

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\
 Data File : VY003178.D
 Acq On : 13 Jul 2020 11:26
 Operator : SY/MD
 Sample : VY0713SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBL01

Quant Time: Jul 14 03:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

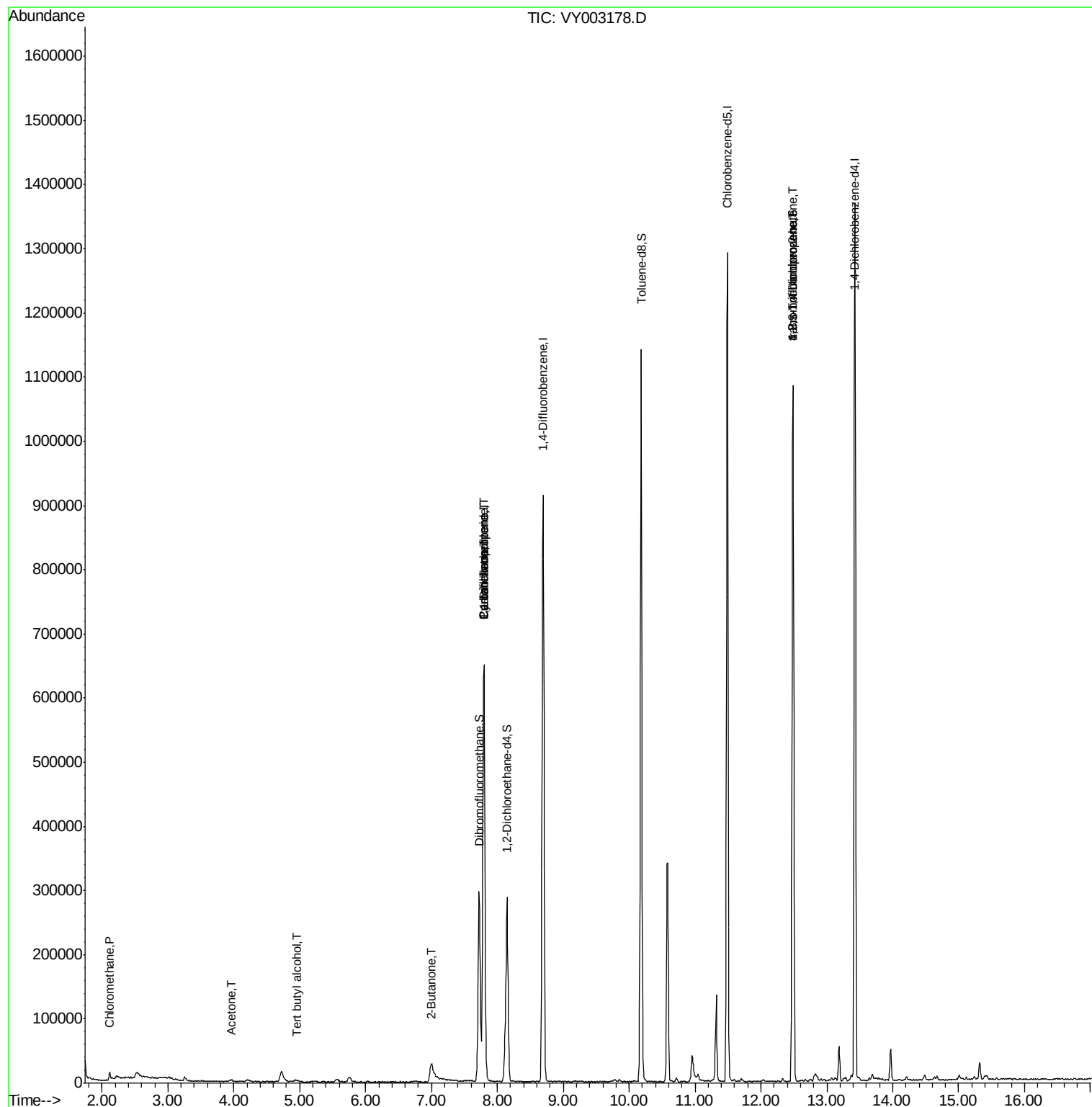
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	549820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	793220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	717575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	364456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	204357	44.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.08%	
35) Dibromofluoromethane	7.72	113	205597	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
50) Toluene-d8	10.18	98	742146	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
62) 4-Bromofluorobenzene	12.48	95	263405	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	8935	1.635	ug/l	100
11) Tert butyl alcohol	4.94	59	4227	8.424	ug/l #	74
16) Acetone	3.97	43	4660	4.496	ug/l #	80
20) Methylene Chloride	4.72	84	12031	Below Cal		94
25) 2-Butanone	7.00	43	2019	1.186	ug/l #	74
31) Cyclohexane	7.79	56	10432	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	37359	5.197	ug/l #	49
38) Carbon Tetrachloride	7.80	117	49085	6.614	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	135452	41.987	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	135452	81.714	ug/l #	13

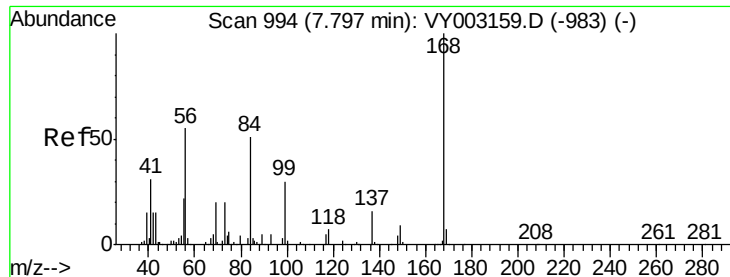
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY003178.D
Acq On : 13 Jul 2020 11:26
Operator : SY/MD
Sample : VY0713SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

Quant Time: Jul 14 03:55:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003178.D

Acq: 13 Jul 2020 11:26

Instrument :

MSVOA_Y

ClientSampleId :

