

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004696.D
 Acq On : 03 May 2021 16:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 01:14:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

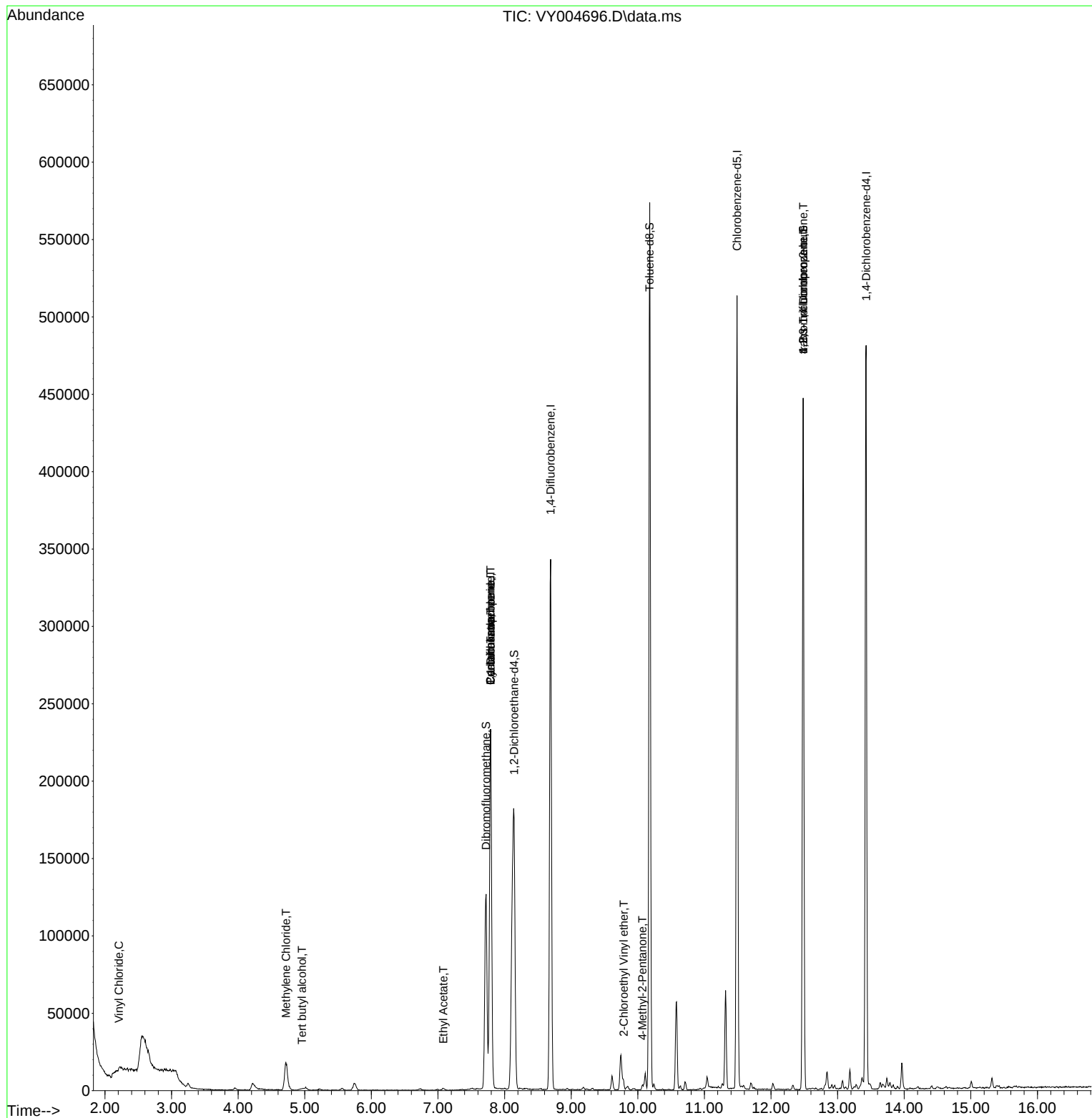
Internal Standards						
1) Pentafluorobenzene	7.789	168	172261	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	282248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110619	57.80	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.60%
35) Dibromofluoromethane	7.722	113	86084	54.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.92%
50) Toluene-d8	10.179	98	347142	52.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.20%
62) 4-Bromofluorobenzene	12.483	95	116018	51.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.62%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.211	62	4291	1.76	ug/l #	43
11) Tert butyl alcohol	4.960	59	2199	11.66	ug/l #	79
16) Acetone	3.954	43	2217	Below Cal	#	82
20) Methylene Chloride	4.716	84	12481	6.75	ug/l	95
31) Cyclohexane	7.789	56	4573	1.30	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	15081	5.38	ug/l #	51
37) Ethyl Acetate	7.082	43	2107	1.17	ug/l	97
38) Carbon Tetrachloride	7.789	117	17671	7.29	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	2484	1.41	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.788	63	2543	2.25	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	64358	50.52	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64358	90.38	ug/l #	12

