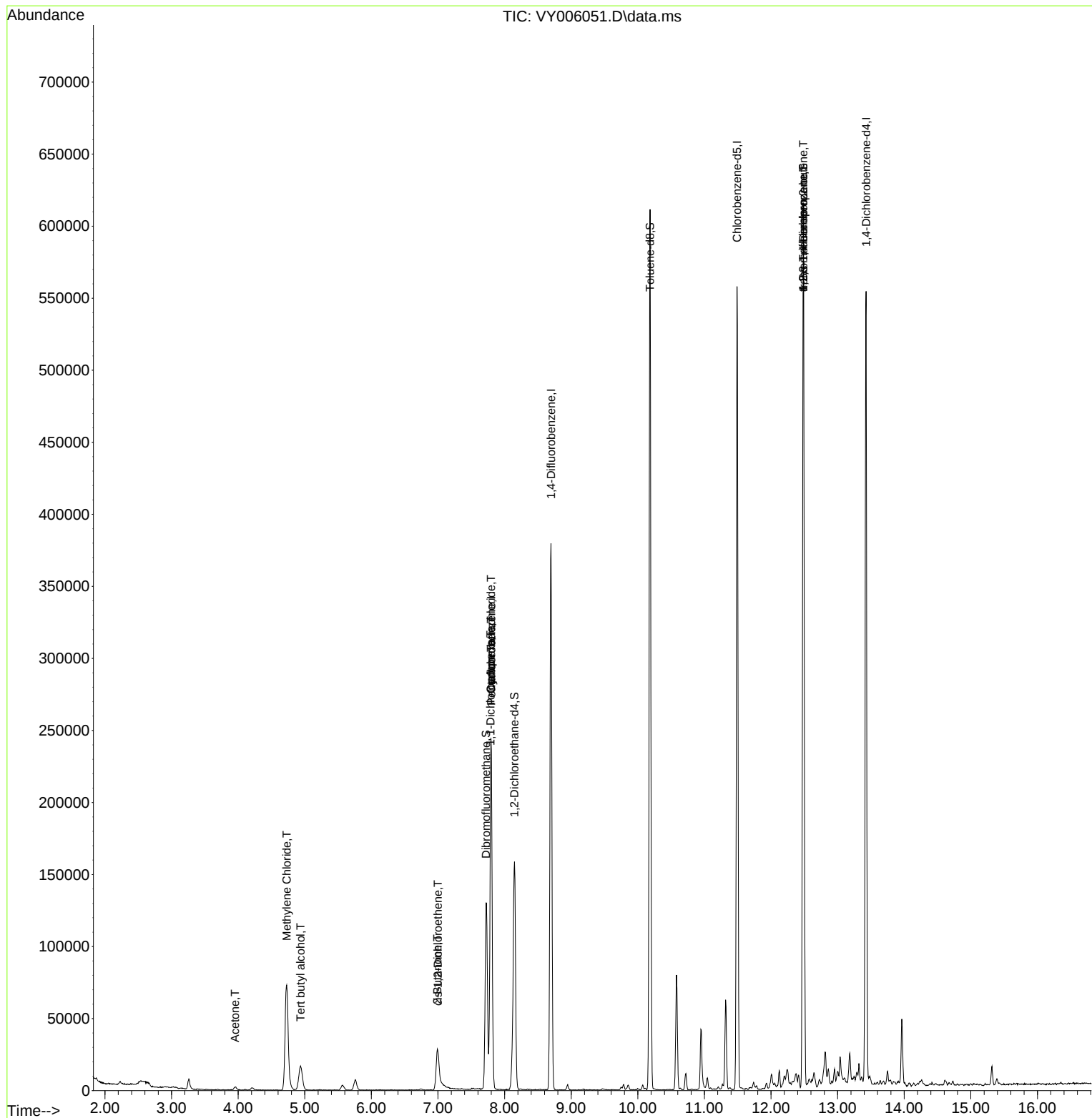
Internal Standards						
1) Pentafluorobenzene	7.801	168	184265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	302940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	278921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124405	48.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.200%
35) Dibromofluoromethane	7.722	113	90394	48.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.185	98	376320	46.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.483	95	130430	47.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	17848	5.120	ug/l #	81
16) Acetone	3.954	43	3785	5.392	ug/l	95
20) Methylene Chloride	4.729	84	51841	20.969	ug/l	96
25) 2-Butanone	6.990	43	1883	1.946	ug/l #	78
27) cis-1,2-Dichloroethene	6.996	96	3620	1.573	ug/l	76
31) Cyclohexane	7.795	56	4653	1.135	ug/l #	21
36) 1,1-Dichloropropene	7.789	75	15031	4.597	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18242	5.125	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	75630	52.914	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75630	97.284	ug/l #	7