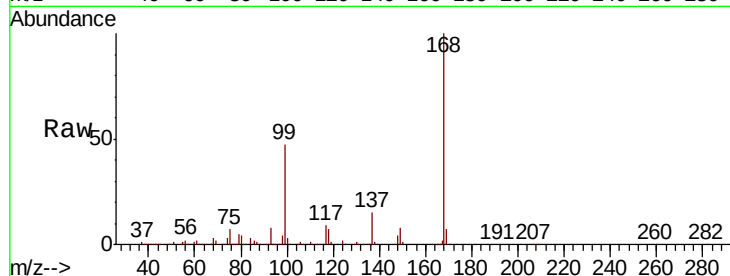
VY0713SBL01

Tot Ion:168 Resp: 549820

Ion Ratio Lower Upper

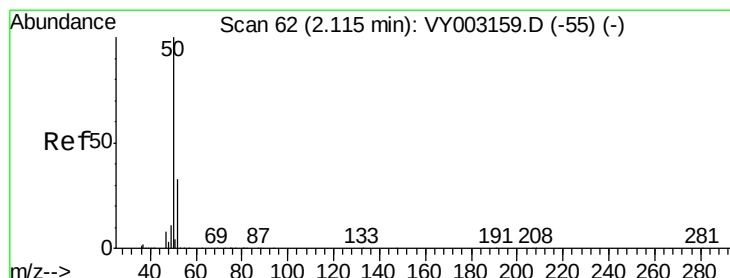
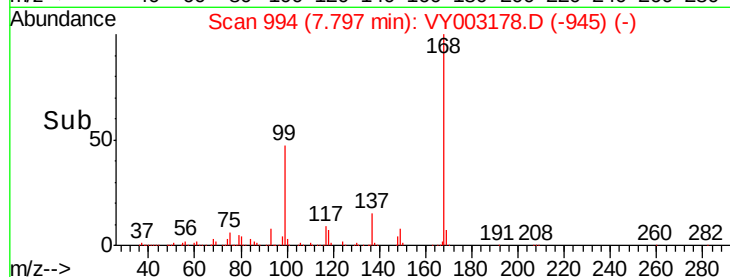
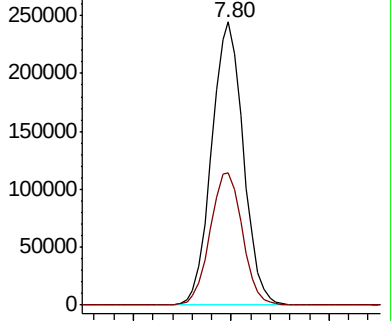
168 100

99 46.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#3

Chloromethane

Concen: 1.635 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003178.D

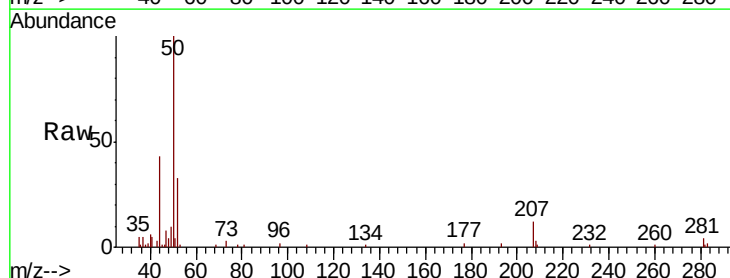
Acq: 13 Jul 2020 11:26

Tgt Ion: 50 Resp: 8935

Ion Ratio Lower Upper

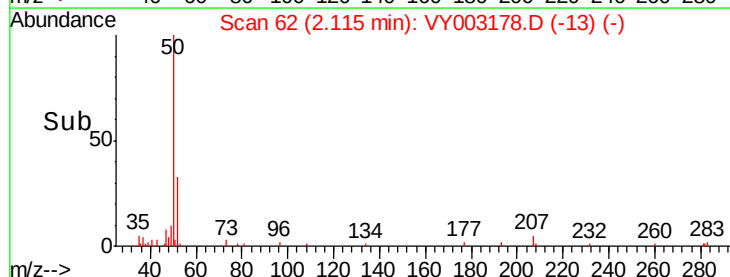
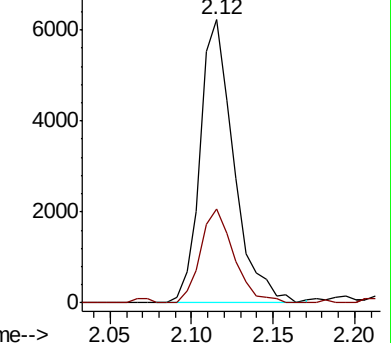
50 100

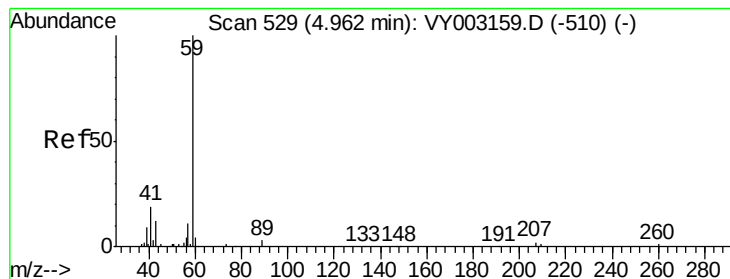
52 33.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



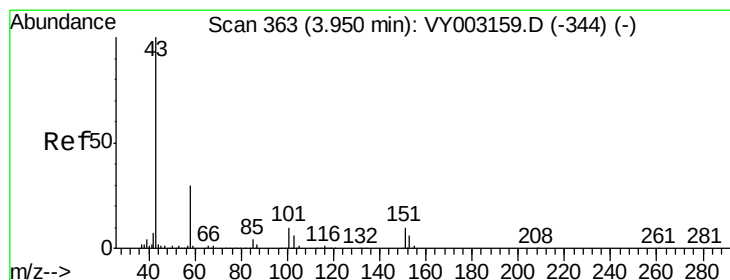
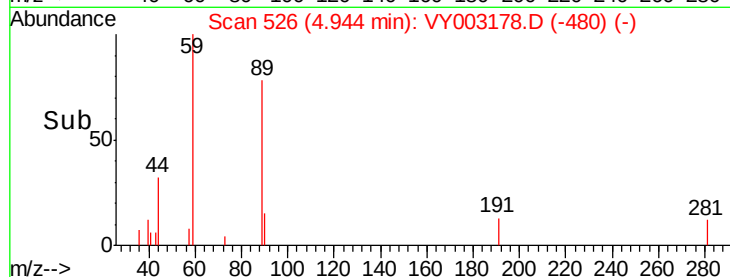
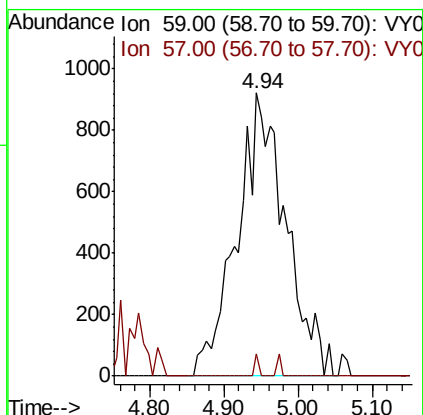
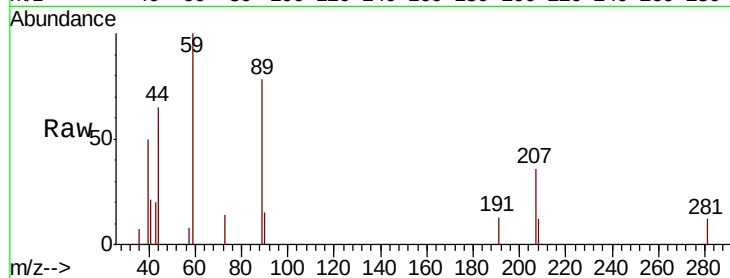