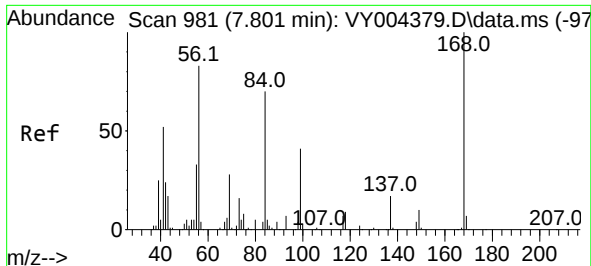
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
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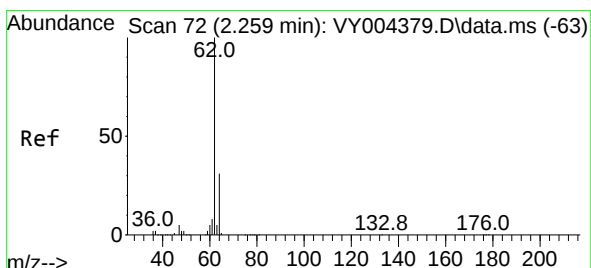
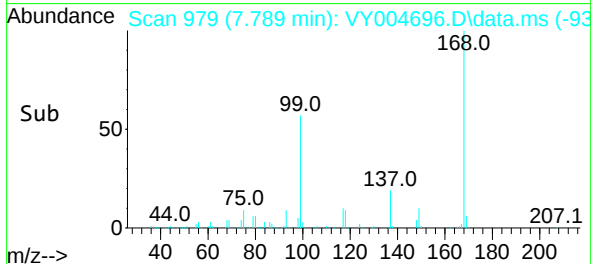
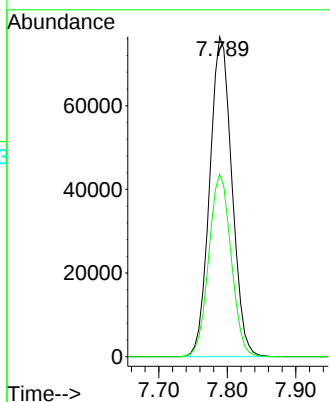
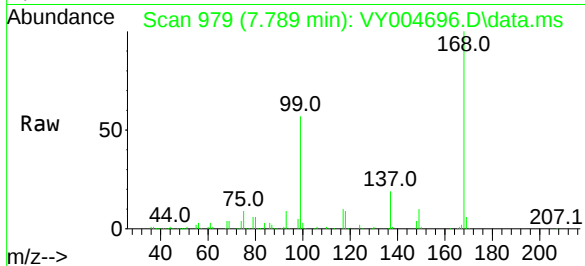




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

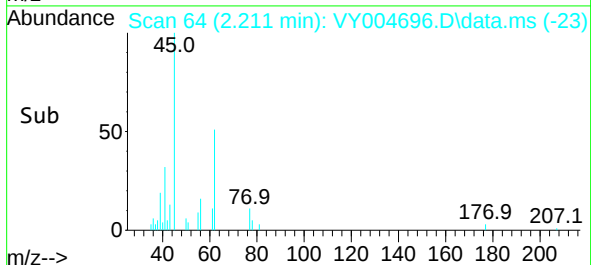
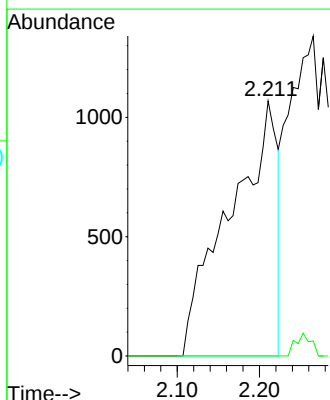
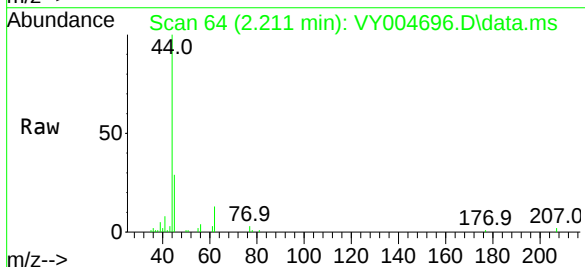
Instrument :
MSVOA_Y
ClientSampled :

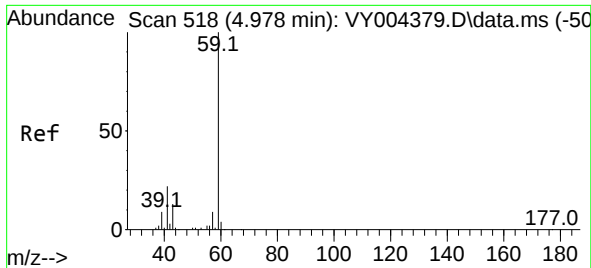
Tgt Ion:168 Resp: 172261
Ion Ratio Lower Upper
168 100
99 57.1 45.5 68.3



#4
Vinyl Chloride
Concen: 1.76 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.049 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Tgt Ion: 62 Resp: 4291
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



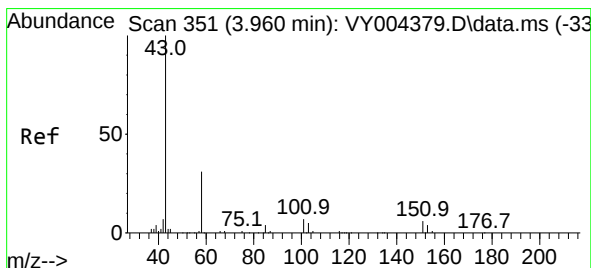
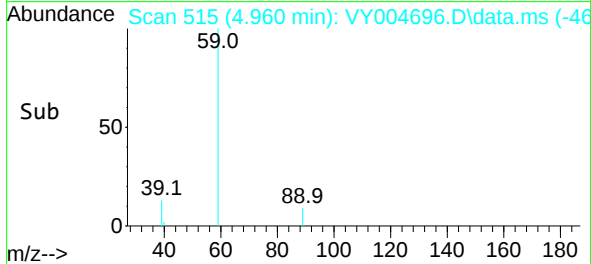
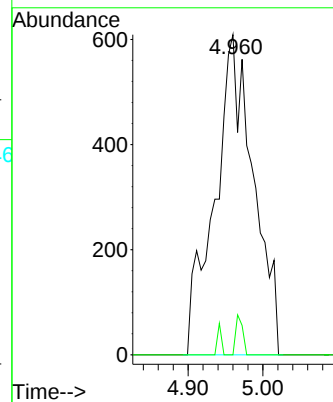
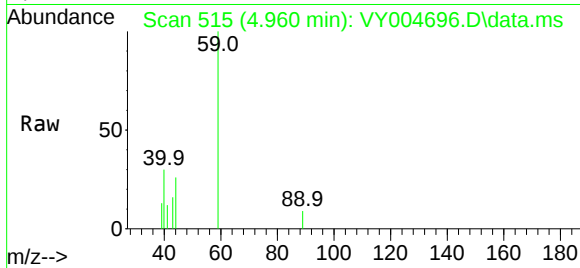


