

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006125.D
 Acq On : 23 Sep 2021 15:33
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 24 07:30:12 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)

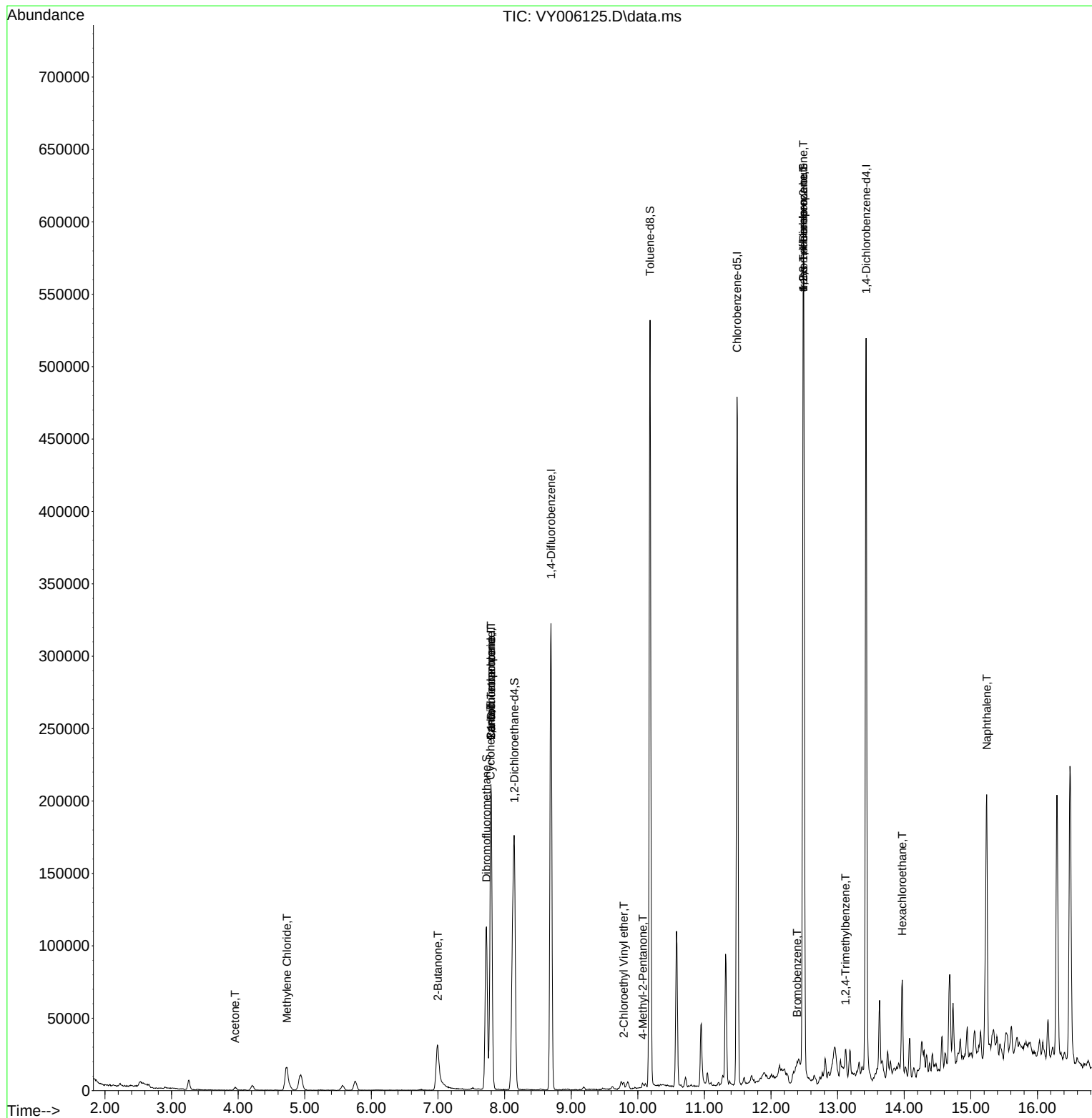
Internal Standards						
1) Pentafluorobenzene	7.795	168	163852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	261779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	105282	46.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.520%
35) Dibromofluoromethane	7.728	113	78140	48.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.185	98	332375	47.963	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.920%
62) 4-Bromofluorobenzene	12.483	95	117941	50.128	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	11538	Below Cal	#	77
16) Acetone	3.954	43	3635	5.823	ug/l	91
20) Methylene Chloride	4.734	84	11707	1.502	ug/l	84
25) 2-Butanone	6.996	43	2544	2.957	ug/l	# 86
31) Cyclohexane	7.789	56	3784	1.038	ug/l	# 23
36) 1,1-Dichloropropene	7.795	75	12669	4.484	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	15596	5.070	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.075	43	2502	1.291	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	1820	1.459	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	67218	51.673	ug/l	# 100
77) Bromobenzene	12.392	156	10094	4.528	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.483	75	67218	95.002	ug/l	# 8
84) 1,2,4-Trimethylbenzene	13.117	105	9002	1.145	ug/l	94
90) Hexachloroethane	13.970	117	1760	1.129	ug/l	# 6
95) Naphthalene	15.239	128	136112	27.923	ug/l	99

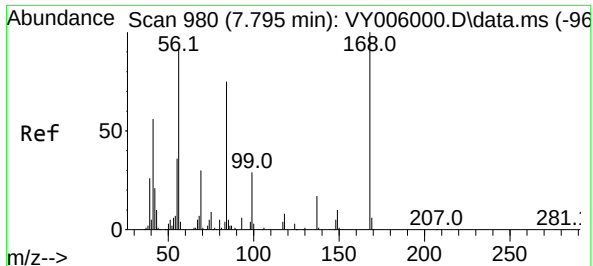
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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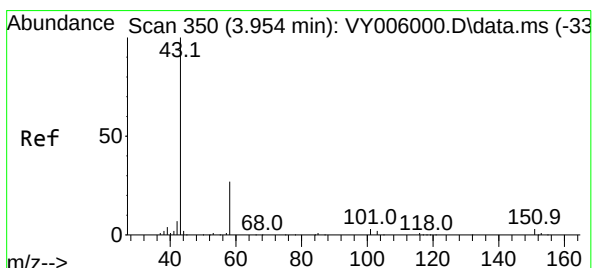
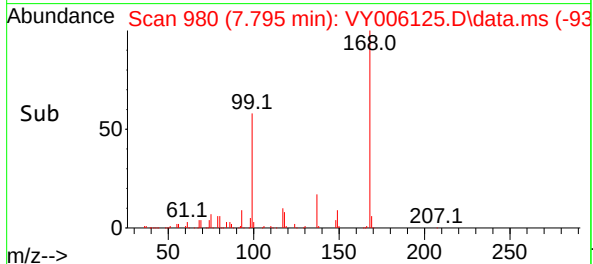
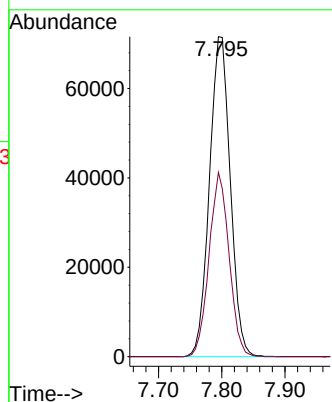
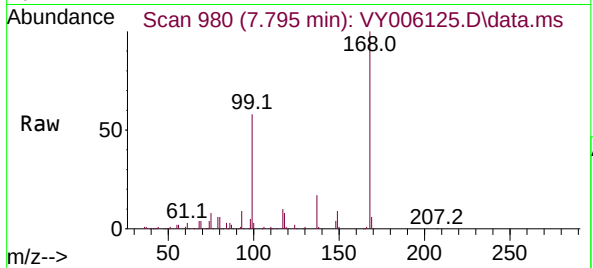