#11

Tert butyl alcohol
 Concen: 8.424 ug/l
 RT: 4.94 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: VY003178.D
 Acq: 13 Jul 2020 11:26

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0713SBL01

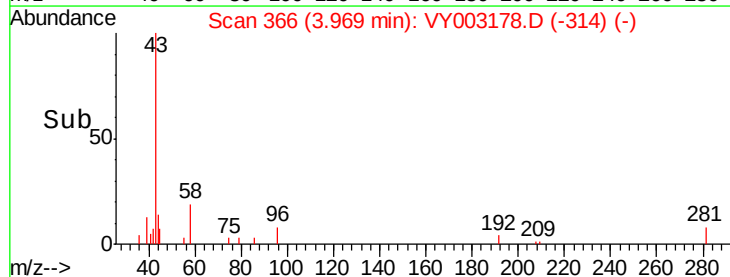
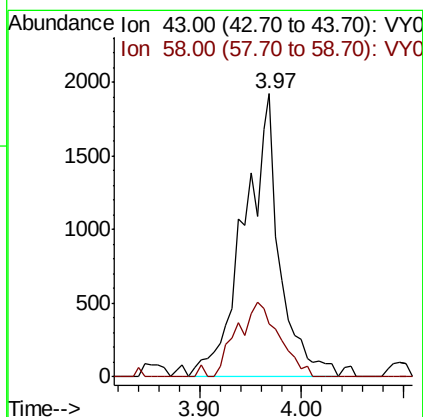
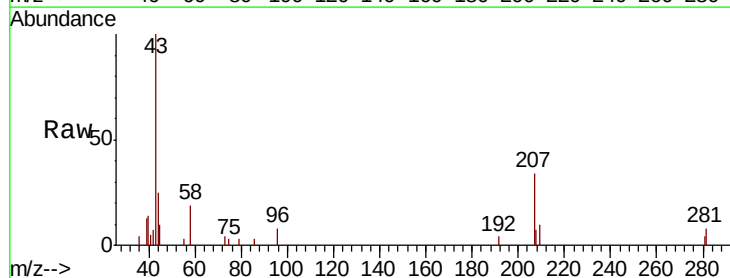
Tot Ion: 59 Resp: 4227
 Ion Ratio Lower Upper
 59 100
 57 0.6 8.4 12.6#

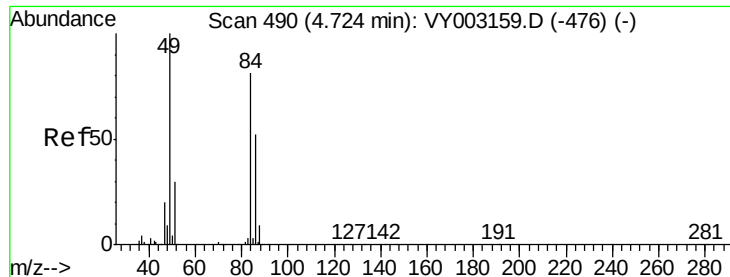


#16

Acetone
 Concen: 4.496 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VY003178.D
 Acq: 13 Jul 2020 11:26

Tgt Ion: 43 Resp: 4660
 Ion Ratio Lower Upper
 43 100
 58 18.7 23.8 35.6#

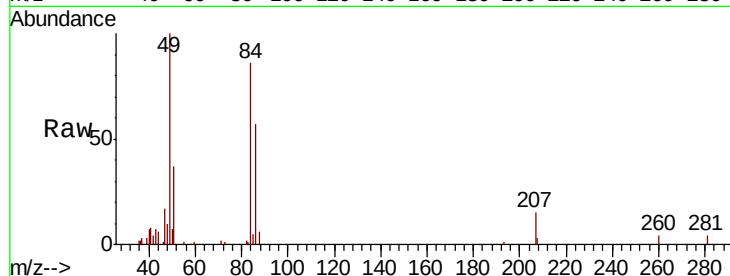




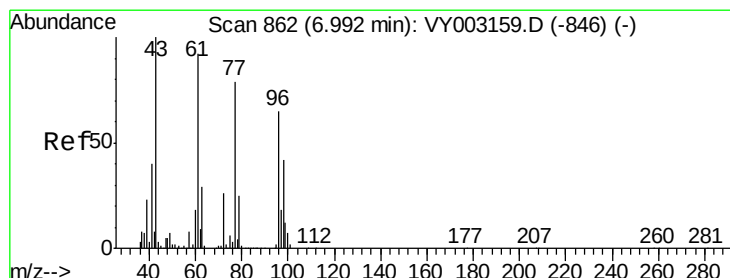
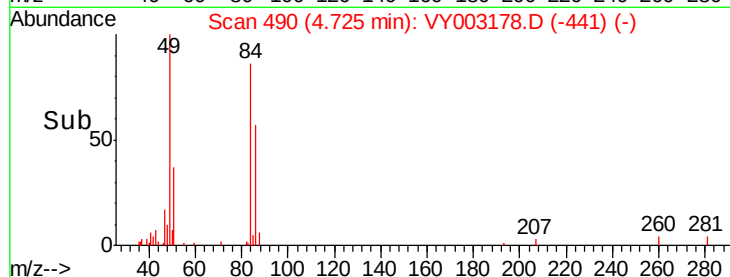
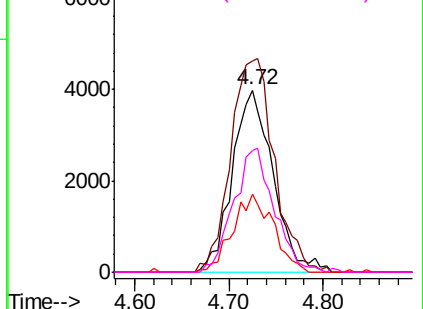
#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003178.D
Acq: 13 Jul 2020 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

Tot Ion:	84	Resp:	12031
Ion	Ratio	Lower	Upper
84	100		
49	116.5	98.2	147.4
51	42.7	29.8	44.6
86	66.8	51.2	76.8

