

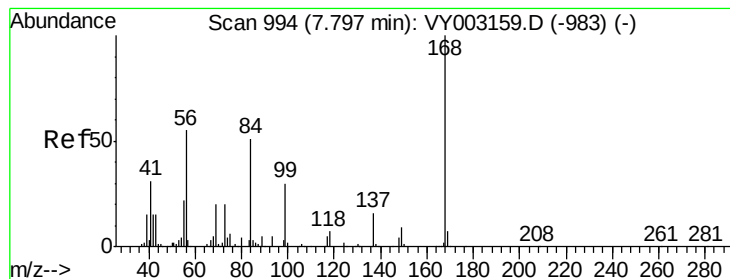
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003288.D
 Acq On : 22 Jul 2020 15:09
 Operator : SY/MD
 Sample : L3324-02RE
 Misc : 5.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB47198RTRE

Quant Time: Jul 23 05:43:12 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	385551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	602970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	535410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	201760	62.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.00%	
35) Dibromofluoromethane	7.72	113	188103	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
50) Toluene-d8	10.18	98	723546	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.48	95	212213	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
20) Methylene Chloride	4.72	84	17684	Below Cal		96
31) Cyclohexane	7.79	56	7041	1.190 ug/l #		3
36) 1,1-Dichloropropene	7.80	75	25838	4.728 ug/l #		51
38) Carbon Tetrachloride	7.79	117	33361	5.913 ug/l #		16
76) 1,2,3-Trichloropropane	12.48	75	110451	53.670 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.48	75	110451	104.451 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: VY003288.D

Acq: 22 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

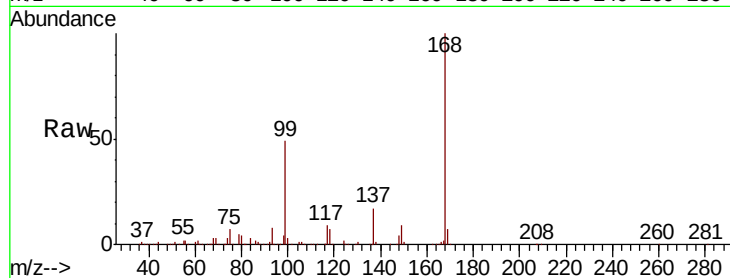
RB47198RTRE

Tot Ion:168 Resp: 385551

Ion Ratio Lower Upper

168 100

99 48.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

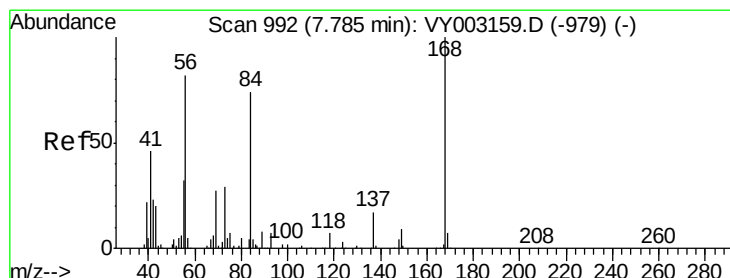
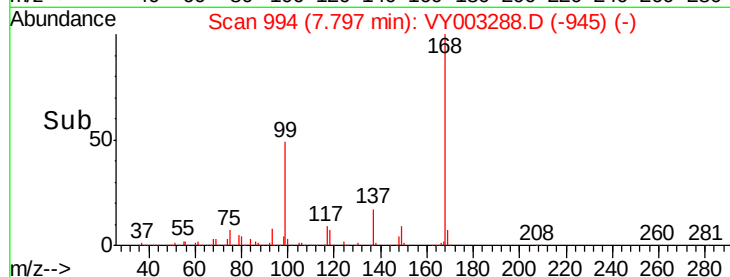
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 1.190 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003288.D

Acq: 22 Jul 2020 15:09

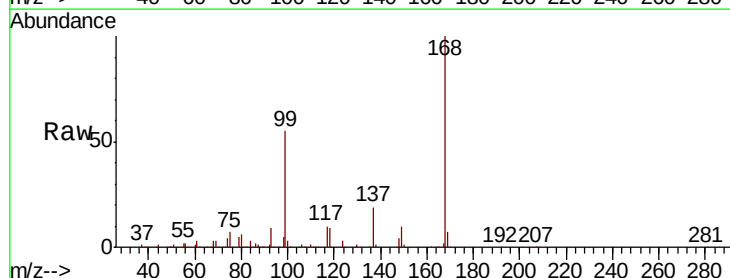
Tgt Ion: 56 Resp: 7041

Ion Ratio Lower Upper

56 100

69 151.0 26.7 40.1#

84 143.8 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY003159.D (-979) (-)

