

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003263.D
 Acq On : 21 Jul 2020 20:51
 Operator : SY/MD
 Sample : L3344-06
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-S2

Quant Time: Jul 22 02:46:22 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

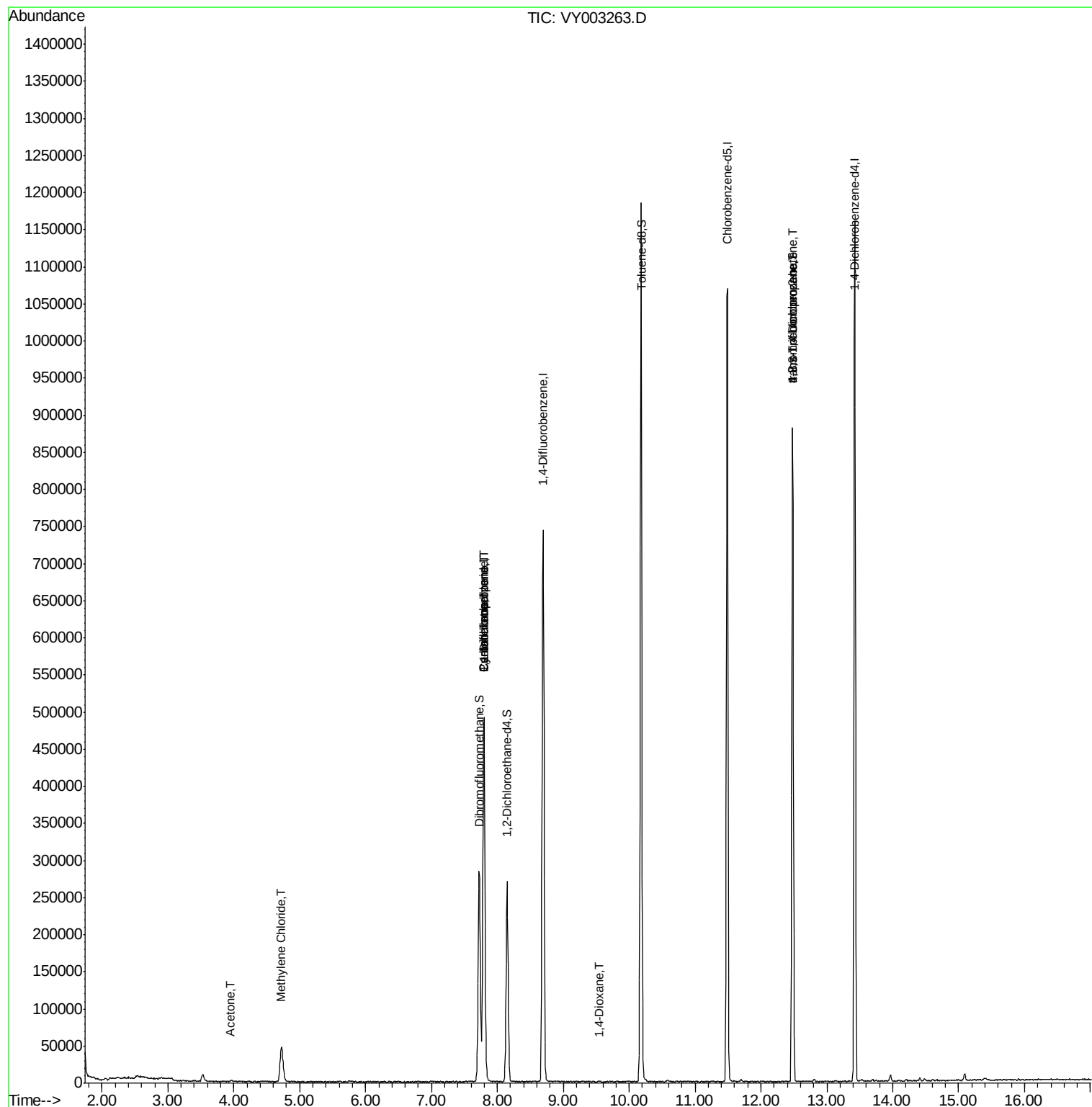
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	409873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	642312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	590418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	297901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	209733	60.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.26%	
35) Dibromofluoromethane	7.72	113	199784	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
50) Toluene-d8	10.18	98	781022	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
62) 4-Bromofluorobenzene	12.48	95	251587	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
Target Compounds						
16) Acetone	3.96	43	2690	3.481	ug/l	90
20) Methylene Chloride	4.72	84	38642	4.992	ug/l	97
31) Cyclohexane	7.79	56	7444	1.183	ug/l #	12
36) 1,1-Dichloropropene	7.80	75	28059	4.820	ug/l #	49
38) Carbon Tetrachloride	7.79	117	36126	6.011	ug/l #	18
49) 1,4-Dioxane	9.55	88	42	1.366	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	128230	48.628	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	128230	94.640	ug/l #	13

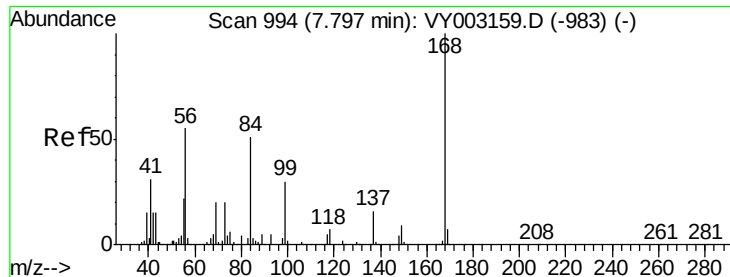
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
Data File : VY003263.D
Acq On : 21 Jul 2020 20:51
Operator : SY/MD
Sample : L3344-06
Misc : 7.36G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-14-S2

Quant Time: Jul 22 02:46:22 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: VY003263.D

