

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003258.D
 Acq On : 21 Jul 2020 18:51
 Operator : SY/MD
 Sample : L3370-06
 Misc : 7.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-D2

Quant Time: Jul 22 02:44:35 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

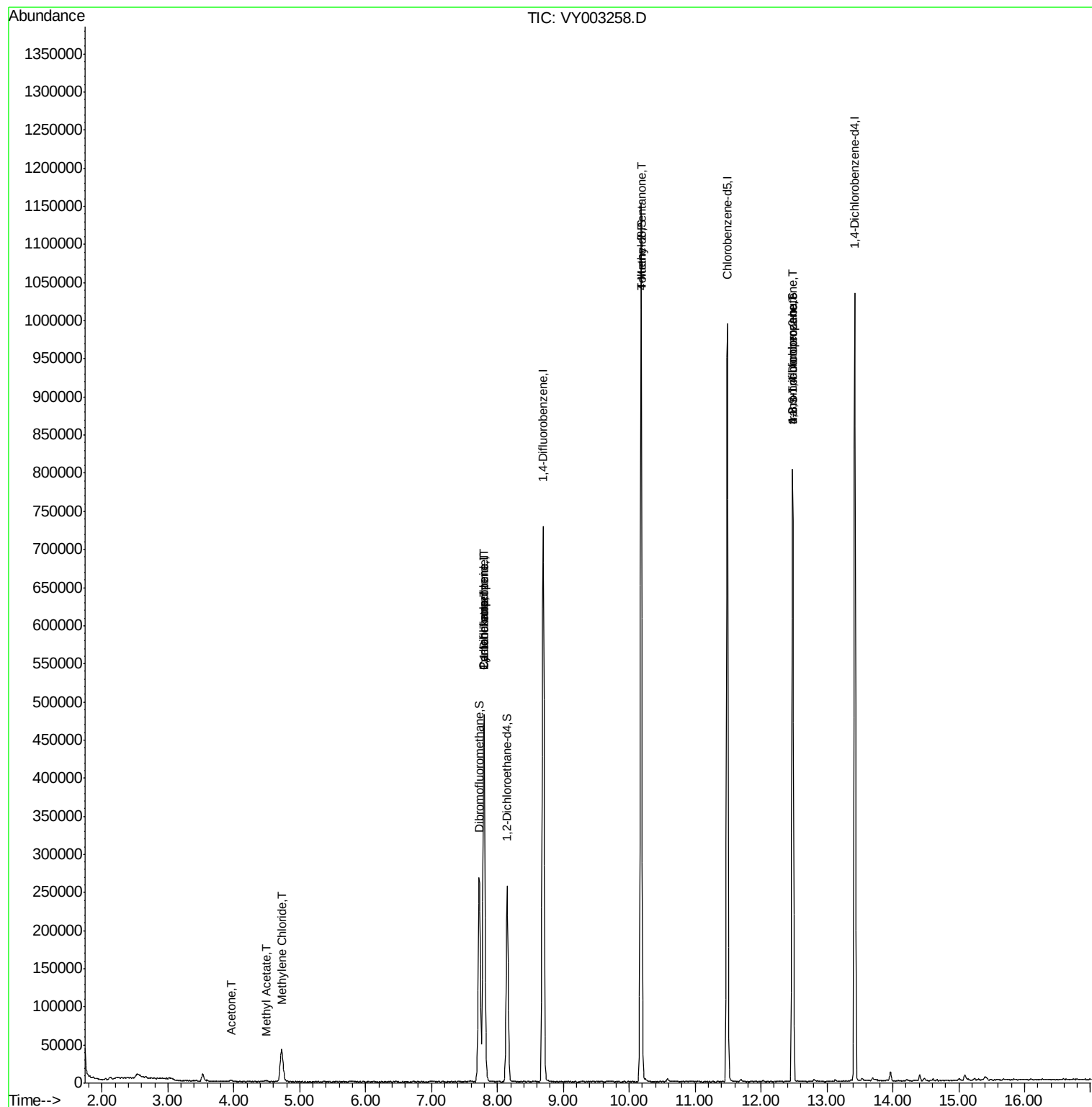
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	393663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	620750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	558449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	265190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	199491	60.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.08%	
35) Dibromofluoromethane	7.72	113	189411	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
50) Toluene-d8	10.18	98	749390	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
62) 4-Bromofluorobenzene	12.48	95	232090	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	2926	3.942	ug/l	99
18) Methyl Acetate	4.49	43	3061	1.485	ug/l #	77
20) Methylene Chloride	4.72	84	32765	3.684	ug/l	95
31) Cyclohexane	7.80	56	7150	1.183	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	27549	4.897	ug/l #	49
38) Carbon Tetrachloride	7.80	117	36019	6.202	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	3309	1.086	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	119931	51.091	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	119931	99.433	ug/l #	13

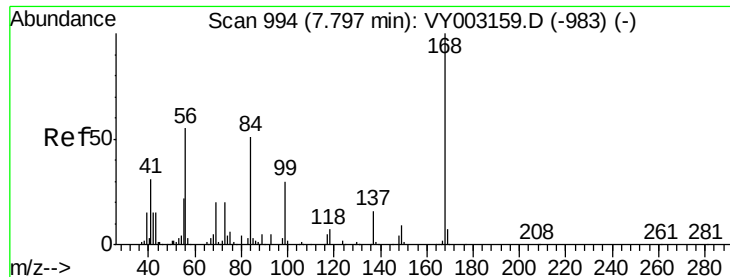
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003258.D