Ion 69.00 (68.70 to 69.70): VY003159.D (-979) (-)

Ion 84.00 (83.70 to 84.70): VY003159.D (-979) (-)

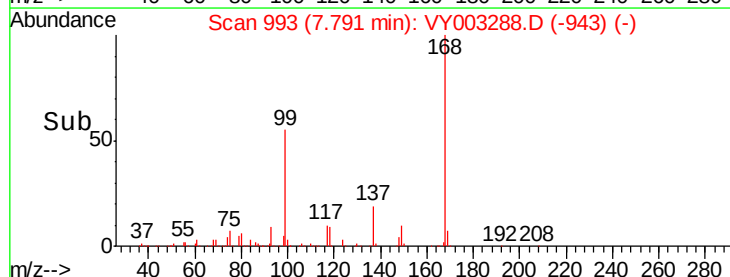
6000

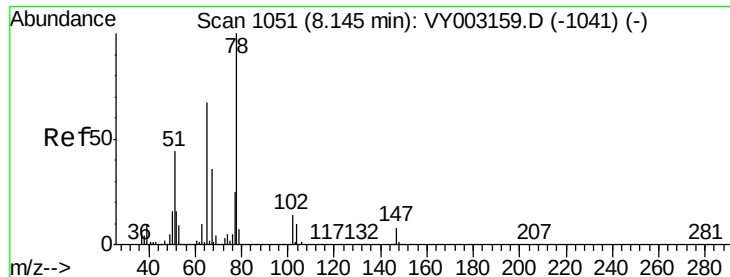
4000

2000

0

Time-->

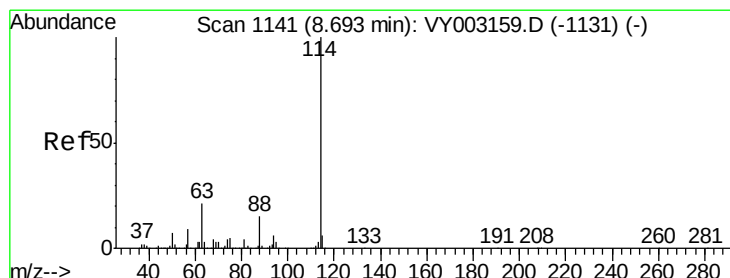
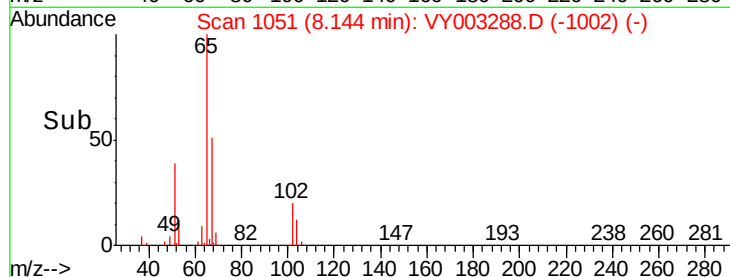
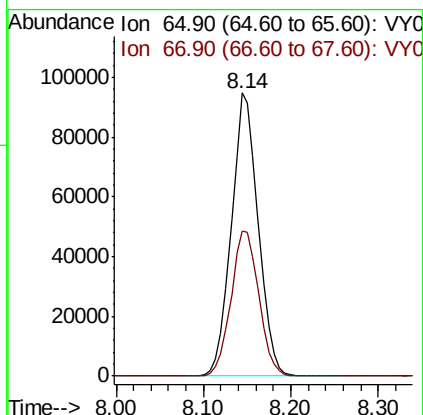
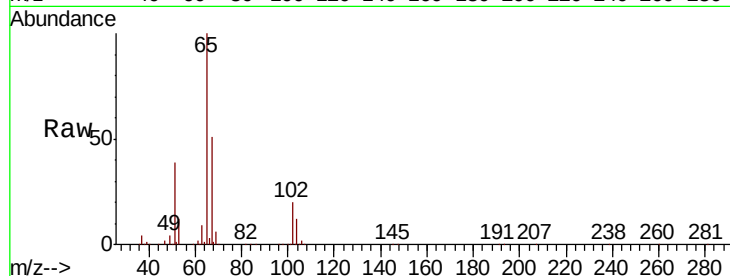