Acq: 21 Jul 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

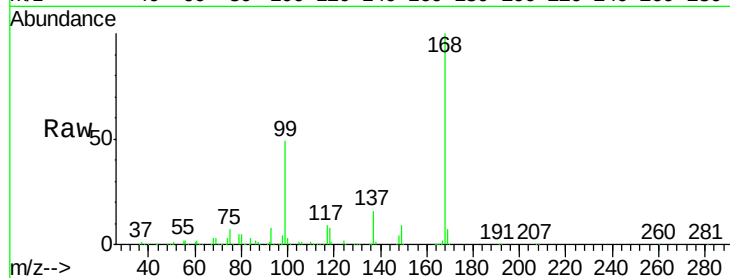
TP-14-S2

Tot Ion:168 Resp: 409873

Ion Ratio Lower Upper

168 100

99 48.8 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

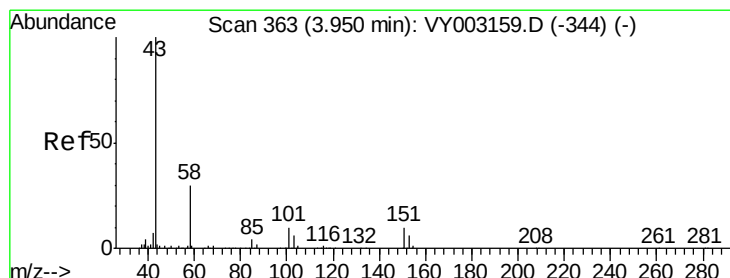
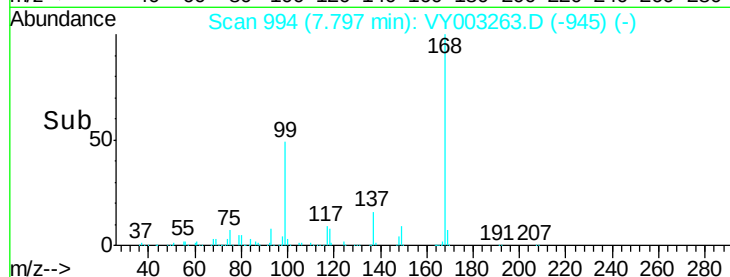
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.481 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003263.D

