

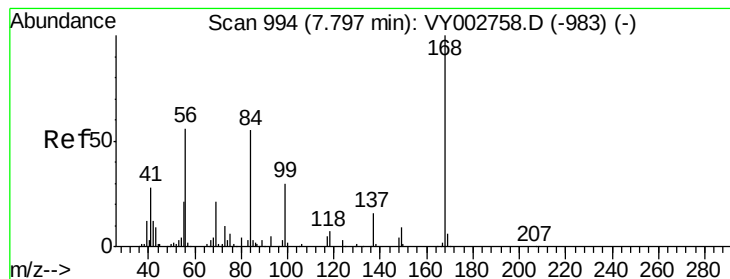
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002858.D
 Acq On : 05 Jun 2020 19:24
 Operator : SY/MD
 Sample : L2939-03
 Misc : 7.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-011

Quant Time: Jun 06 07:59:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	302582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	487178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	443980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	157015	59.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.52%	
35) Dibromofluoromethane	7.72	113	153101	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
50) Toluene-d8	10.18	98	569042	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.48	95	187053	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
Target Compounds						
16) Acetone	3.96	43	1020	1.656	ug/l #	66
18) Methyl Acetate	4.50	43	842	Below Cal	#	54
20) Methylene Chloride	4.72	84	8366	2.779	ug/l	94
31) Cyclohexane	7.79	56	4729	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	18721	4.562	ug/l #	50
38) Carbon Tetrachloride	7.80	117	26456	5.803	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	87172	46.761	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87172	88.097	ug/l #	17

(#) = 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: VY002858.D

Acq: 05 Jun 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

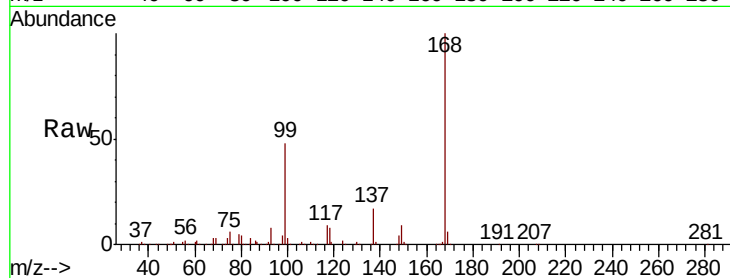
PHC-326FB-011

Tot Ion:168 Resp: 302582

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

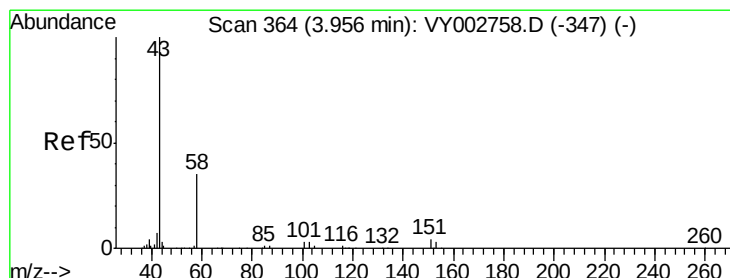
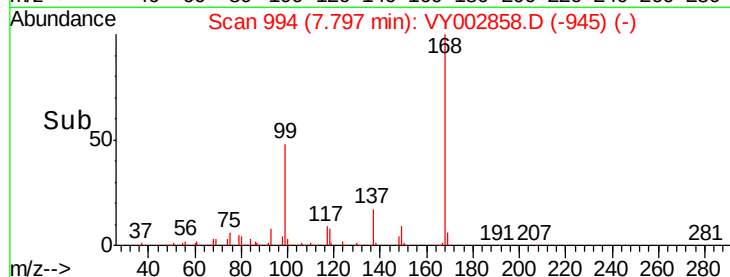
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.656 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002858.D

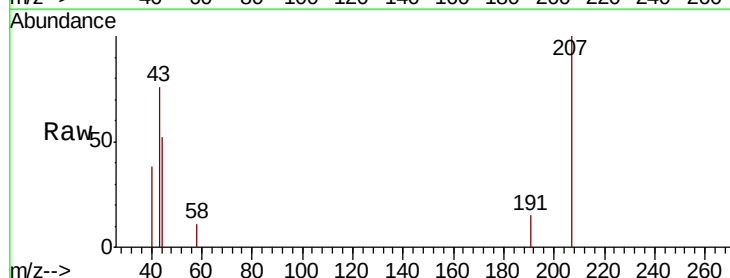
Acq: 05 Jun 2020 19:24

Tgt Ion: 43 Resp: 1020

Ion Ratio Lower Upper

43 100

58 14.8 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-347) (-)