#33
 1,2-Dichloroethane-d4
 Concen: 62.000 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003288.D
 Acq: 22 Jul 2020 15:09

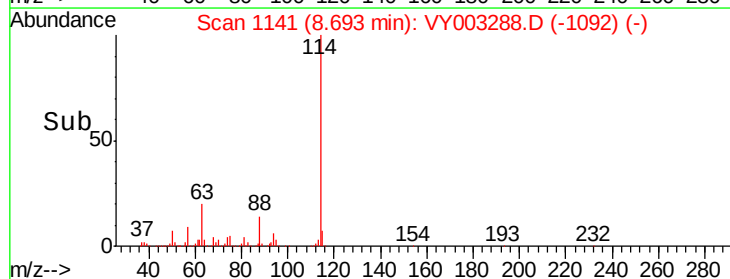
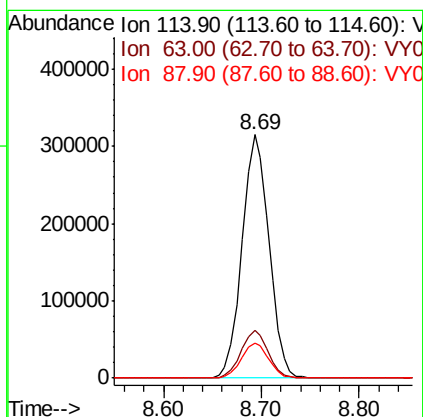
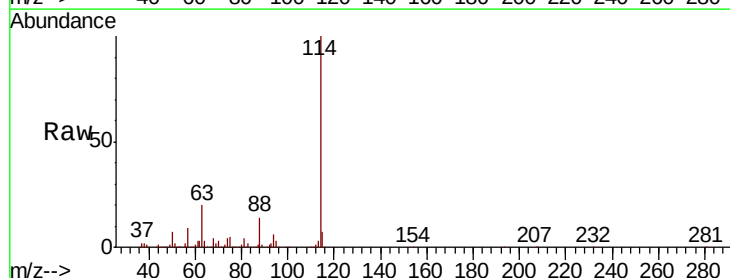
Instrument :
 MSVOA_Y
 ClientSampled :
 RB47198RTRE

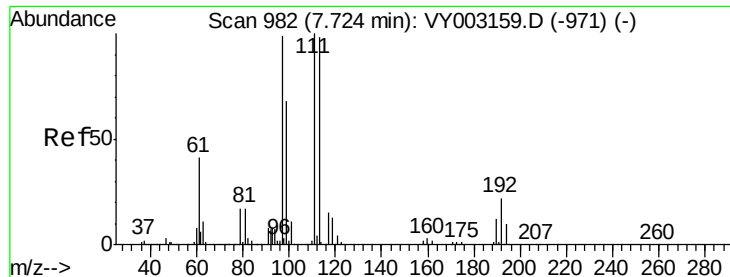
Tot Ion: 65 Resp: 201760
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003288.D
 Acq: 22 Jul 2020 15:09

Tgt Ion: 114 Resp: 602970
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.2
 88 14.3 0.0 30.2

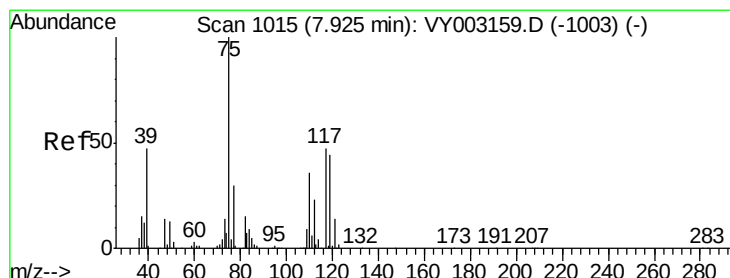
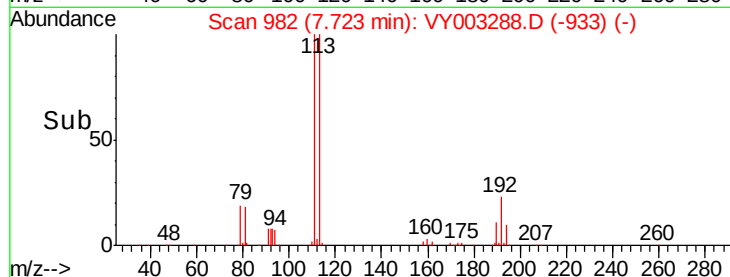
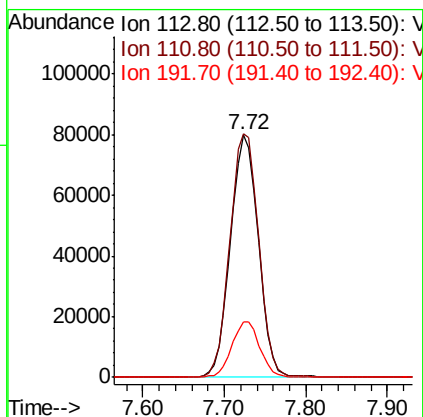
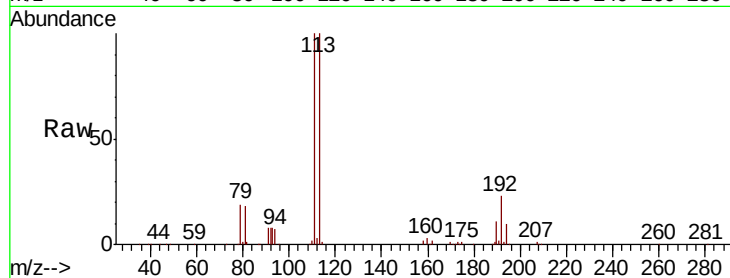