Acq: 21 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampled :

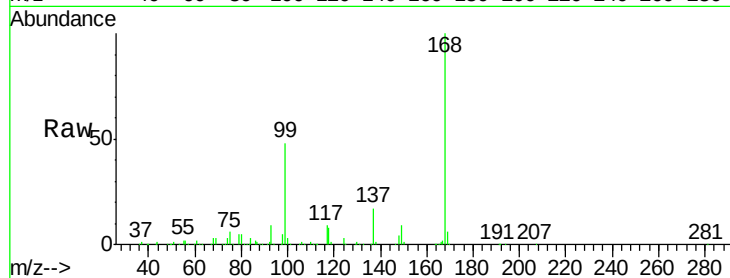
TP-3-D2

Tot Ion:168 Resp: 393663

Ion Ratio Lower Upper

168 100

99 48.3 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

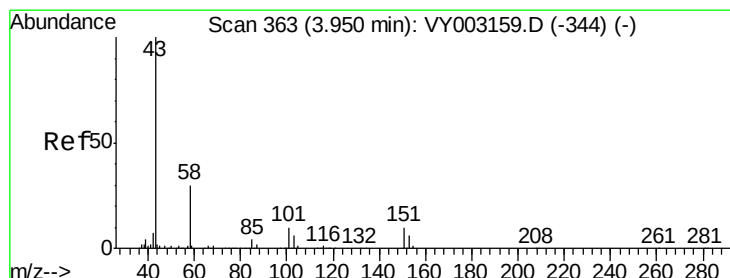
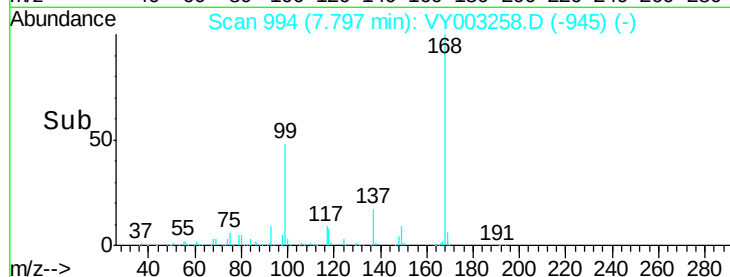
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.942 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003258.D

