

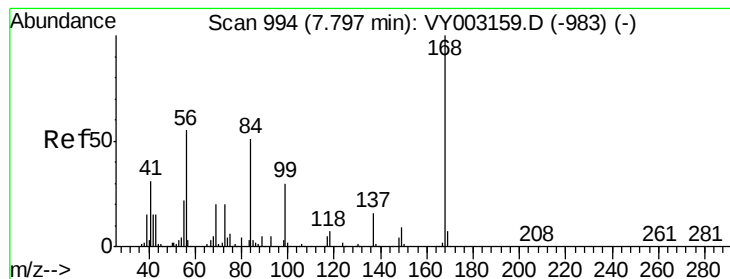
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003330.D
 Acq On : 23 Jul 2020 20:46
 Operator : SY/MD
 Sample : L3383-05
 Misc : 7.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-018

Quant Time: Jul 24 04:45:21 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	429861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	671507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	611134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	301492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	211402	58.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.54%	
35) Dibromofluoromethane	7.72	113	210311	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
50) Toluene-d8	10.18	98	807613	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
62) 4-Bromofluorobenzene	12.48	95	257939	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.72	84	59271	10.157	ug/l	96
31) Cyclohexane	7.78	56	7295	1.105	ug/l #	5
36) 1,1-Dichloropropene	7.80	75	29995	4.928	ug/l #	50
38) Carbon Tetrachloride	7.80	117	38724	6.163	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	131440	49.252	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	131440	95.854	ug/l #	13

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003330.D

Acq: 23 Jul 2020 20:46

Instrument :

MSVOA_Y

ClientSampleId :

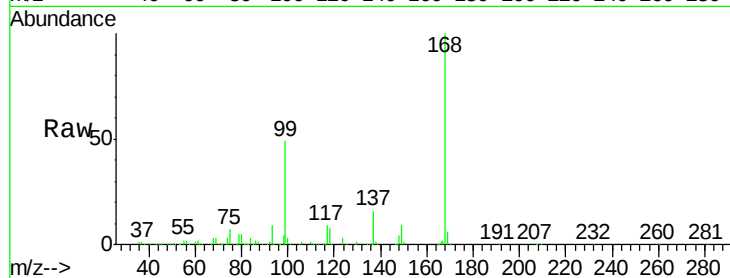
CRT-018

Tot Ion:168 Resp: 429861

Ion Ratio Lower Upper

168 100

99 49.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003330.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003330.D (-945) (-)

7.80

200000

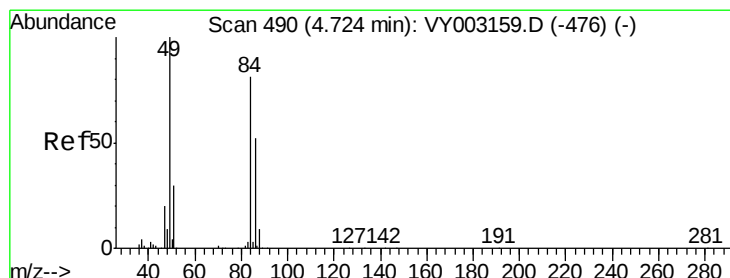
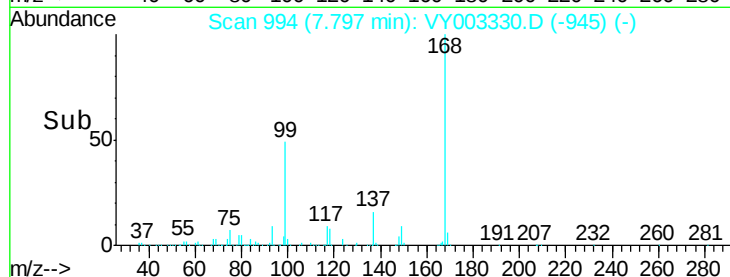
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.157 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003330.D

Acq: 23 Jul 2020 20:46

Tgt Ion: 84 Resp: 59271

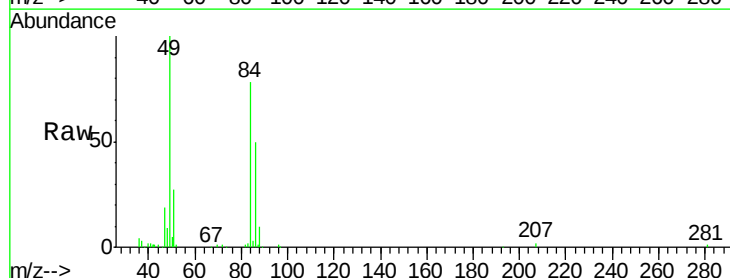
Ion Ratio Lower Upper

84 100

49 128.0 98.2 147.4

51 34.3 29.8 44.6

86 64.6 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003330.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003330.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003330.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003330.D (-441) (-)