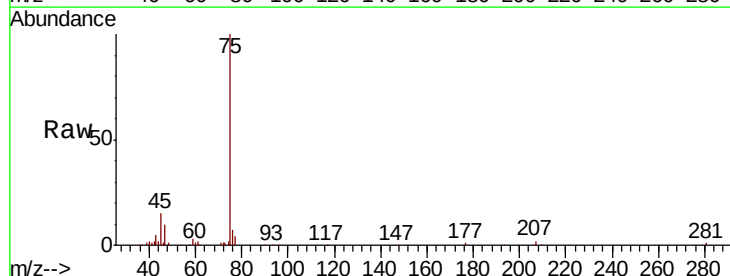


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

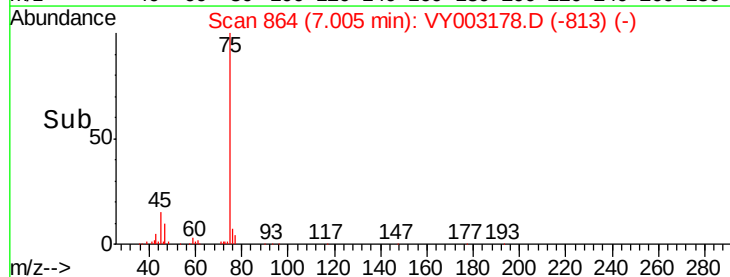
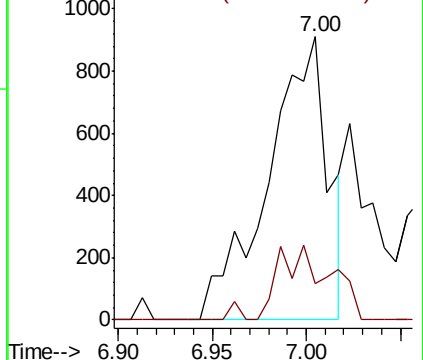


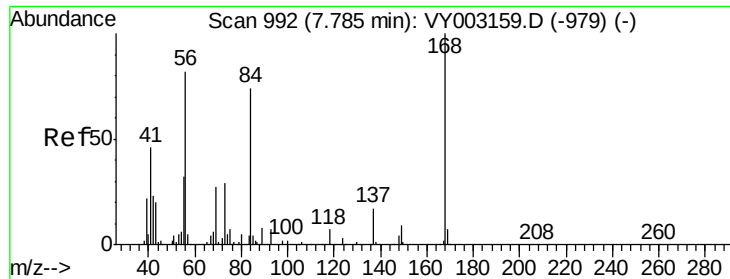
#25
2-Butanone
Concen: 1.186 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003178.D
Acq: 13 Jul 2020 11:26

Tgt Ion:	43	Resp:	2019
Ion	Ratio	Lower	Upper
43	100		
72	12.9	20.9	31.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

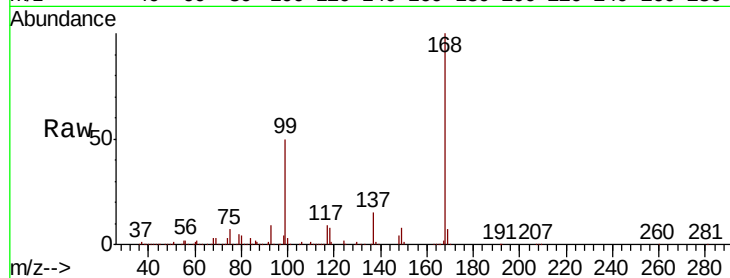




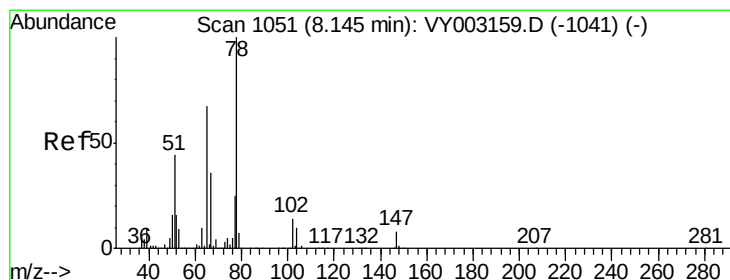
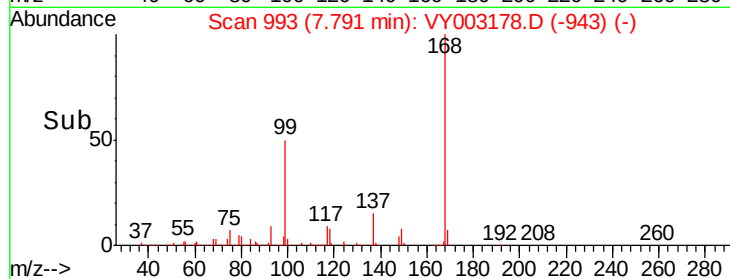
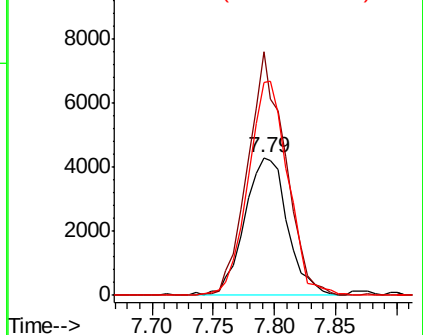
#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003178.D
Acq: 13 Jul 2020 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

Tot Ion: 56 Resp: 10432
Ion Ratio Lower Upper
56 100
69 177.1 26.7 40.1#
84 161.0 72.3 108.5#

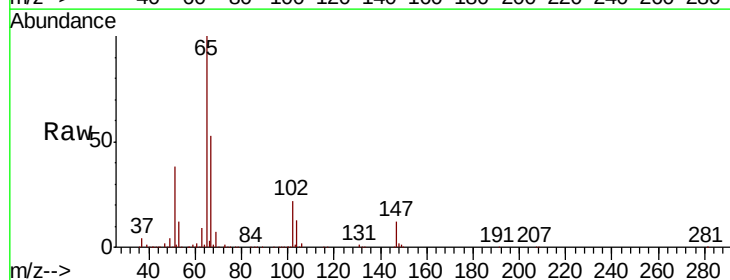


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

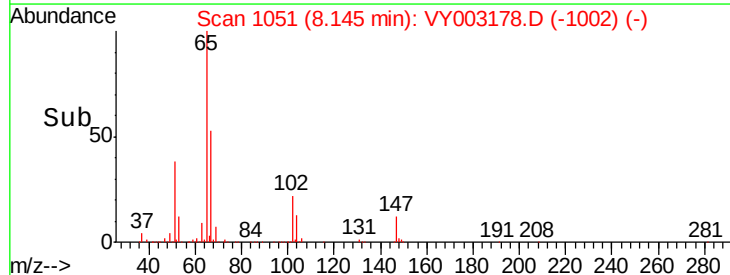
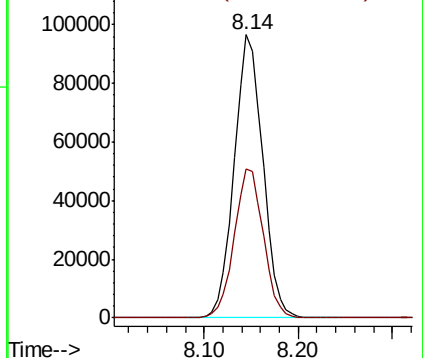