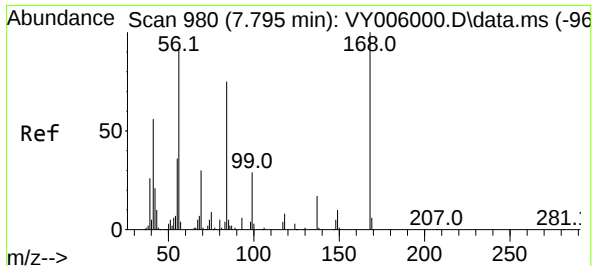
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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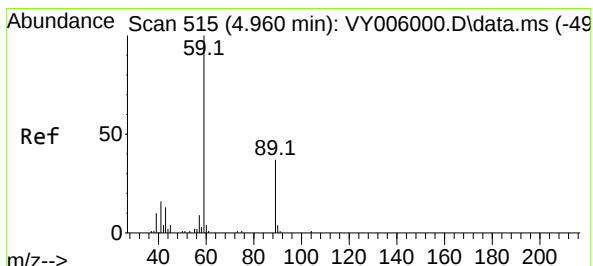
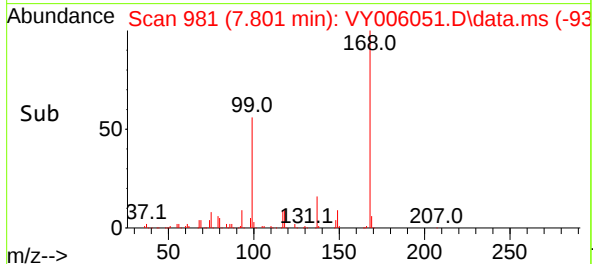
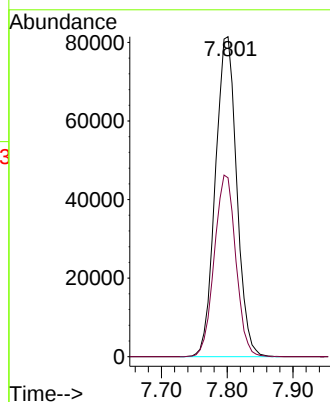
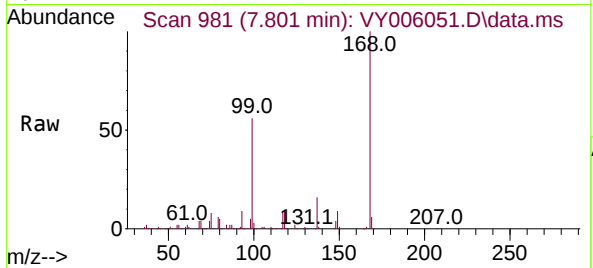




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

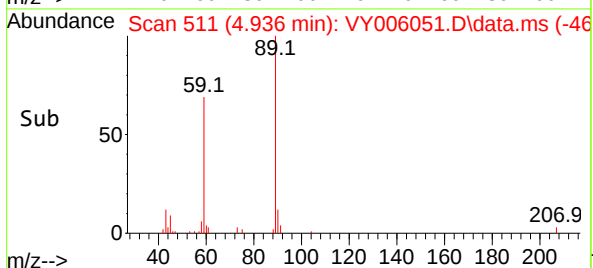
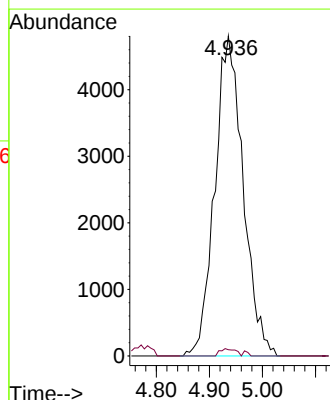
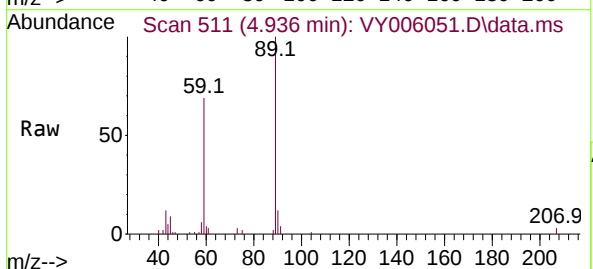
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

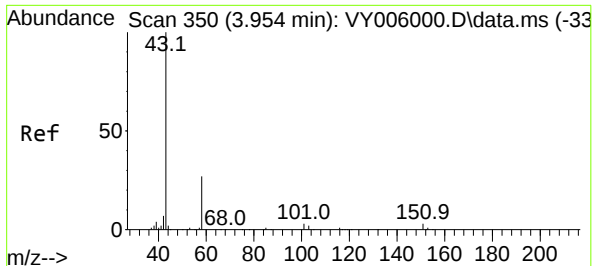
Tgt Ion:168 Resp: 184265
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 5.120 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

Tgt Ion: 59 Resp: 17848
Ion Ratio Lower Upper
59 100
57 1.2 6.4 9.6#

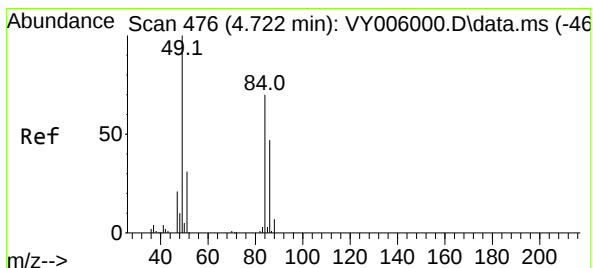
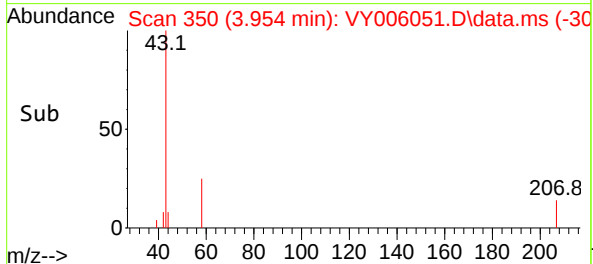
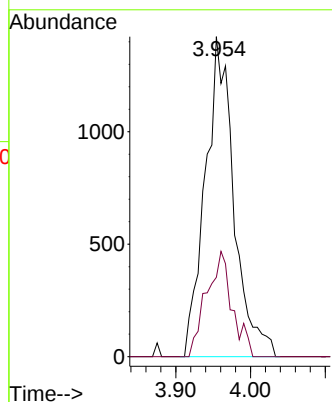
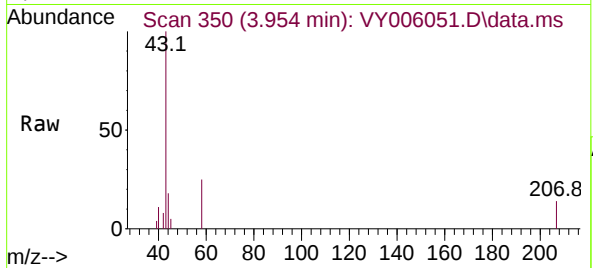