4.72

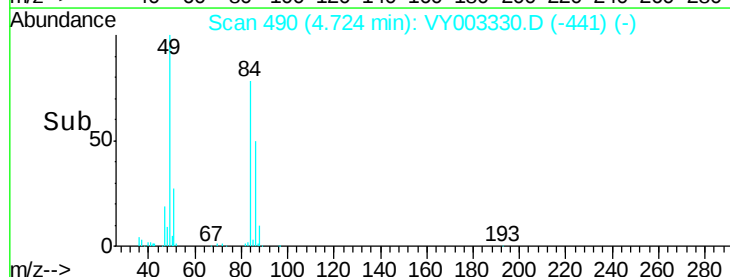
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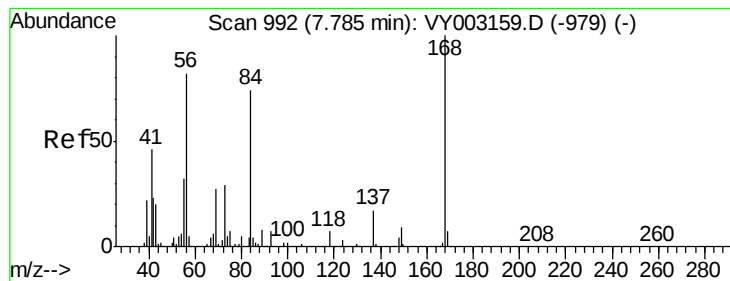
20000

10000

0

Time-->





#31

Cyclohexane

Concen: 1.105 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003330.D

Acq: 23 Jul 2020 20:46

Instrument :
MSVOA_Y
ClientSampleId :
CRT-018

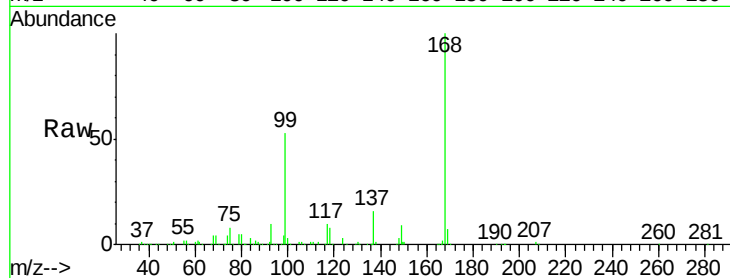
Tot Ion: 56 Resp: 7295

Ion Ratio Lower Upper

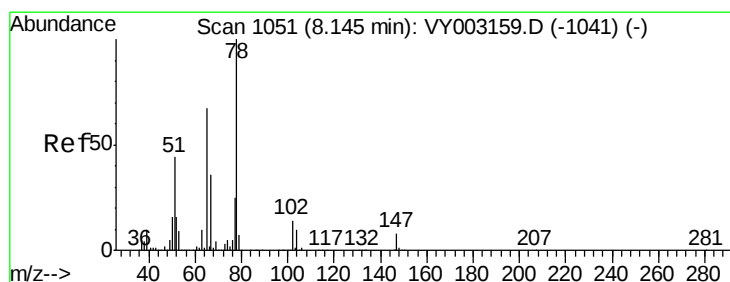
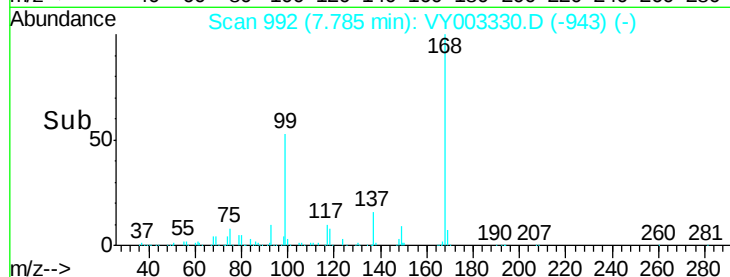
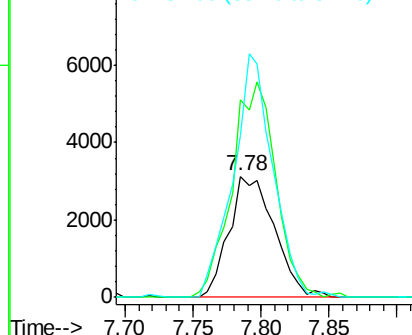
56 100

69 163.4 26.7 40.1#

84 133.4 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: 58.267 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003330.D