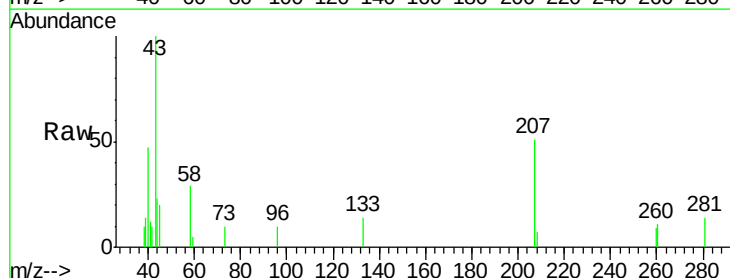
Acq: 21 Jul 2020 18:51

Tgt Ion: 43 Resp: 2926

Ion Ratio Lower Upper

43 100

58 29.3 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

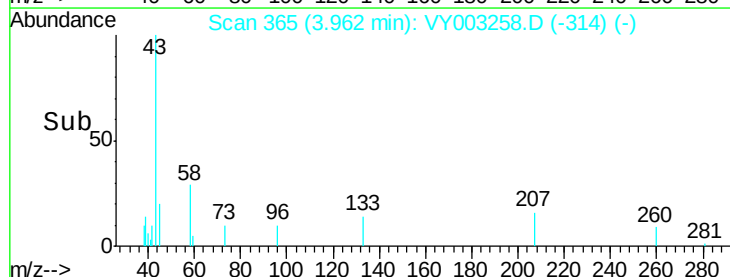
600

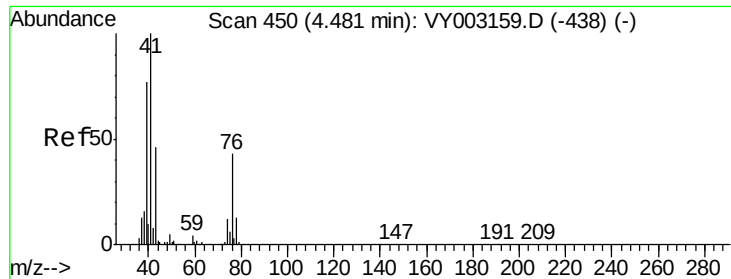
400

200

0

Time-->

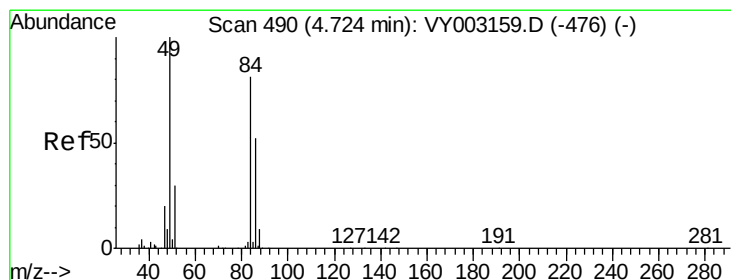
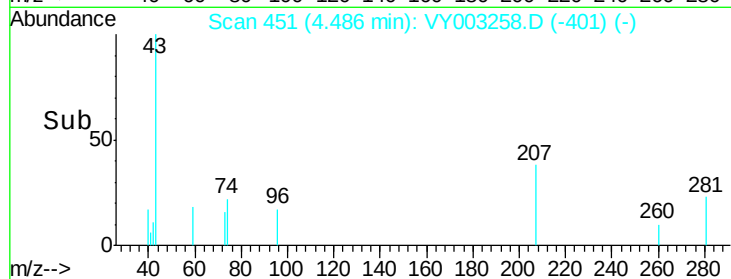
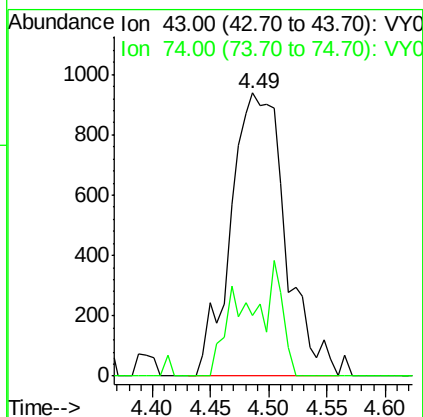
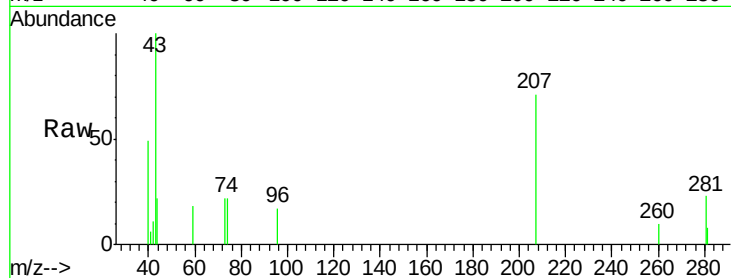




#18
Methyl Acetate
Concen: 1.485 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003258.D
Acq: 21 Jul 2020 18:51

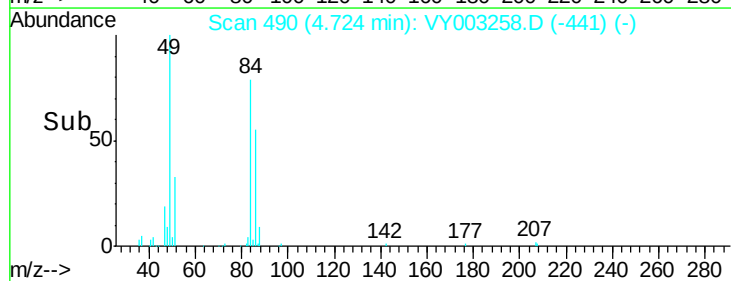
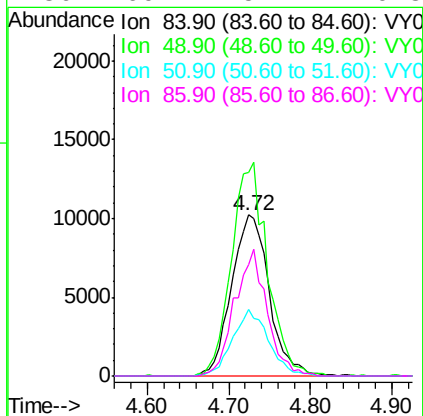
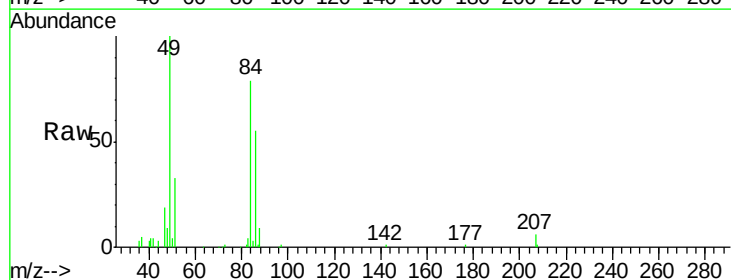
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-D2

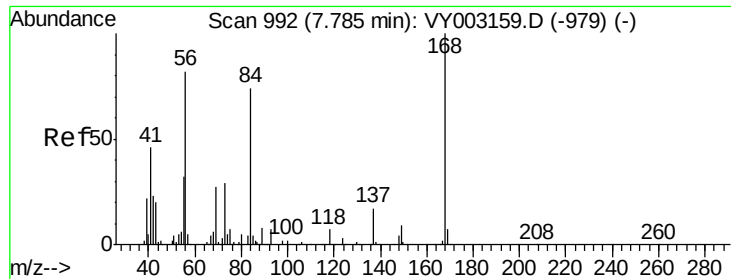
Tot Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
74 14.1 20.8 31.2#



#20
Methylene Chloride
Concen: 3.684 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003258.D
Acq: 21 Jul 2020 18:51