3.96

400

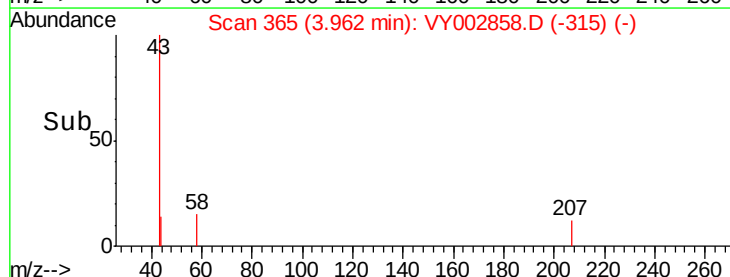
300

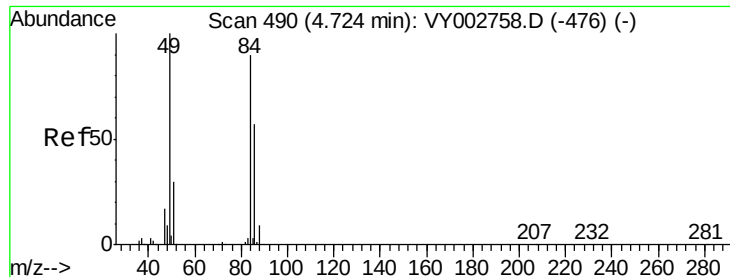
200

100

0

Time-->

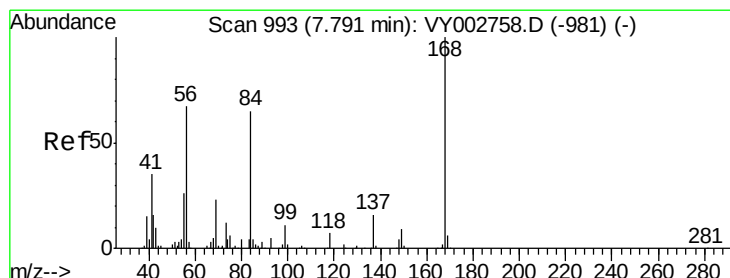
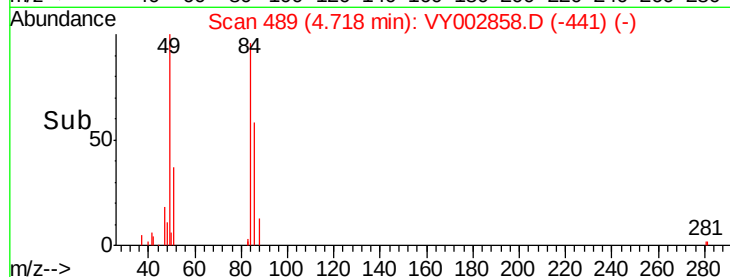
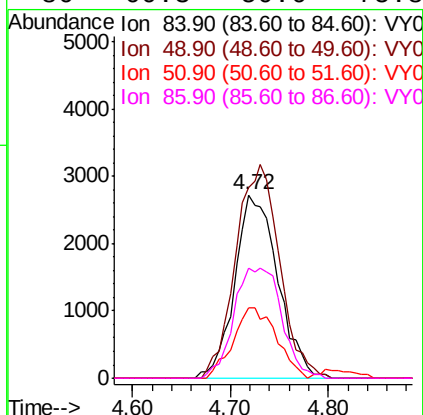
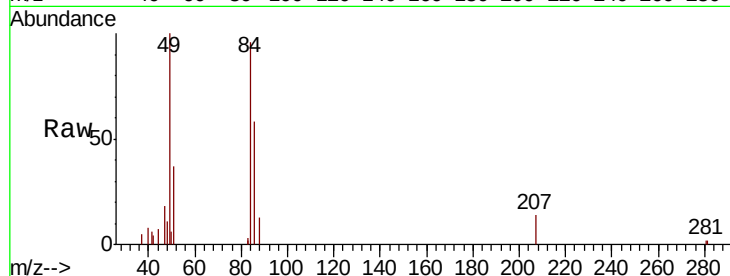




#20
Methylene Chloride
Concen: 2.779 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002858.D
Acq: 05 Jun 2020 19:24

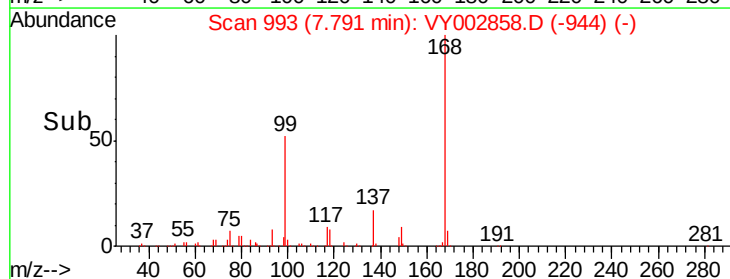
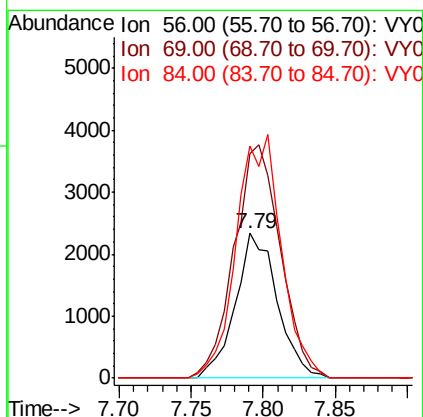
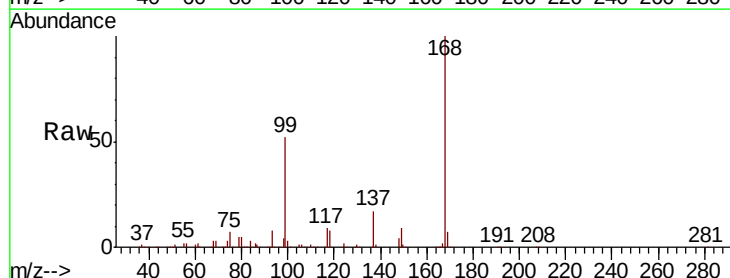
Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-011