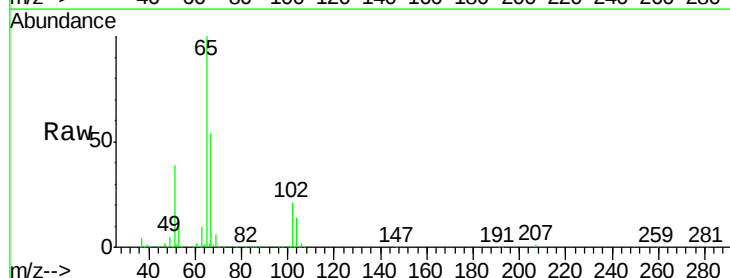
Acq: 23 Jul 2020 20:46

Tgt Ion: 65 Resp: 211402

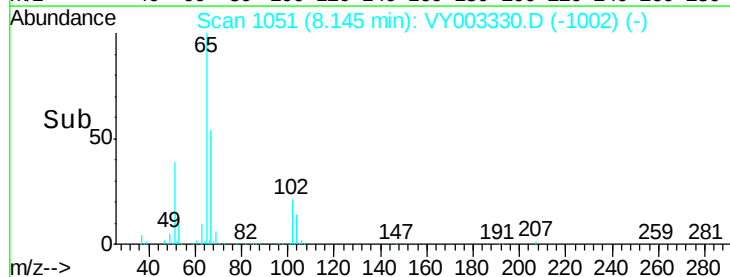
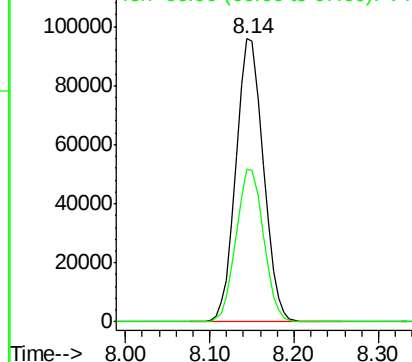
Ion Ratio Lower Upper

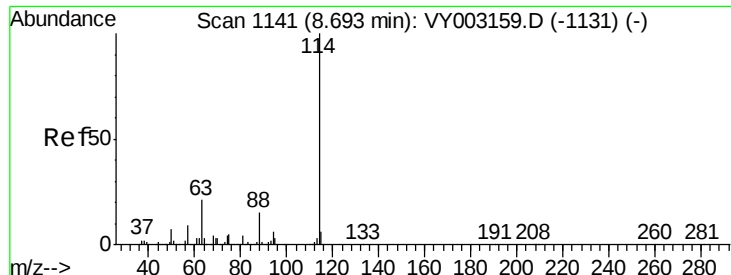
65 100

67 53.8 0.0 105.2



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

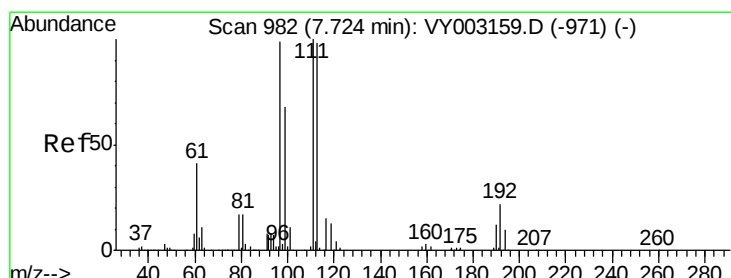
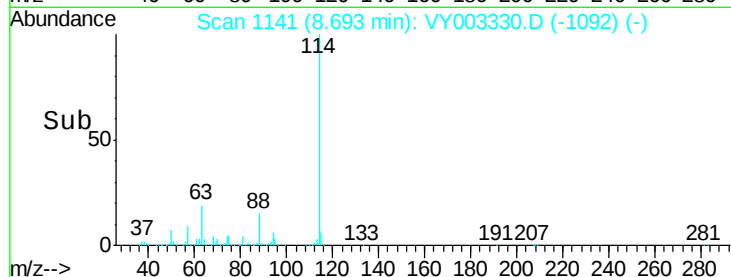
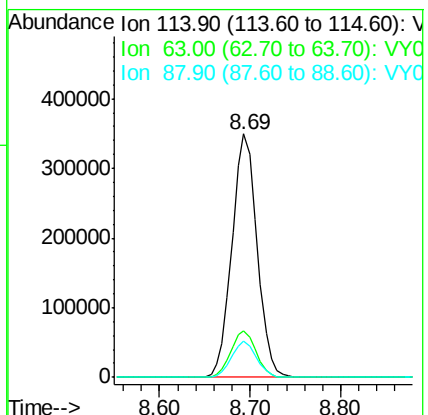
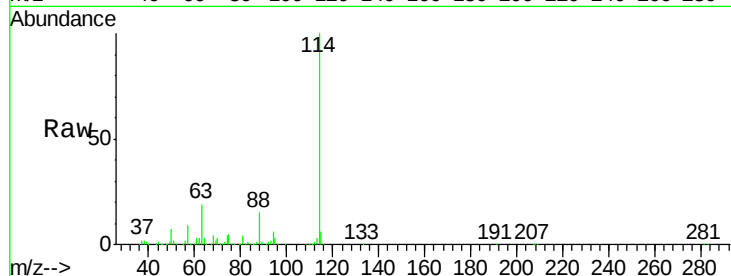