#16
Acetone
Concen: 5.392 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

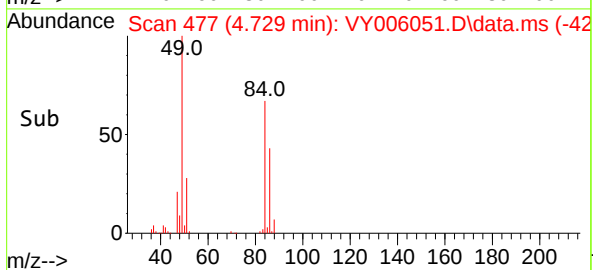
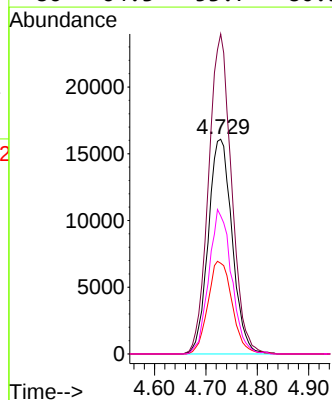
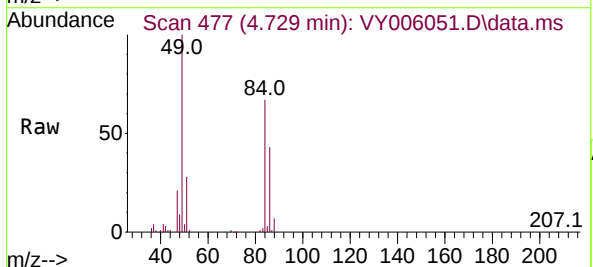
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

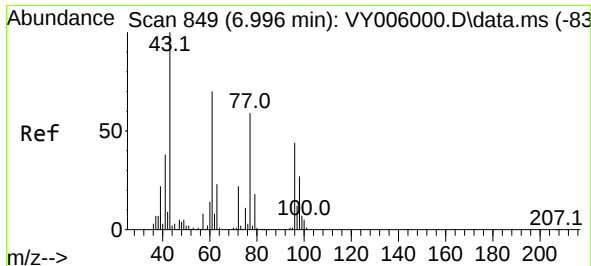
Tgt Ion: 43 Resp: 3785
Ion Ratio Lower Upper
43 100
58 24.8 22.0 33.0



#20
Methylene Chloride
Concen: 20.969 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

Tgt Ion: 84 Resp: 51841
Ion Ratio Lower Upper
84 100
49 149.0 114.4 171.6
51 42.2 35.3 52.9
86 64.3 53.7 80.5





#25

2-Butanone

Concen: 1.946 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006051.D

Acq: 16 Sep 2021 16:28

Instrument :

MSVOA_Y

ClientSampleId :

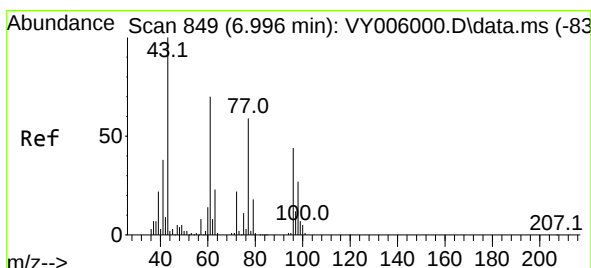
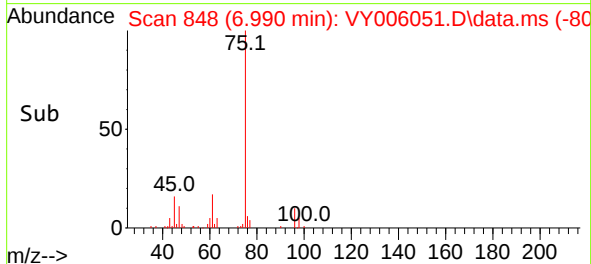
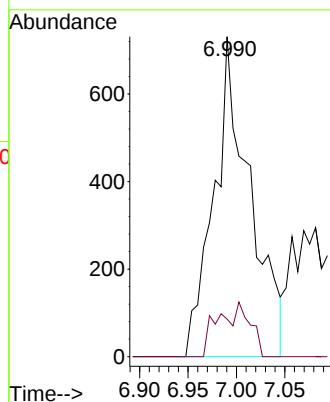
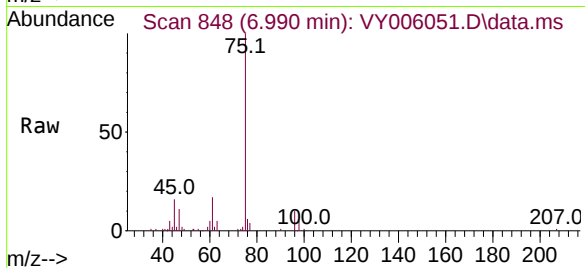
VIBLK