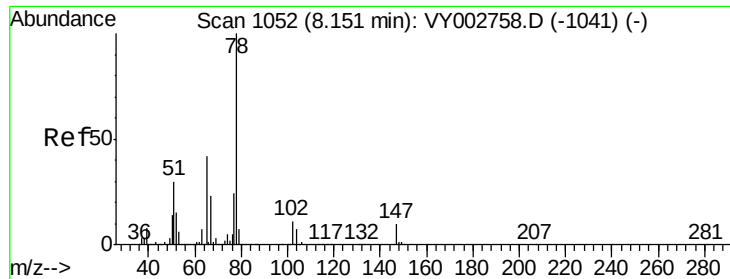
Tot Ion:	84	Resp:	8366
Ion	Ratio	Lower	Upper
84	100		
49	103.8	88.5	132.7
51	38.6	26.8	40.2
86	60.3	50.6	75.8



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002858.D
Acq: 05 Jun 2020 19:24

Tgt Ion:	56	Resp:	4729
Ion	Ratio	Lower	Upper
56	100		
69	155.3	28.0	42.0#
84	160.2	77.7	116.5#

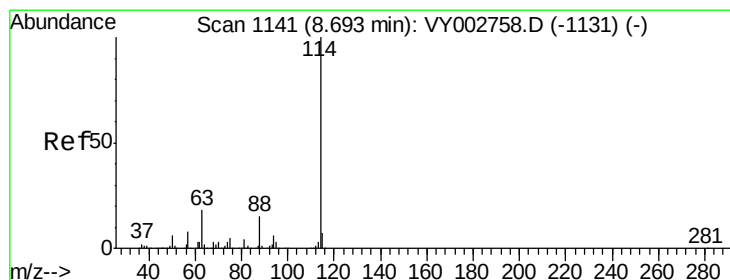
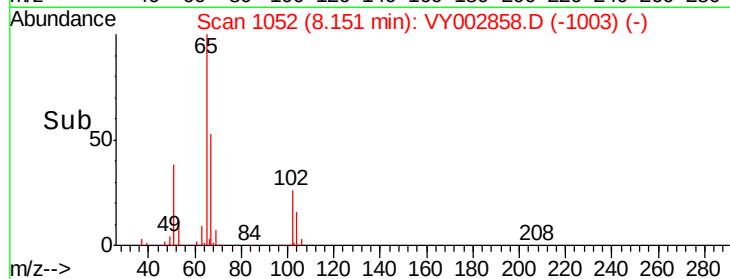
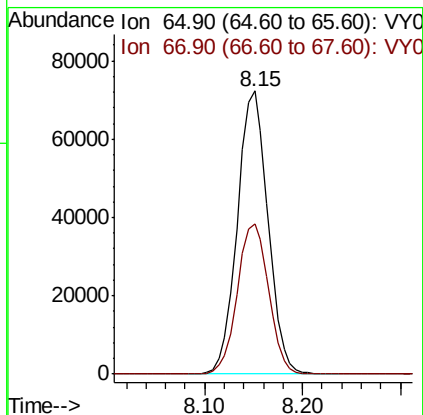
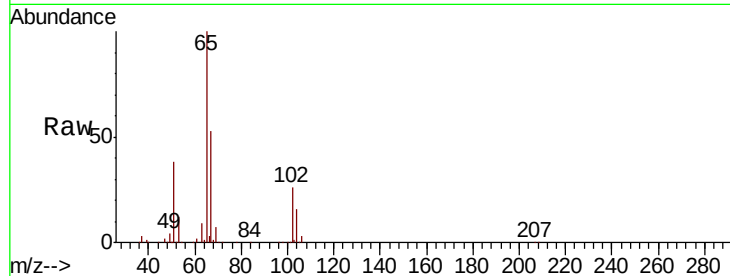




#33
 1,2-Dichloroethane-d4
 Concen: 59.764 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002858.D
 Acq: 05 Jun 2020 19:24