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003330.D
Acq: 23 Jul 2020 20:46

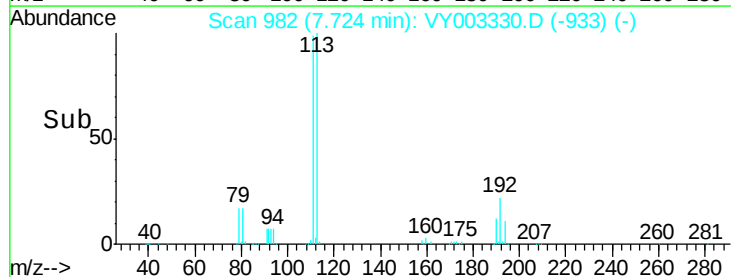
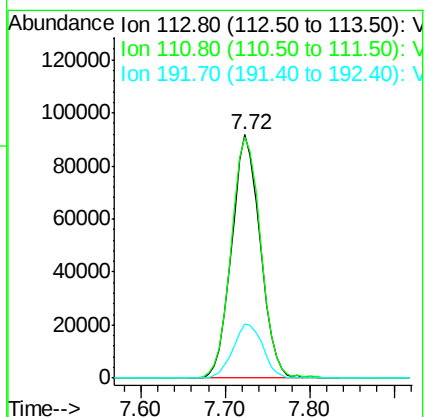
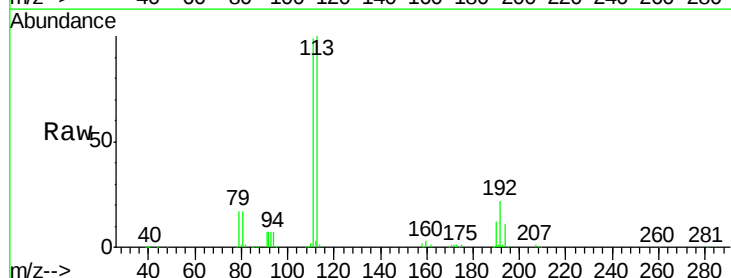
Instrument :
MSVOA_Y
ClientSampleId :
CRT-018

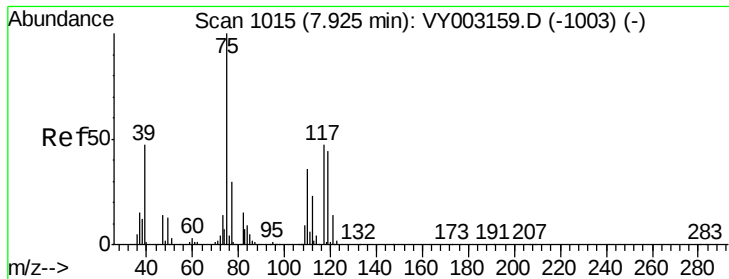
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.2
88	14.7	0.0	30.2



#35
Dibromofluoromethane
Concen: 54.423 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003330.D
Acq: 23 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	23.1	18.8	28.2