Tgt Ion: 43 Resp: 1883

Ion Ratio Lower Upper

43 100

72 11.8 17.7 26.5#



#27

cis-1,2-Dichloroethene

Concen: 1.573 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006051.D

Acq: 16 Sep 2021 16:28

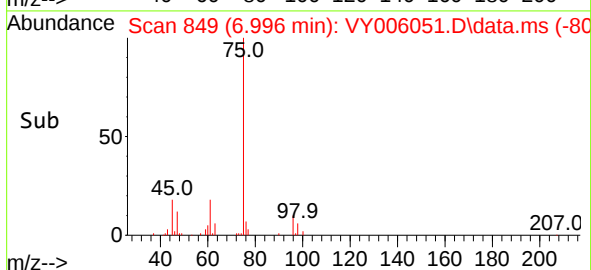
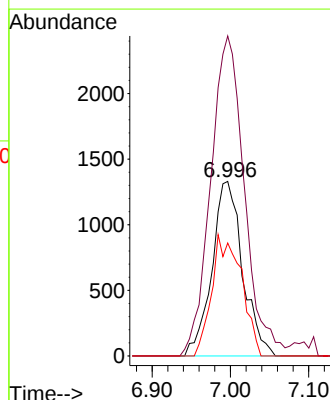
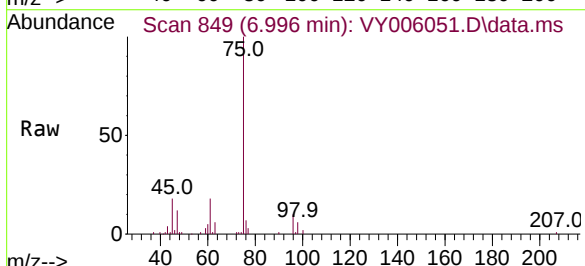
Tgt Ion: 96 Resp: 3620

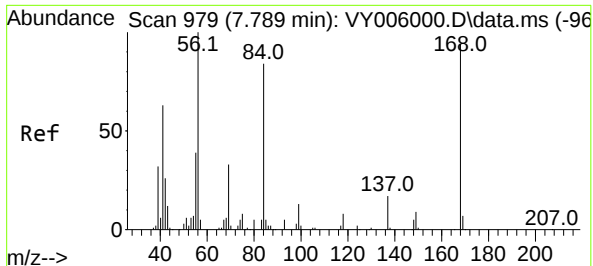
Ion Ratio Lower Upper

96 100

61 201.4 0.0 319.8

98 67.0 0.0 127.0

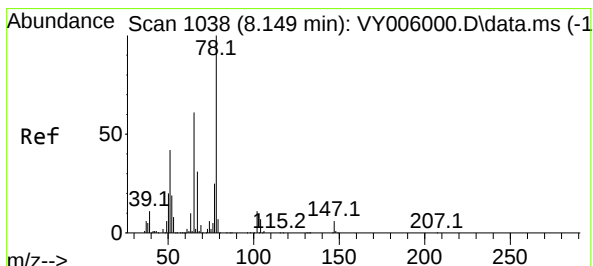
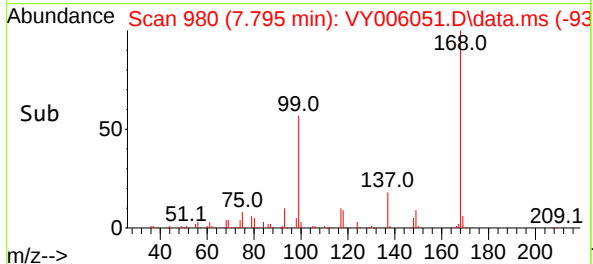
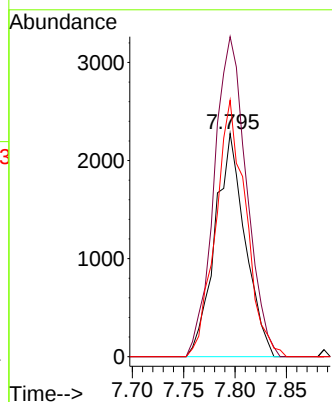
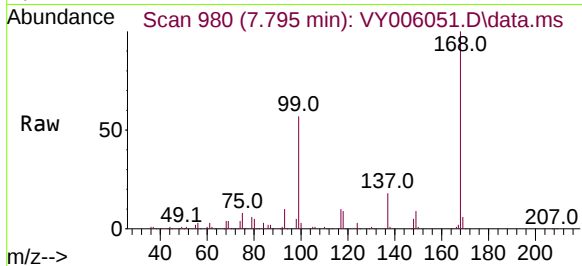