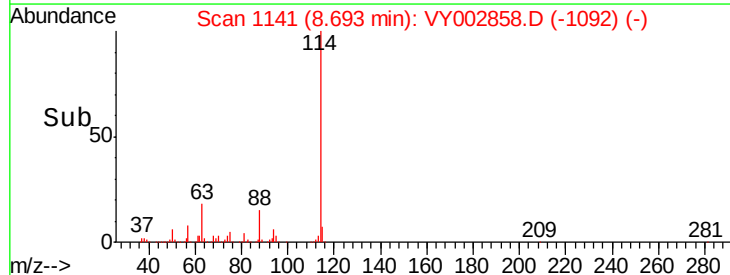
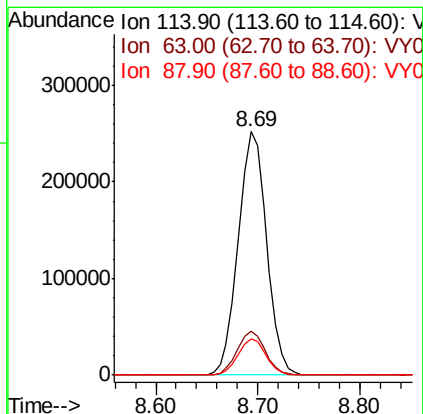
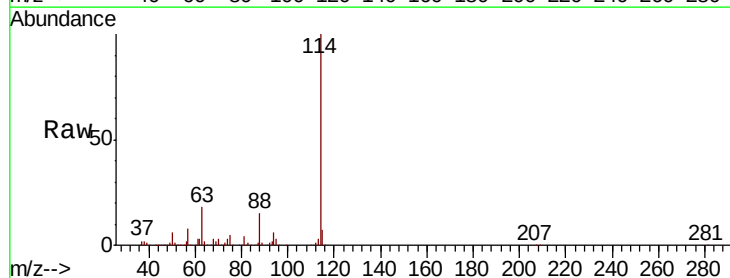
Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-011

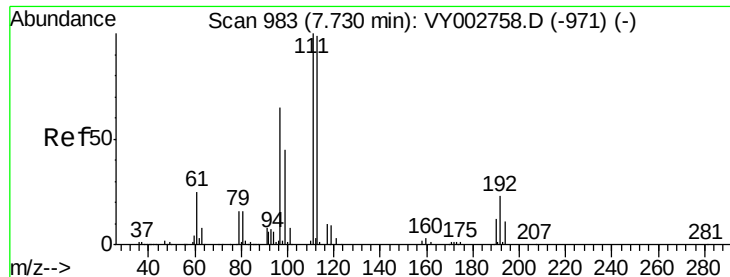
Tot Ion: 65 Resp: 157015
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002858.D
 Acq: 05 Jun 2020 19:24

Tgt Ion: 114 Resp: 487178
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 15.0 0.0 29.2

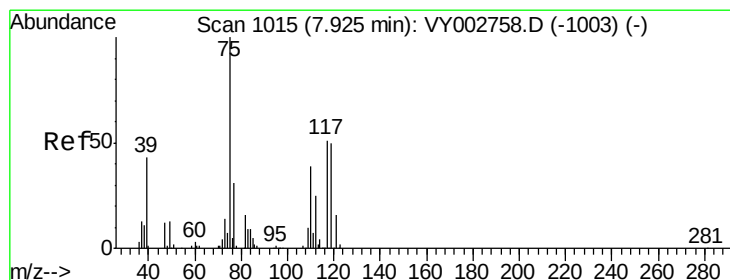
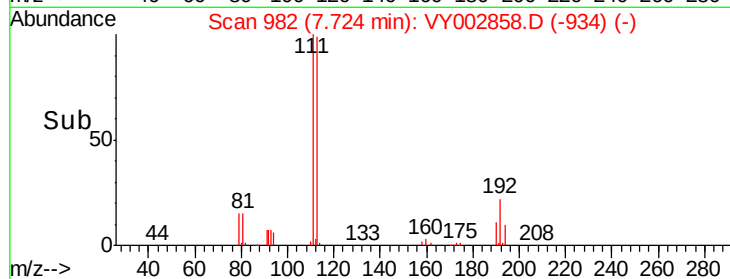
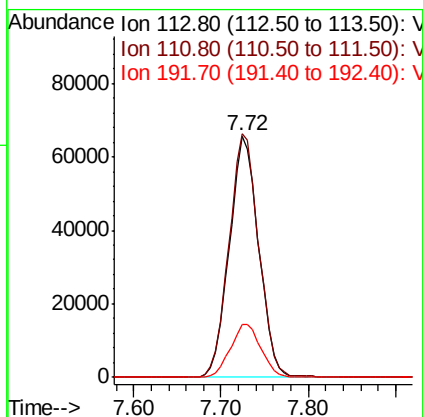
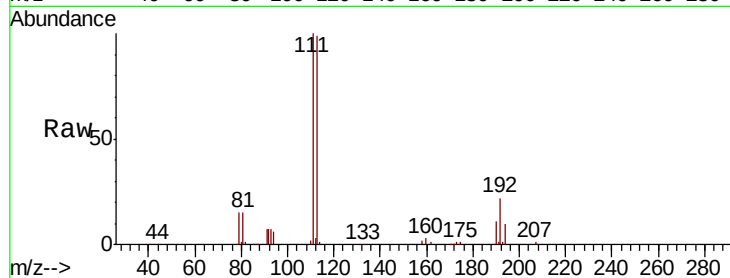




