

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003427.D
 Acq On : 03 Aug 2020 19:15
 Operator : SY/MD
 Sample : L3548-07
 Misc : 7.26G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-004

Quant Time: Aug 04 01:37:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

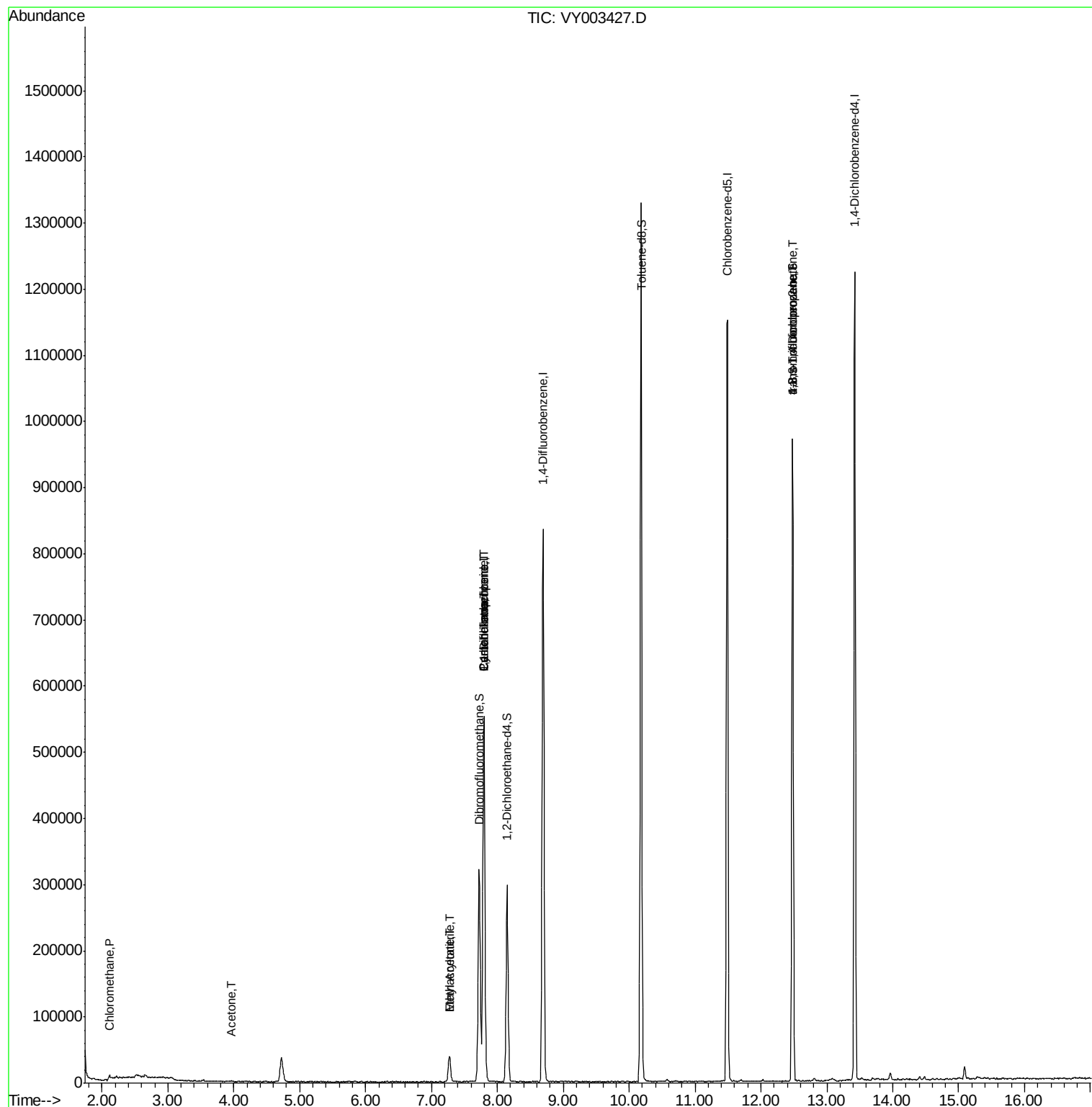
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	454118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	708666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	654074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	316302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	225459	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.72	113	223275	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	10.18	98	867358	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.48	95	279761	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	5762	1.131	ug/l	97
11) Tert butyl alcohol	4.96	59	67	Below Cal	#	73
16) Acetone	3.97	43	1095	1.026	ug/l	89
20) Methylene Chloride	4.72	84	27075	Below Cal		92
31) Cyclohexane	7.79	56	8288	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	31619	4.715	ug/l #	50
37) Ethyl Acetate	7.27	43	37123	9.735	ug/l #	69
38) Carbon Tetrachloride	7.80	117	41239	5.976	ug/l #	15
41) Methacrylonitrile	7.27	41	19733	9.027	ug/l #	45
76) 1,2,3-Trichloropropane	12.48	75	140930	49.597	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	140930	93.800	ug/l #	15

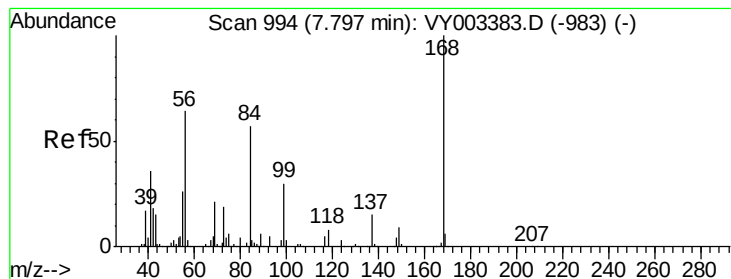
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003427.D

Acq: 03 Aug 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

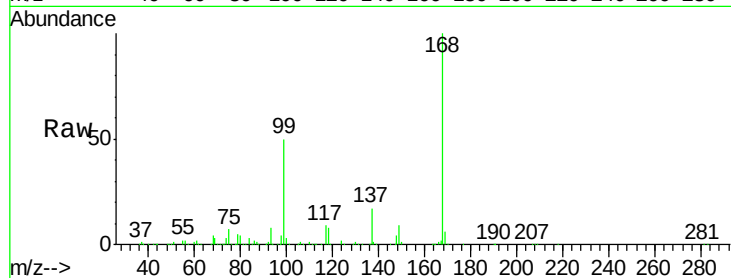
CRT-004

Tot Ion:168 Resp: 454118

Ion Ratio Lower Upper

168 100

99 50.2 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

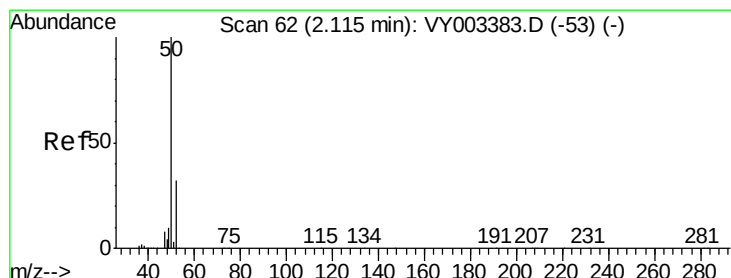
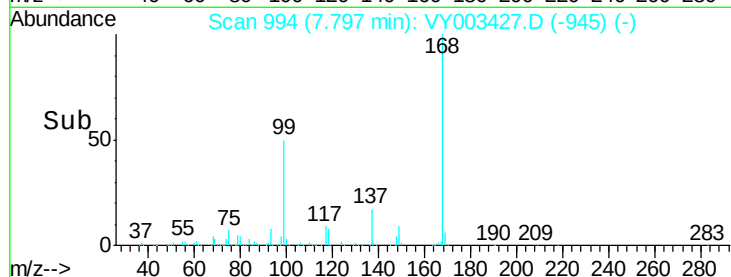
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.131 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003427.D