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

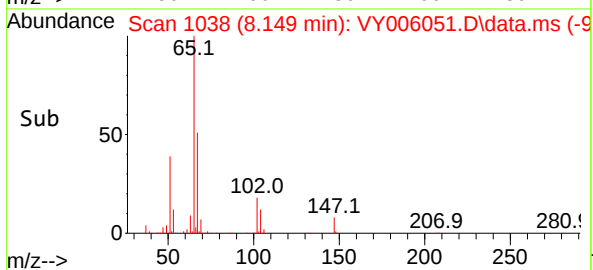
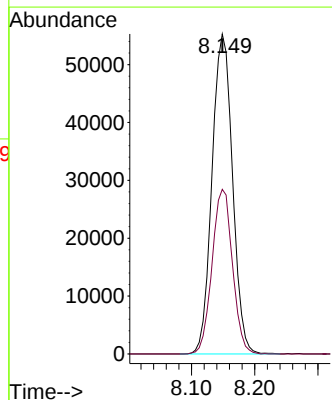
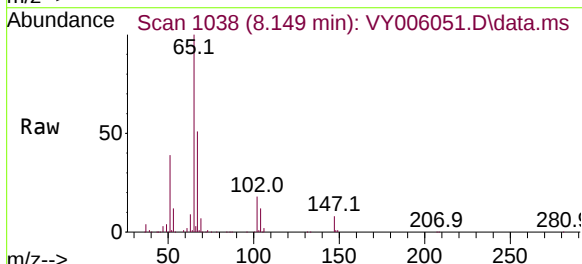
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

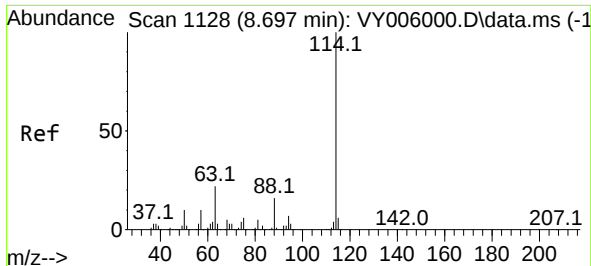
Tgt Ion: 56 Resp: 4653
Ion Ratio Lower Upper
56 100
69 143.4 26.7 40.1#
84 114.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.604 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

Tgt Ion: 65 Resp: 124405
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4

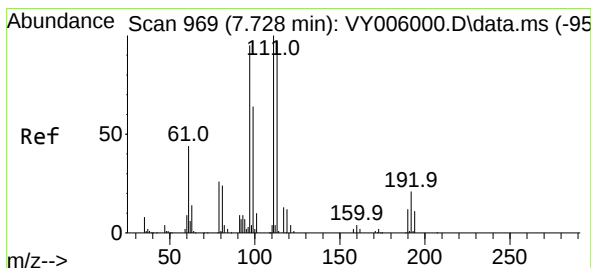
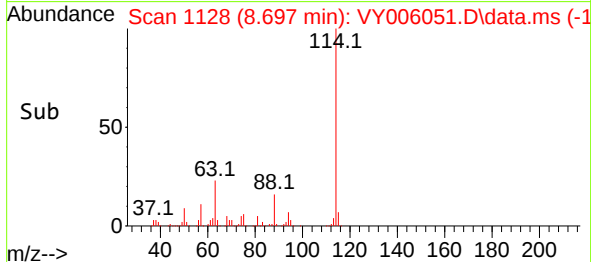
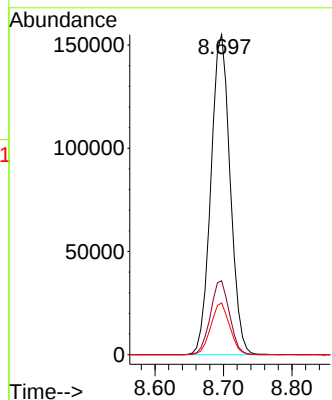
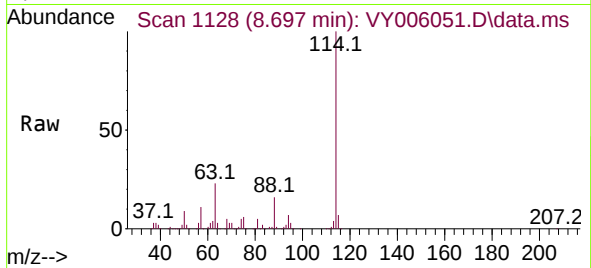




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

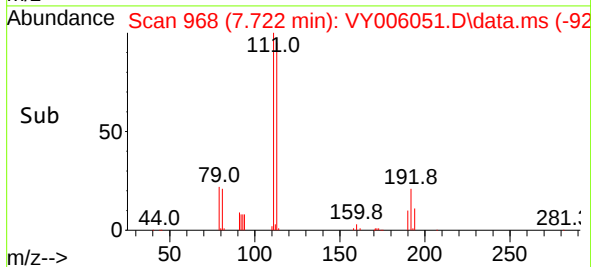
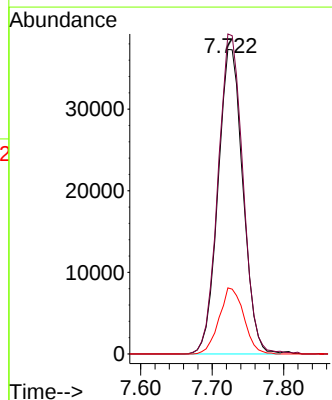
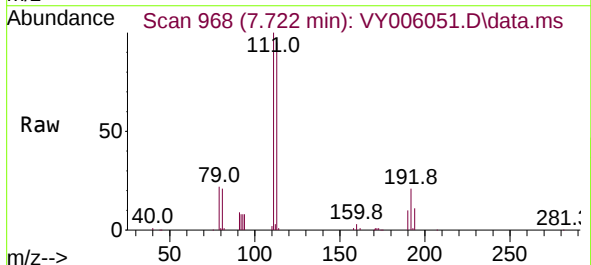
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