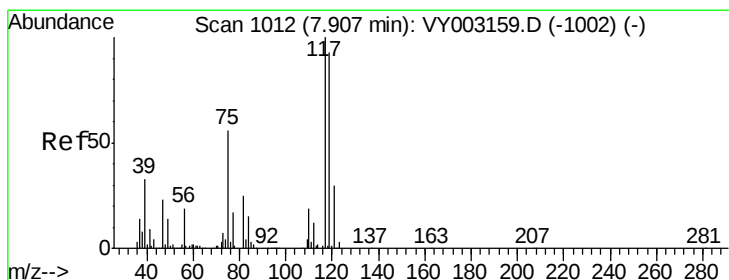
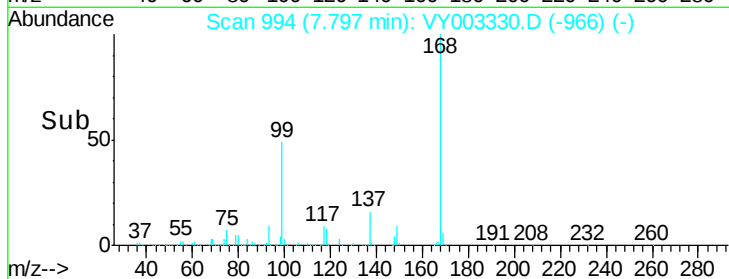
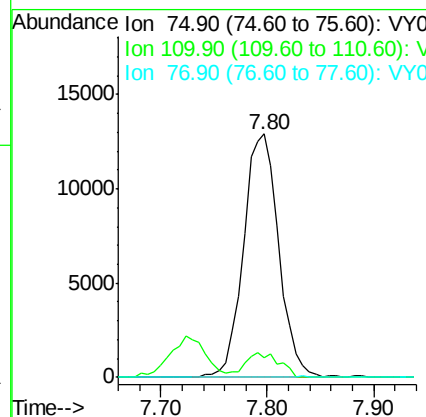
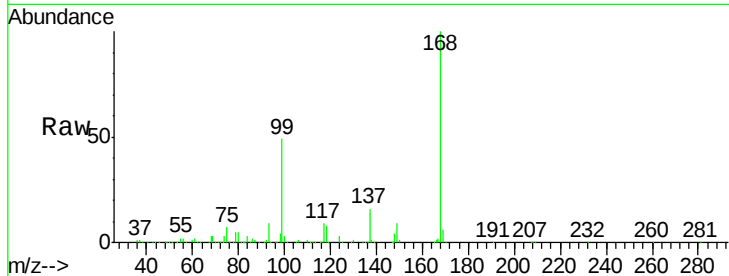




#36
 1,1-Dichloropropene
 Concen: 4.928 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003330.D
 Acq: 23 Jul 2020 20:46

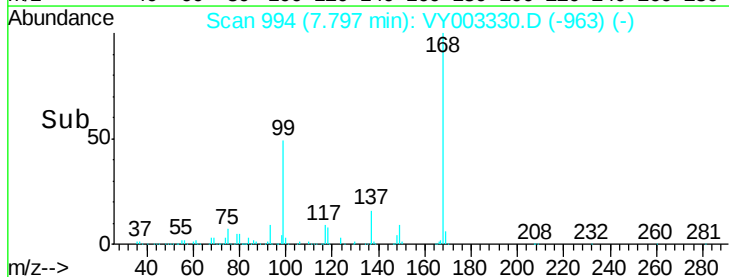
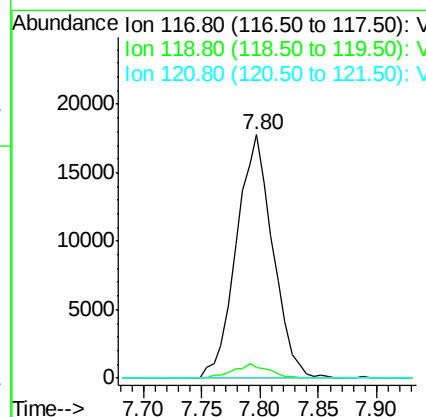
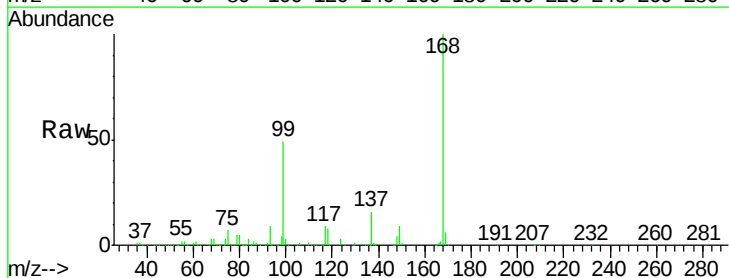
Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-018

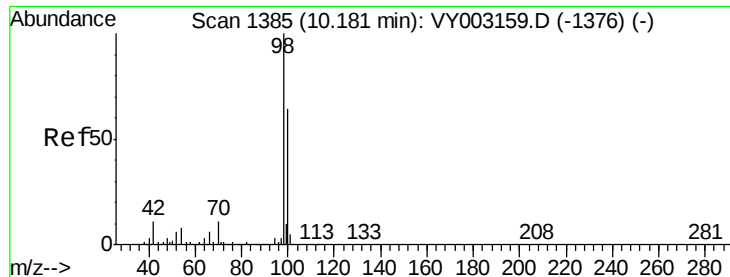
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.163 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003330.D
 Acq: 23 Jul 2020 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 56.213 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003330.D

Acq: 23 Jul 2020 20:46

Instrument :

MSVOA_Y

ClientSampled :