#35
 Dibromofluoromethane
 Concen: 54.209 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003288.D
 Acq: 22 Jul 2020 15:09

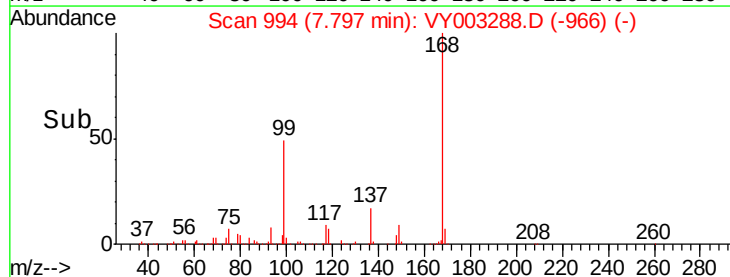
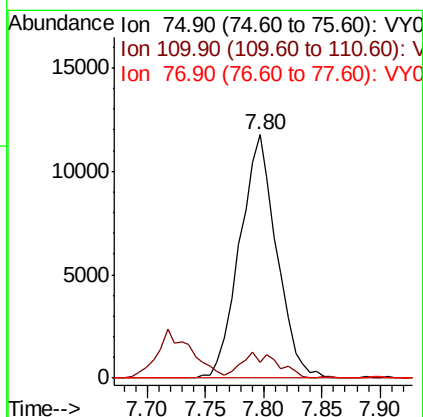
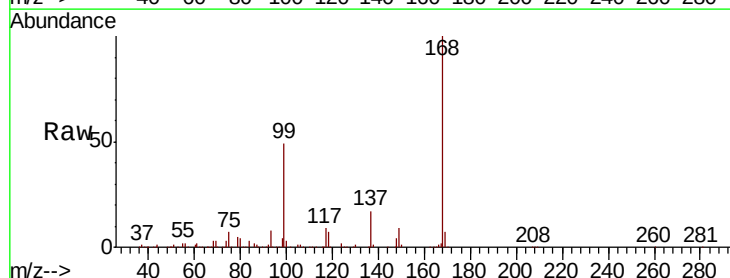
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB47198RTRE

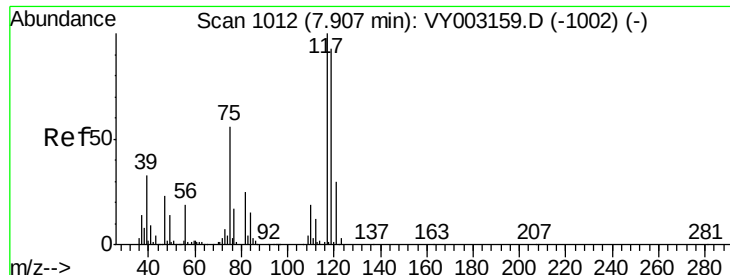
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	23.1	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.728 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003288.D
 Acq: 22 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.1#
77	0.0	24.8	37.2#