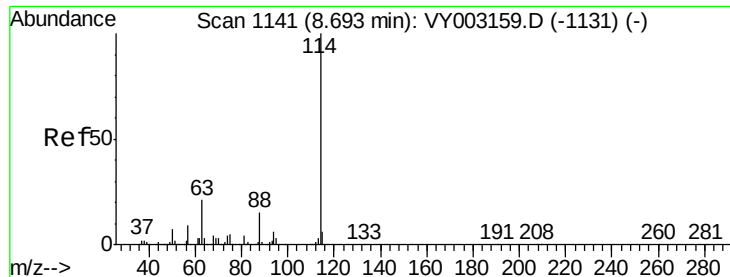
#33
1,2-Dichloroethane-d4
Concen: 44.036 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003178.D
Acq: 13 Jul 2020 11:26

Tgt Ion: 65 Resp: 204357
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

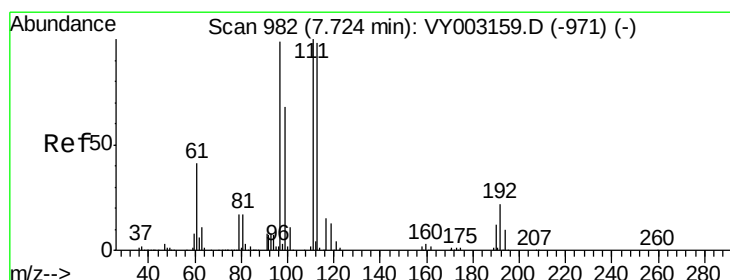
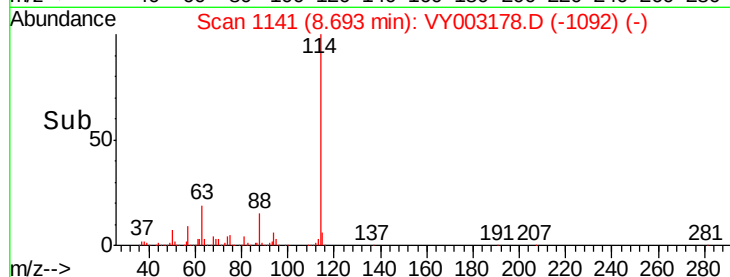
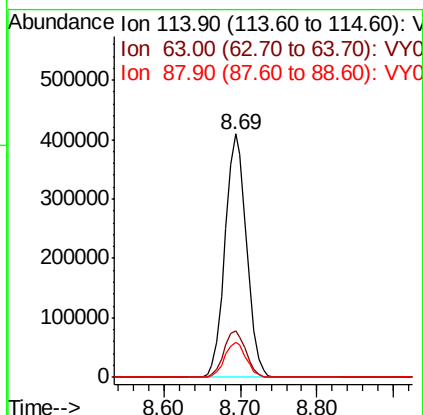
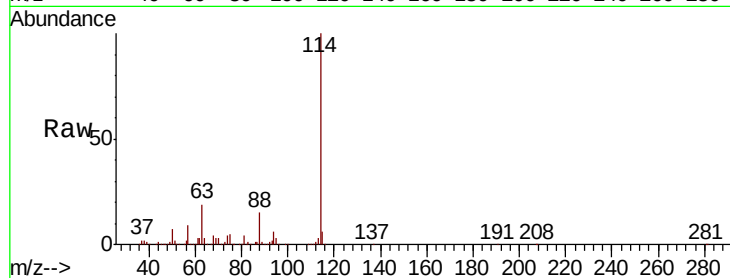




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003178.D
Acq: 13 Jul 2020 11:26

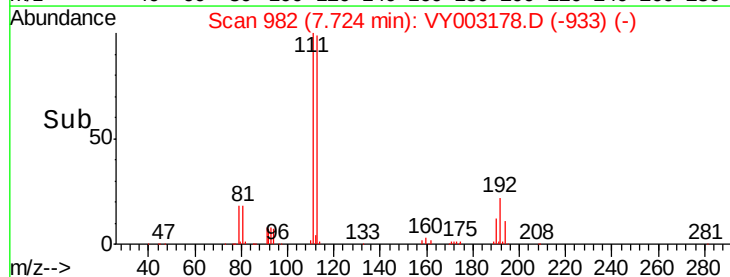
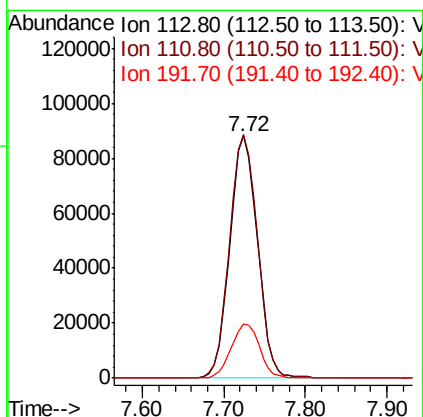
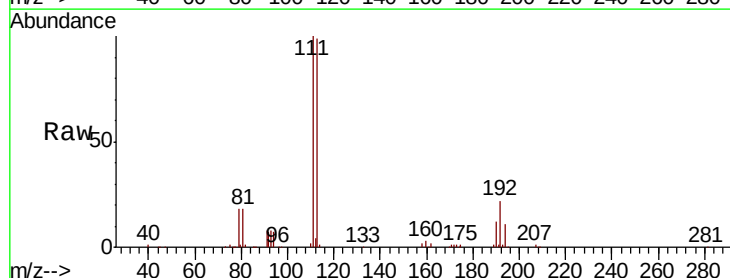
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

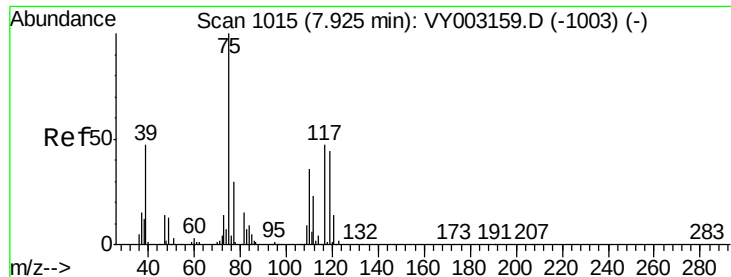
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.2
88	14.6	0.0	30.2



#35
Dibromofluoromethane
Concen: 45.040 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003178.D
Acq: 13 Jul 2020 11:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.1	123.1
192	23.0	18.8	28.2