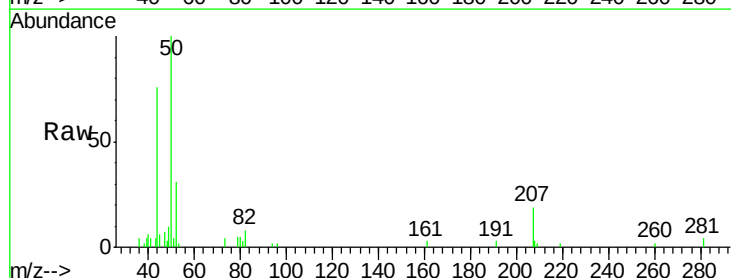
Acq: 03 Aug 2020 19:15

Tgt Ion: 50 Resp: 5762

Ion Ratio Lower Upper

50 100

52 30.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003383.D (-53) (-)

Ion 51.90 (51.60 to 52.60): VY003383.D (-53) (-)

2.12

4000

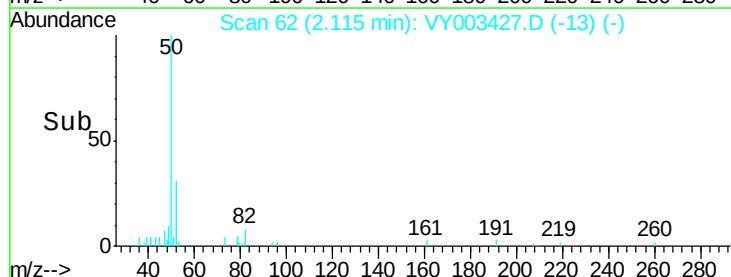
3000

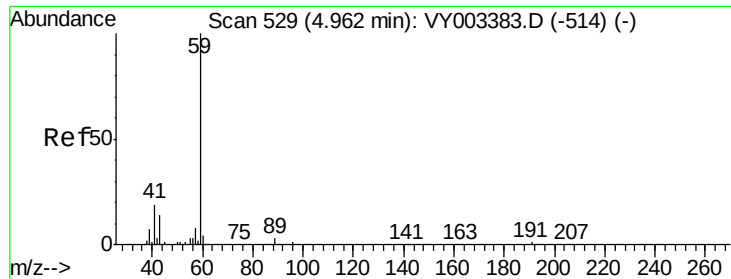
2000

1000

0

Time-->

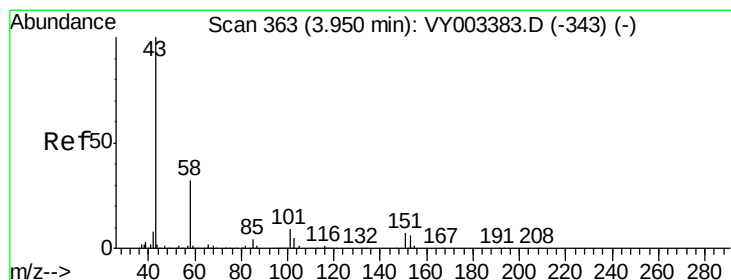
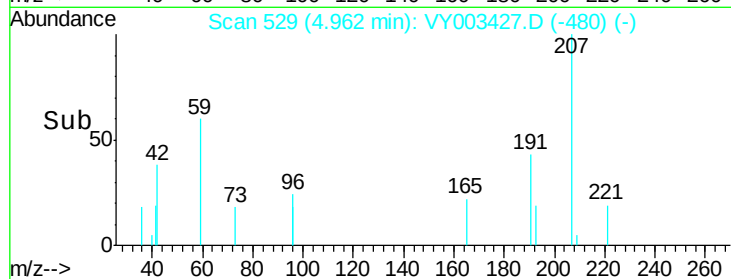
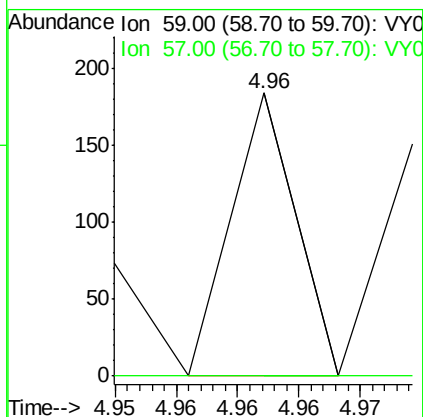
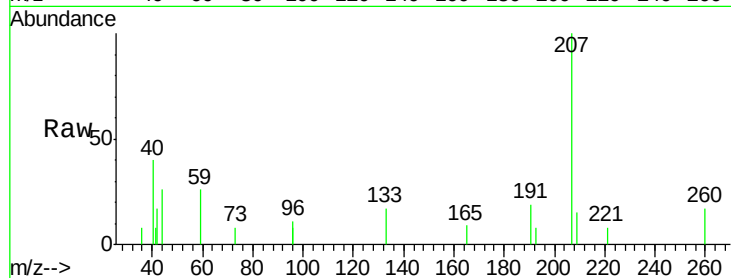