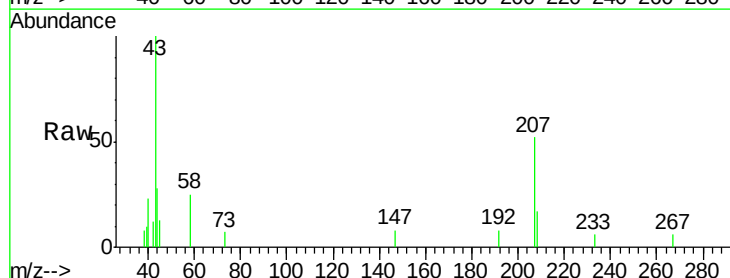
Acq: 21 Jul 2020 20:51

Tgt Ion: 43 Resp: 2690

Ion Ratio Lower Upper

43 100

58 24.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

1200

1000

800

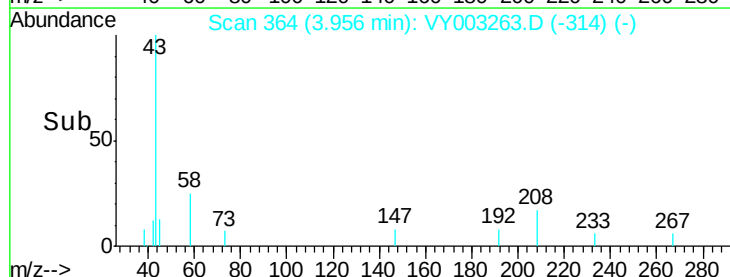
600

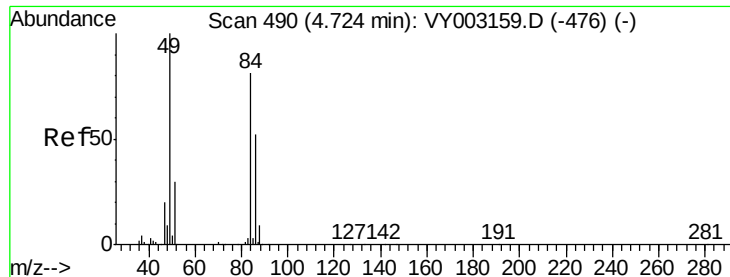
400

200

0

Time-->

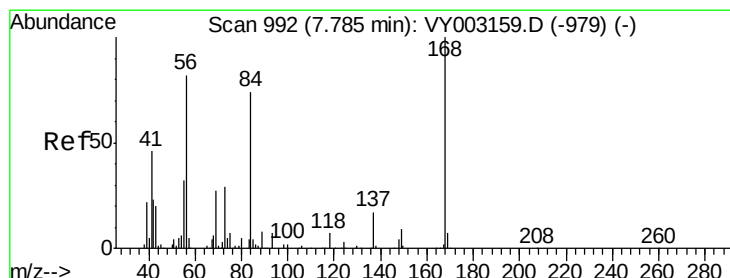
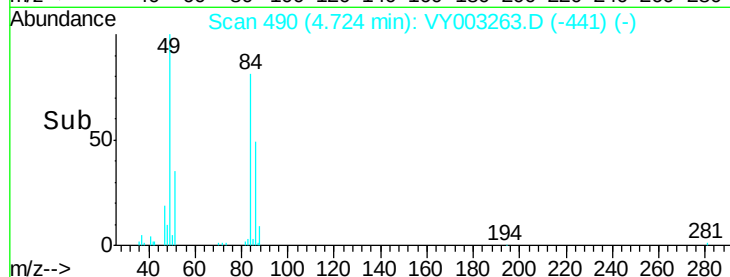
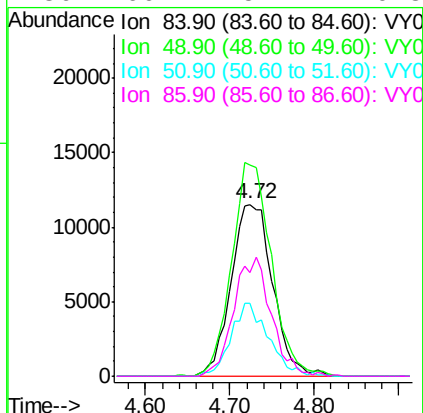
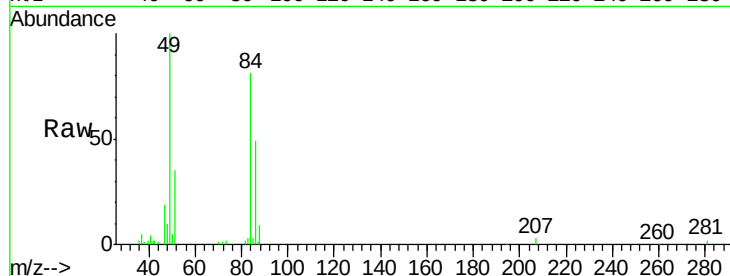




#20
Methylene Chloride
Concen: 4.992 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003263.D
Acq: 21 Jul 2020 20:51

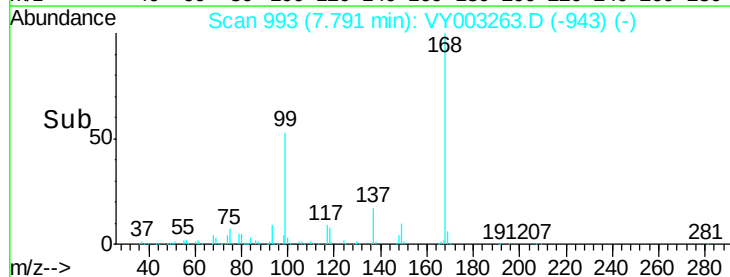
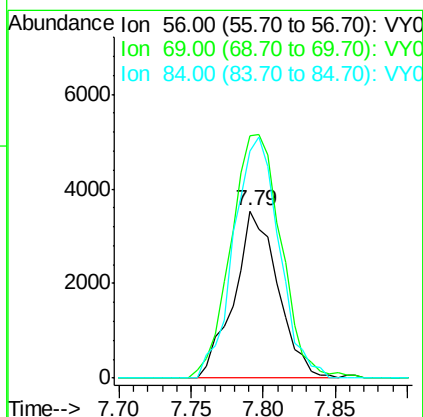
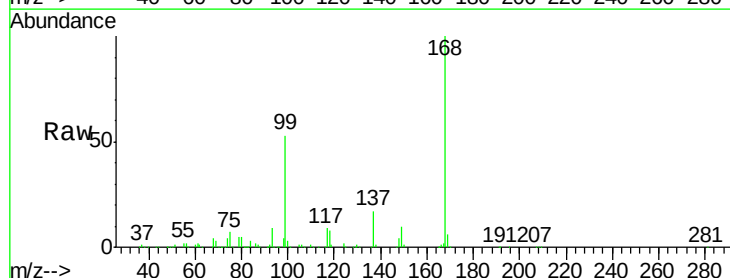
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-S2

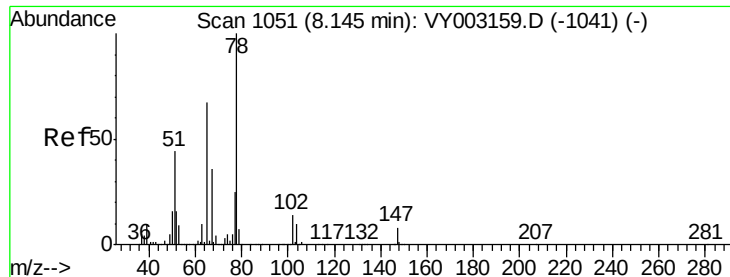
Tot Ion:	84	Resp:	38642
Ion	Ratio	Lower	Upper
84	100		
49	122.9	98.2	147.4
51	42.5	29.8	44.6
86	60.1	51.2	76.8



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003263.D
Acq: 21 Jul 2020 20:51

Tgt Ion:	56	Resp:	7444
Ion	Ratio	Lower	Upper
56	100		
69	144.9	26.7	40.1#
84	135.5	72.3	108.5#