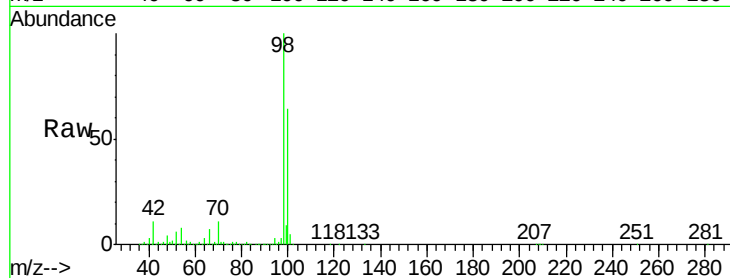
CRT-018

Tot Ion: 98 Resp: 807613

Ion Ratio Lower Upper

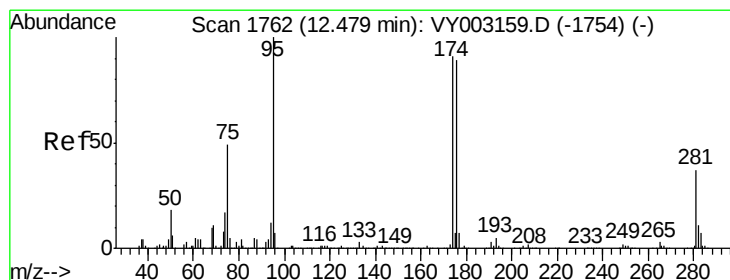
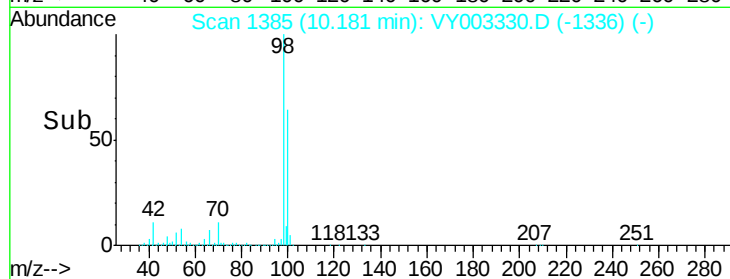
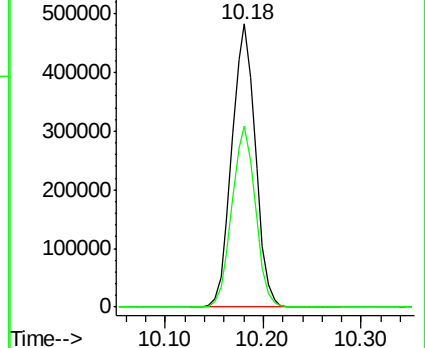
98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.697 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003330.D

Acq: 23 Jul 2020 20:46

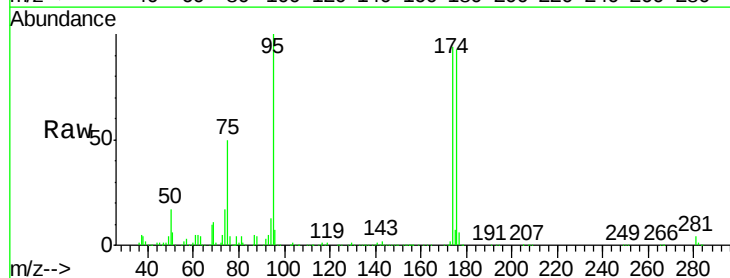
Tgt Ion: 95 Resp: 257939

Ion Ratio Lower Upper

95 100

174 95.2 0.0 190.6

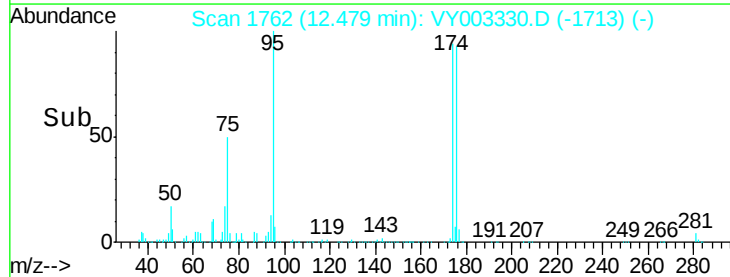
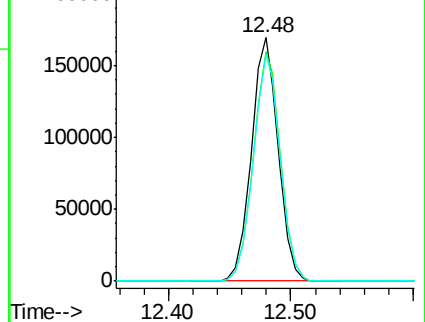
176 93.3 0.0 186.4