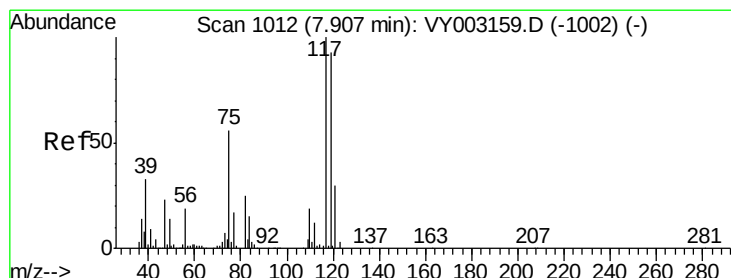
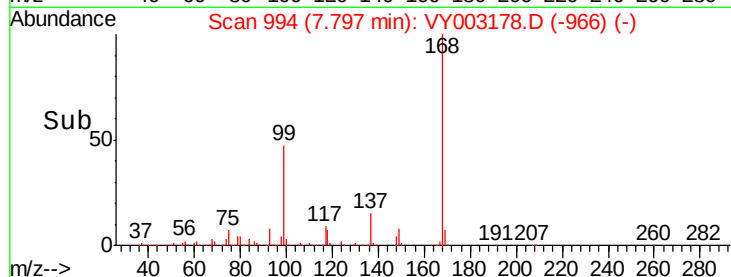
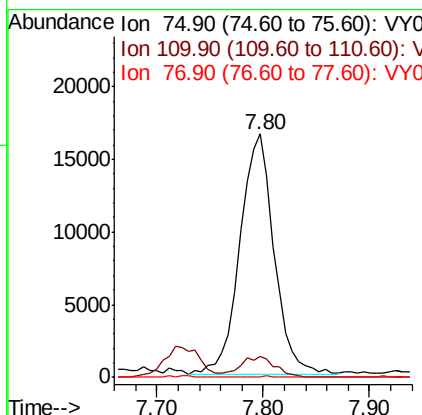
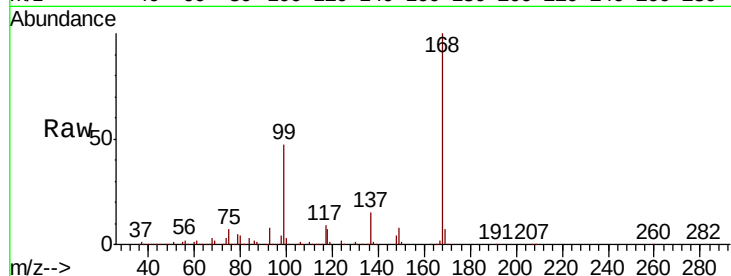




#36
 1,1-Dichloropropene
 Concen: 5.197 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003178.D
 Acq: 13 Jul 2020 11:26

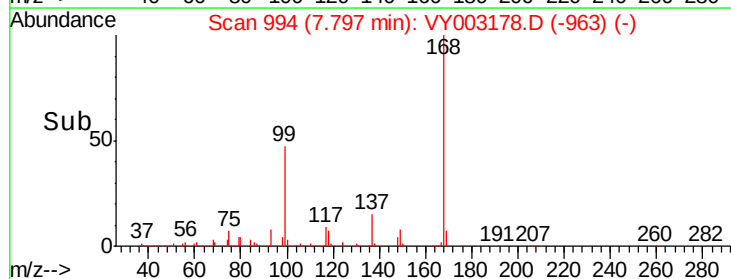
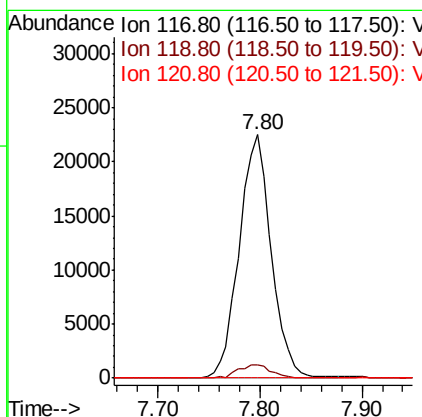
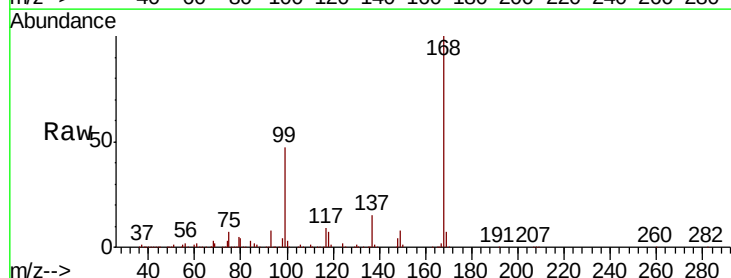
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBL01

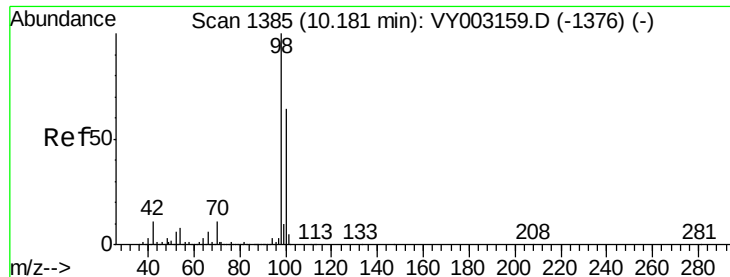
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.1#
77	0.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.614 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003178.D
 Acq: 13 Jul 2020 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 43.730 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003178.D

Acq: 13 Jul 2020 11:26

Instrument :

MSVOA_Y

ClientSampleId :