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

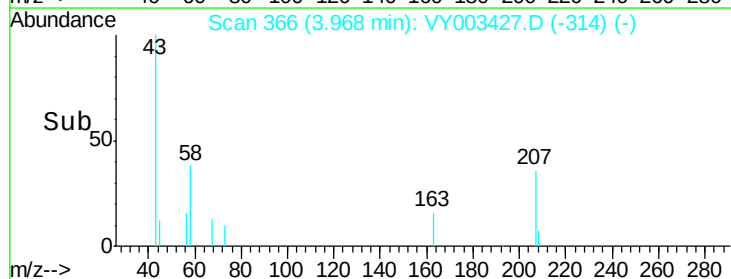
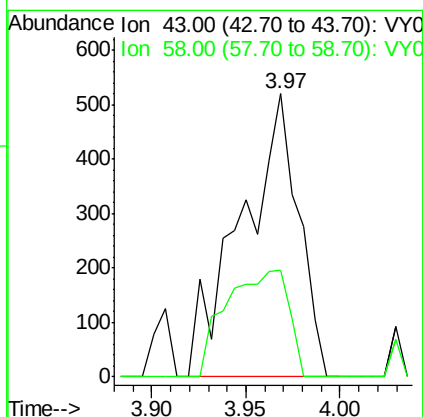
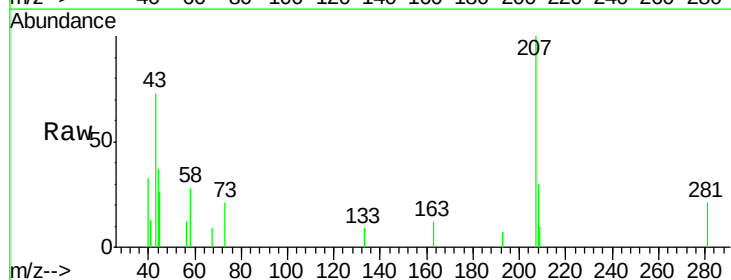
Instrument :
MSVOA_Y
ClientSampled :
CRT-004

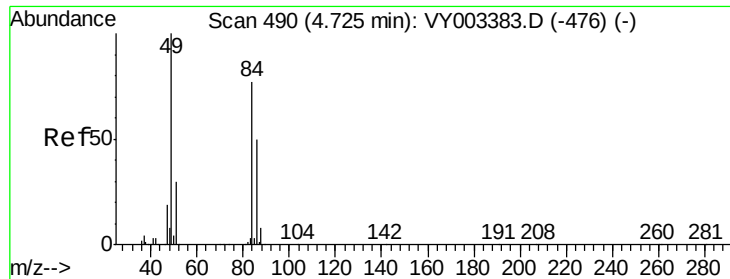
Tot Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 1.026 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
58 37.9 25.4 38.2

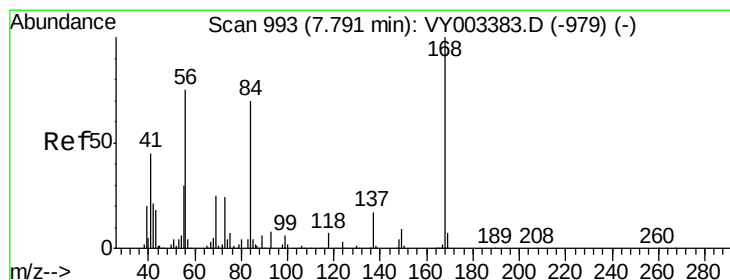
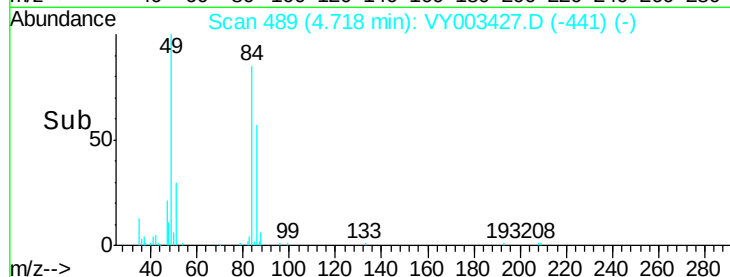
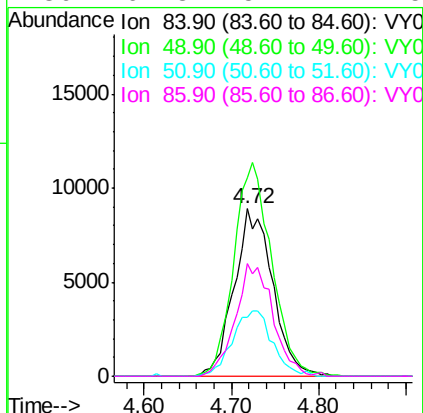
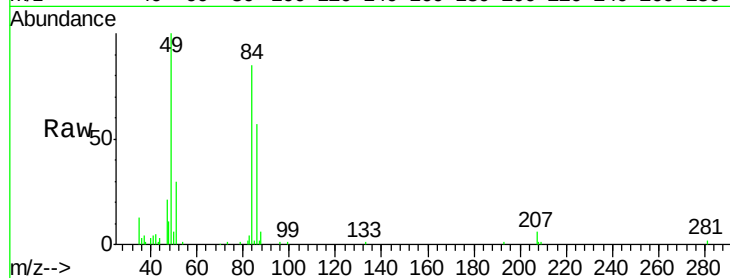




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

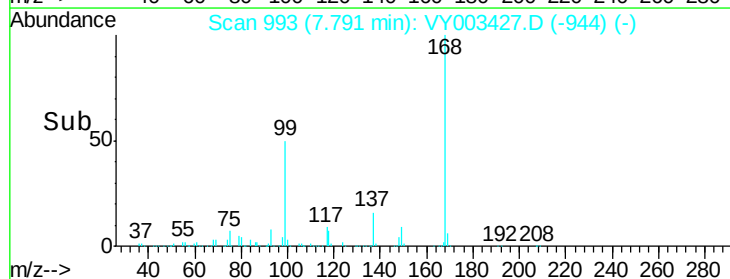
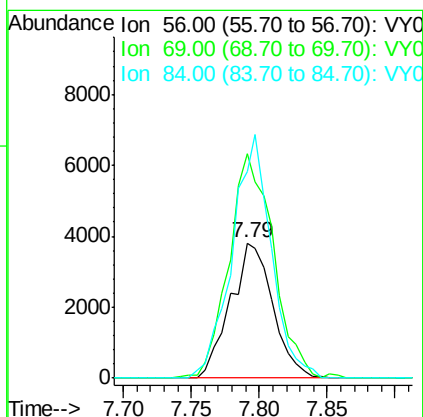
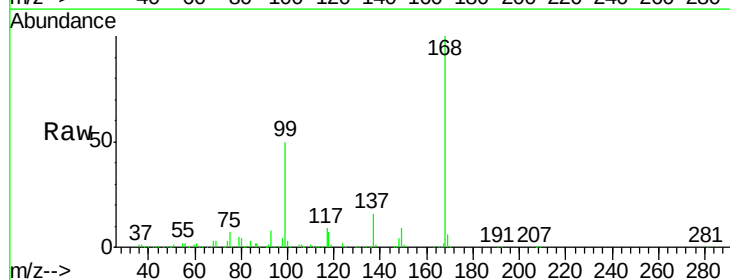
Instrument :
MSVOA_Y
ClientSampleId :
CRT-004