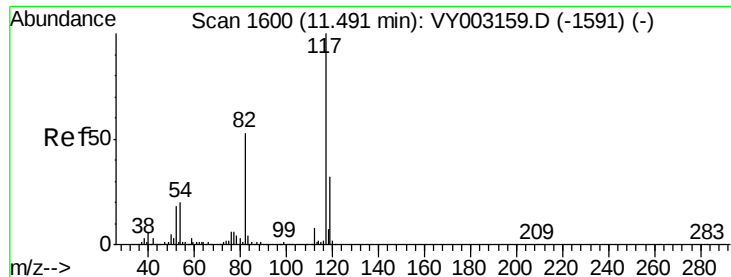


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

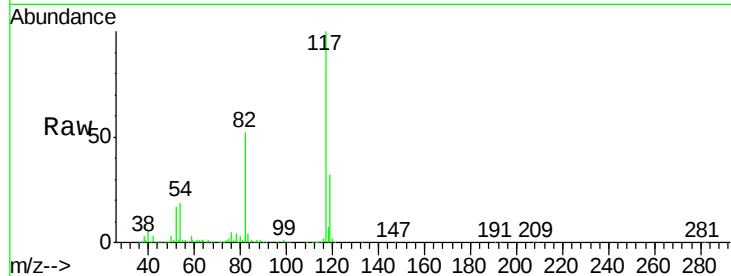




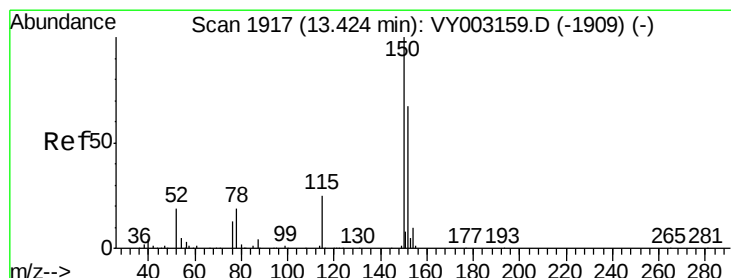
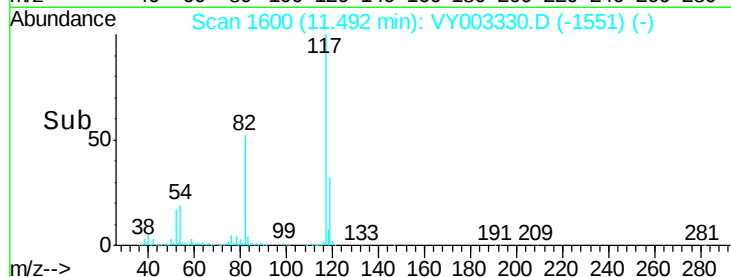
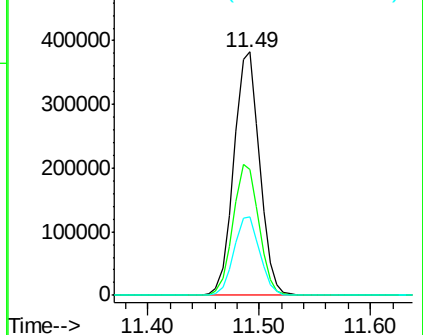
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003330.D
Acq: 23 Jul 2020 20:46

Instrument :
MSVOA_Y
ClientSampled :
CRT-018

Tot Ion:117 Resp: 611134
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 32.0 25.5 38.3