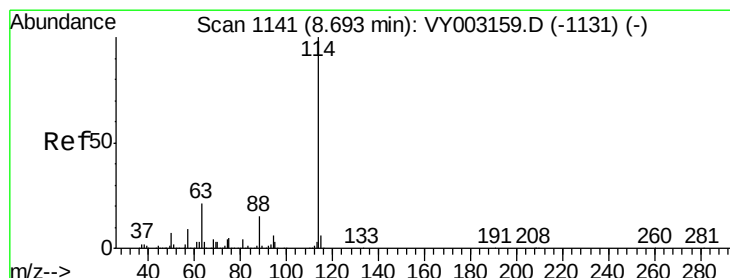
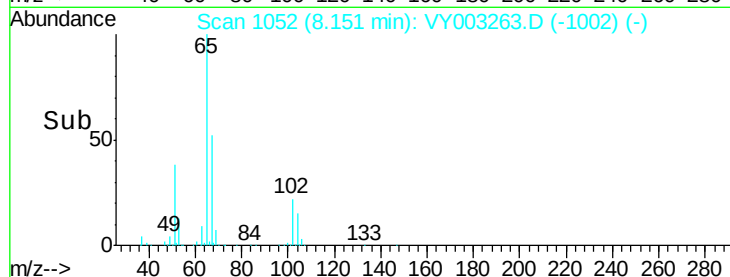
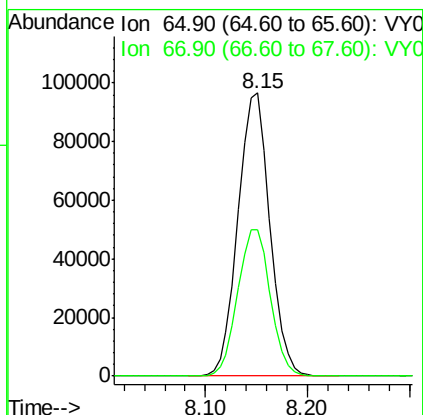
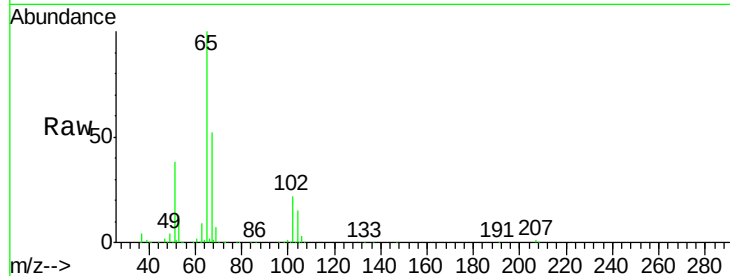




#33
 1,2-Dichloroethane-d4
 Concen: 60.626 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003263.D
 Acq: 21 Jul 2020 20:51

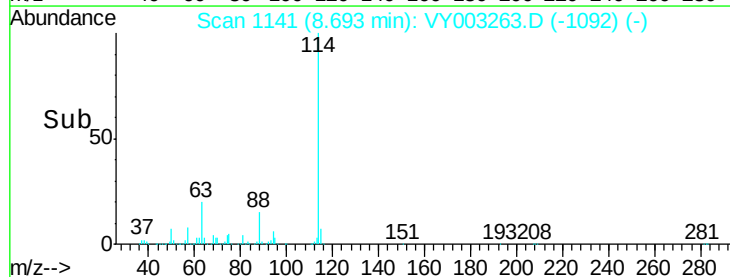
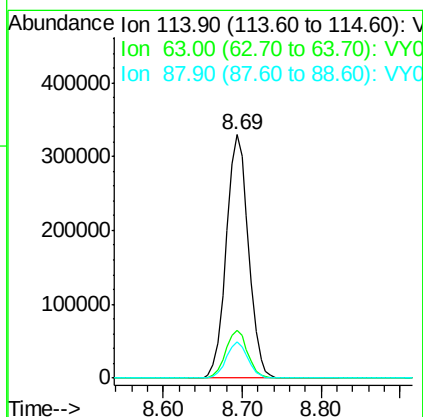
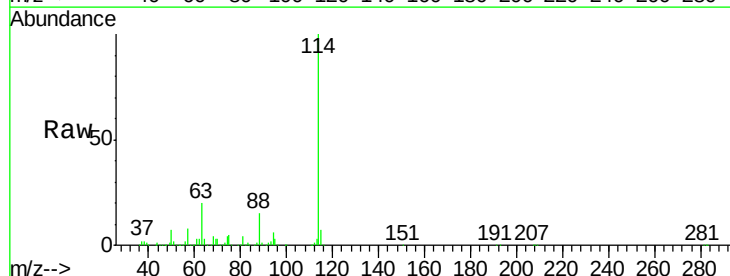
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-14-S2

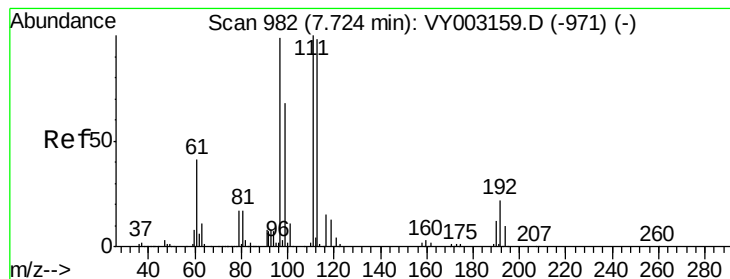
Tot Ion: 65 Resp: 209733
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003263.D
 Acq: 21 Jul 2020 20:51

Tgt Ion: 114 Resp: 642312
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.2
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.049 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

Instrument :

MSVOA_Y

ClientSampled :