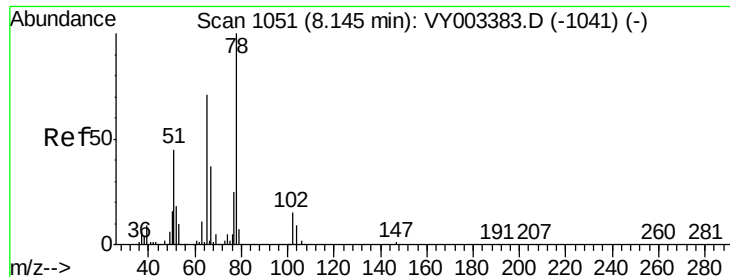
Tot Ion:	84	Resp:	27075
Ion	Ratio	Lower	Upper
84	100		
49	118.2	104.2	156.4
51	35.5	31.5	47.3
86	67.3	51.7	77.5



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

Tgt Ion:	56	Resp:	8288
Ion	Ratio	Lower	Upper
56	100		
69	164.4	26.1	39.1#
84	152.1	73.9	110.9#

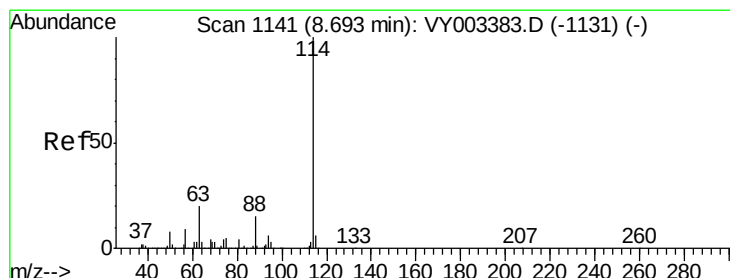
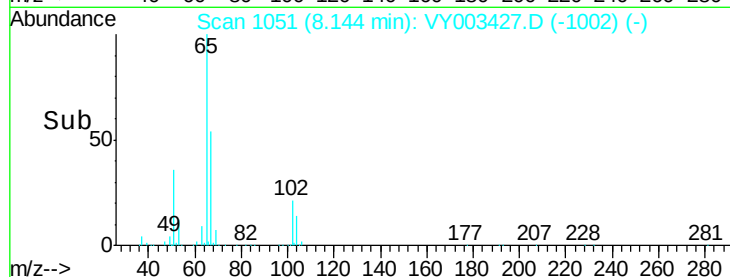
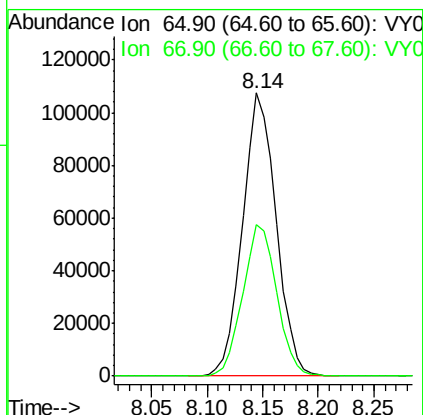
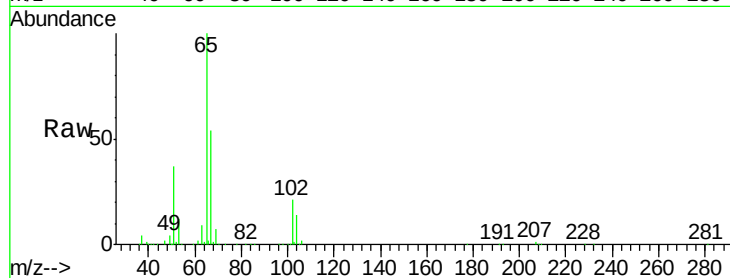




#33
 1,2-Dichloroethane-d4
 Concen: 52.216 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003427.D
 Acq: 03 Aug 2020 19:15

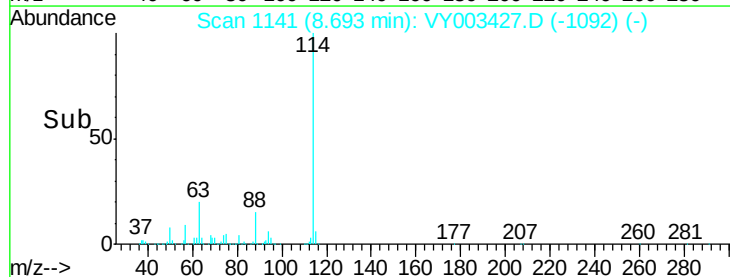
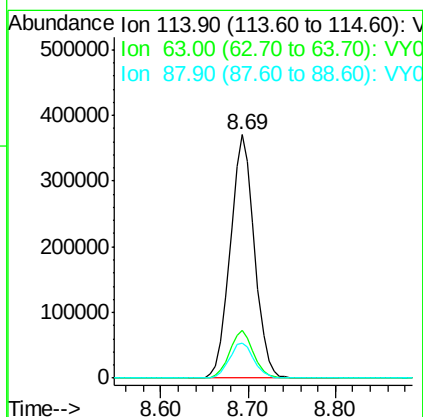
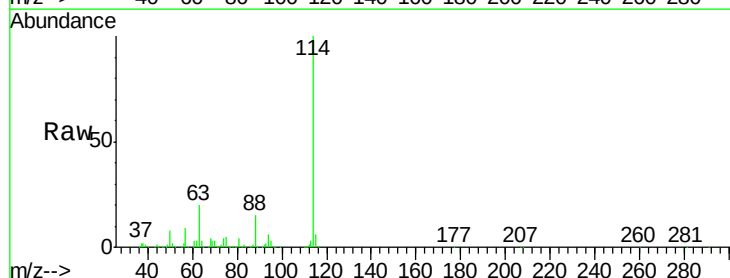
Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-004

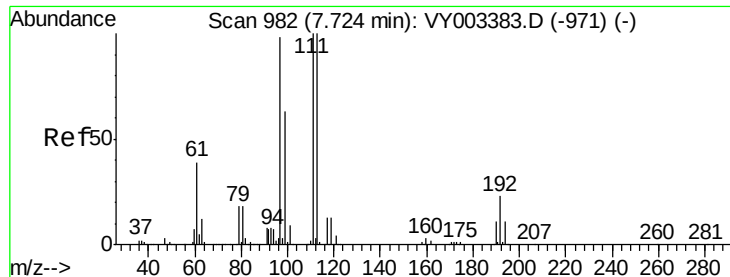
Tot Ion: 65 Resp: 225459
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003427.D
 Acq: 03 Aug 2020 19:15

Tgt Ion: 114 Resp: 708666
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 14.6 0.0 29.2