#11

Tert butyl alcohol
Concen: 11.66 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Instrument :
MSVOA_Y
ClientSampled :

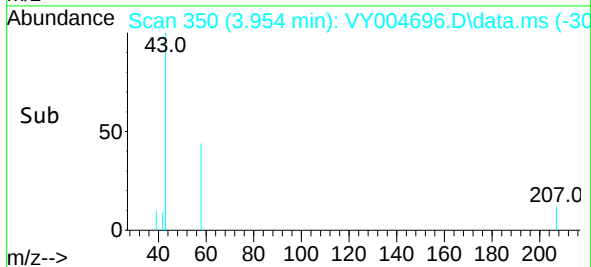
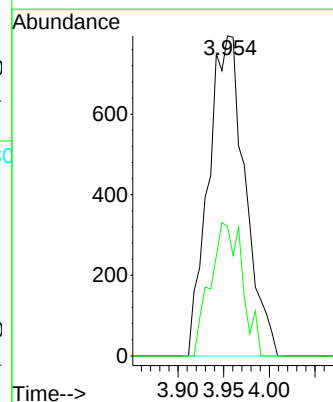
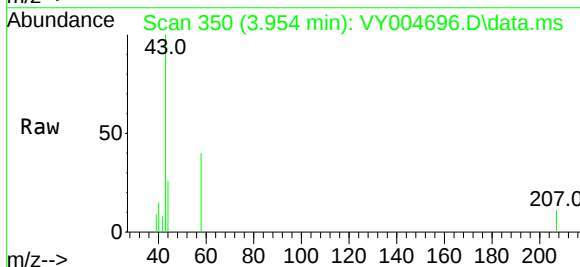
Tgt Ion: 59 Resp: 2199
Ion Ratio Lower Upper
59 100
57 2.2 8.1 12.1#

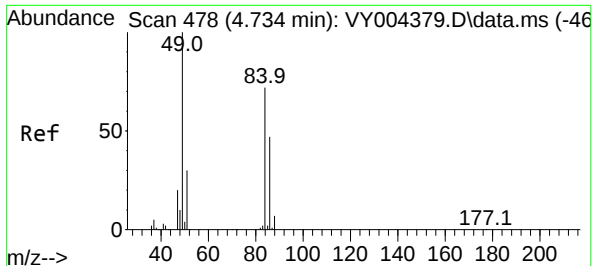


#16

Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Tgt Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
58 40.4 24.6 37.0#





#20

Methylene Chloride

Concen: 6.75 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.018 min

Lab File: VY004696.D

Acq: 03 May 2021 16:53

Tgt Ion: 84 Resp: 12481

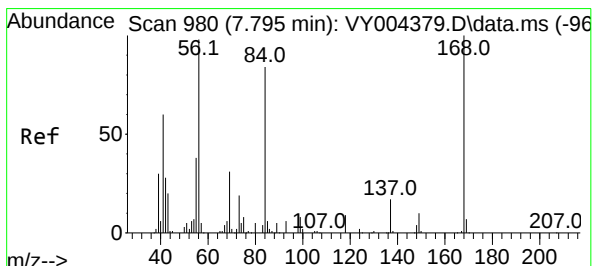
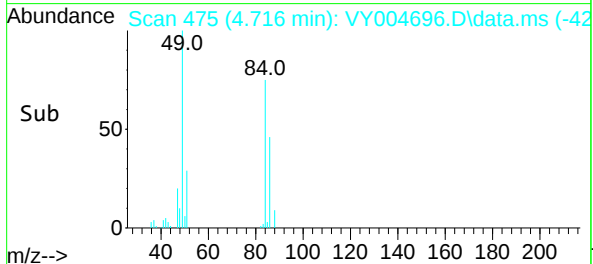
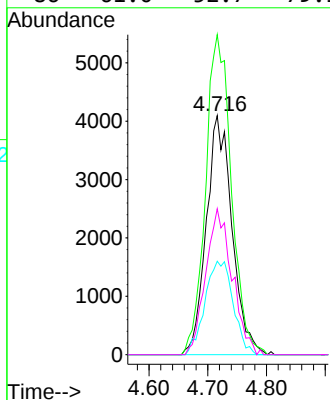
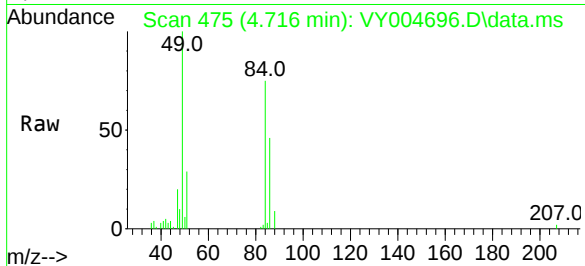
Ion Ratio Lower Upper

84 100

49 133.8 111.2 166.8

51 39.1 33.4 50.2

86 61.0 52.7 79.1



#31

Cyclohexane

Concen: 1.30 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY004696.D

Acq: 03 May 2021 16:53

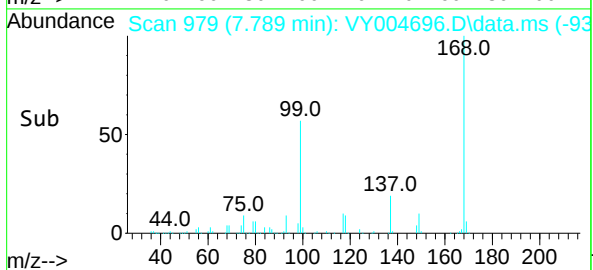
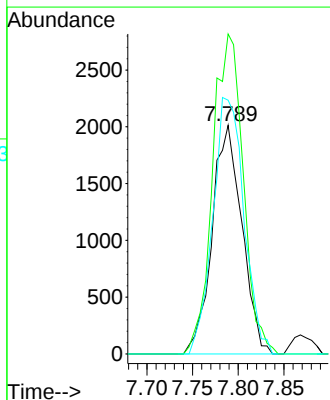
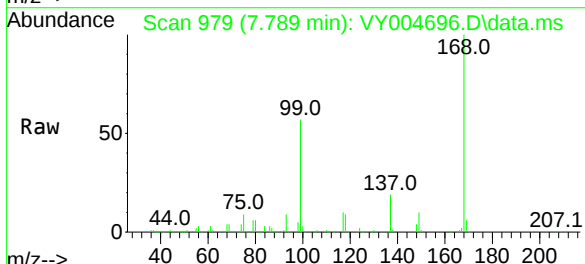
Tgt Ion: 56 Resp: 4573