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

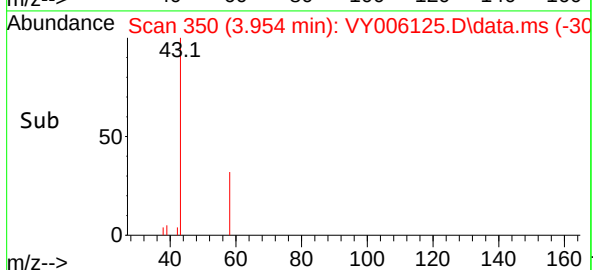
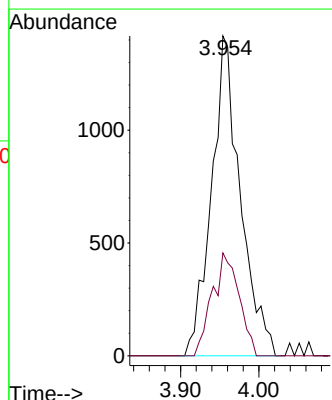
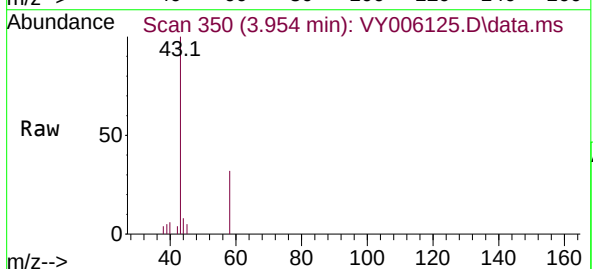
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

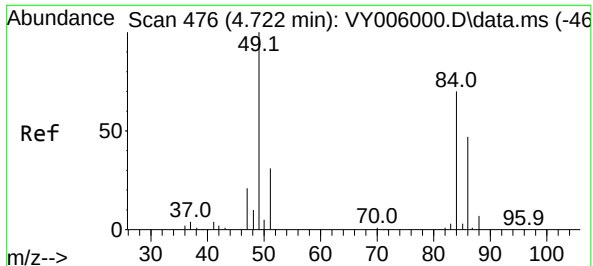
Tgt Ion:168 Resp: 163852
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#16
Acetone
Concen: 5.823 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion: 43 Resp: 3635
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0

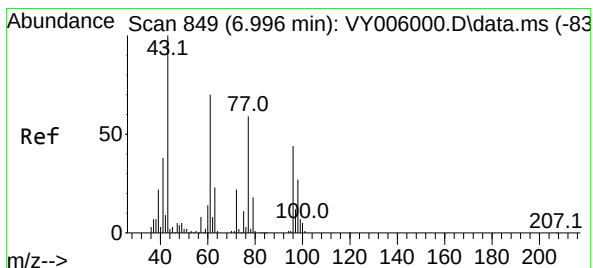
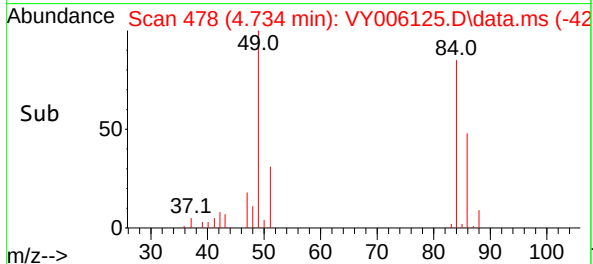
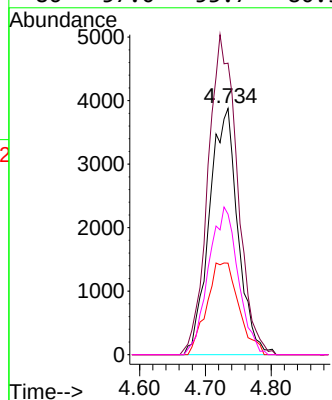
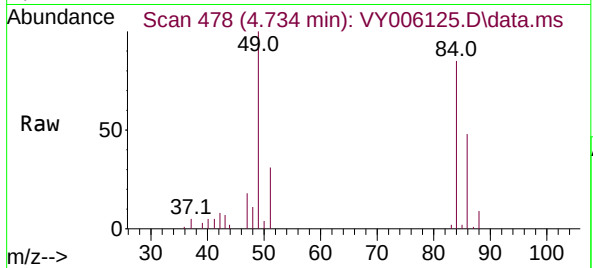




#20
Methylene Chloride
Concen: 1.502 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

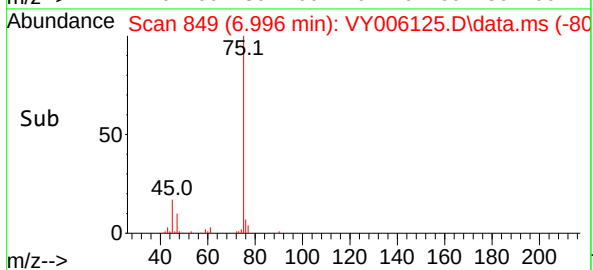
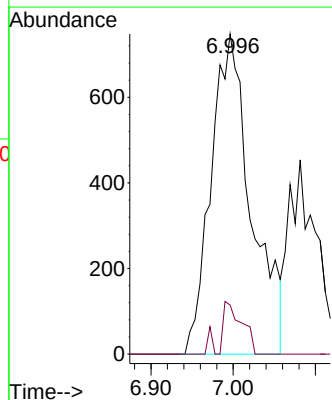
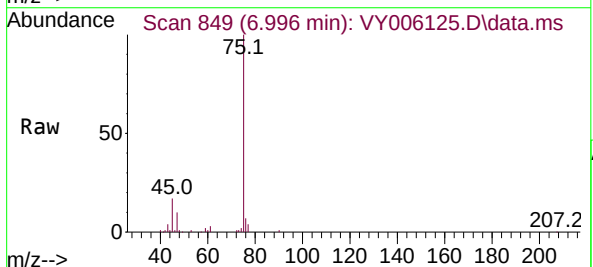
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