TP-14-S2

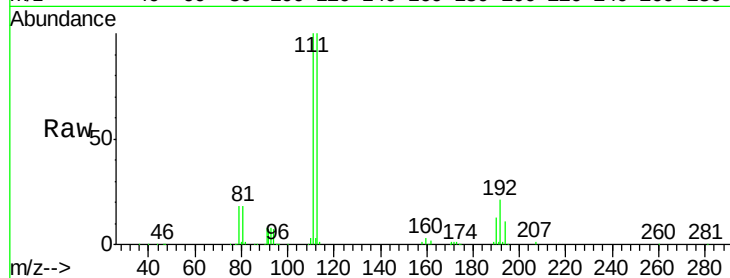
Tot Ion:113 Resp: 199784

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

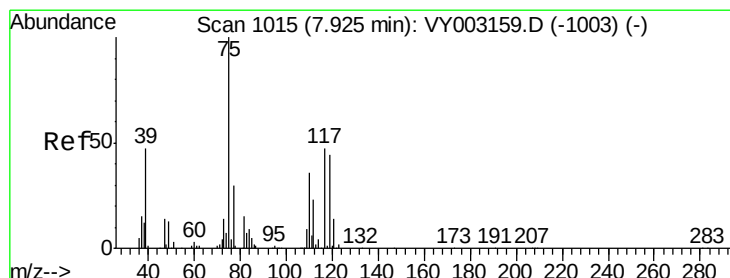
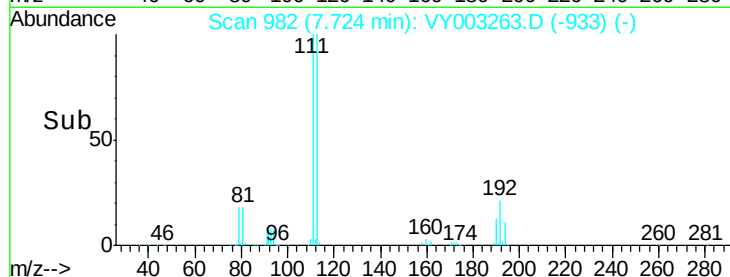
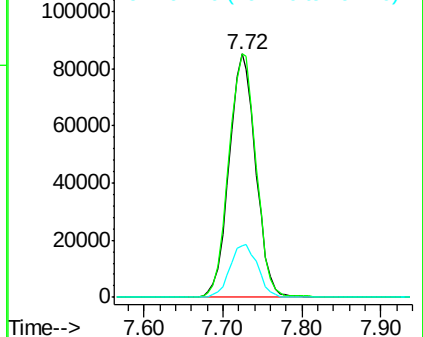
192 22.7 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.820 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

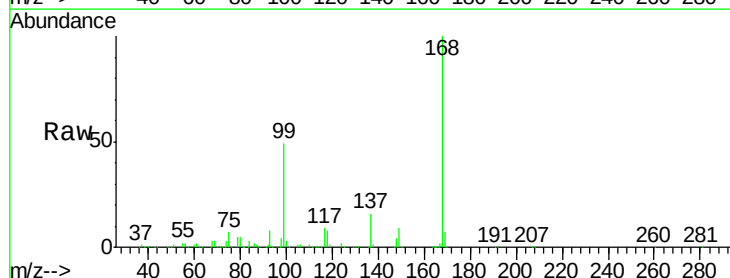
Tgt Ion: 75 Resp: 28059

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.1#

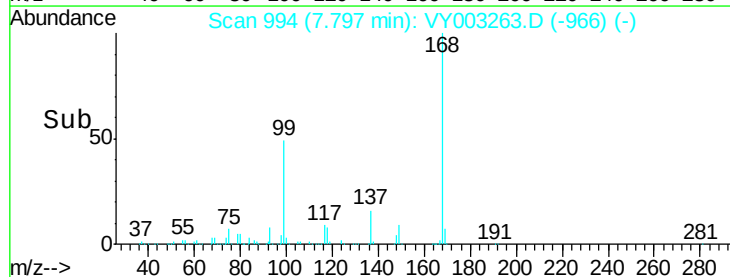
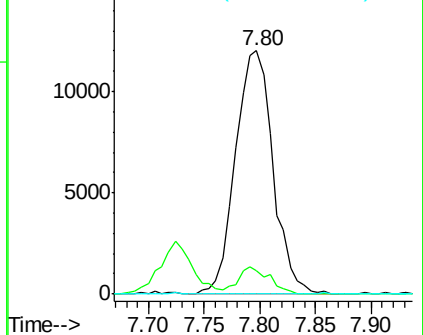
77 0.0 24.8 37.2#

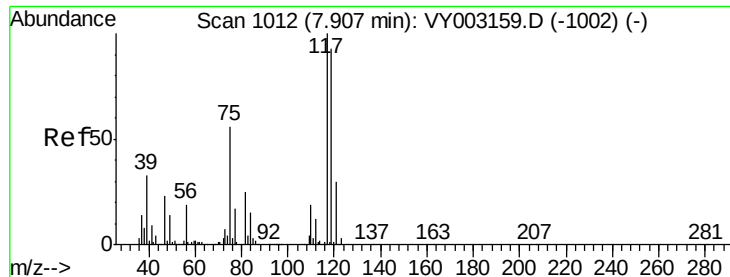


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.011 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

Instrument :

MSVOA_Y

ClientSampled :

TP-14-S2

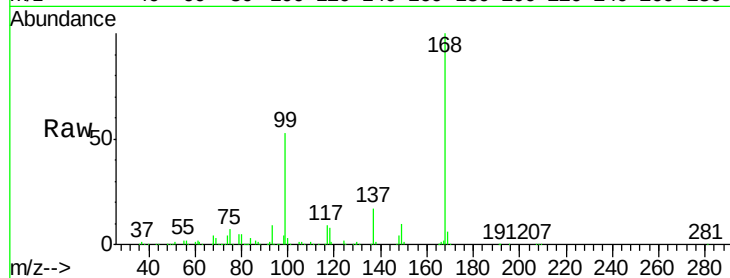
Tot Ion:117 Resp: 36126

Ion Ratio Lower Upper

117 100

119 6.7 74.5 111.7#

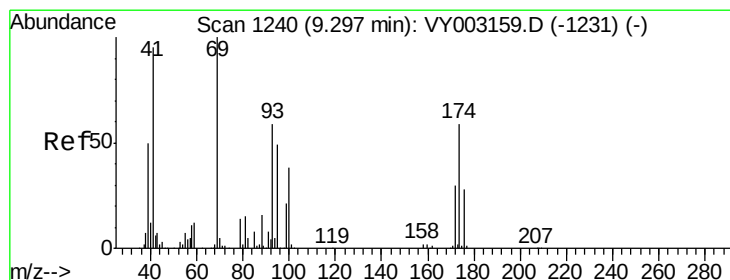
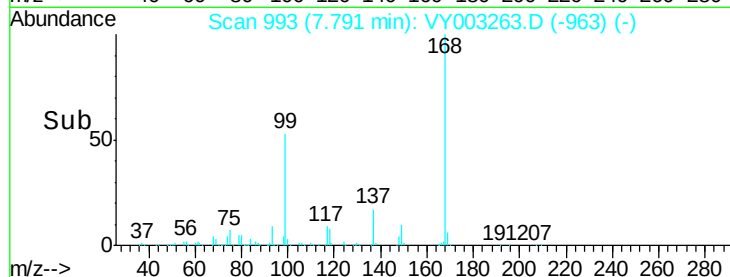
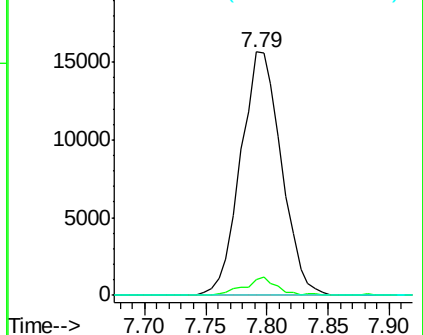
121 0.0 24.2 36.2#