#35
 Dibromofluoromethane
 Concen: 53.624 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002858.D
 Acq: 05 Jun 2020 19:24

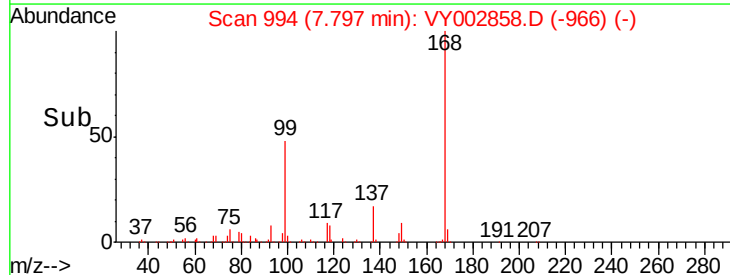
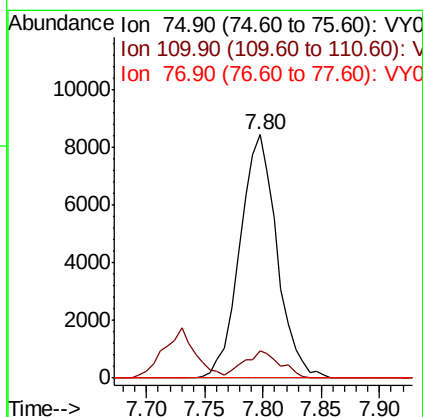
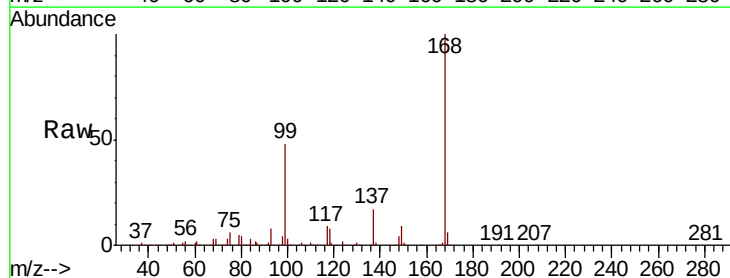
Instrument :
 MSVOA_Y
 ClientSampleId :
 PHC-326FB-011

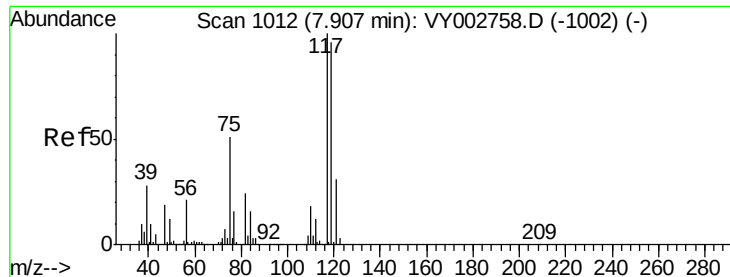
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	22.9	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.562 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002858.D
 Acq: 05 Jun 2020 19:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.803 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002858.D

Acq: 05 Jun 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

PHC-326FB-011

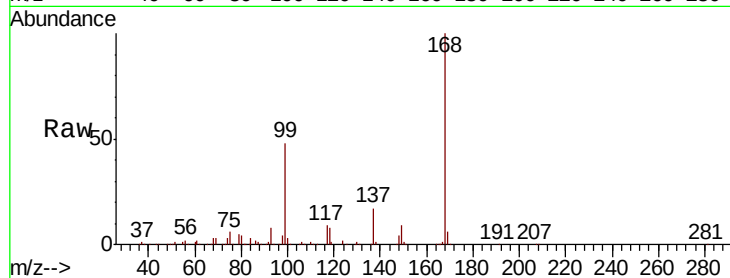
Tot Ion:117 Resp: 26456

Ion Ratio Lower Upper

117 100

119 6.5 76.8 115.2#

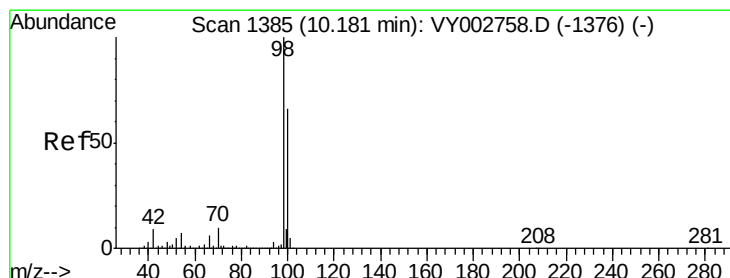
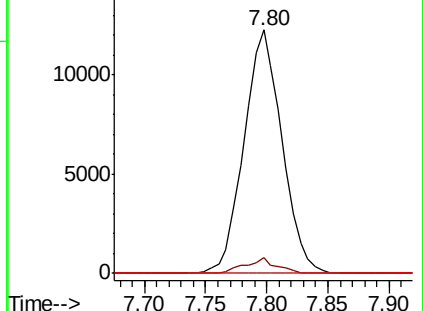
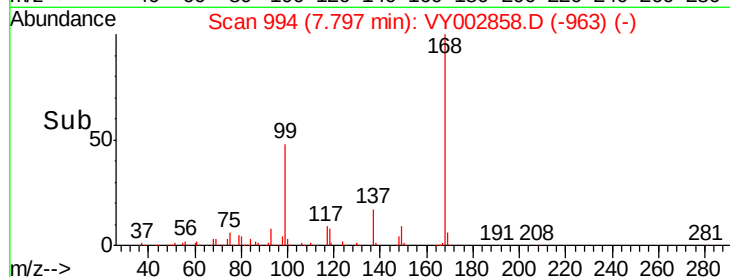
121 0.0 24.8 37.2#