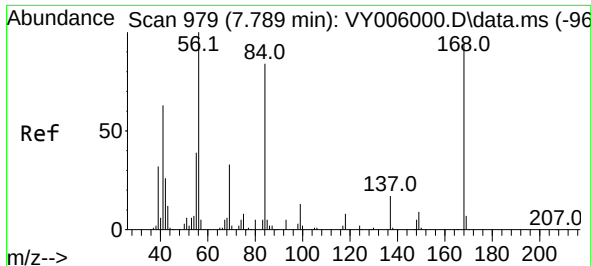
Tgt Ion:	84	Resp:	11707
Ion	Ratio	Lower	Upper
84	100		
49	118.3	114.4	171.6
51	37.2	35.3	52.9
86	57.0	53.7	80.5



#25
2-Butanone
Concen: 2.957 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion:	43	Resp:	2544
Ion	Ratio	Lower	Upper
43	100		
72	15.4	17.7	26.5#

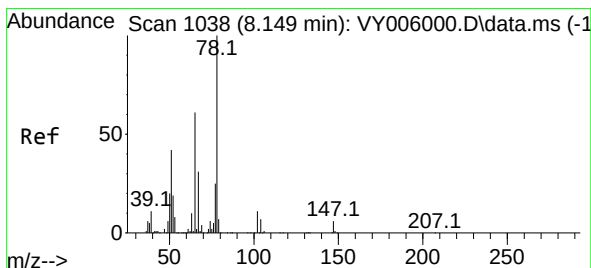
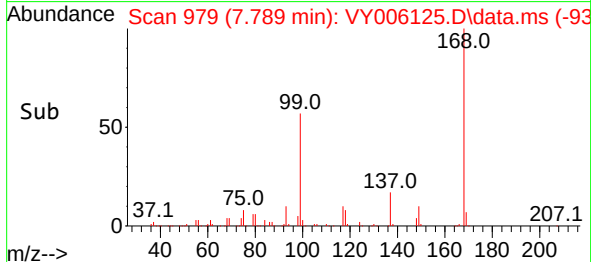
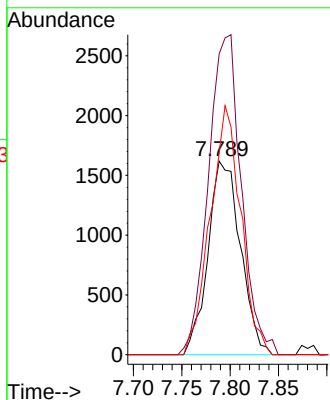
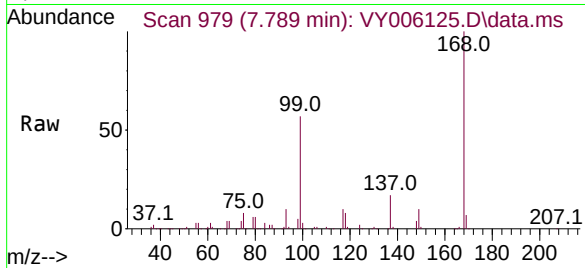




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

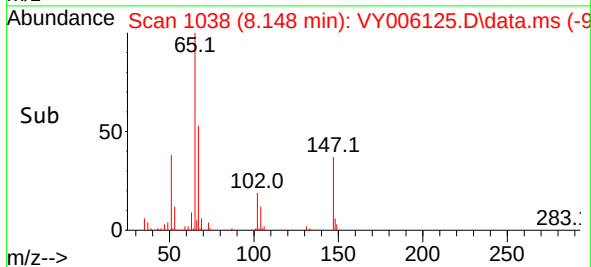
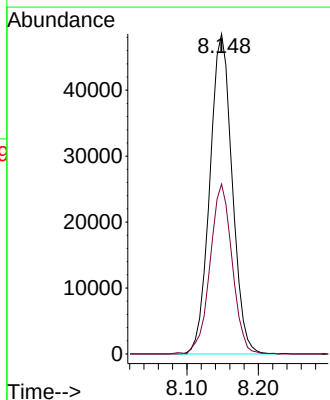
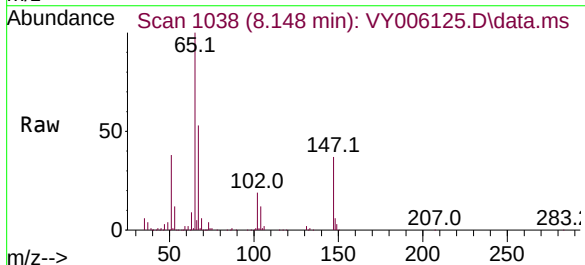
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

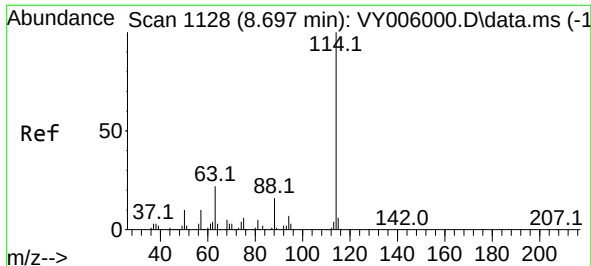
Tgt Ion: 56 Resp: 3784
Ion Ratio Lower Upper
56 100
69 155.4 26.7 40.1#
84 104.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 46.257 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion: 65 Resp: 105282
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