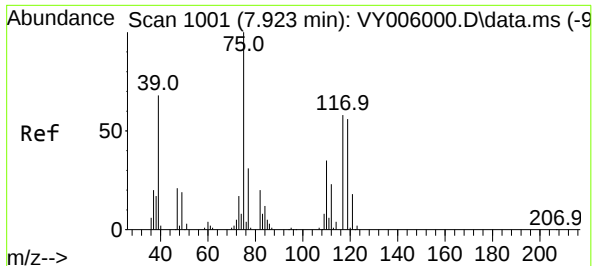
Tgt Ion:114 Resp: 302940
Ion Ratio Lower Upper
114 100
63 23.1 0.0 43.2
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.041 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

Tgt Ion:113 Resp: 90394
Ion Ratio Lower Upper
113 100
111 105.1 82.6 124.0
192 21.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.597 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY006051.D

Acq: 16 Sep 2021 16:28

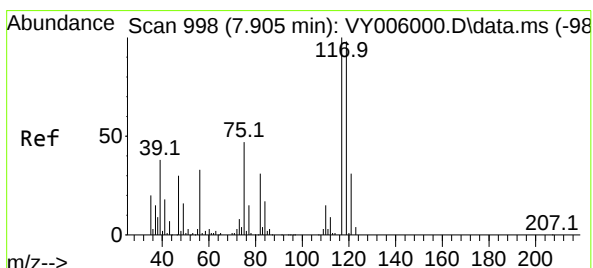
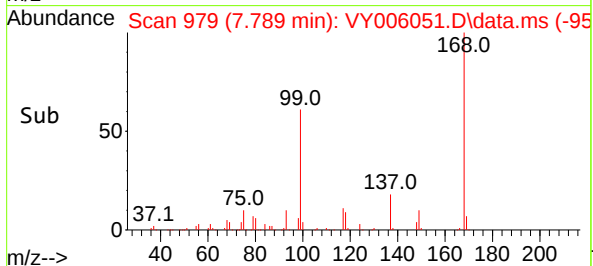
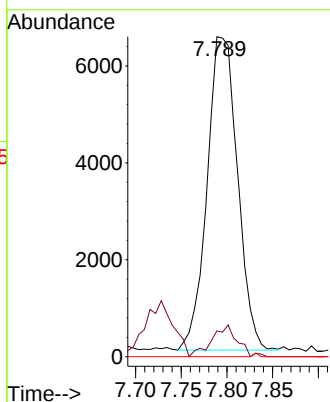
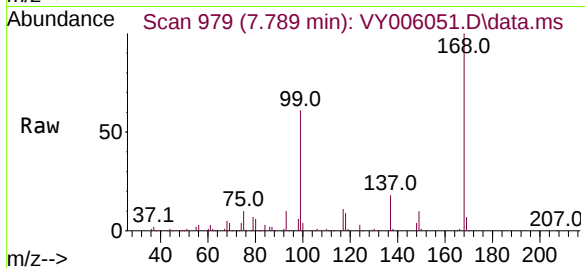
Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:	75	Resp:	15031
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.125 ug/l

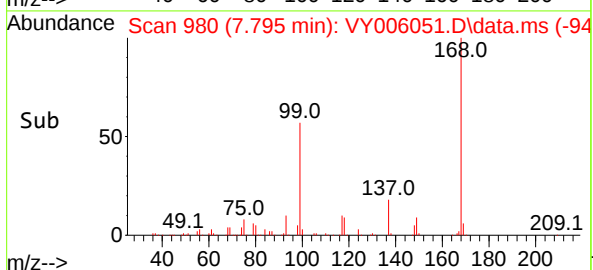
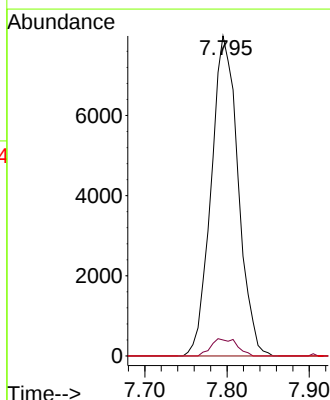
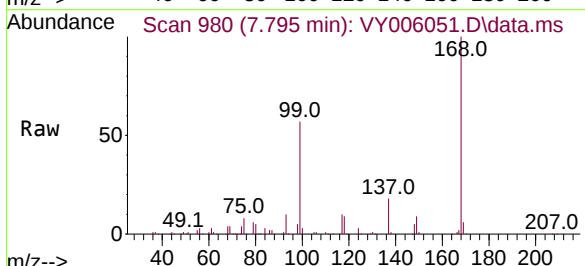
RT: 7.795 min Scan# 980

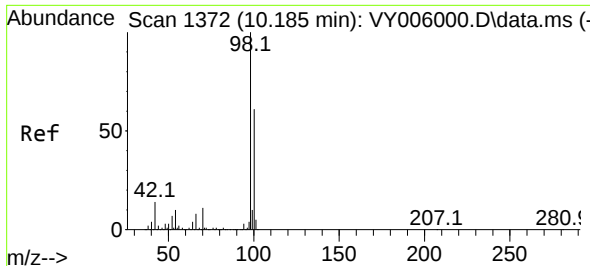
Delta R.T. -0.110 min

Lab File: VY006051.D

Acq: 16 Sep 2021 16:28

Tgt Ion:	117	Resp:	18242
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.9	116.9#
121	0.0	24.8	37.2#