Tgt Ion: 84 Resp: 32765
Ion Ratio Lower Upper
84 100
49 126.5 98.2 147.4
51 41.3 29.8 44.6
86 69.4 51.2 76.8





#31

Cyclohexane

Concen: 1.183 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003258.D

Acq: 21 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-D2

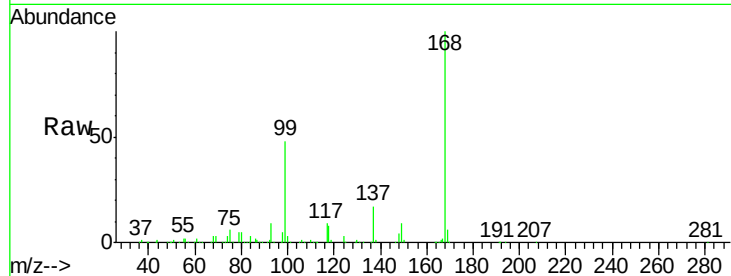
Tot Ion: 56 Resp: 7150

Ion Ratio Lower Upper

56 100

69 173.8 26.7 40.1#

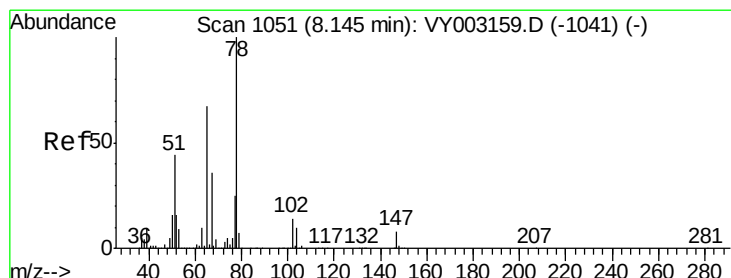
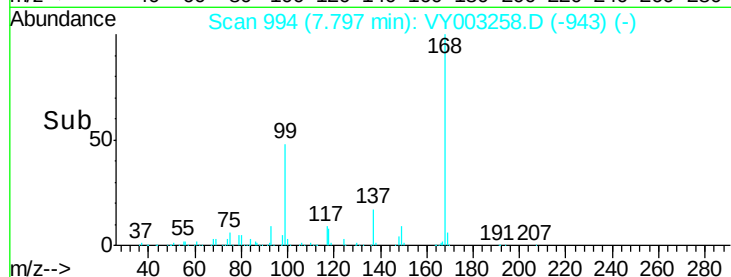
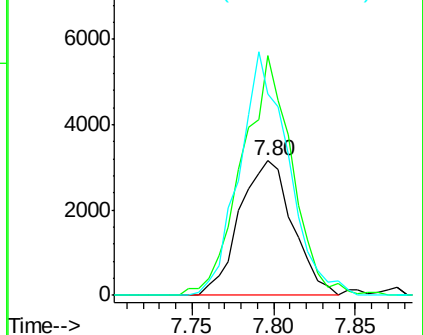
84 149.9 72.3 108.5#



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: 60.040 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003258.D

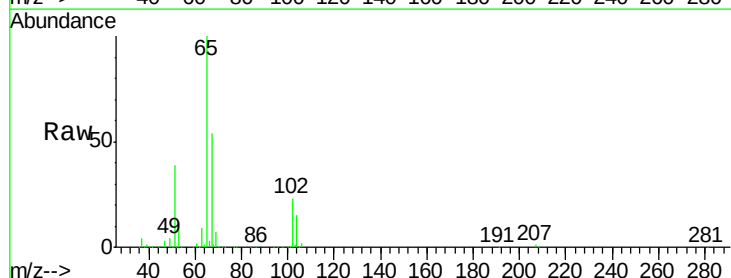
Acq: 21 Jul 2020 18:51

Tgt Ion: 65 Resp: 199491

Ion Ratio Lower Upper

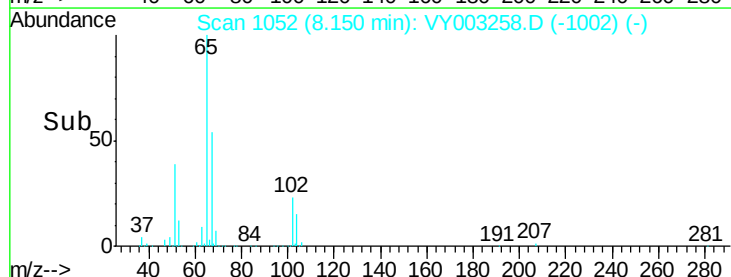
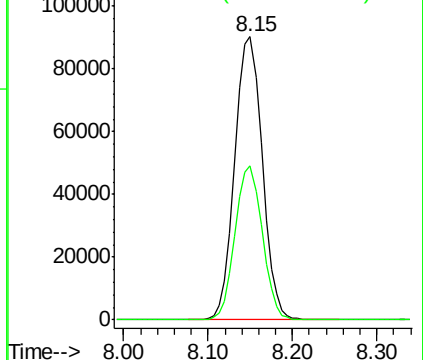
65 100