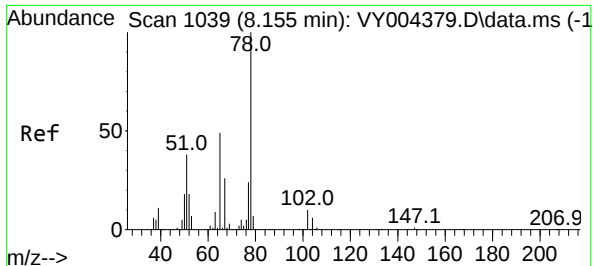
Ion Ratio Lower Upper

56 100

69 140.0 25.8 38.6#

84 111.0 68.2 102.4#

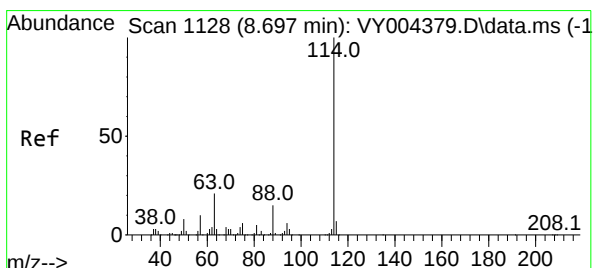
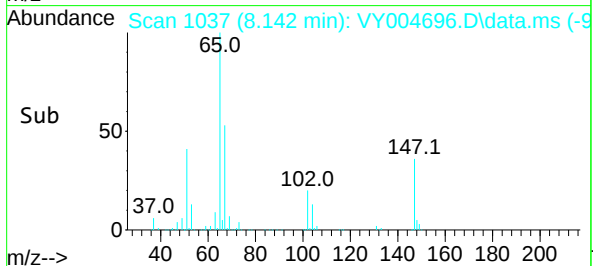
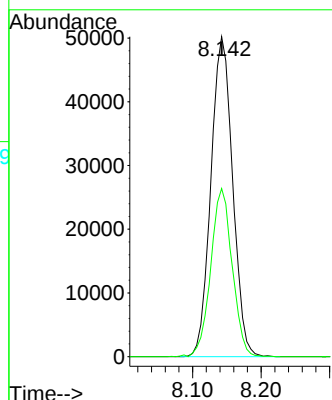
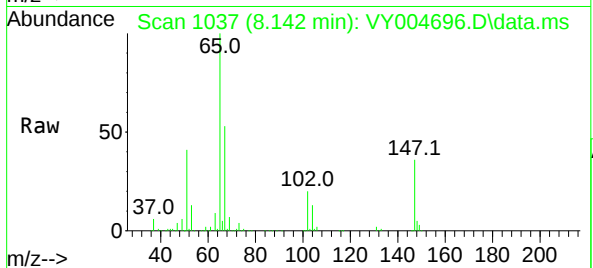




#33
1,2-Dichloroethane-d4
Concen: 57.80 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

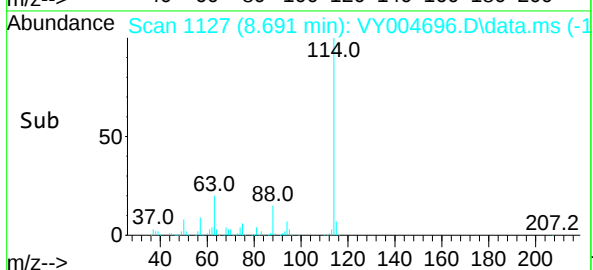
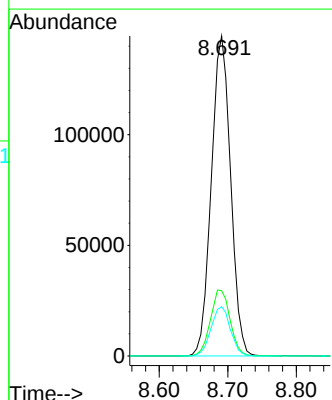
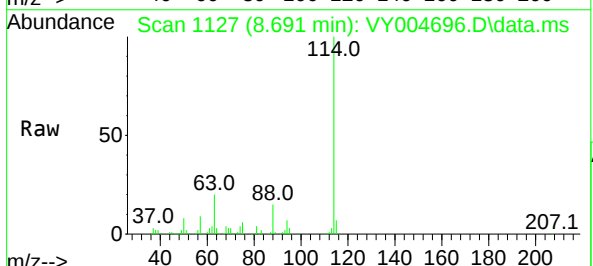
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 110619
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Tgt Ion: 114 Resp: 282248
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 15.4 0.0 30.8