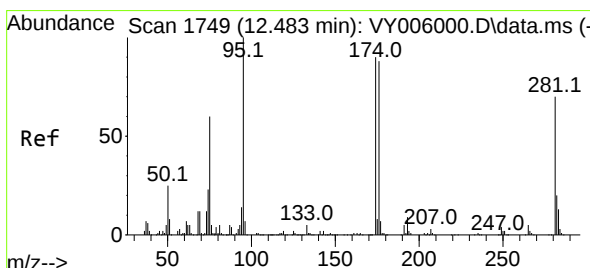
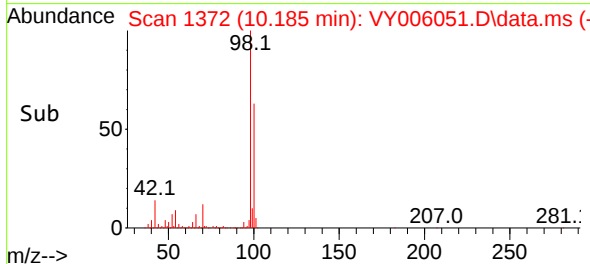
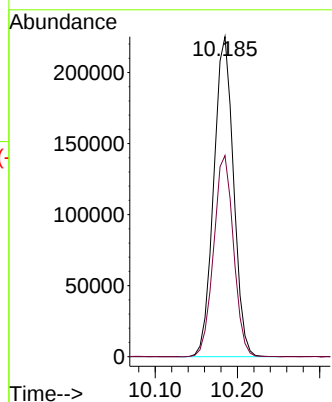
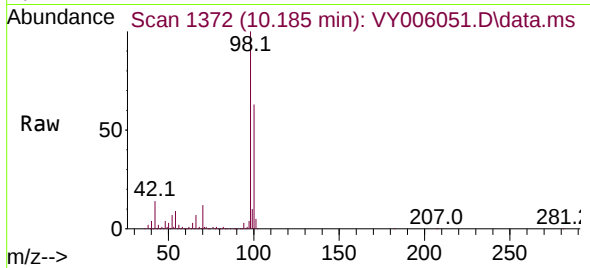




#50
Toluene-d8
Concen: 46.926 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

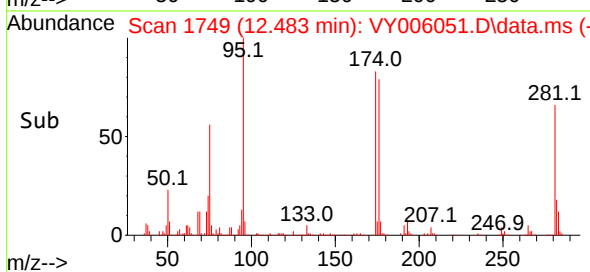
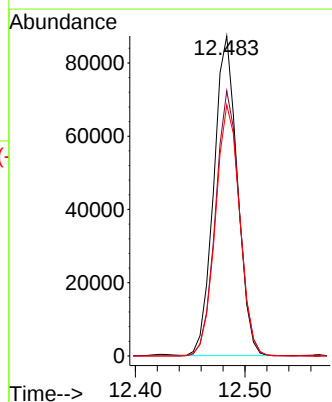
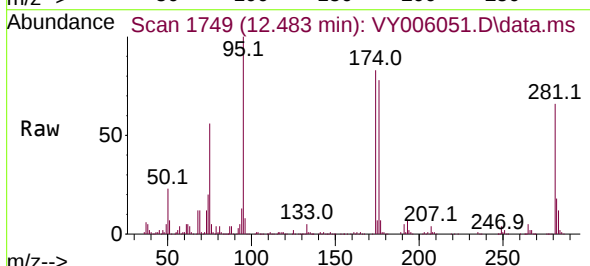
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

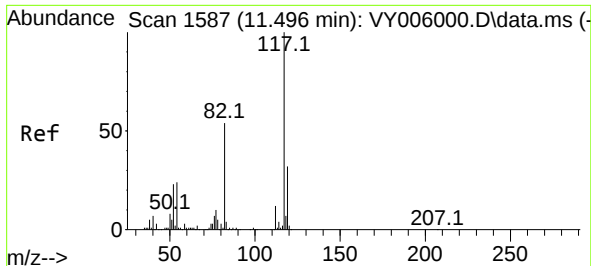
Tgt Ion: 98 Resp: 376320
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.904 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

Tgt Ion: 95 Resp: 130430
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.7 0.0 175.8

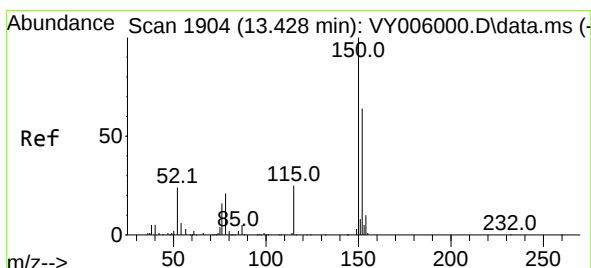
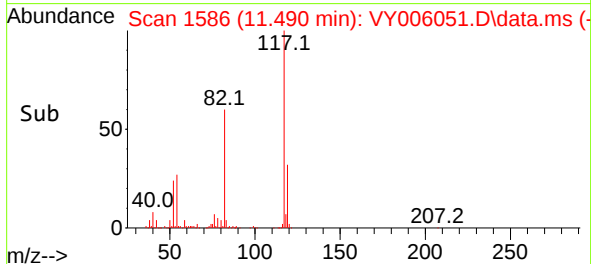
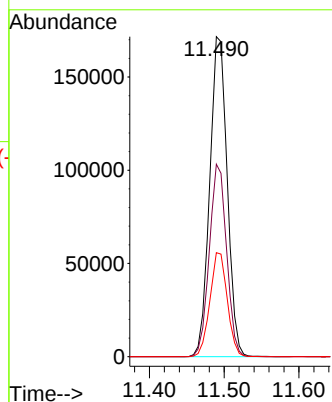
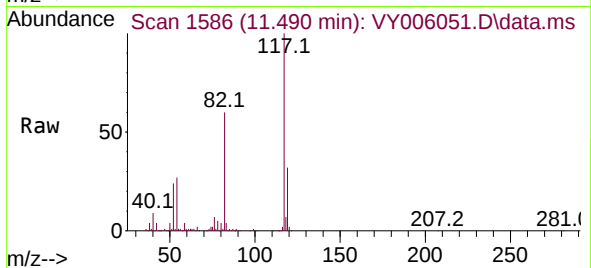