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



#50

Toluene-d8

Concen: 49.293 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002858.D

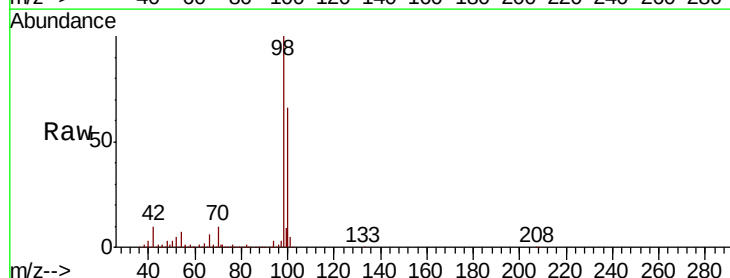
Acq: 05 Jun 2020 19:24

Tgt Ion: 98 Resp: 569042

Ion Ratio Lower Upper

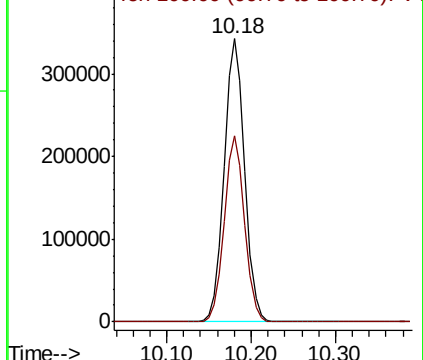
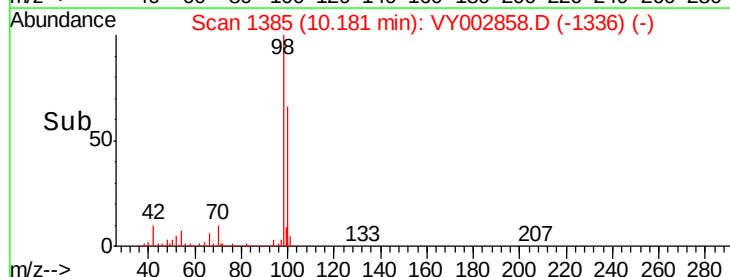
98 100

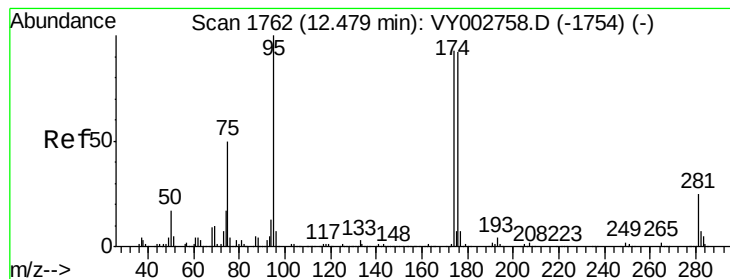
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 47.413 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002858.D

Acq: 05 Jun 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

PHC-326FB-011

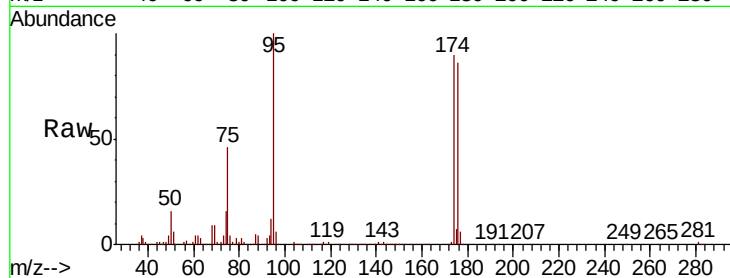
Tot Ion: 95 Resp: 187053

Ion Ratio Lower Upper

95 100

174 92.6 0.0 191.2

176 89.4 0.0 188.8

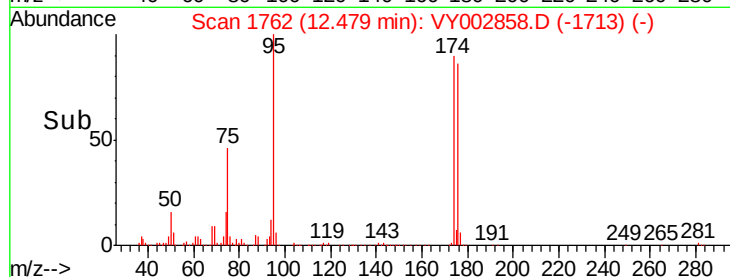


Abundance Ion 94.90 (94.60 to 95.60): VY002758.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002758.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002758.D (-1754) (-)