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



#49

1,4-Dioxane

Concen: 1.366 ug/l

RT: 9.55 min Scan# 1282

Delta R.T. 0.26 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

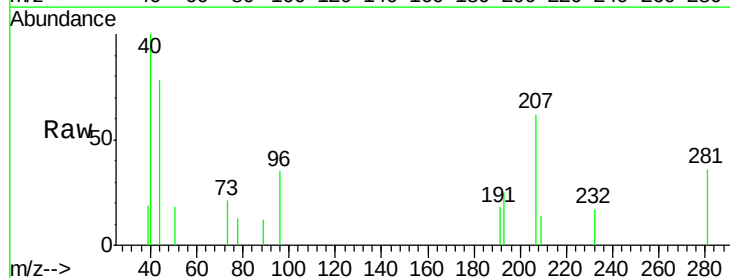
Tgt Ion: 88 Resp: 42

Ion Ratio Lower Upper

88 100

43 150.0 25.6 38.4#

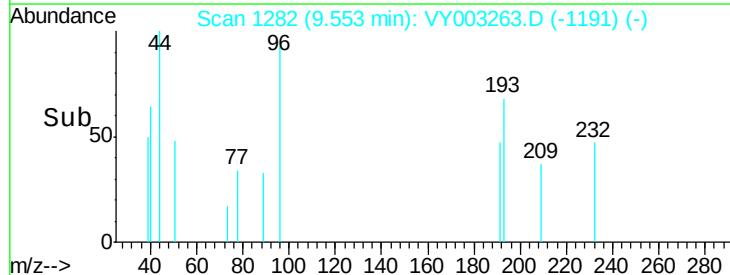
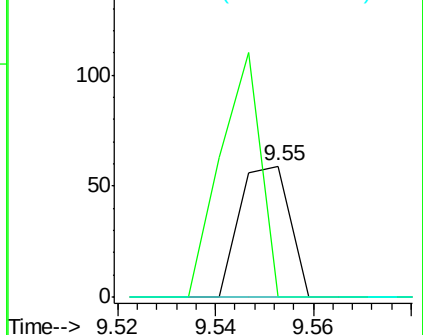
58 0.0 47.8 71.6#

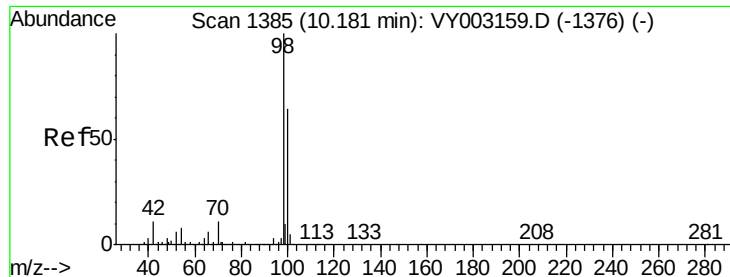


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 56.833 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

Instrument :

MSVOA_Y

ClientSampleId :

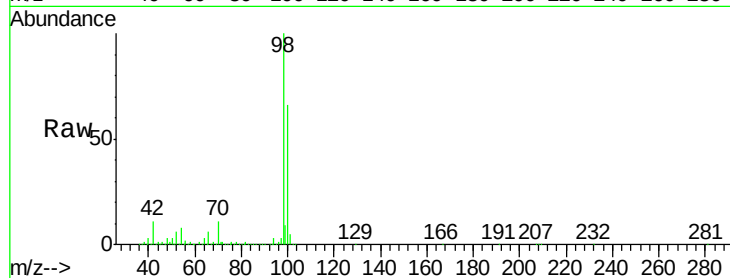
TP-14-S2

Tot Ion: 98 Resp: 781022

Ion Ratio Lower Upper

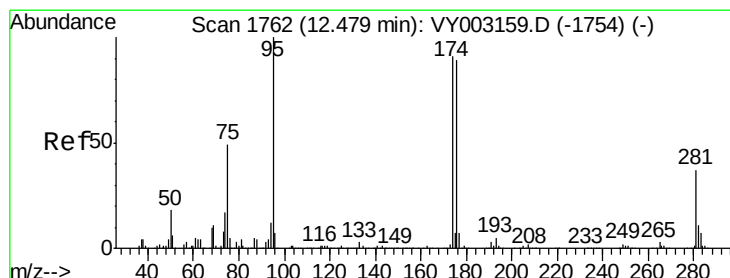
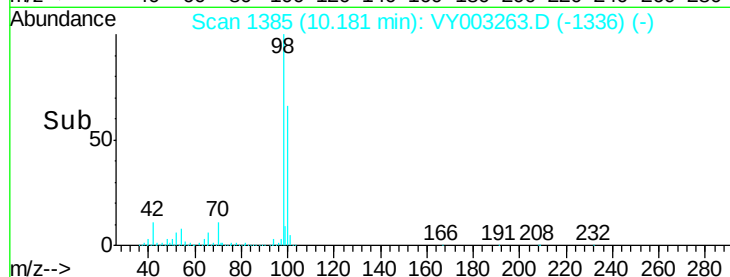
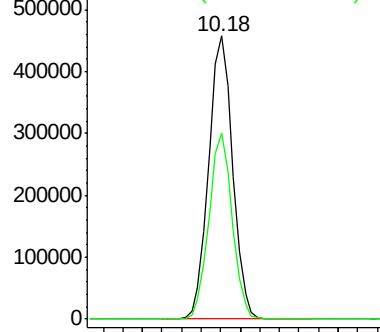
98 100