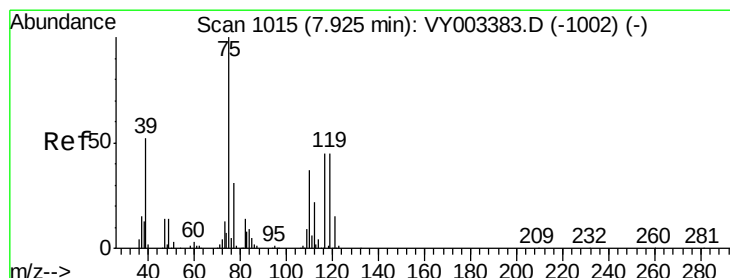
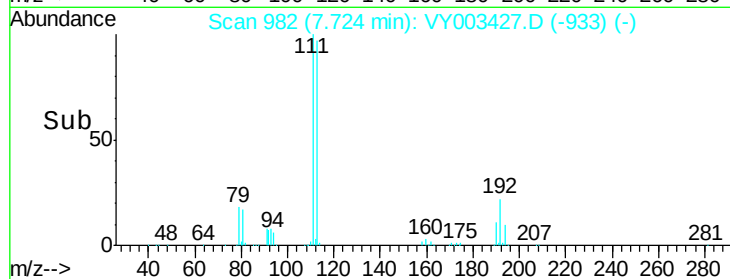
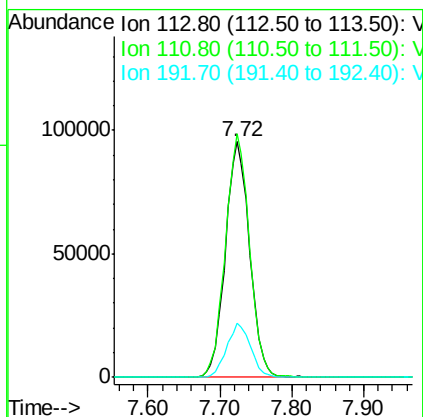
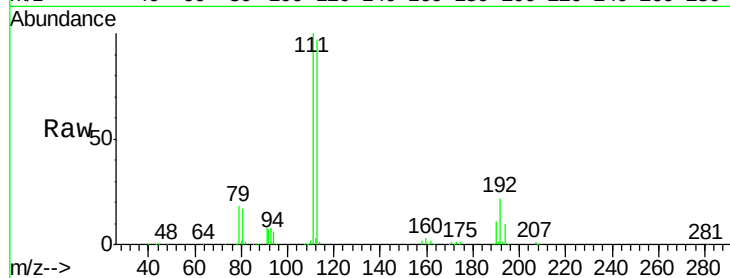




#35
Dibromofluoromethane
Concen: 53.486 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

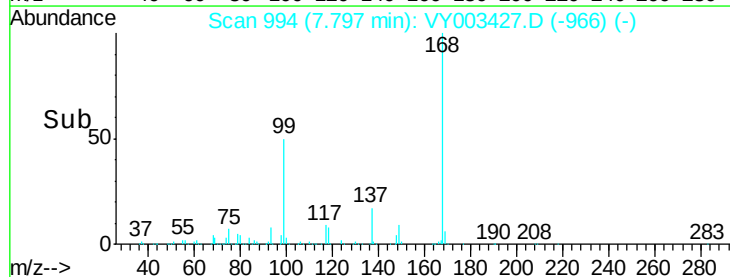
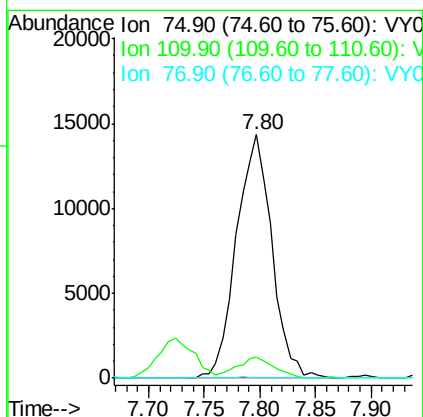
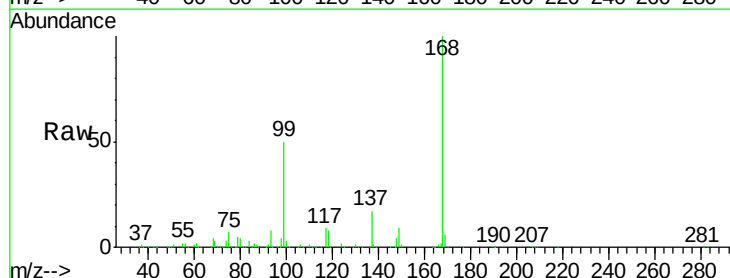
Instrument :
MSVOA_Y
ClientSampleId :
CRT-004

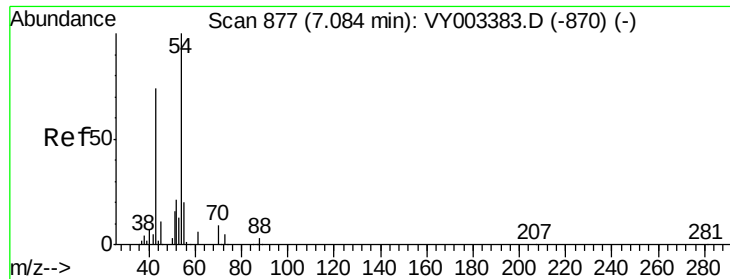
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	22.7	18.8	28.2



#36
1,1-Dichloropropene
Concen: 4.715 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.8	53.5#
77	0.1	24.6	36.8#

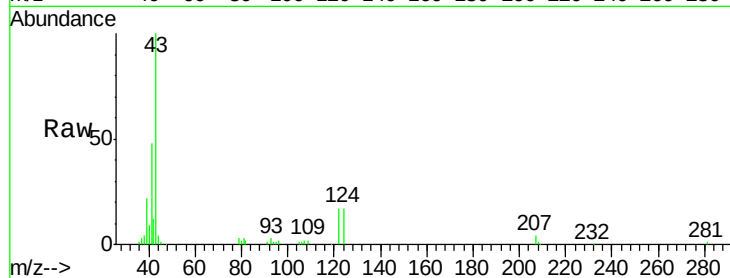




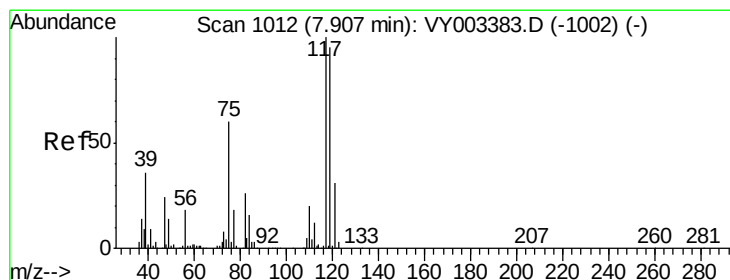
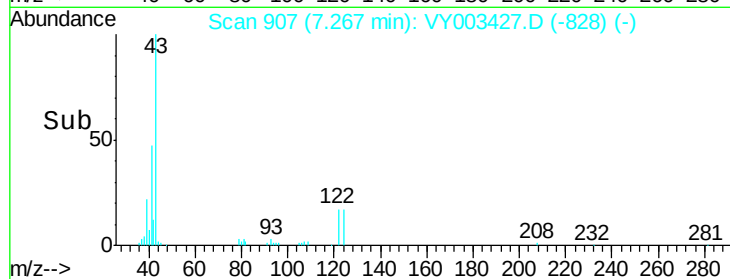
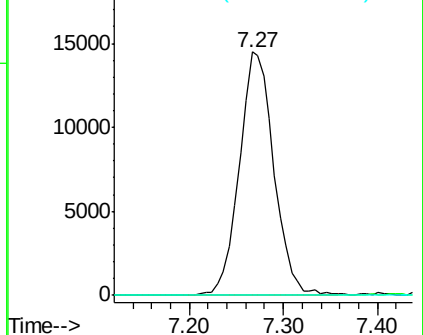
#37
Ethyl Acetate
Concen: 9.735 ug/l
RT: 7.27 min Scan# 907
Delta R.T. 0.18 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