12.48



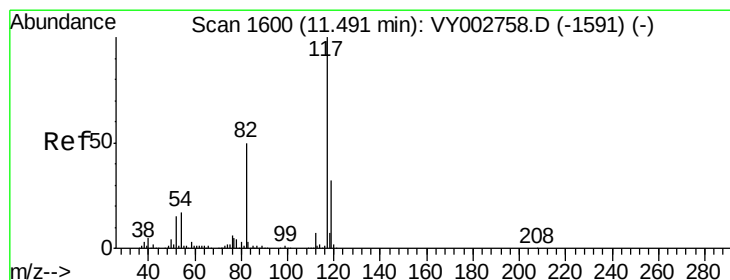
Abundance Ion 94.90 (94.60 to 95.60): VY002858.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY002858.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY002858.D (-1713) (-)

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: VY002858.D

Acq: 05 Jun 2020 19:24

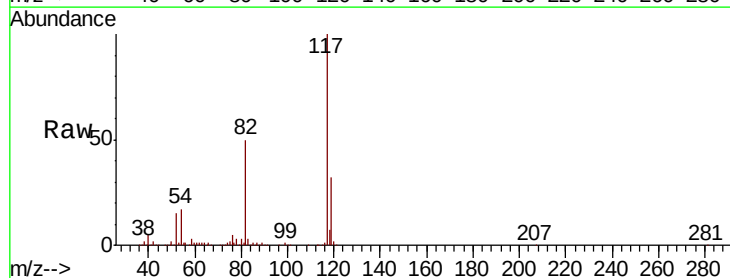
Tgt Ion: 117 Resp: 443980

Ion Ratio Lower Upper

117 100

82 50.0 40.2 60.4

119 31.7 25.8 38.8

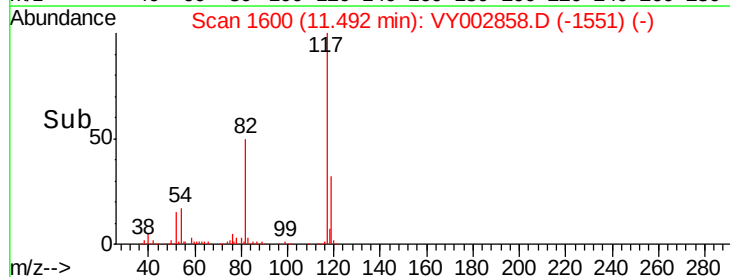


Abundance Ion 116.90 (116.60 to 117.60): VY002758.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002758.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002758.D (-1591) (-)

11.49



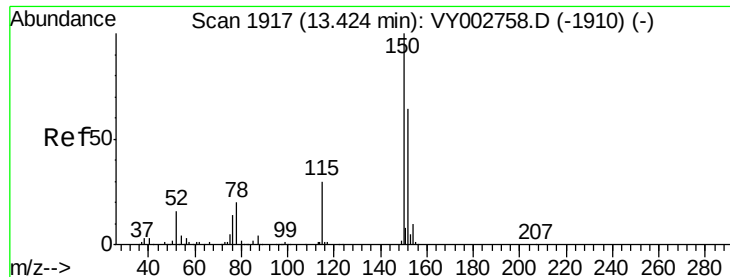
Abundance Ion 116.90 (116.60 to 117.60): VY002858.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY002858.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY002858.D (-1551) (-)