100 63.5 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: 50.676 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003263.D

Acq: 21 Jul 2020 20:51

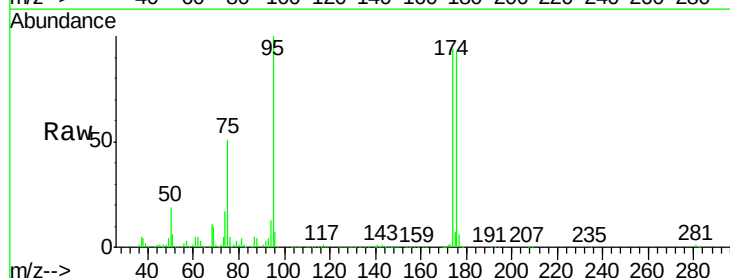
Tgt Ion: 95 Resp: 251587

Ion Ratio Lower Upper

95 100

174 97.5 0.0 190.6

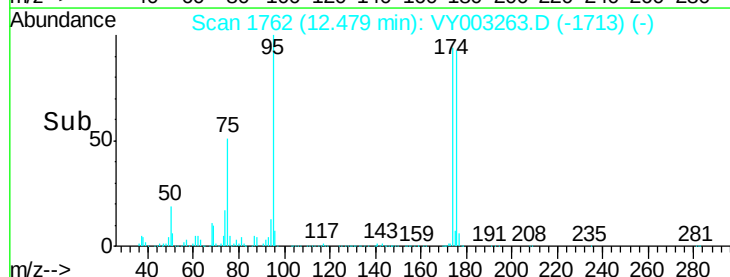
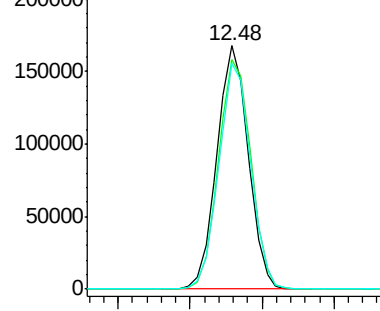
176 94.0 0.0 186.4

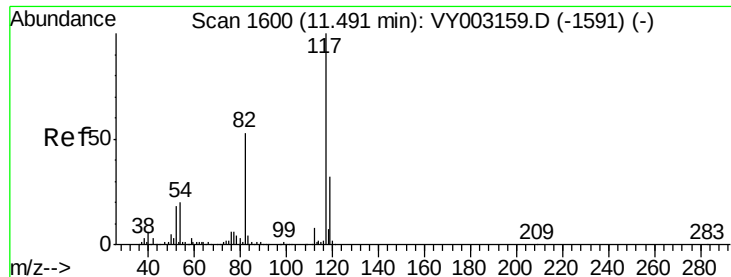


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

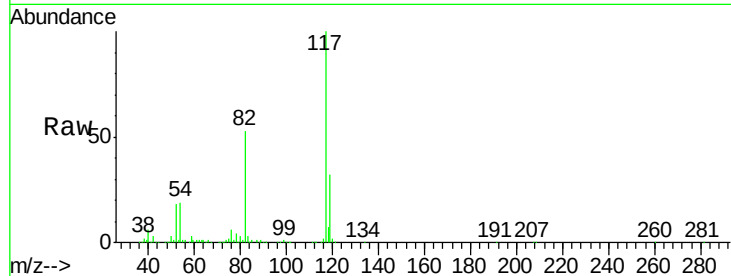




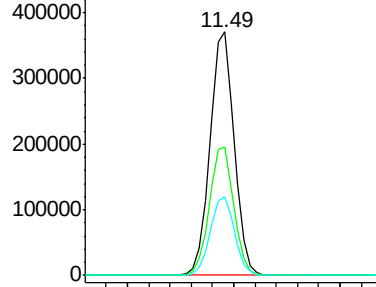
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003263.D
Acq: 21 Jul 2020 20:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-14-S2

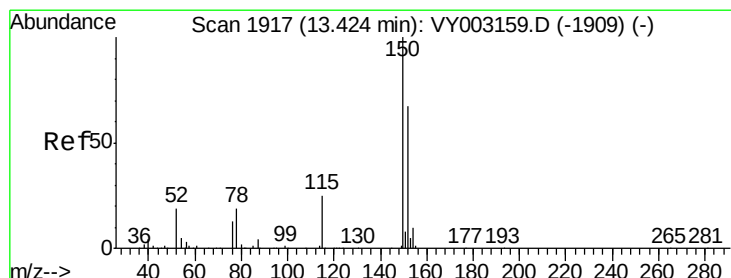
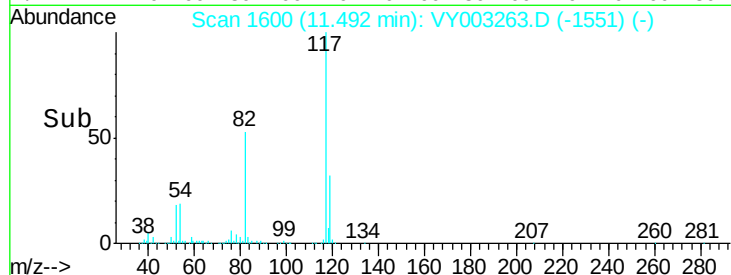
Tot Ion:117 Resp: 590418
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 32.4 25.5 38.3