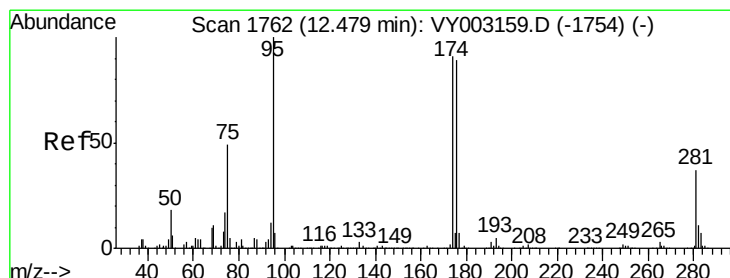
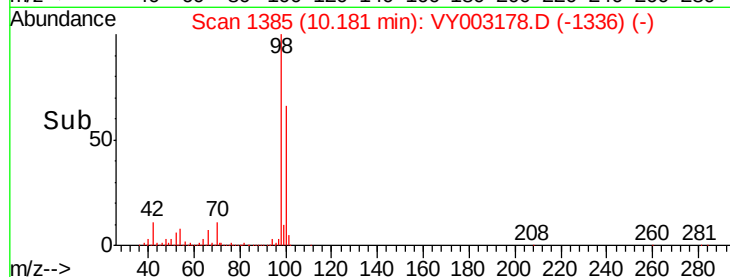
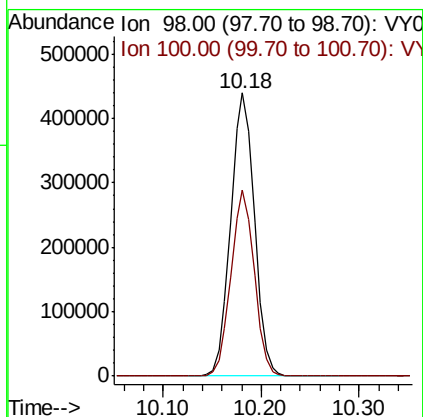
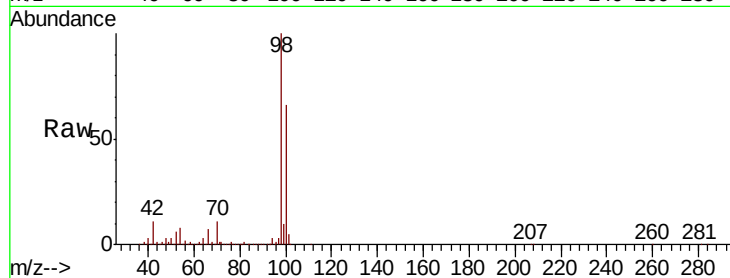
VY0713SBL01

Tot Ion: 98 Resp: 742146

Ion Ratio Lower Upper

98 100

100 64.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 42.963 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003178.D

Acq: 13 Jul 2020 11:26

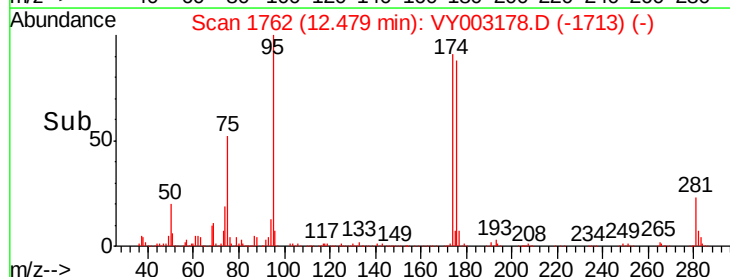
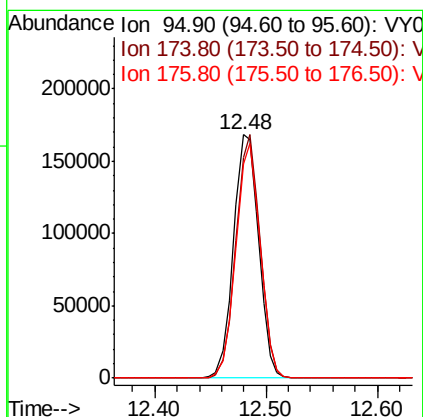
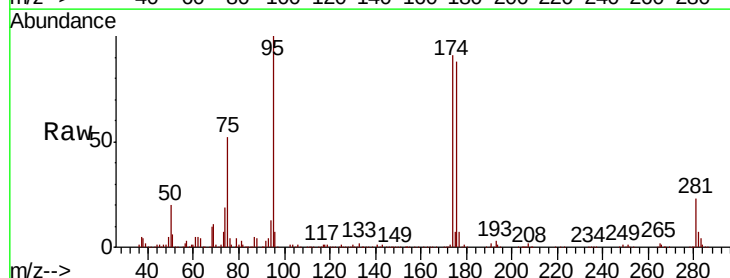
Tgt Ion: 95 Resp: 263405

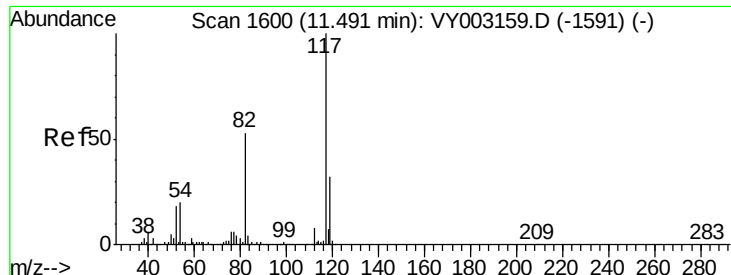
Ion Ratio Lower Upper

95 100

174 96.2 0.0 190.6

176 93.2 0.0 186.4

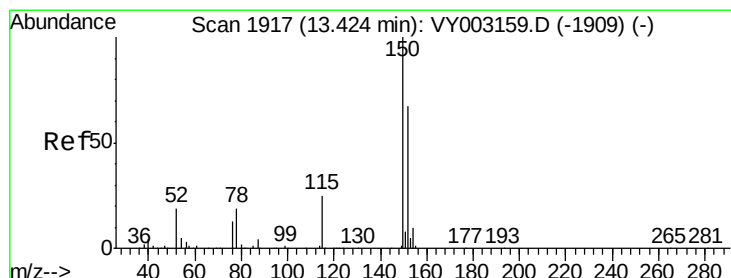
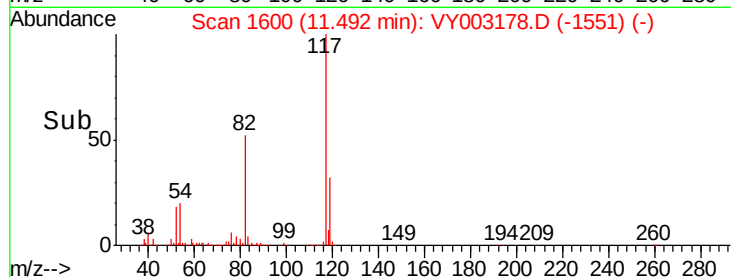
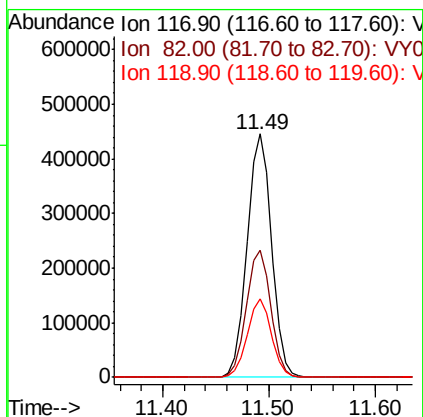
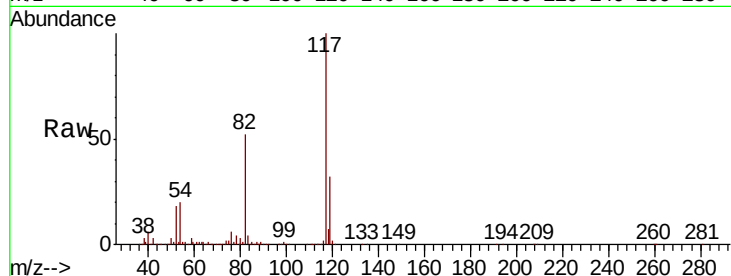