Instrument :
MSVOA_Y
ClientSampleId :
CRT-004

Tot Ion: 43 Resp: 37123
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 7.7 11.5#

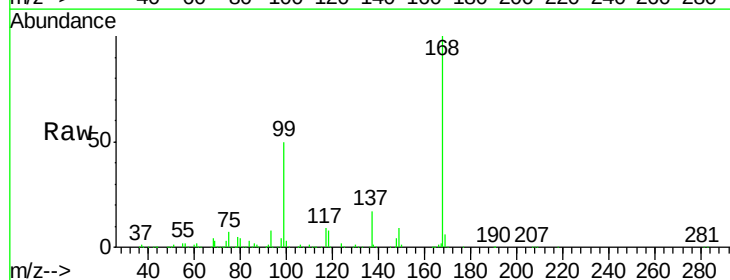


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

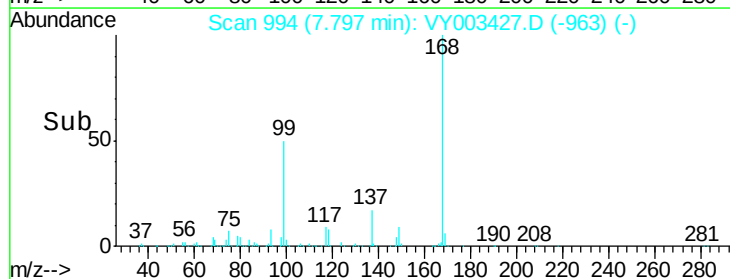
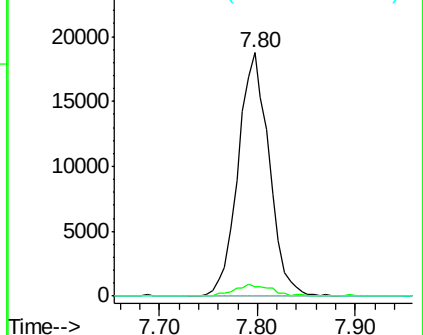


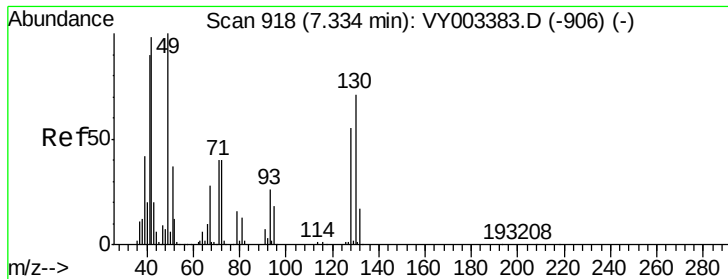
#38
Carbon Tetrachloride
Concen: 5.976 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

Tgt Ion: 117 Resp: 41239
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

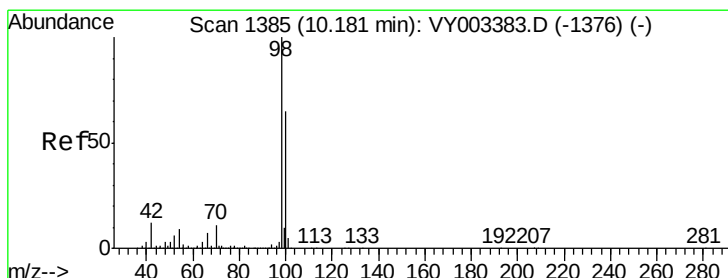
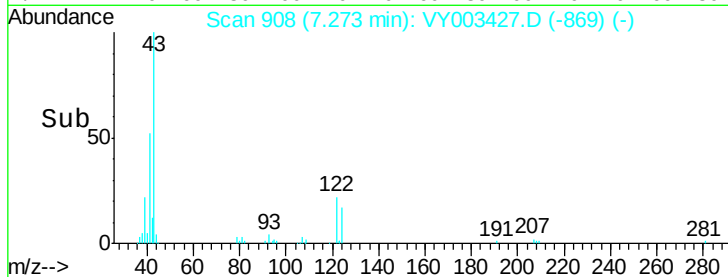
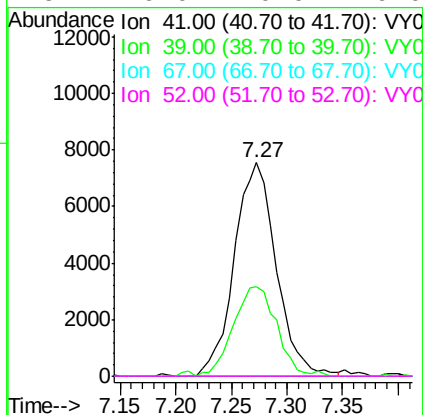
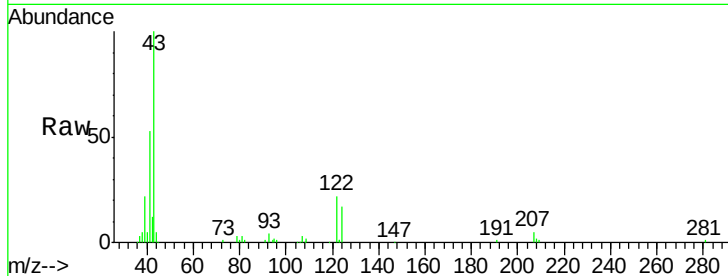




#41
Methacrylonitrile
Concen: 9.027 ug/l
RT: 7.27 min Scan# 908
Delta R.T. -0.06 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