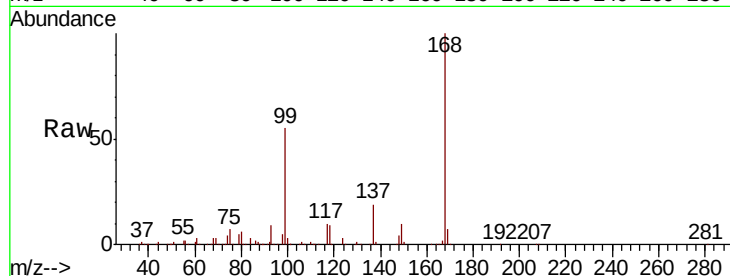




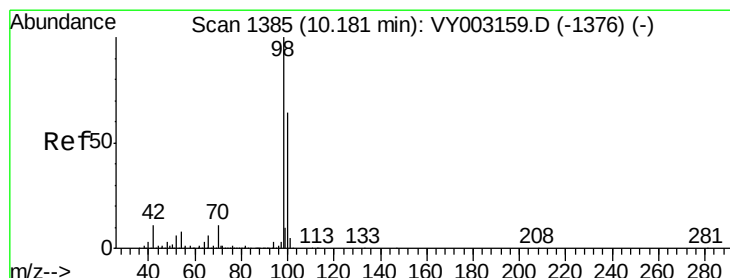
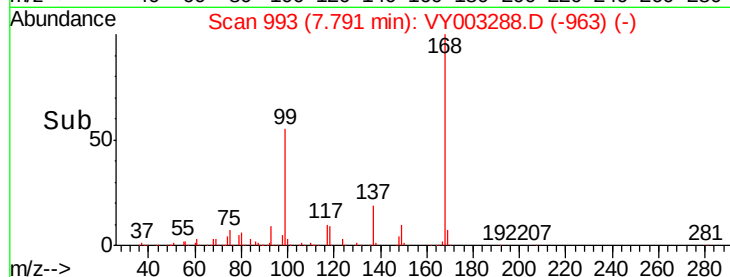
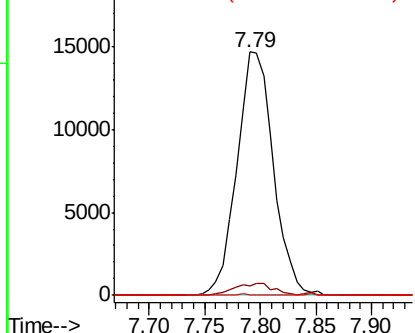
#38
Carbon Tetrachloride
Concen: 5.913 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003288.D
Acq: 22 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
RB47198RTRE

Tot Ion:117 Resp: 33361
Ion Ratio Lower Upper
117 100
119 4.1 74.5 111.7#
121 0.0 24.2 36.2#

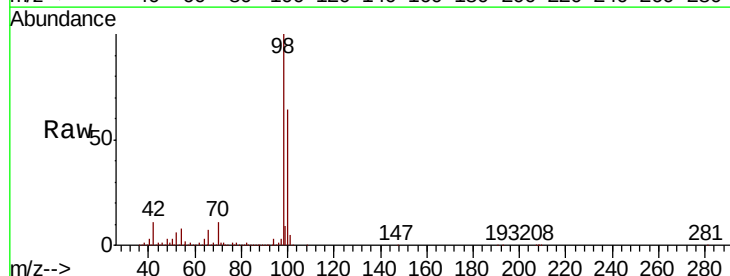


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

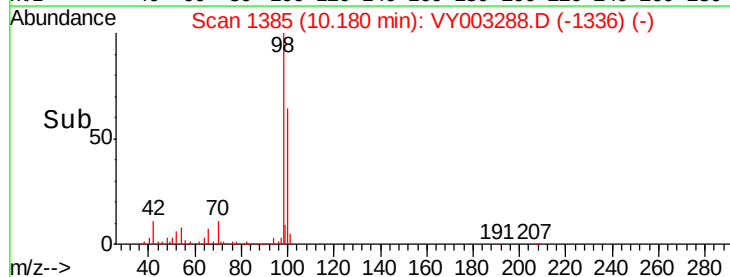
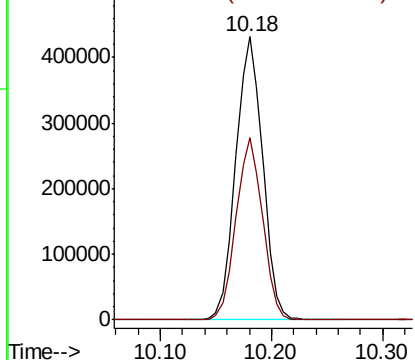