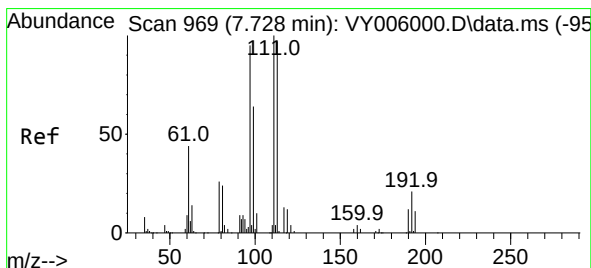
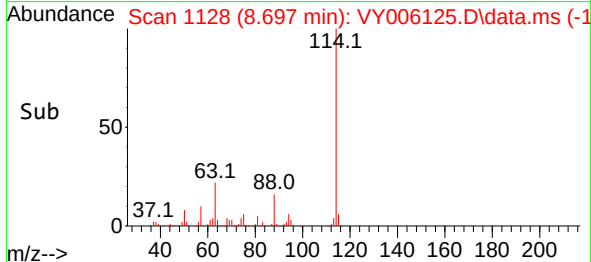
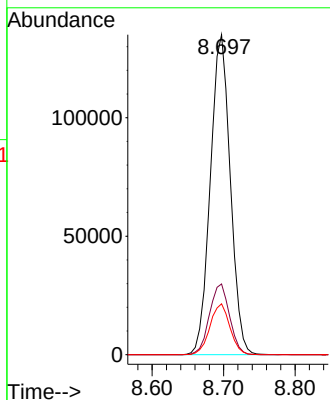
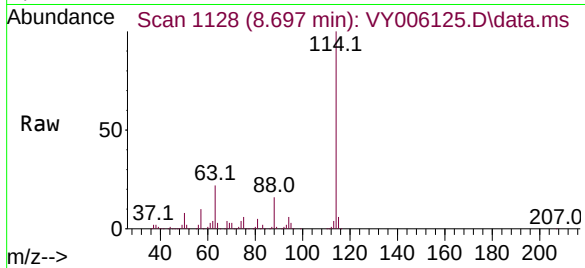




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

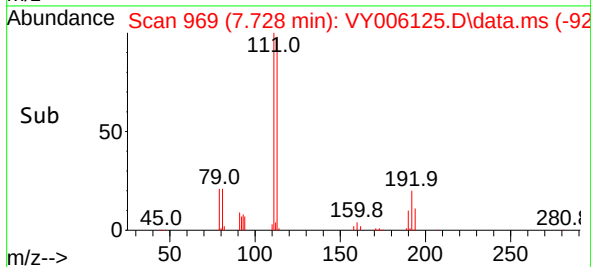
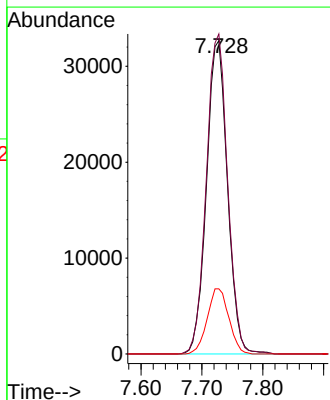
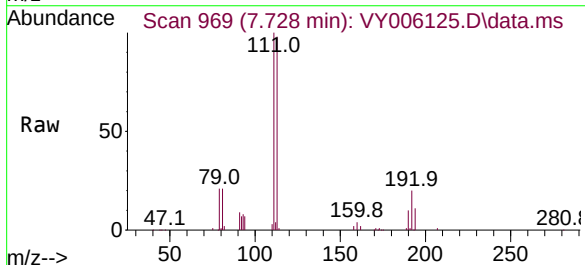
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

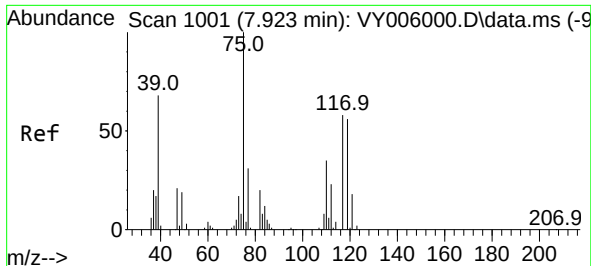
Tgt Ion:	114	Resp:	261779
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.058 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion:	113	Resp:	78140
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	21.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.484 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006125.D

Acq: 23 Sep 2021 15:33

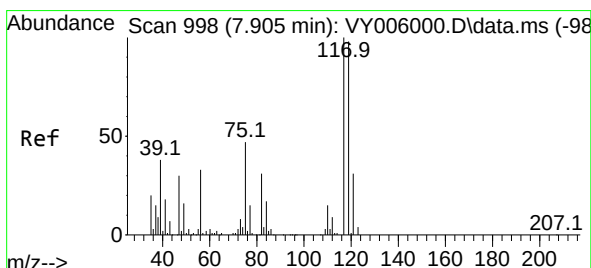
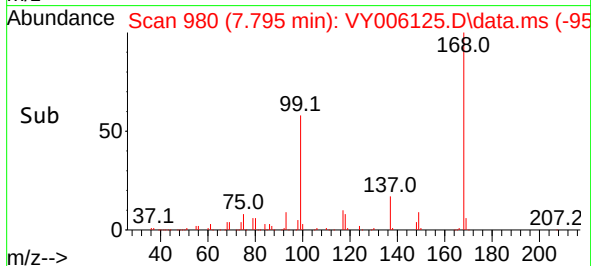
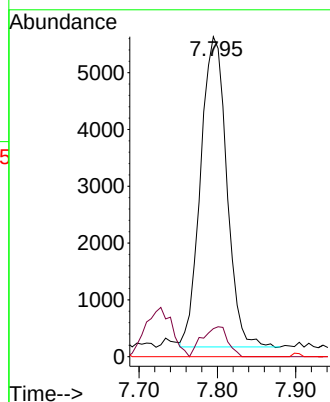
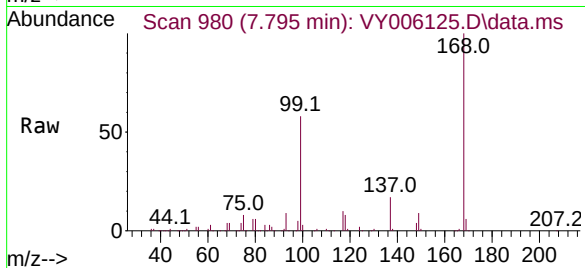
Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:	75	Resp:	12669
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.070 ug/l

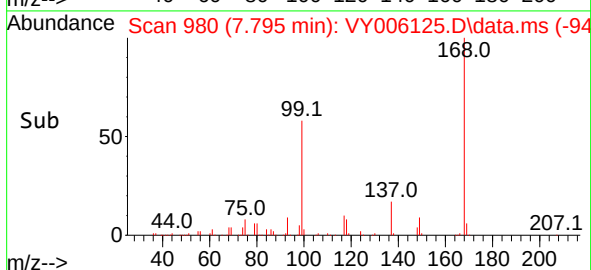
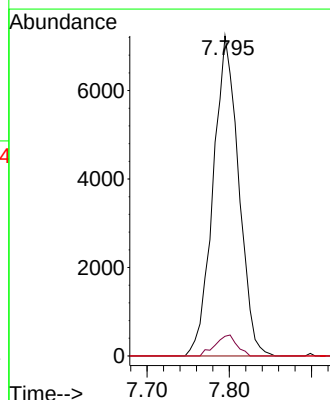
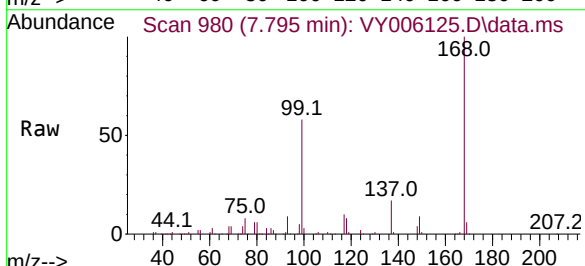
RT: 7.795 min Scan# 980