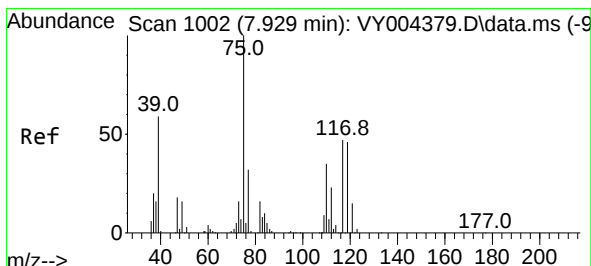
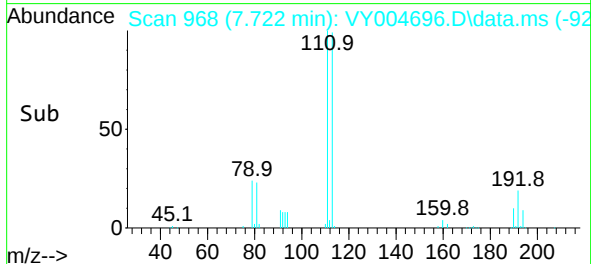
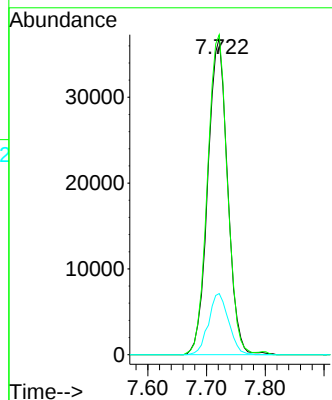
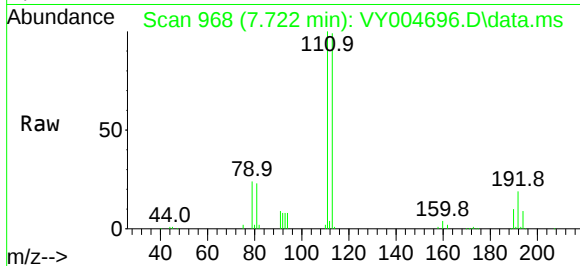




#35
Dibromofluoromethane
Concen: 54.96 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

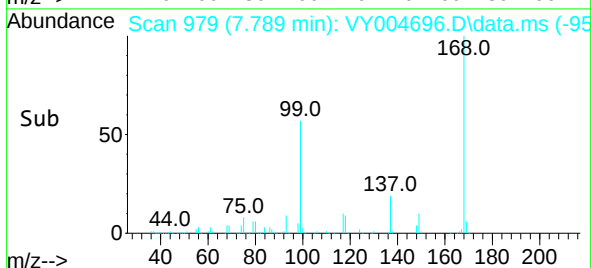
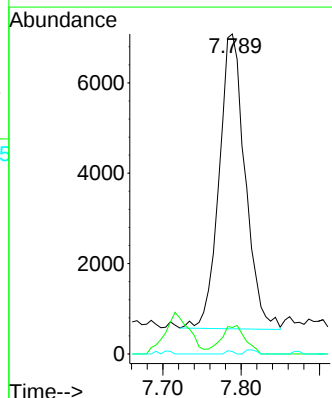
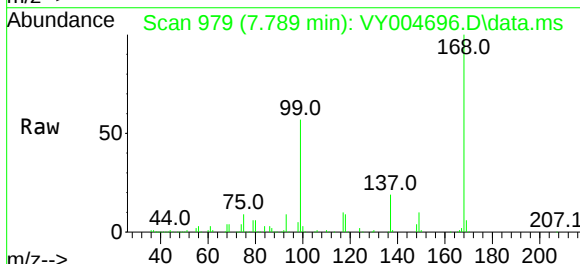
Instrument :
MSVOA_Y
ClientSampled :

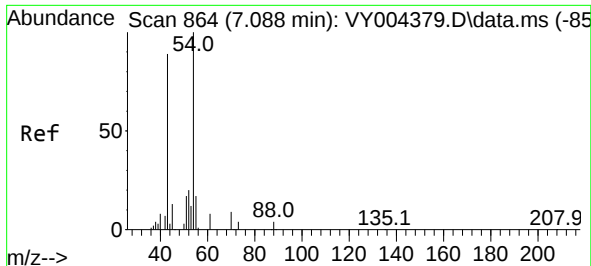
Tgt Ion:113 Resp: 86084
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.38 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Tgt Ion: 75 Resp: 15081
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.7#
77 0.3 24.3 36.5#





#37

Ethyl Acetate

Concen: 1.17 ug/l

RT: 7.082 min Scan# 863

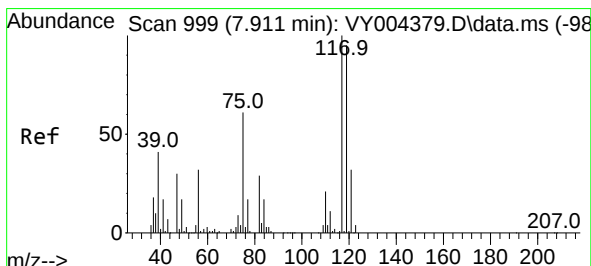
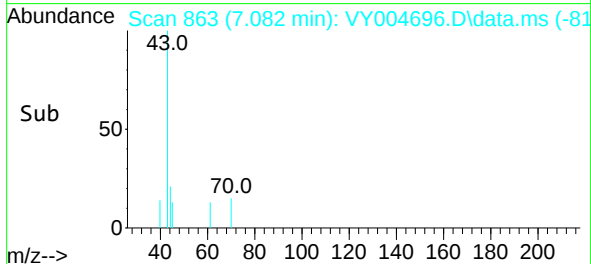
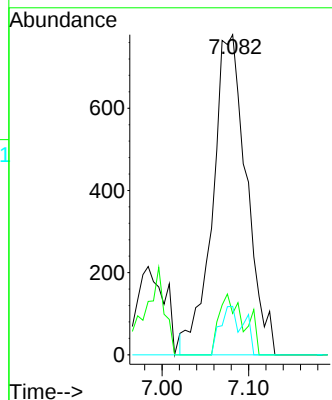
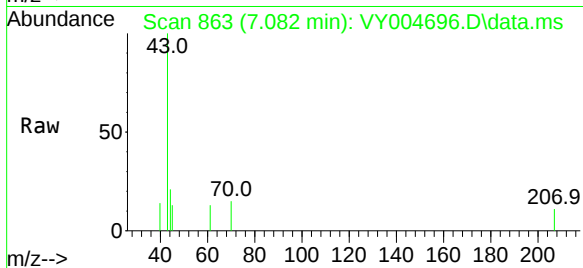
Delta R.T. -0.006 min

Lab File: VY004696.D

Acq: 03 May 2021 16:53

Tgt Ion:	43	Resp:	2107
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	10.4	7.5	11.3