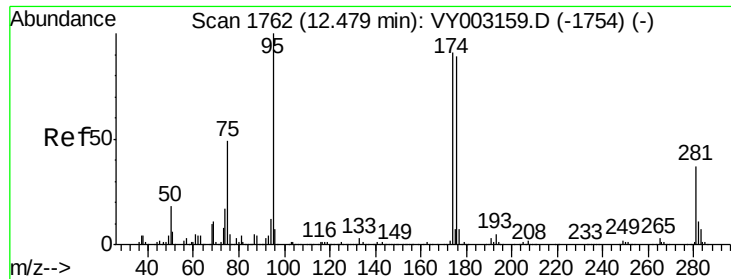
#50
Toluene-d8
Concen: 56.086 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003288.D
Acq: 22 Jul 2020 15:09

Tgt Ion: 98 Resp: 723546
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

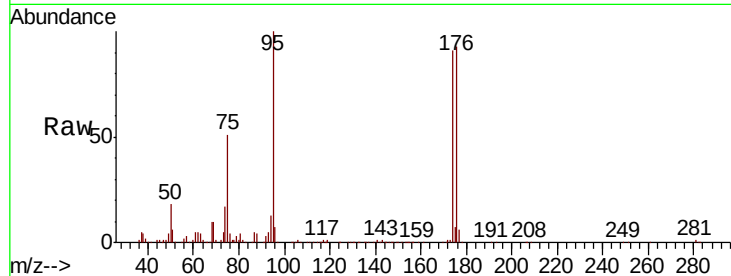




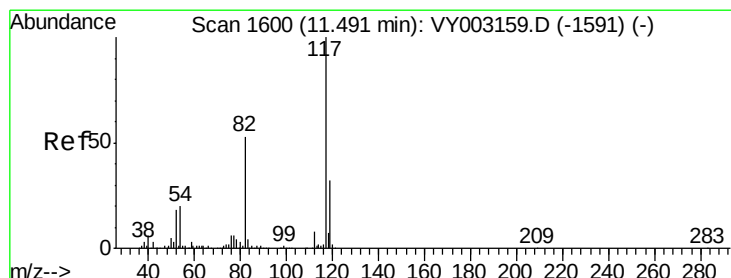
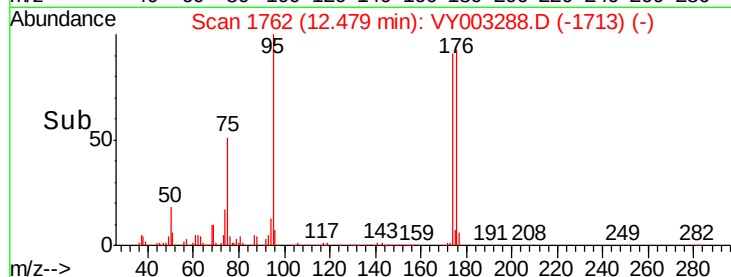
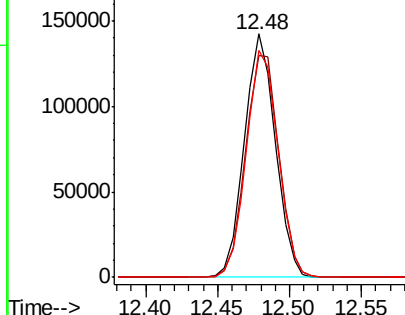
#62
4-Bromofluorobenzene
Concen: 45.534 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003288.D
Acq: 22 Jul 2020 15:09

Instrument :
MSVOA_Y
ClientSampleId :
RB47198RTRE

Tot Ion	95	Resp	212	213
Ion Ratio	100			
174	97.6	0.0	190.6	
176	95.2	0.0	186.4	

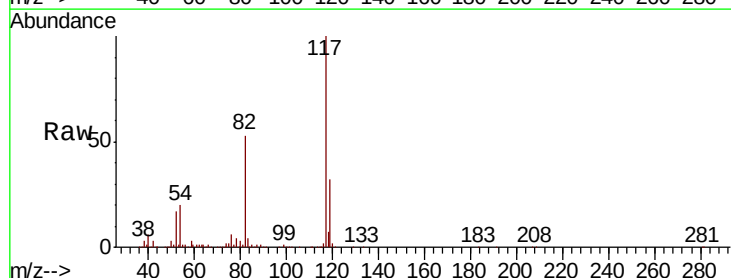


Abundance Ion 94.90 (94.60 to 95.60): VY003159.D (-1754) (-)
Ion 173.80 (173.50 to 174.50): VY003159.D (-1754) (-)
Ion 175.80 (175.50 to 176.50): VY003159.D (-1754) (-)