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003178.D
Acq: 13 Jul 2020 11:26

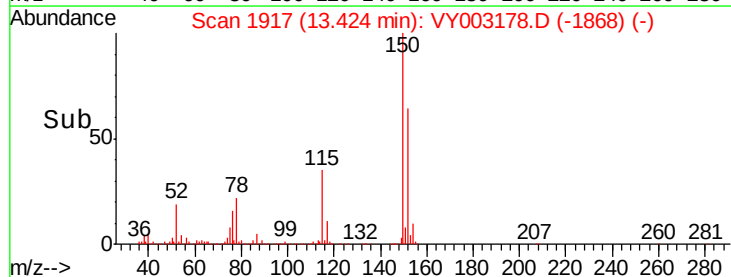
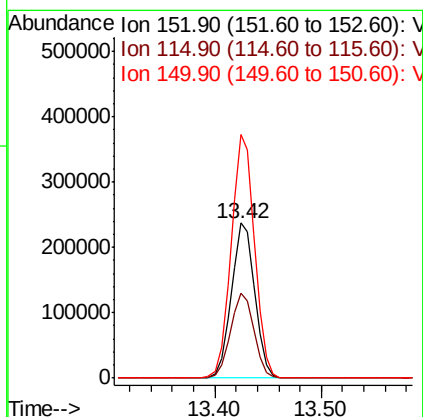
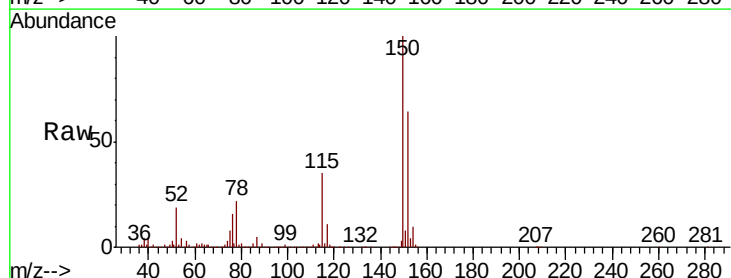
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

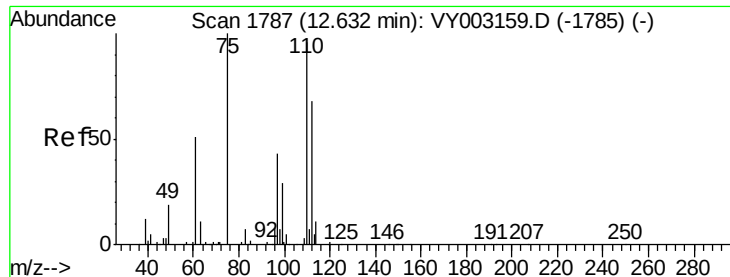
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.0	63.0
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003178.D
Acq: 13 Jul 2020 11:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.7
150	156.8	0.0	338.0





#76

1,2,3-Trichloropropane

Concen: 41.987 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003178.D

Acq: 13 Jul 2020 11:26

Instrument :

MSVOA_Y

ClientSampleId :

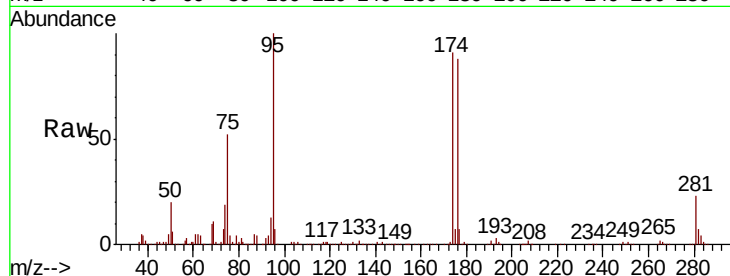
VY0713SBL01

Tot Ion: 75 Resp: 135452

Ion Ratio Lower Upper

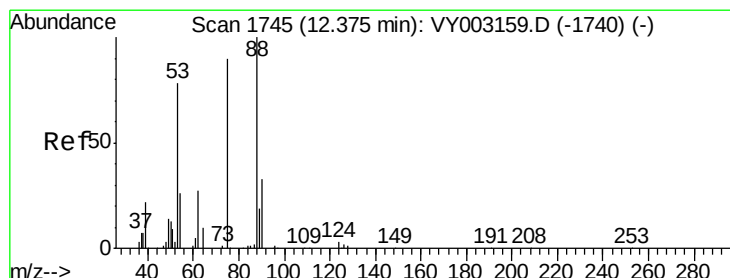
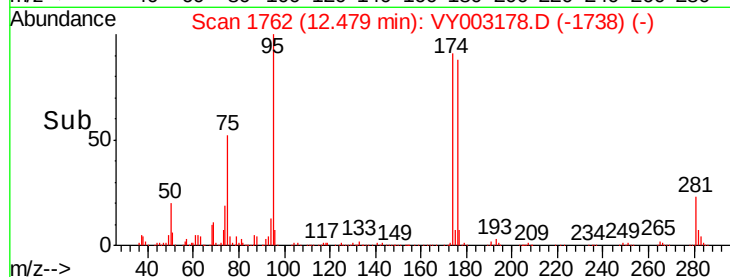
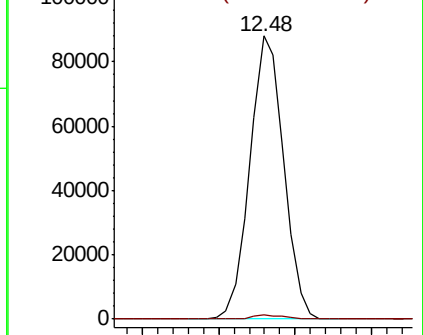
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 81.714 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003178.D

Acq: 13 Jul 2020 11:26

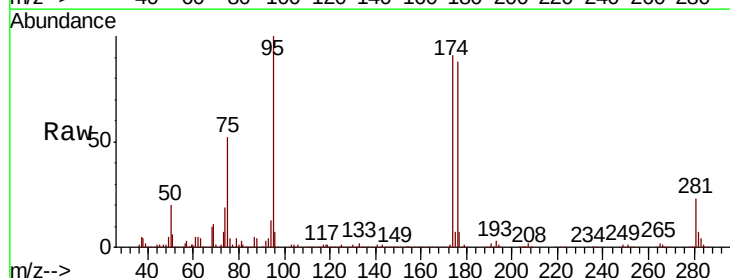
Tgt Ion: 75 Resp: 135452

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.5 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