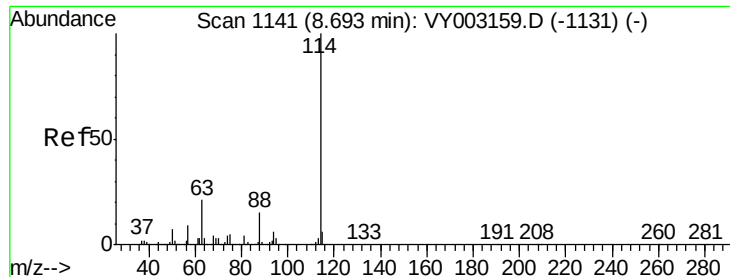
67 53.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

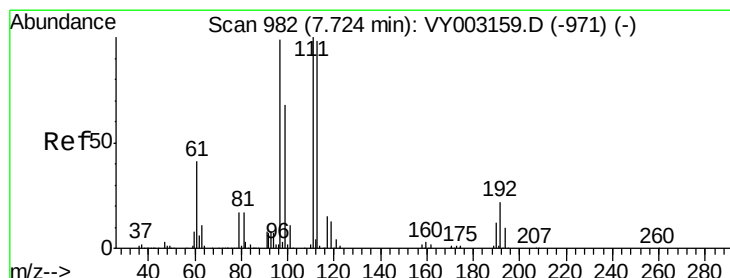
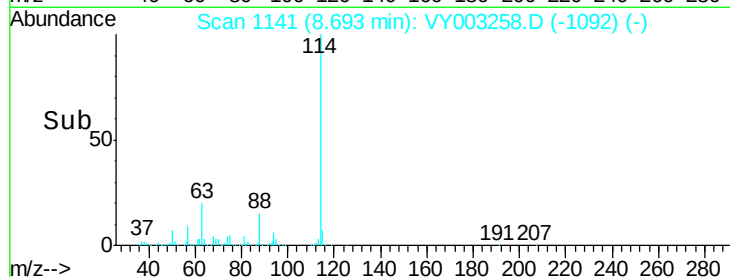
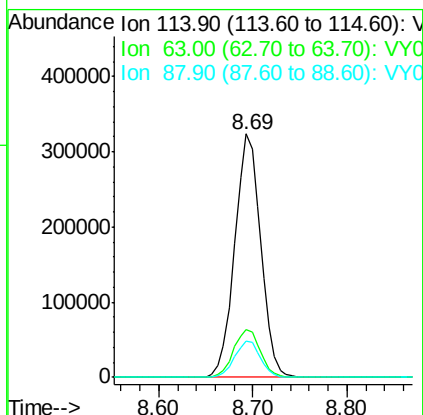
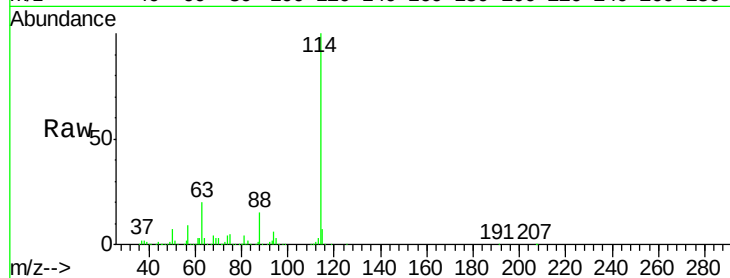




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003258.D
 Acq: 21 Jul 2020 18:51

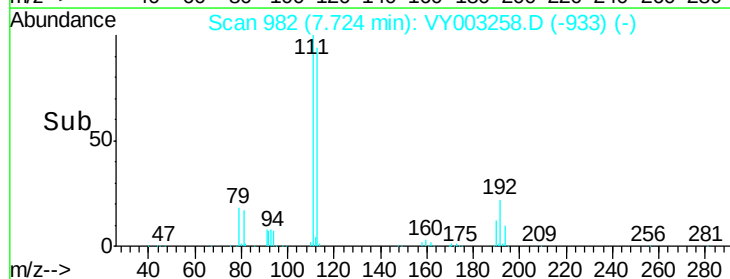
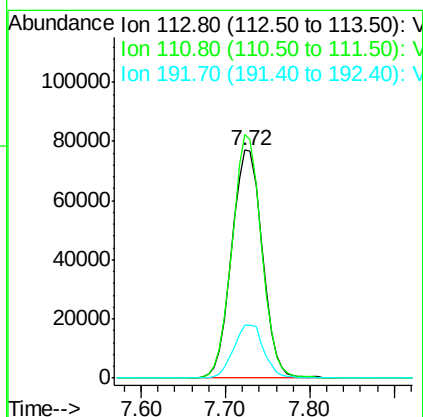
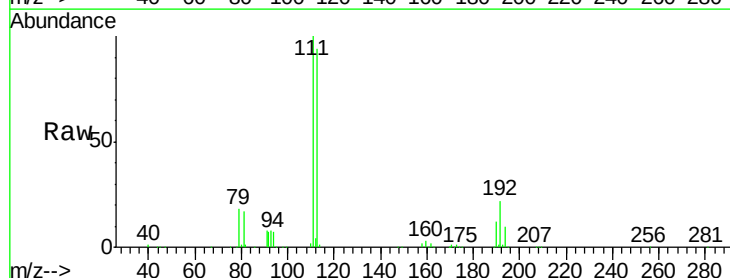
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-D2