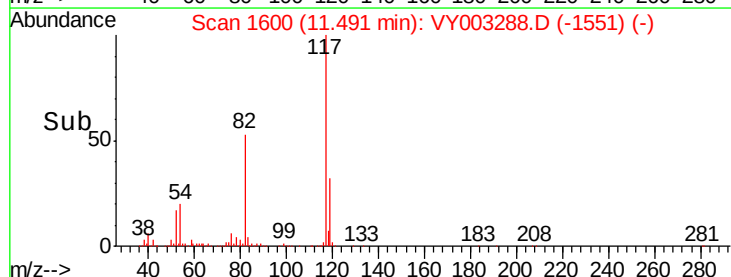
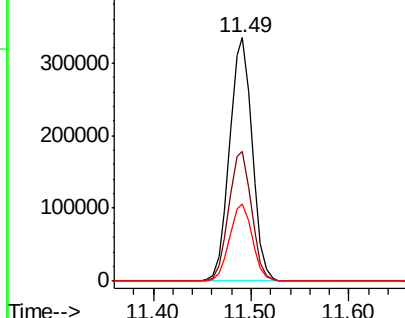


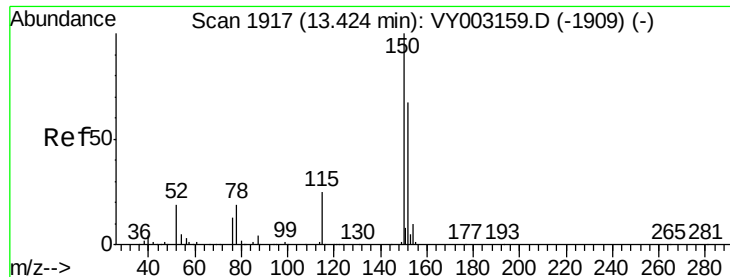
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003288.D
Acq: 22 Jul 2020 15:09

Tgt Ion	117	Resp	535	410
Ion Ratio	100			
82	53.3	42.0	63.0	
119	31.8	25.5	38.3	



Abundance Ion 116.90 (116.60 to 117.60): VY003159.D (-1591) (-)
Ion 82.00 (81.70 to 82.70): VY003159.D (-1591) (-)
Ion 118.90 (118.60 to 119.60): VY003159.D (-1591) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003288.D

Acq: 22 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

RB47198RTRE

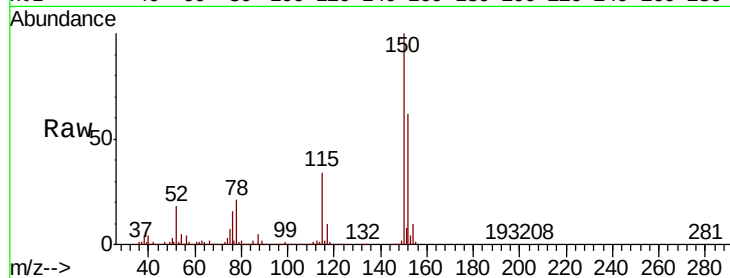
Tot Ion:152 Resp: 232495

Ion Ratio Lower Upper

152 100

115 54.2 26.9 80.7

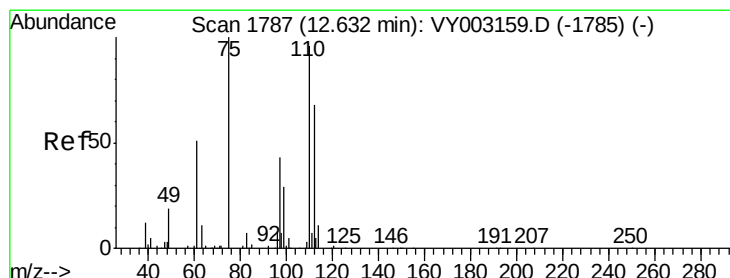
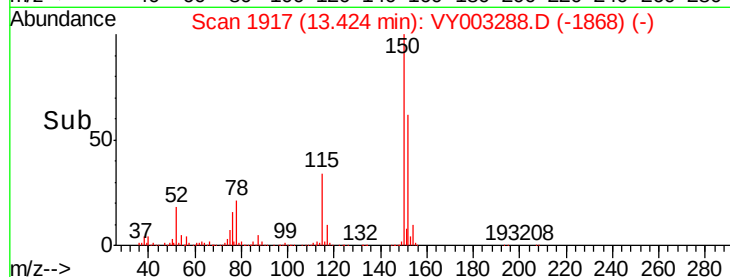
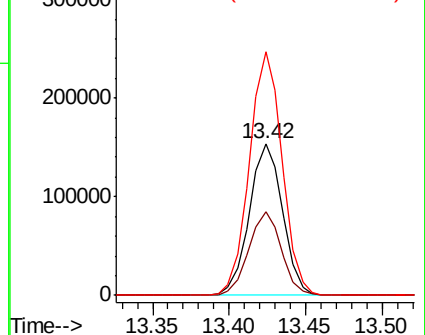
150 157.9 0.0 338.0