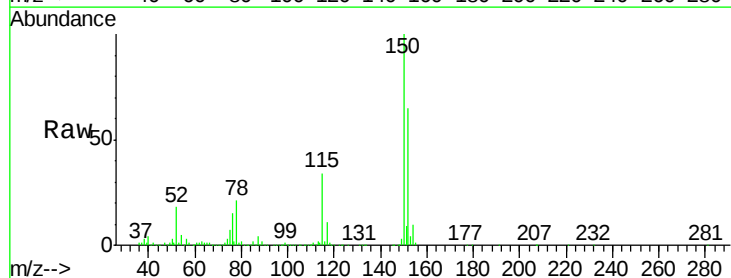


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

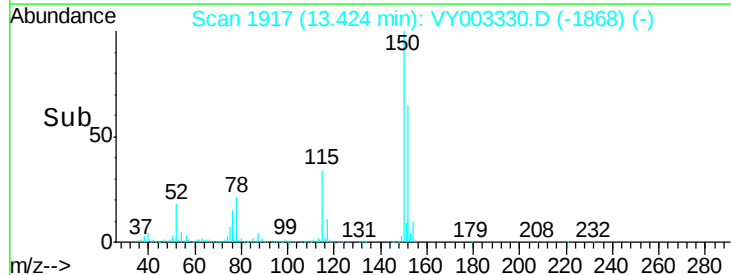
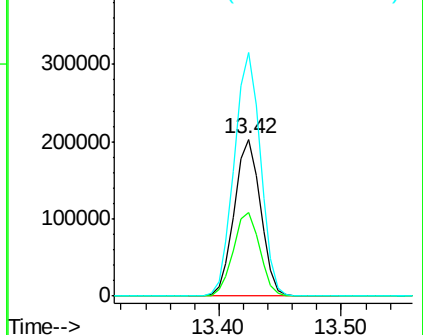


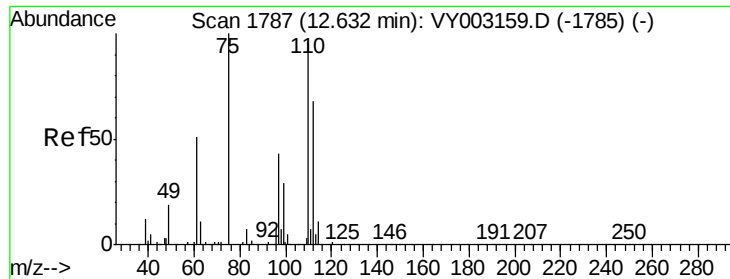
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003330.D
Acq: 23 Jul 2020 20:46

Tgt Ion:152 Resp: 301492
Ion Ratio Lower Upper
152 100
115 53.6 26.9 80.7
150 155.6 0.0 338.0



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

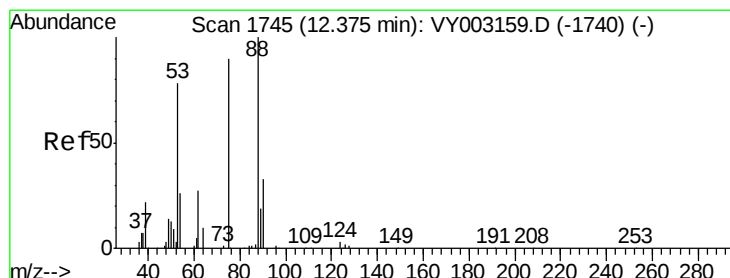
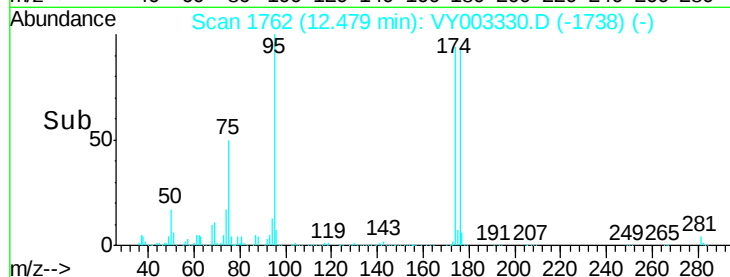
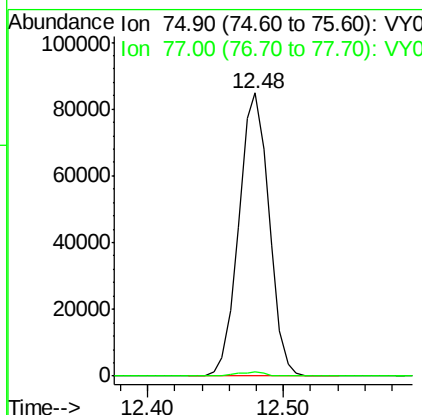
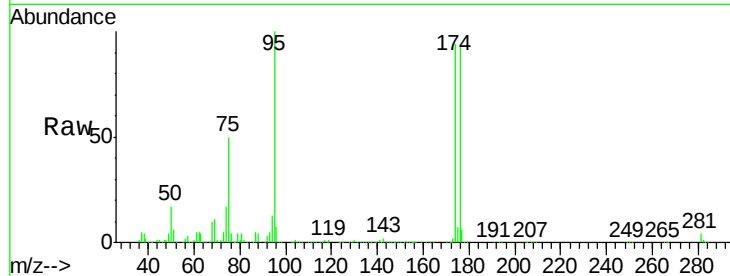




#76
 1,2,3-Trichloropropane
 Concen: 49.252 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003330.D
 Acq: 23 Jul 2020 20:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-018

Tot Ion: 75 Resp: 131440
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.854 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003330.D
 Acq: 23 Jul 2020 20:46

Tgt Ion: 75 Resp: 131440
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.1 37.3 55.9#