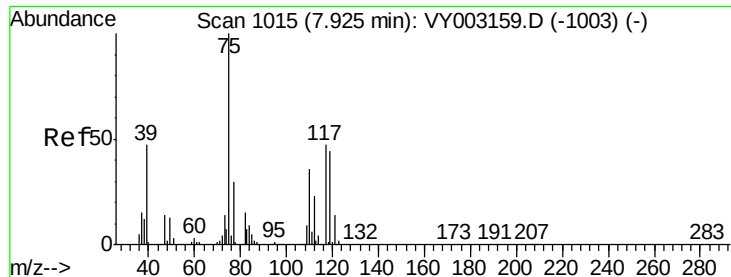
Tot Ion:114 Resp: 620750
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.2
 88 15.0 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 53.023 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003258.D
 Acq: 21 Jul 2020 18:51

Tgt Ion:113 Resp: 189411
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.1 123.1
 192 22.9 18.8 28.2

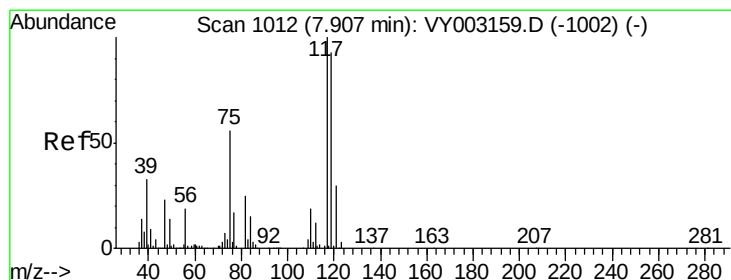
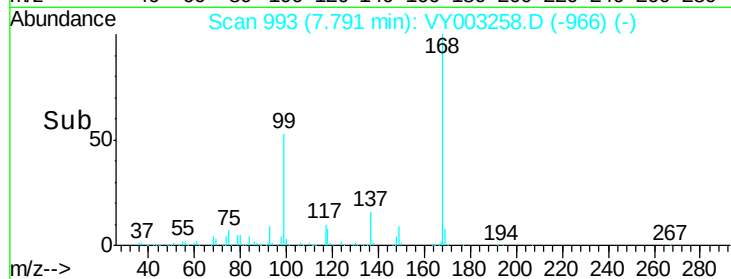
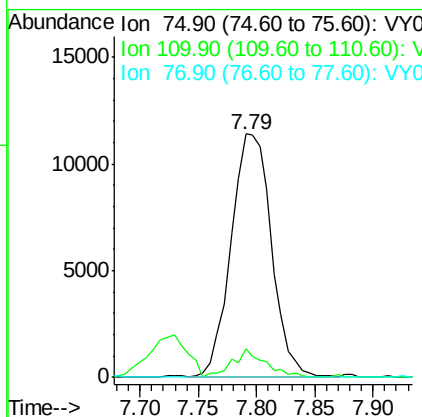
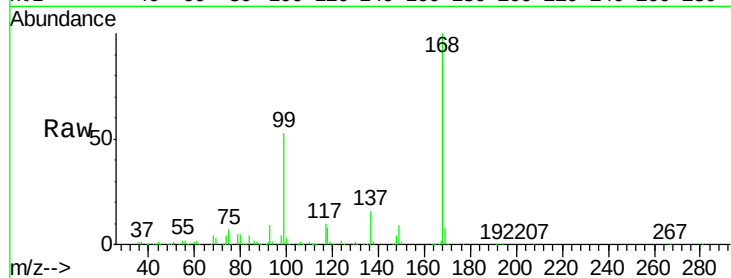




#36
 1,1-Dichloropropene
 Concen: 4.897 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003258.D
 Acq: 21 Jul 2020 18:51

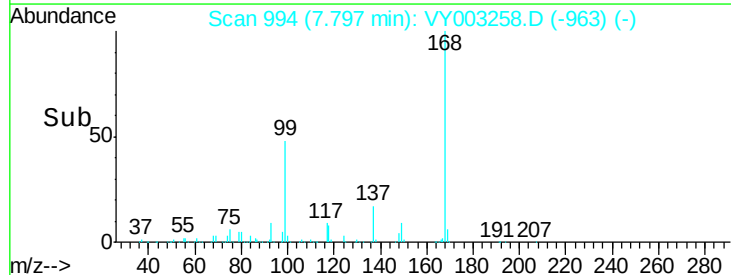
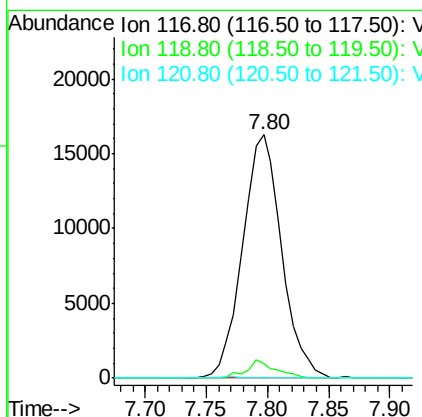
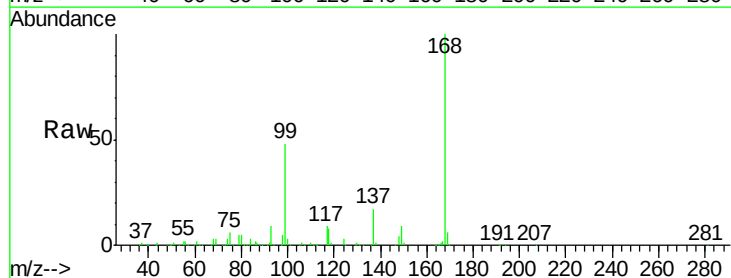
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-D2