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 7.29 ug/l

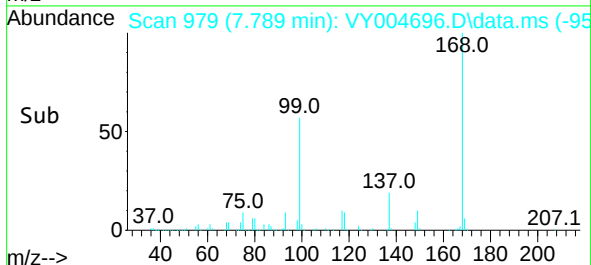
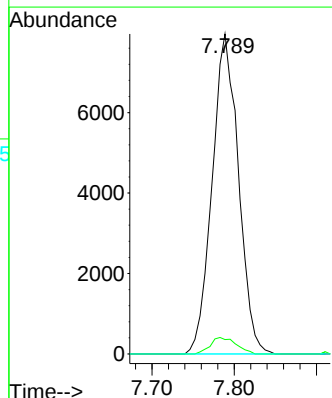
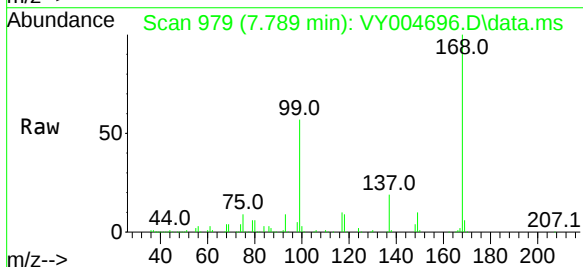
RT: 7.789 min Scan# 979

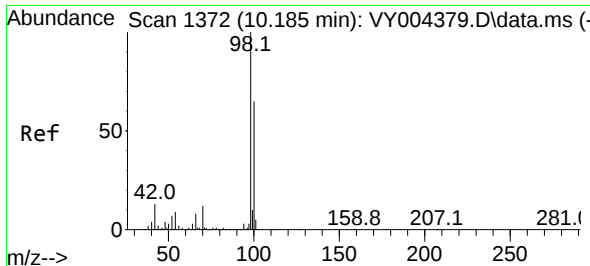
Delta R.T. -0.122 min

Lab File: VY004696.D

Acq: 03 May 2021 16:53

Tgt Ion:	117	Resp:	17671
Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.8	113.8#
121	0.0	25.3	37.9#

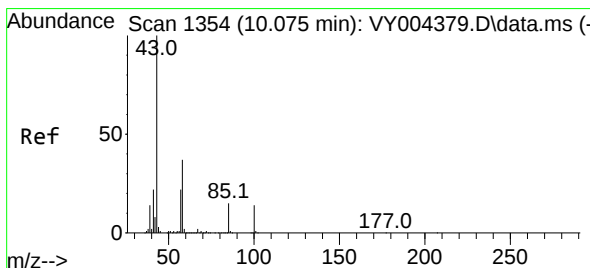
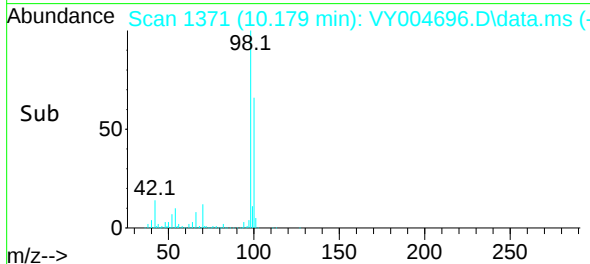
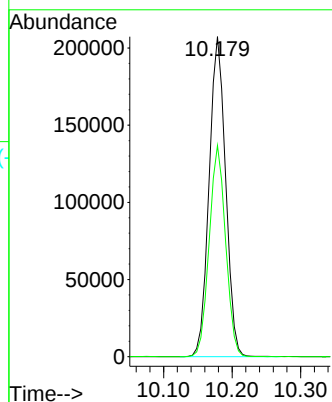
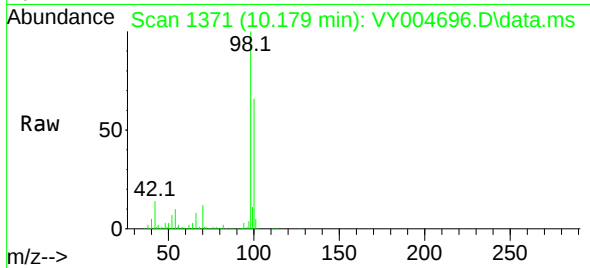




#50
Toluene-d8
Concen: 52.10 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

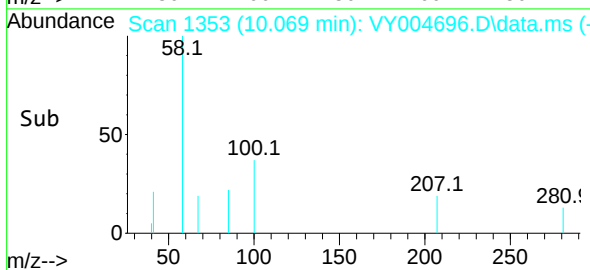
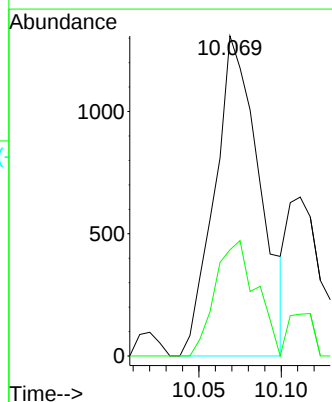
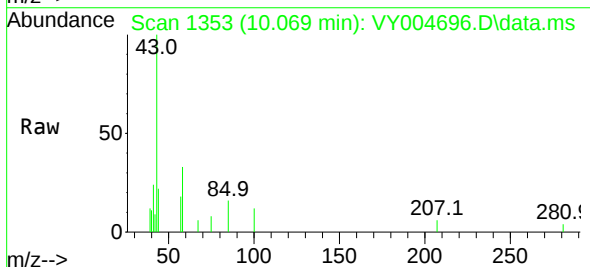
Instrument :
MSVOA_Y
ClientSampled :