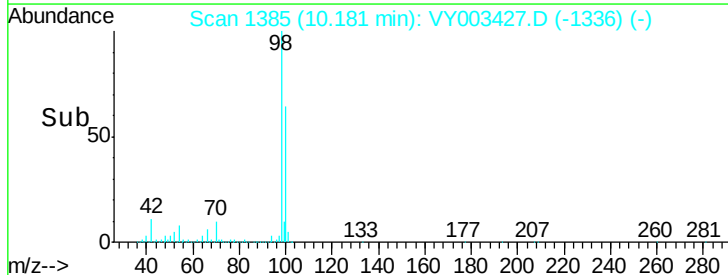
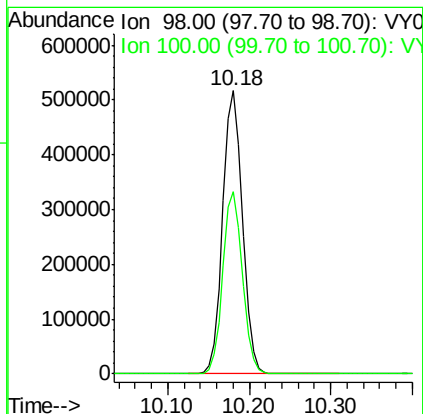
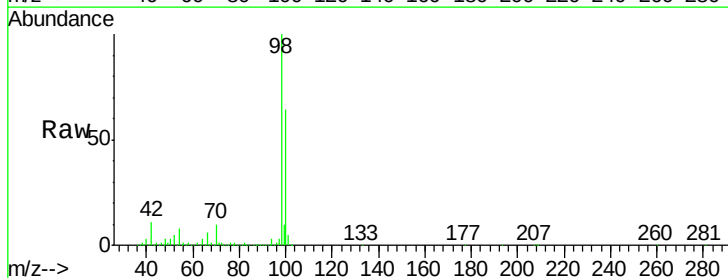
Instrument :
MSVOA_Y
ClientSampleId :
CRT-004

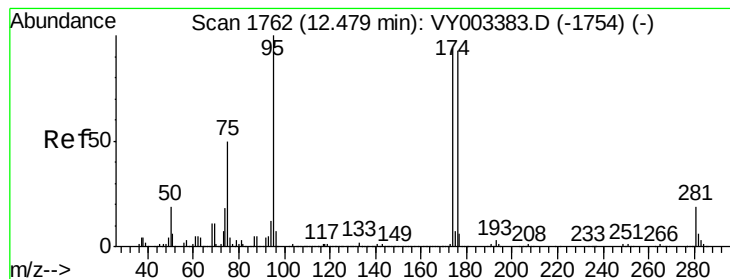
Tot Ion:	41	Resp:	19733
Ion	Ratio	Lower	Upper
41	100		
39	43.3	78.3	117.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 53.061 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

Tgt Ion:	98	Resp:	867358
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.3	76.9





#62

4-Bromofluorobenzene

Concen: 50.090 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003427.D

Acq: 03 Aug 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

CRT-004

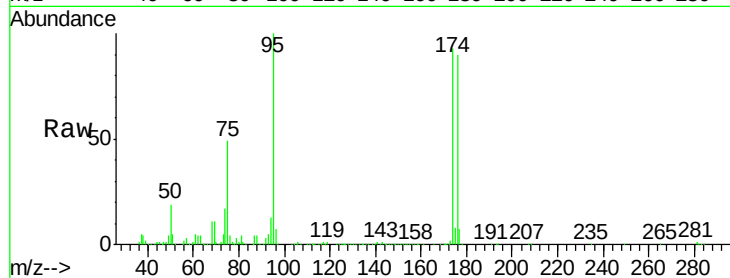
Tot Ion: 95 Resp: 279761

Ion Ratio Lower Upper

95 100

174 95.2 0.0 190.0

176 92.3 0.0 184.4



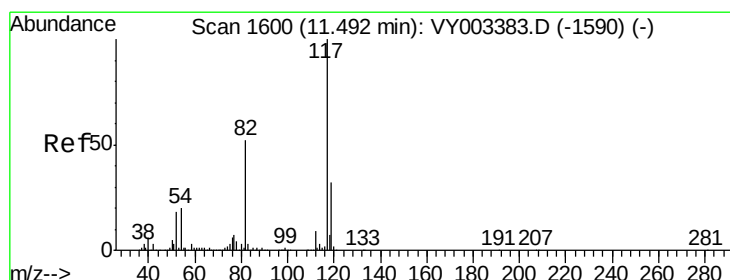
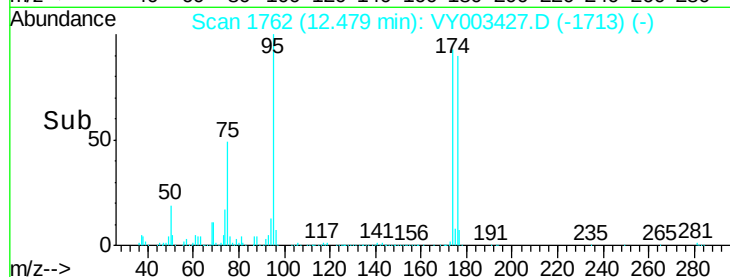
Abundance Ion 94.90 (94.60 to 95.60): VY003383.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003383.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003383.D (-1754) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003427.D

Acq: 03 Aug 2020 19:15

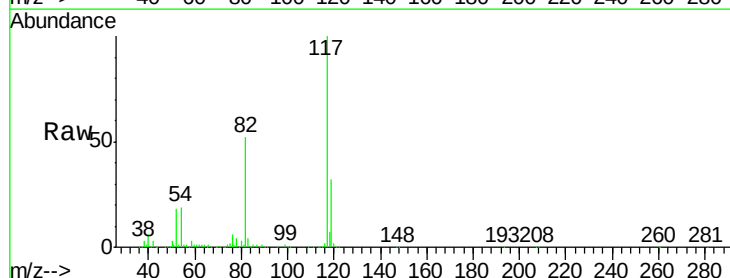
Tgt Ion: 117 Resp: 654074

Ion Ratio Lower Upper

117 100

82 52.5 41.9 62.9

119 31.6 25.4 38.0



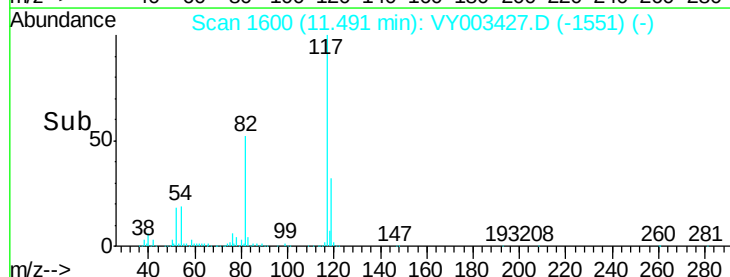
Abundance Ion 116.90 (116.60 to 117.60): VY003383.D (-1590) (-)