11.49

Time-->

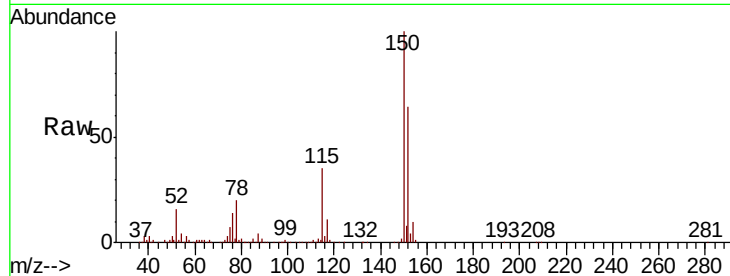


#72

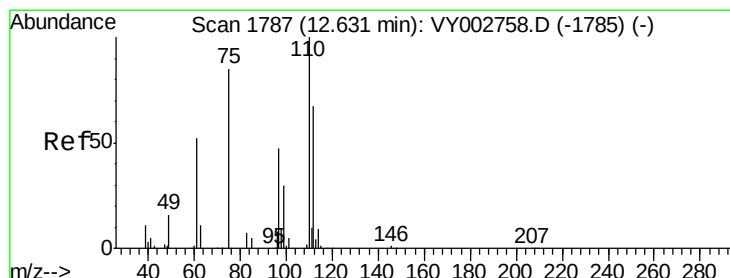
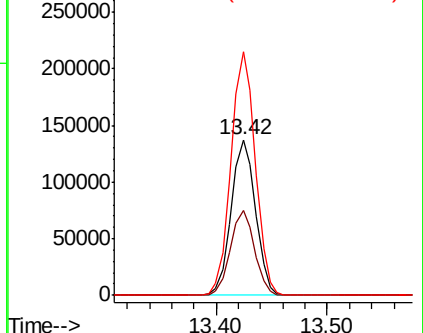
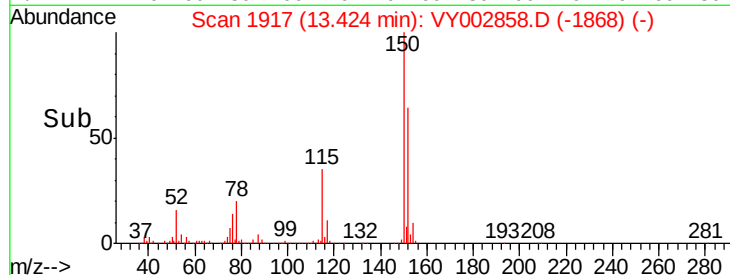
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002858.D
Acq: 05 Jun 2020 19:24

Instrument :
MSVOA_Y
ClientSampleId :
PHC-326FB-011

Tot Ion:152 Resp: 206889
Ion Ratio Lower Upper
152 100
115 54.4 27.0 81.0
150 156.7 0.0 344.8



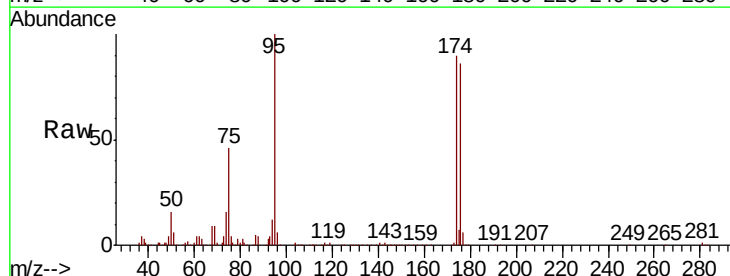
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



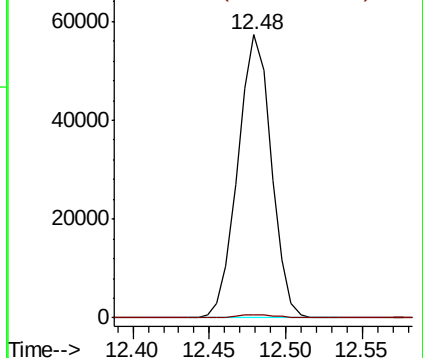
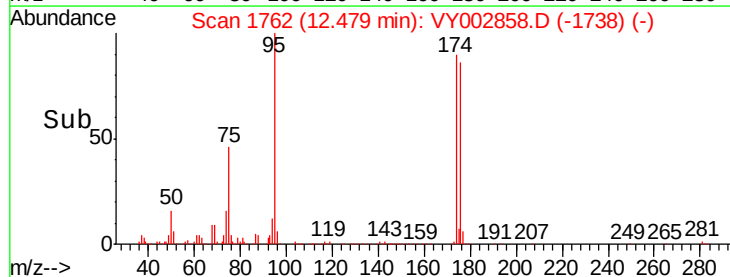
#76

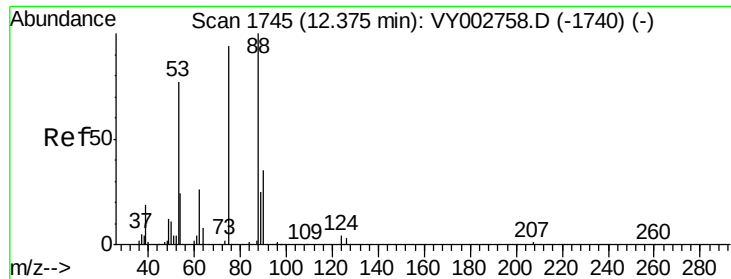
1,2,3-Trichloropropane
Concen: 46.761 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY002858.D
Acq: 05 Jun 2020 19:24

Tgt Ion: 75 Resp: 87172
Ion Ratio Lower Upper
75 100
77 1.5 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: 88.097 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002858.D

Acq: 05 Jun 2020 19:24

Instrument :

MSVOA_Y

ClientSampleId :

PHC-326FB-011

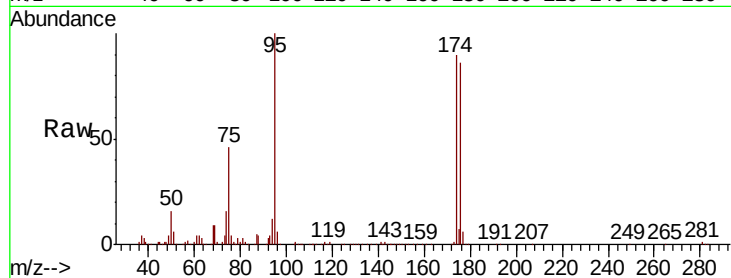
Tot Ion: 75 Resp: 87172

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#



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