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

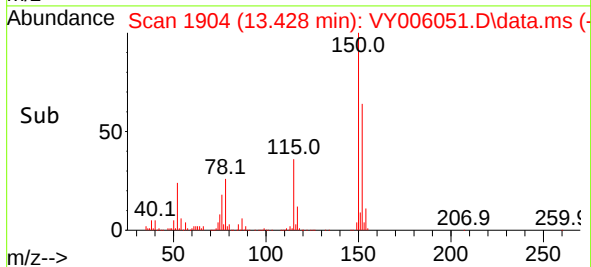
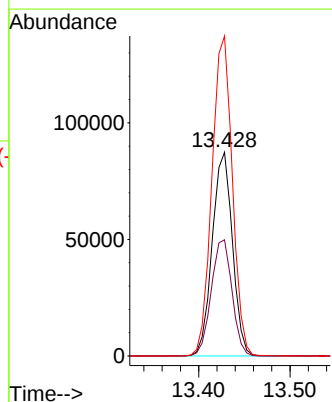
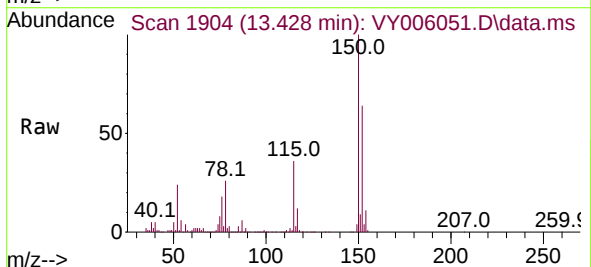
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

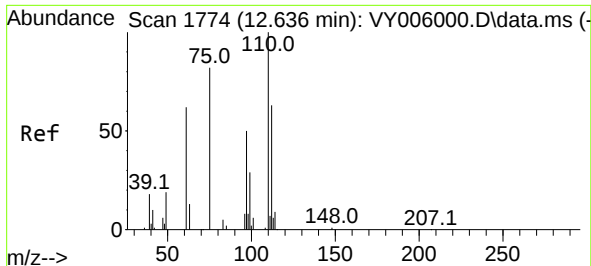
Tgt Ion:117 Resp: 278921
Ion Ratio Lower Upper
117 100
82 60.2 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

Tgt Ion:152 Resp: 134056
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 158.4 0.0 347.6

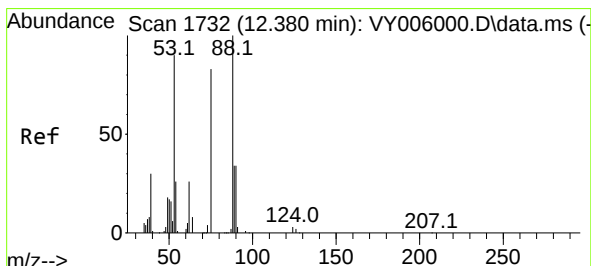
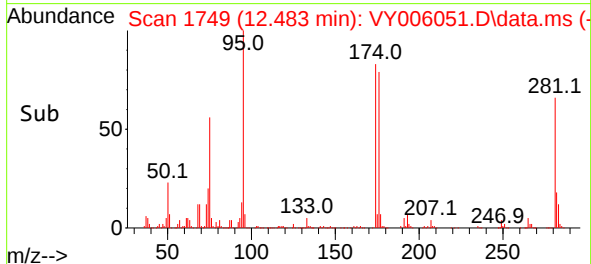
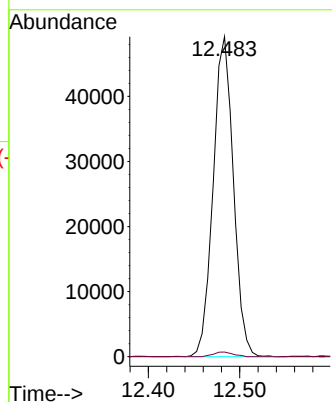
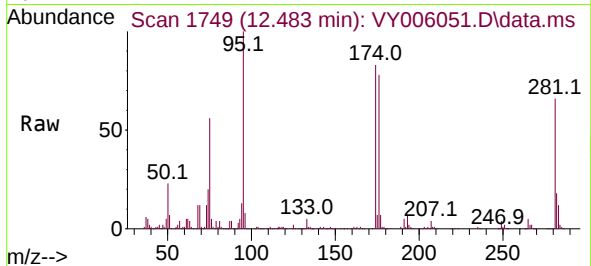




#76
1,2,3-Trichloropropane
Concen: 52.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 75630
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.284 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006051.D
Acq: 16 Sep 2021 16:28

Tgt Ion: 75 Resp: 75630
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