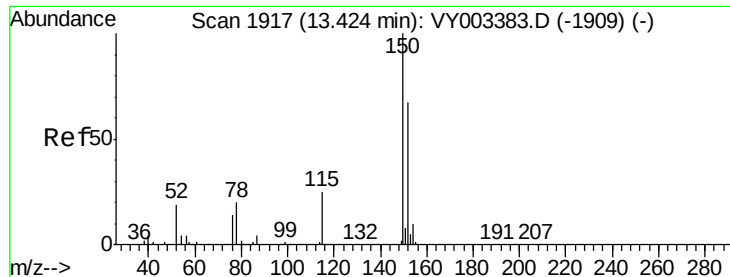
Ion 82.00 (81.70 to 82.70): VY003383.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY003383.D (-1590) (-)

11.49

Time-->



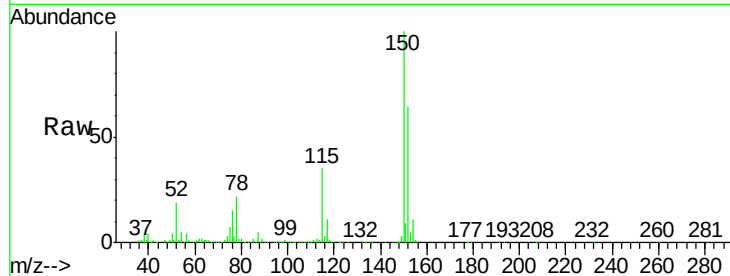


#72

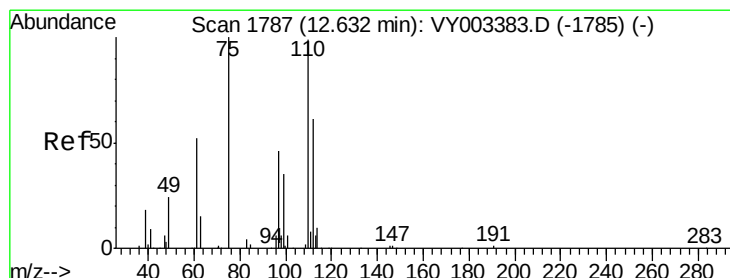
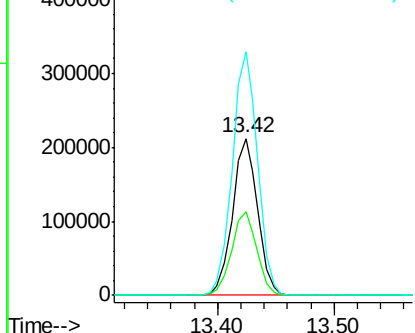
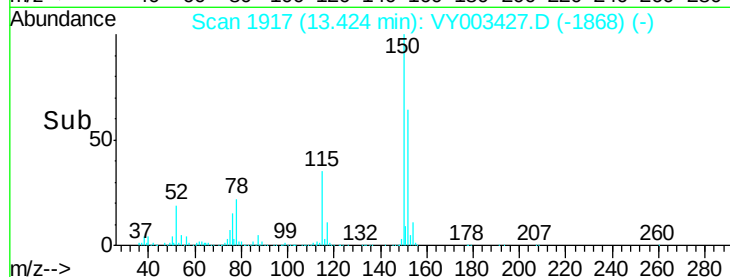
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

Instrument :
MSVOA_Y
ClientSampleId :
CRT-004

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.2	81.5
150	156.6	0.0	346.8



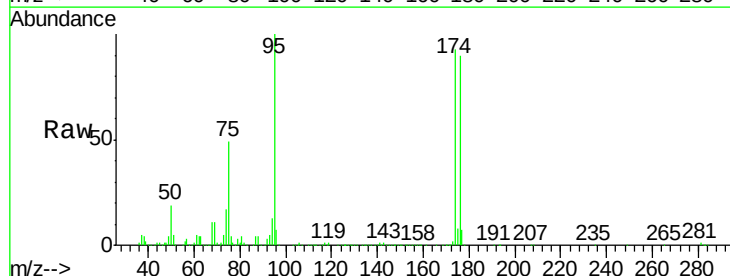
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



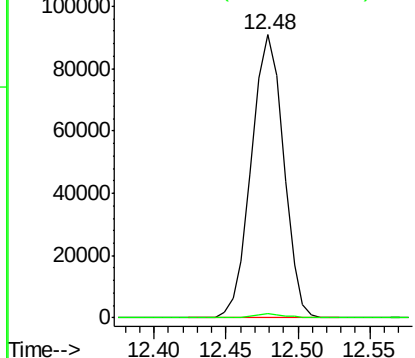
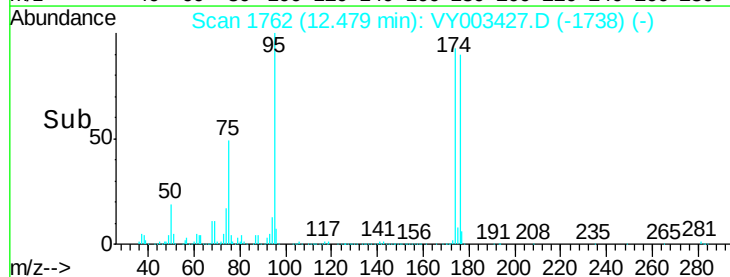
#76

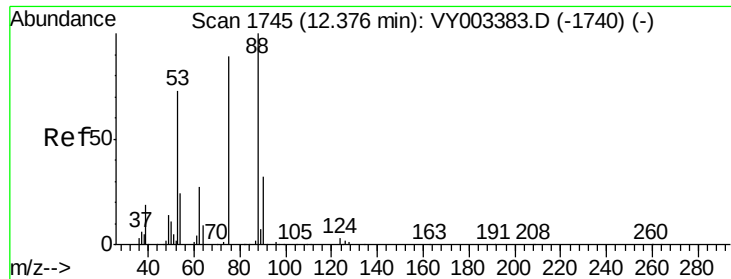
1,2,3-Trichloropropane
Concen: 49.597 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003427.D
Acq: 03 Aug 2020 19:15

Tgt 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: 93.800 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003427.D

Acq: 03 Aug 2020 19:15

Instrument :

MSVOA_Y

ClientSampleId :

CRT-004

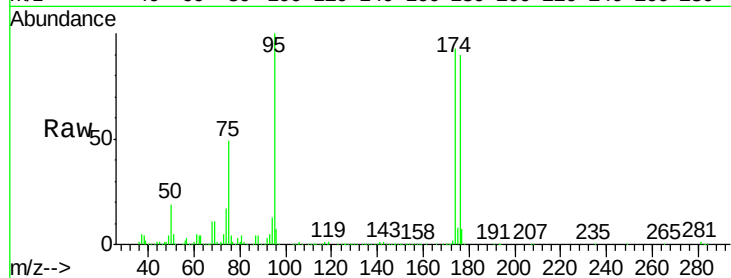
Tot Ion: 75 Resp: 140930

Ion Ratio Lower Upper

75 100

53 0.0 69.5 104.3#

89 0.1 33.8 50.6#



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