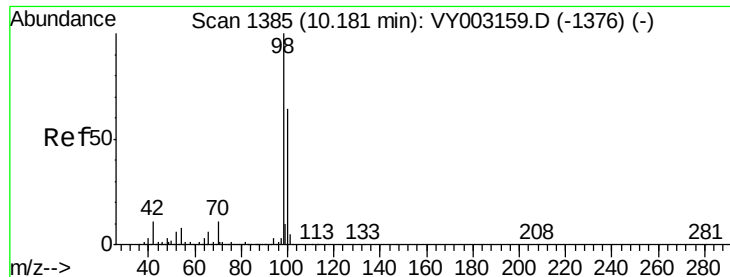
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.202 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003258.D
 Acq: 21 Jul 2020 18:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 56.425 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003258.D

Acq: 21 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

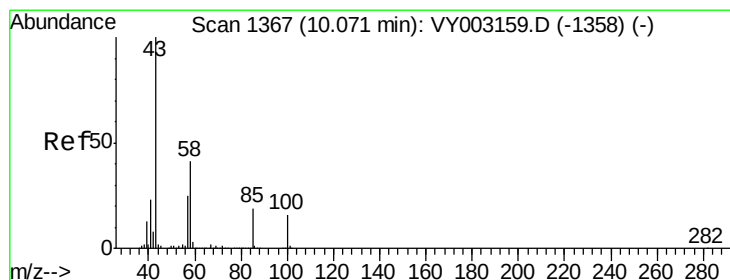
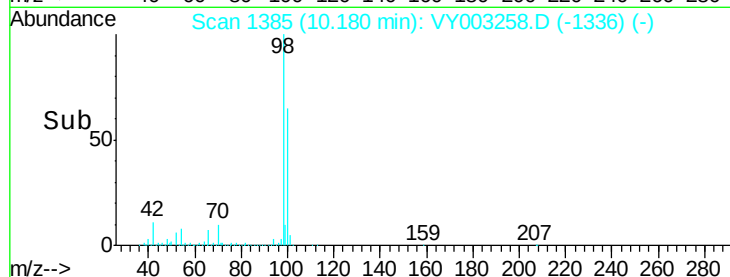
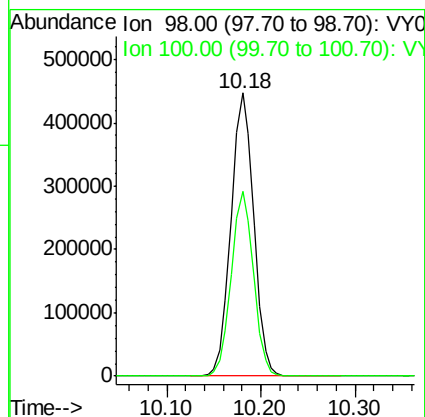
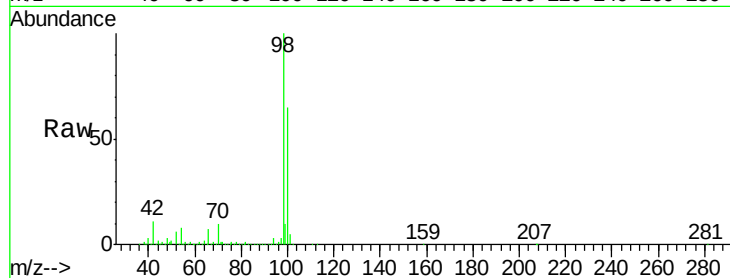
TP-3-D2

Tot Ion: 98 Resp: 749390

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 1.086 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003258.D

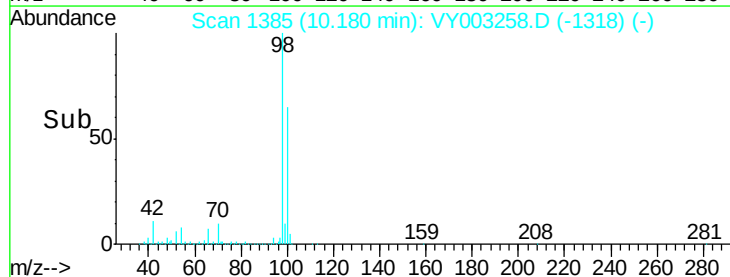
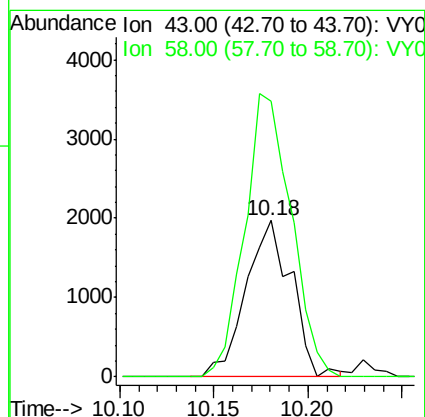
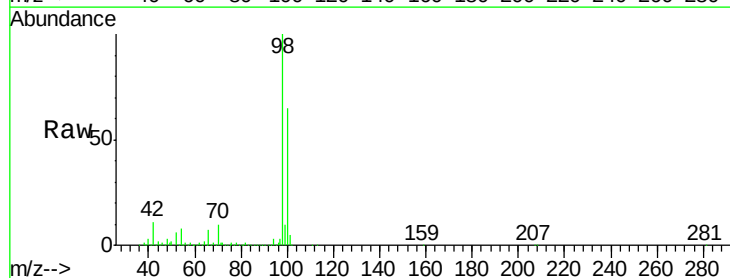
Acq: 21 Jul 2020 18:51