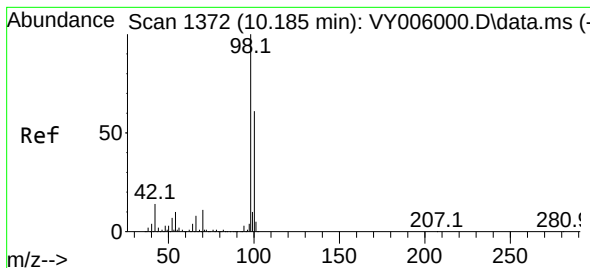
Delta R.T. -0.110 min

Lab File: VY006125.D

Acq: 23 Sep 2021 15:33

Tgt Ion:	117	Resp:	15596
Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.9	116.9#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 47.963 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY006125.D

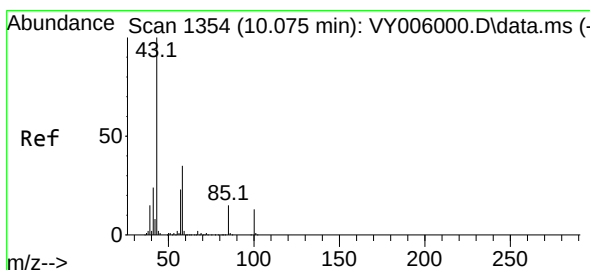
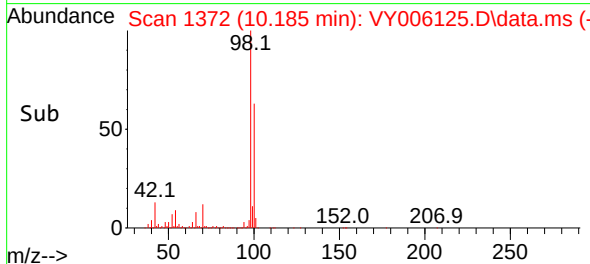
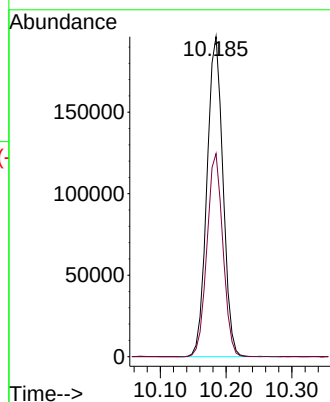
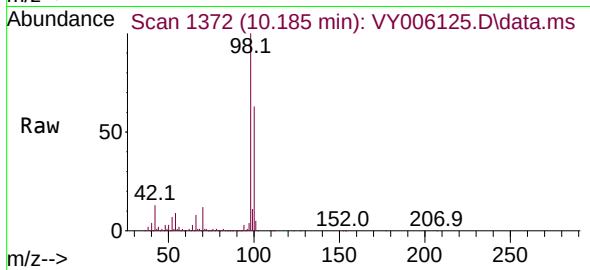
Acq: 23 Sep 2021 15:33

Tgt Ion: 98 Resp: 332375

Ion Ratio Lower Upper

98 100

100 63.2 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 1.291 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.000 min

Lab File: VY006125.D

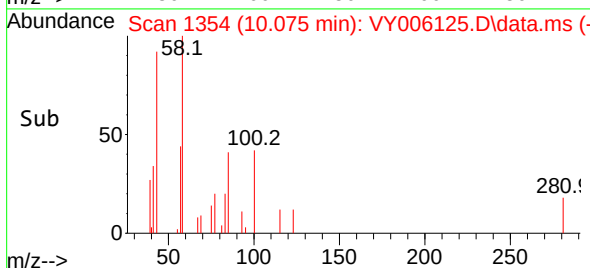
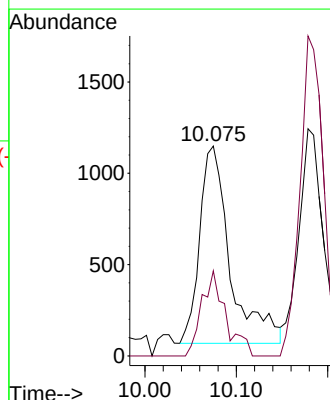
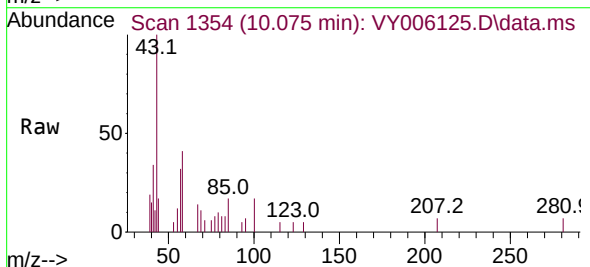
Acq: 23 Sep 2021 15:33