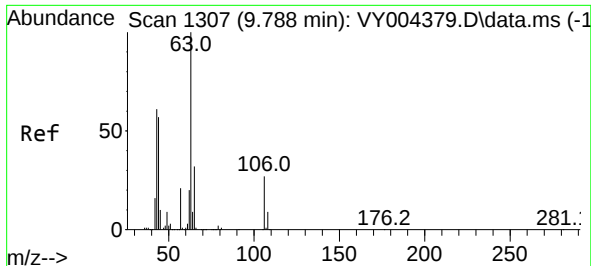
Tgt Ion: 98 Resp: 347142
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.41 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Tgt Ion: 43 Resp: 2484
Ion Ratio Lower Upper
43 100
58 32.9 29.2 43.8

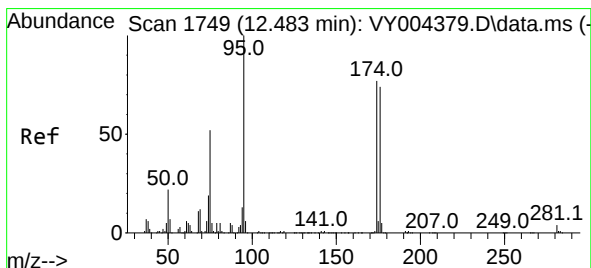
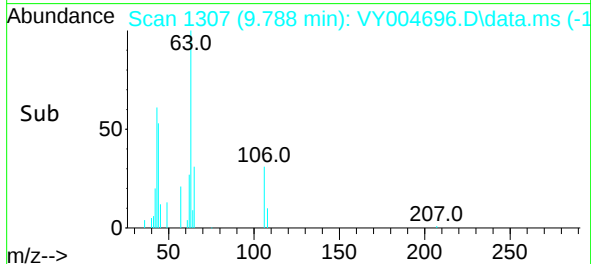
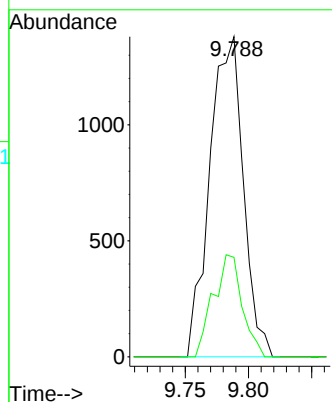
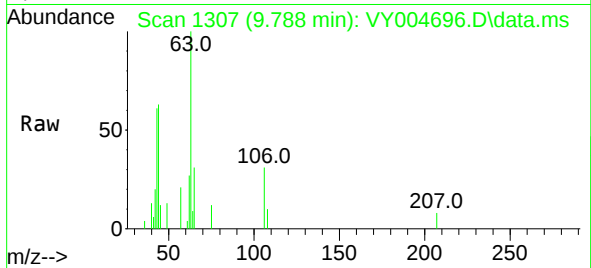




#58
2-Chloroethyl Vinyl ether
Concen: 2.25 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

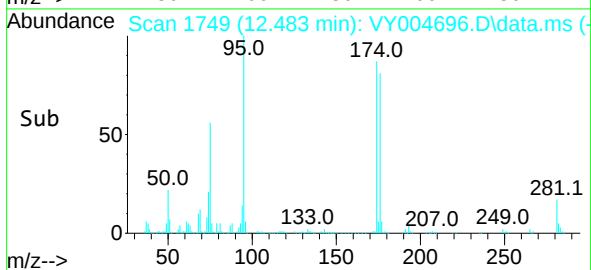
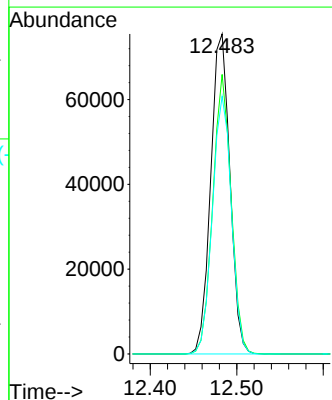
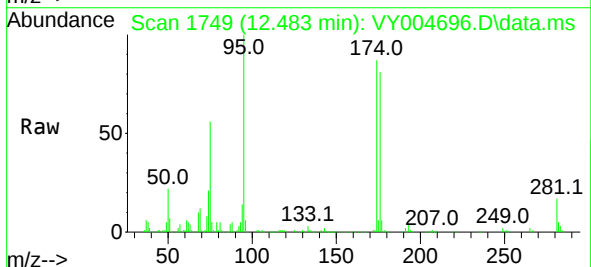
Instrument :
MSVOA_Y
ClientSampled :

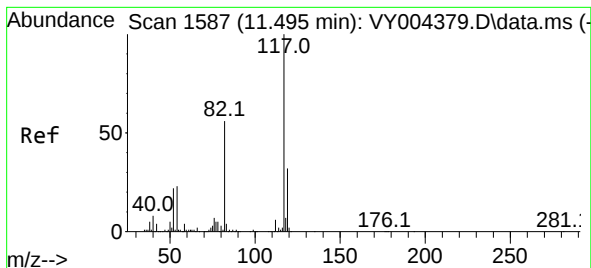
Tgt Ion: 63 Resp: 2543
Ion Ratio Lower Upper
63 100
106 27.4 21.7 32.5



#62
4-Bromofluorobenzene
Concen: 51.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Tgt Ion: 95 Resp: 116018
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 80.0 0.0 156.0