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

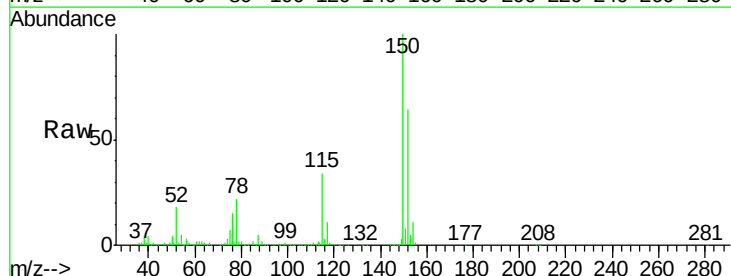


Time-->

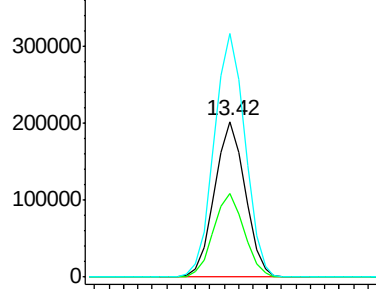


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003263.D
Acq: 21 Jul 2020 20:51

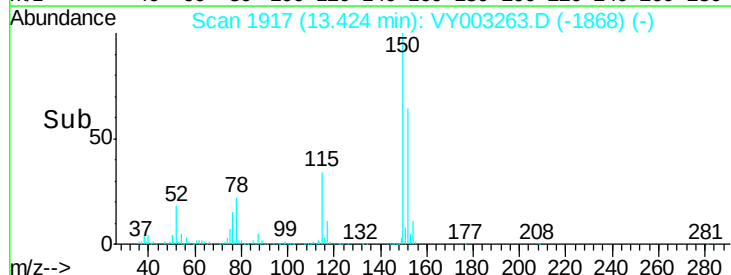
Tgt Ion:152 Resp: 297901
Ion Ratio Lower Upper
152 100
115 53.9 26.9 80.7
150 158.1 0.0 338.0

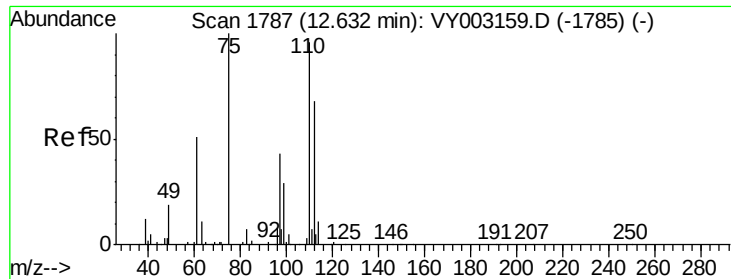


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->

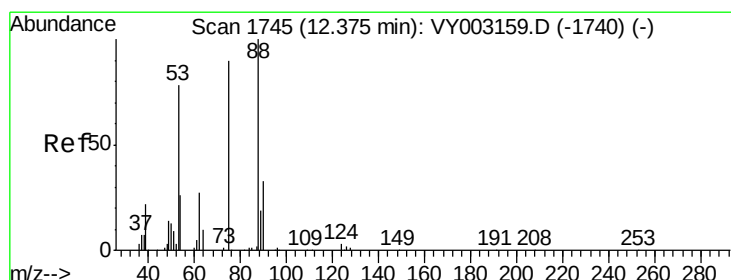
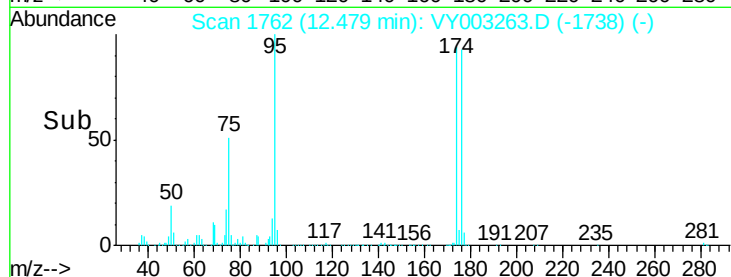
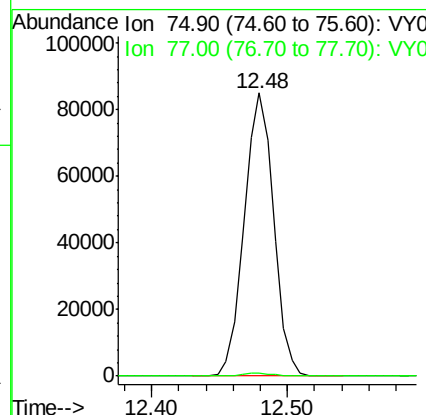
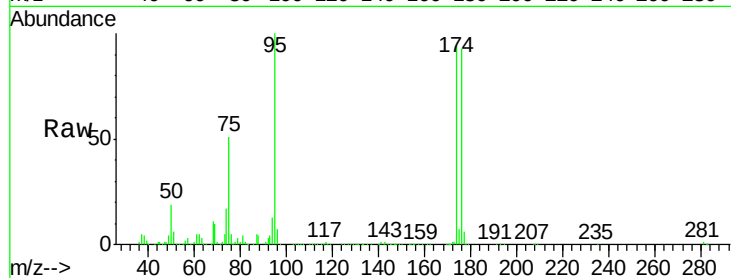




#76
 1,2,3-Trichloropropane
 Concen: 48.628 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003263.D
 Acq: 21 Jul 2020 20:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-S2

Tot Ion: 75 Resp: 128230
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.640 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003263.D
 Acq: 21 Jul 2020 20:51

Tgt Ion: 75 Resp: 128230
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.0 108.0#
 89 0.1 37.3 55.9#