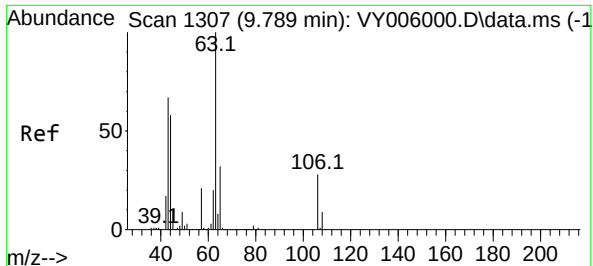
Tgt Ion: 43 Resp: 2502

Ion Ratio Lower Upper

43 100

58 33.8 28.1 42.1

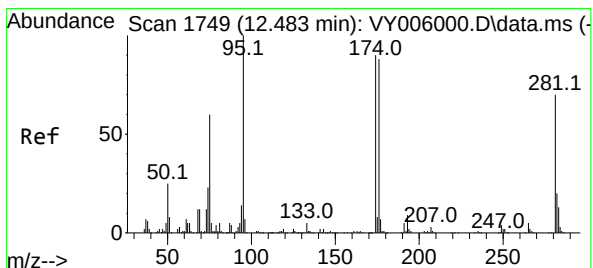
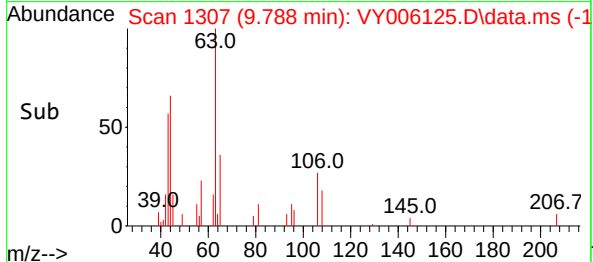
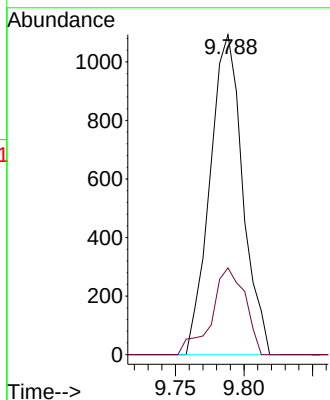
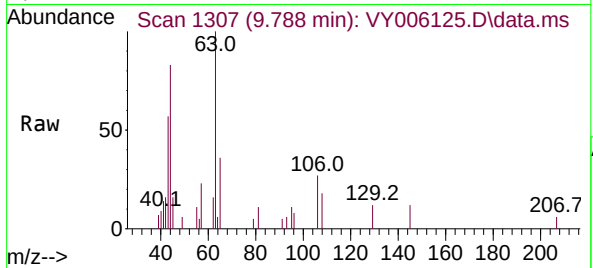




#58
2-Chloroethyl Vinyl ether
Concen: 1.459 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

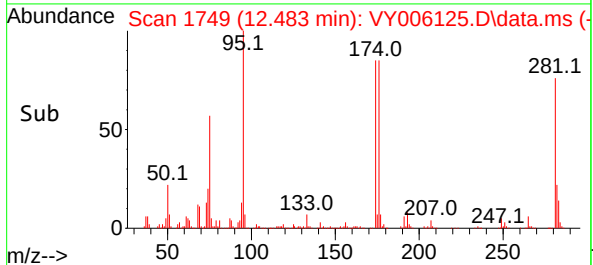
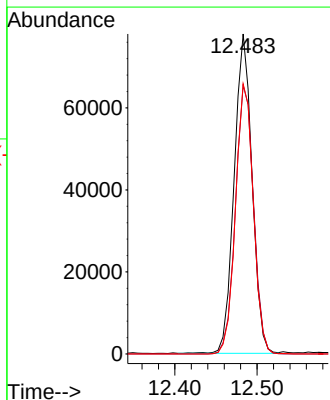
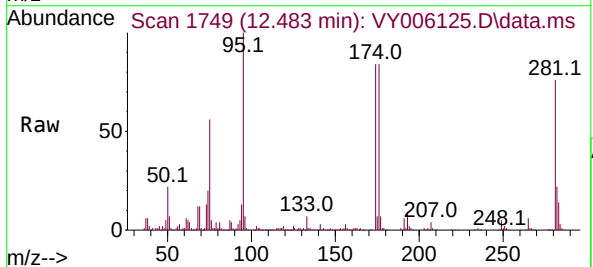
Instrument :
MSVOA_Y
ClientSampleId :
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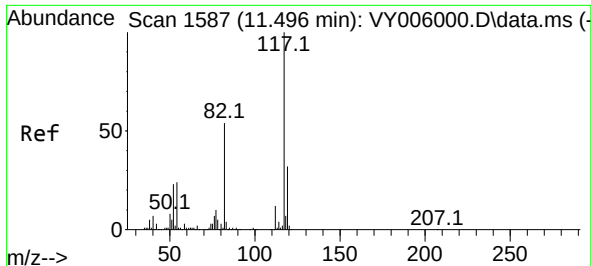
Tgt Ion: 63 Resp: 1820
Ion Ratio Lower Upper
63 100
106 27.7 21.5 32.3



#62
4-Bromofluorobenzene
Concen: 50.128 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion: 95 Resp: 117941
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 84.2 0.0 175.8

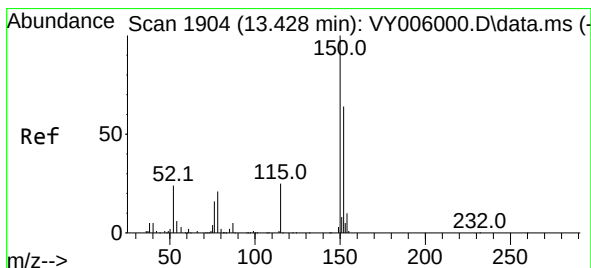
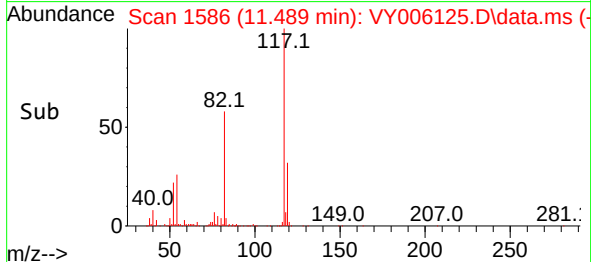
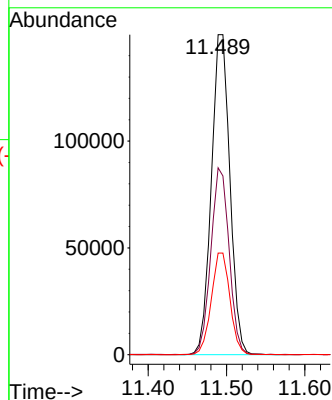
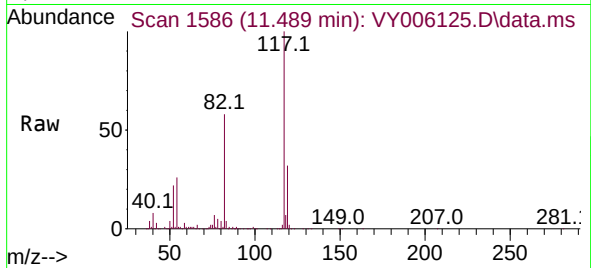