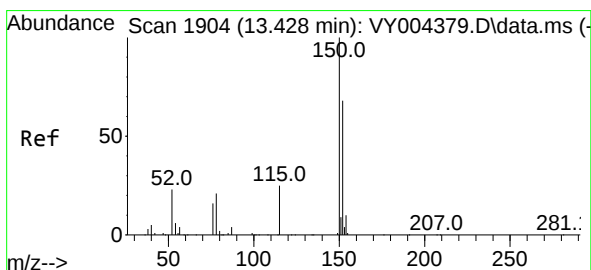
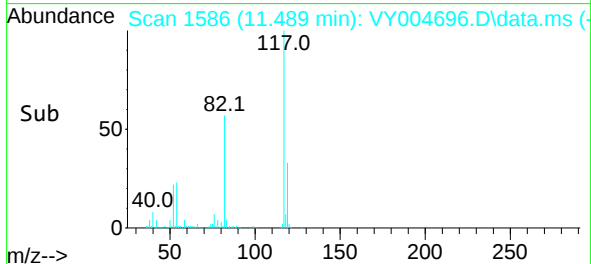
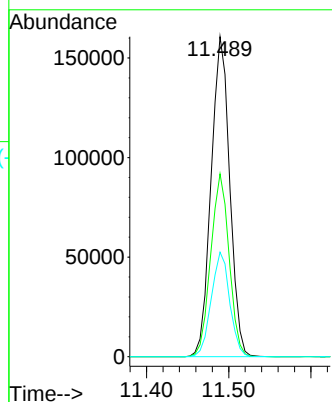
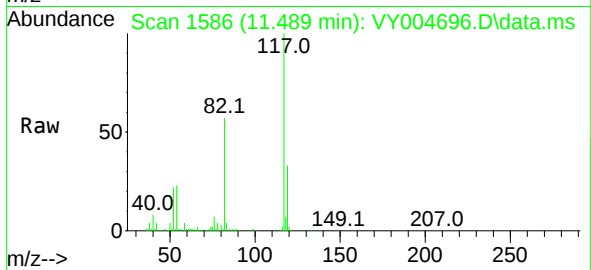




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

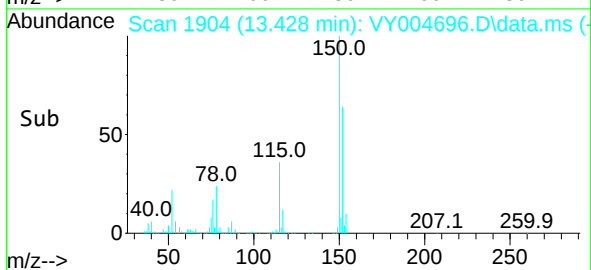
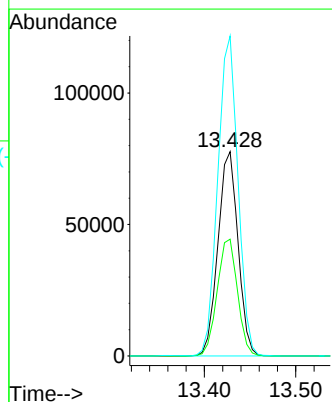
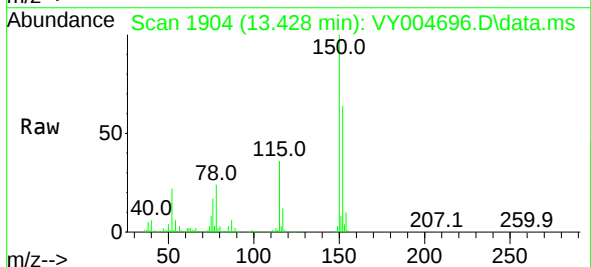
Instrument :
MSVOA_Y
ClientSampleId :

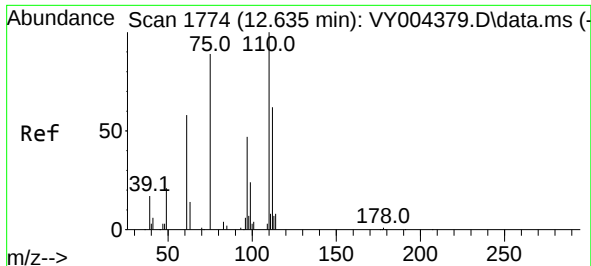
Tgt Ion:117 Resp: 252672
Ion Ratio Lower Upper
117 100
82 57.1 44.9 67.3
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Tgt Ion:152 Resp: 118694
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.8
150 157.4 0.0 348.4

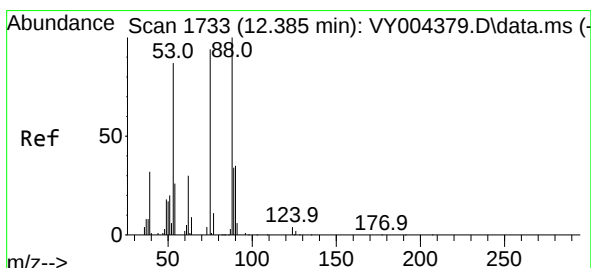
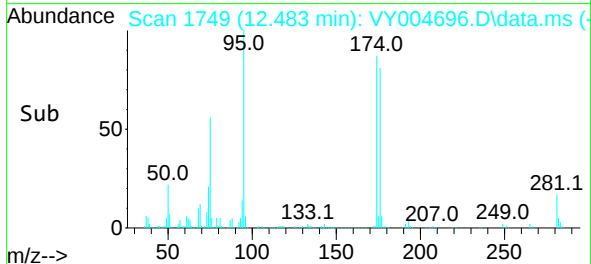
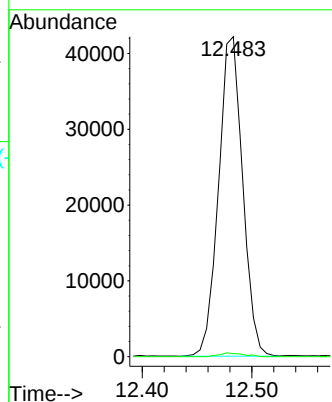
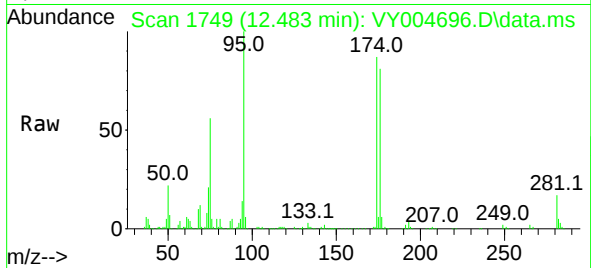




#76
1,2,3-Trichloropropane
Concen: 50.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 64358
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004696.D
Acq: 03 May 2021 16:53

Tgt Ion: 75 Resp: 64358
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.5 36.1 54.1#