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: 53.670 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003288.D

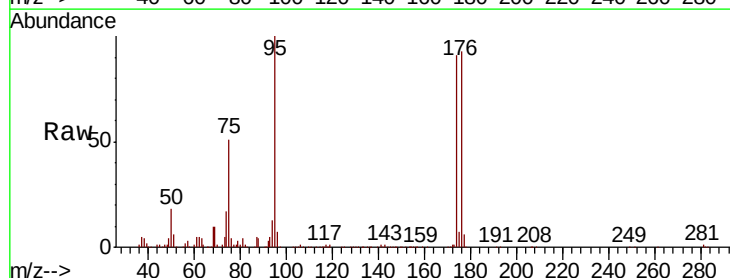
Acq: 22 Jul 2020 15:09

Tgt Ion: 75 Resp: 110451

Ion Ratio Lower Upper

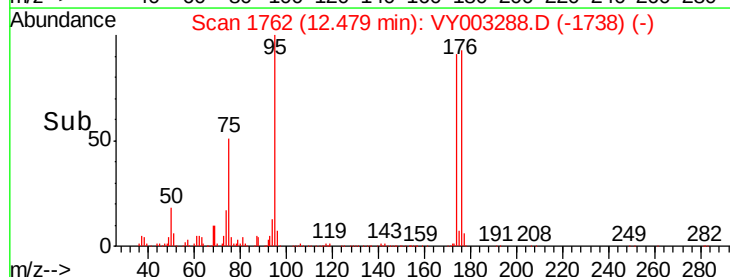
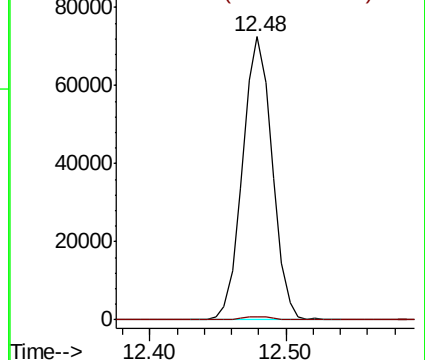
75 100

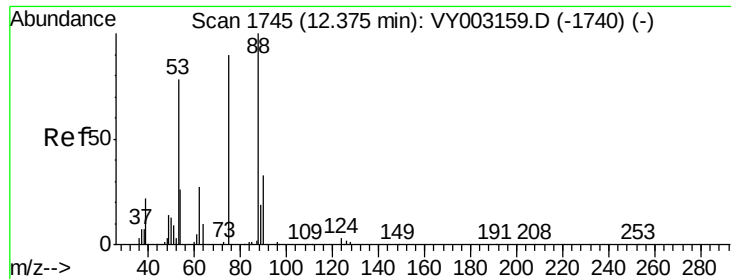
77 1.4 0.0 0.0#



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: 104.451 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003288.D

Acq: 22 Jul 2020 15:09

Instrument :

MSVOA_Y

ClientSampleId :

RB47198RTRE

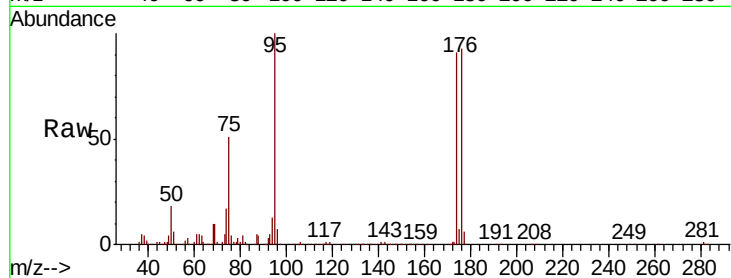
Tot Ion: 75 Resp: 110451

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 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