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

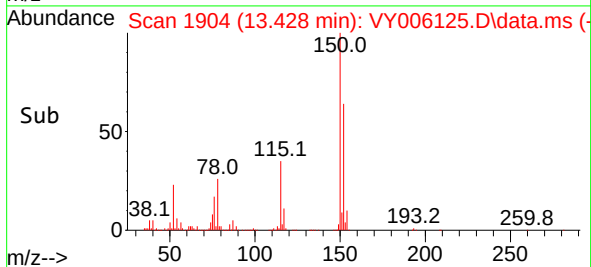
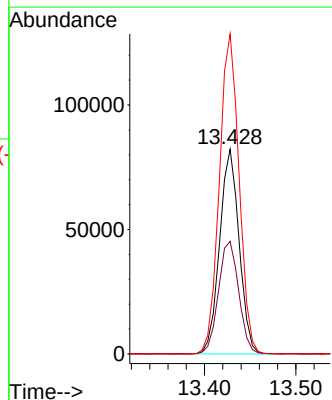
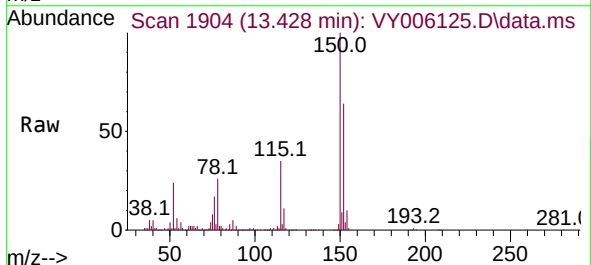
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

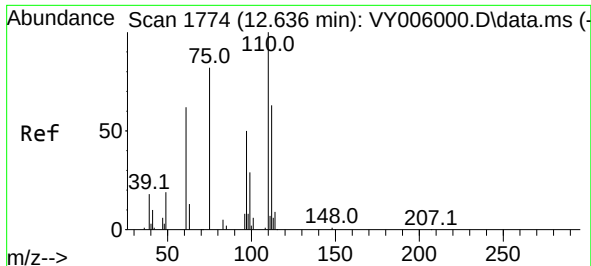
Tgt Ion:	117	Resp:	246507
Ion Ratio	Lower	Upper	
117	100		
82	58.3	43.0	64.4
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion:	152	Resp:	122007
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.2	84.7
150	157.9	0.0	347.6

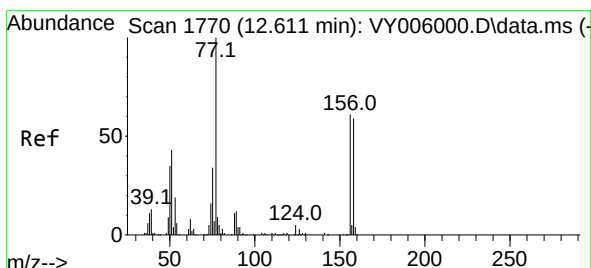
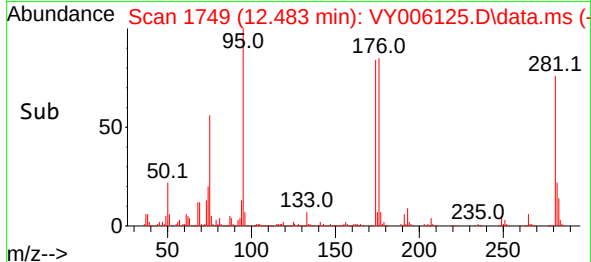
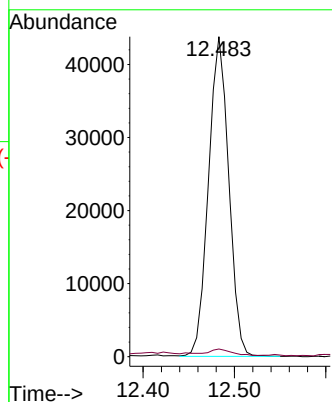
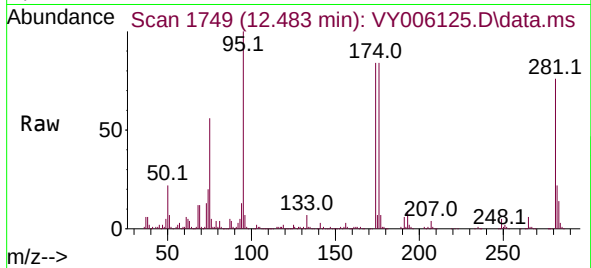




#76
1,2,3-Trichloropropane
Concen: 51.673 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

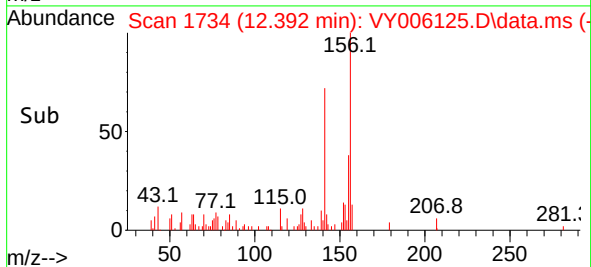
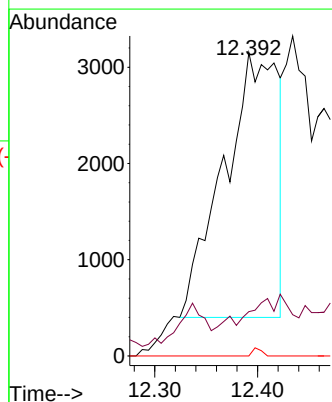
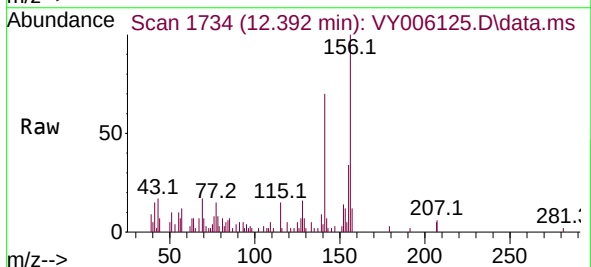
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

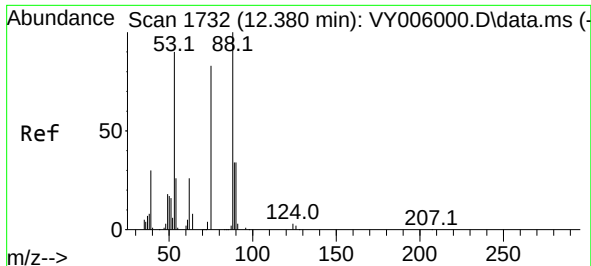
Tgt Ion: 75 Resp: 67218
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#77
Bromobenzene
Concen: 4.528 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.220 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion:156 Resp: 10094
Ion Ratio Lower Upper
156 100
77 3.8 95.5 286.4#
158 0.5 48.0 144.0#

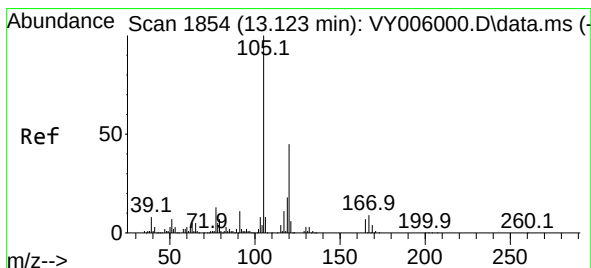
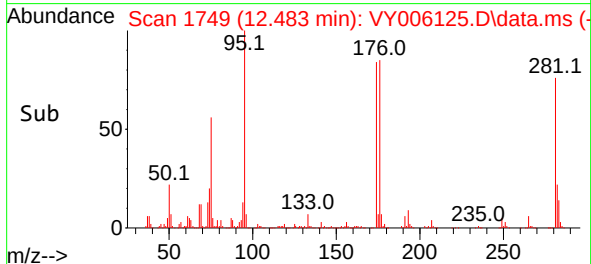
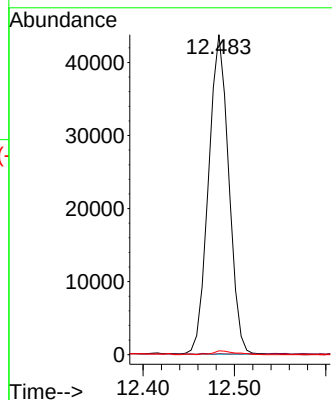
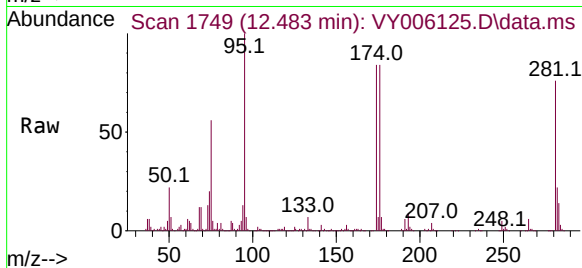




#81
trans-1,4-Dichloro-2-butene
Concen: 95.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

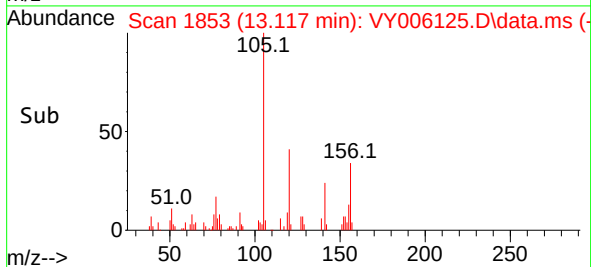
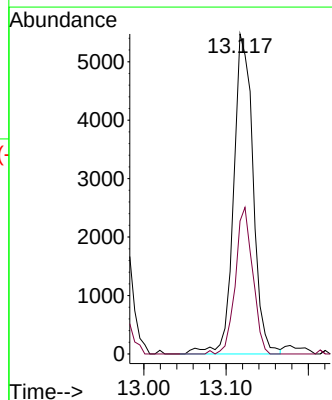
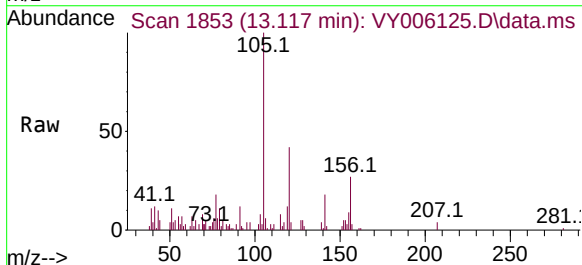
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

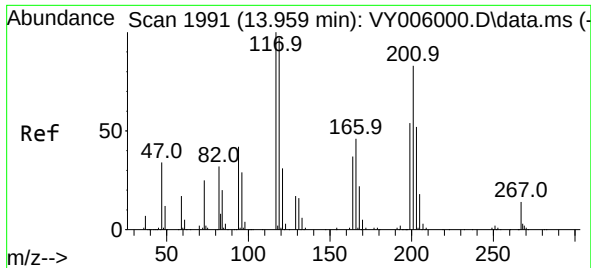
Tgt Ion: 75 Resp: 67218
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.3 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.145 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion: 105 Resp: 9002
Ion Ratio Lower Upper
105 100
120 40.9 22.3 66.9

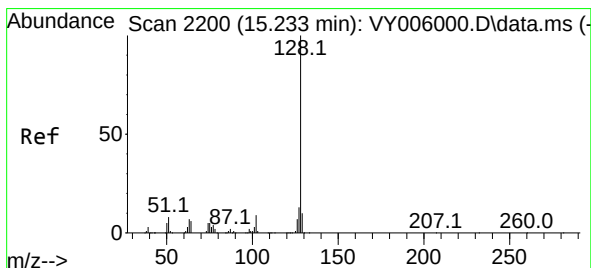
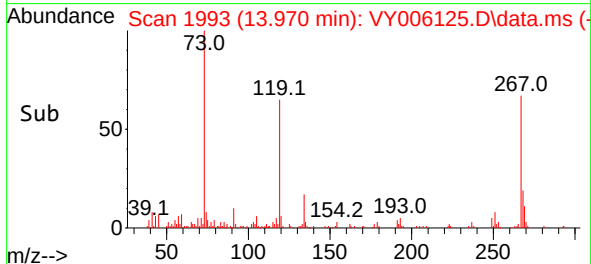
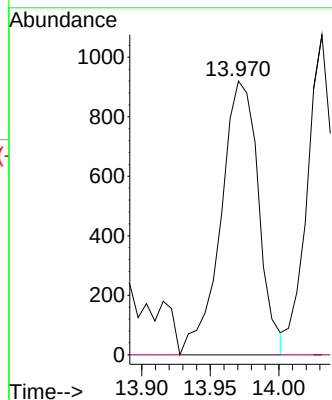
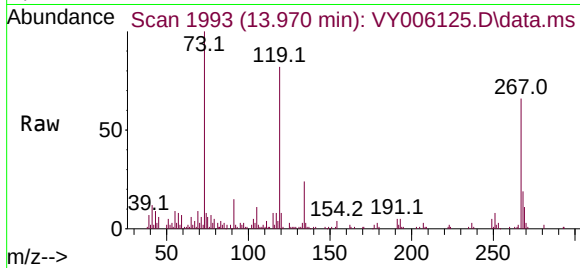




#90
Hexachloroethane
Concen: 1.129 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1760
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#95
Naphthalene
Concen: 27.923 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006125.D
Acq: 23 Sep 2021 15:33

Tgt Ion:128 Resp: 136112
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.2 8.4 12.6