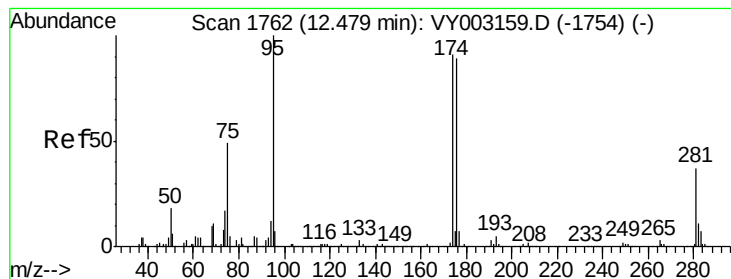
Tgt Ion: 43 Resp: 3309

Ion Ratio Lower Upper

43 100

58 184.3 32.7 49.1#





#62

4-Bromofluorobenzene

Concen: 48.373 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003258.D

Acq: 21 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-D2

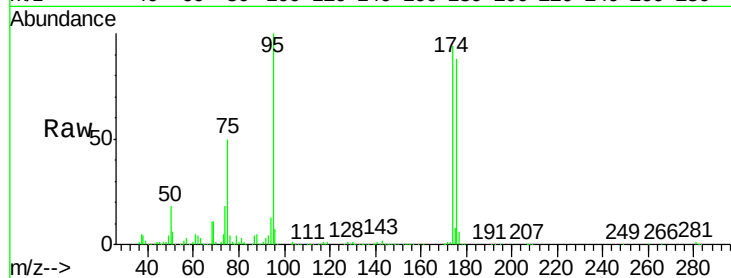
Tot Ion: 95 Resp: 232090

Ion Ratio Lower Upper

95 100

174 96.2 0.0 190.6

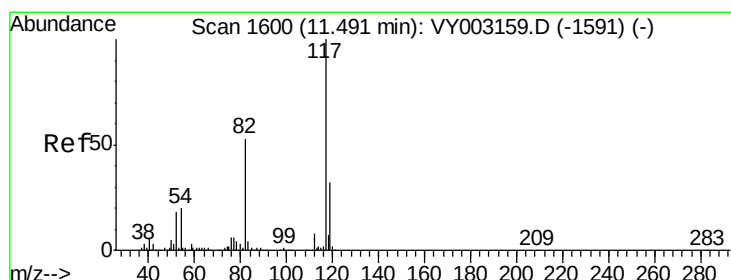
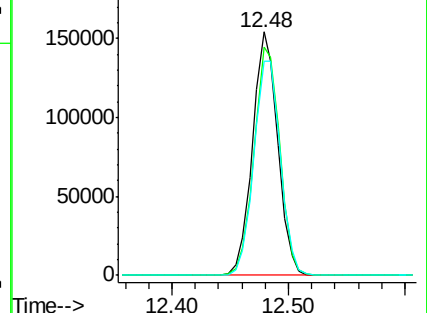
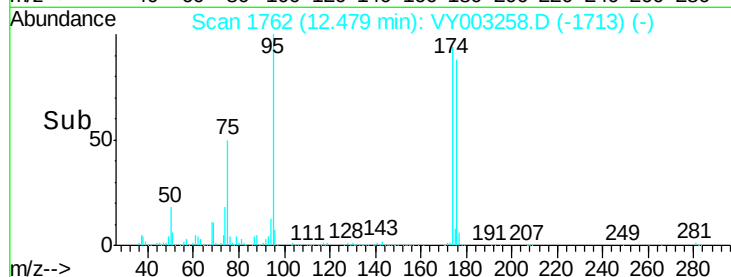
176 93.1 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003258.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003258.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003258.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003258.D

Acq: 21 Jul 2020 18:51

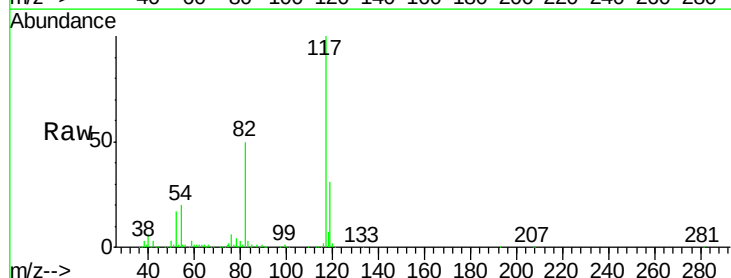
Tgt Ion: 117 Resp: 558449

Ion Ratio Lower Upper

117 100

82 50.4 42.0 63.0

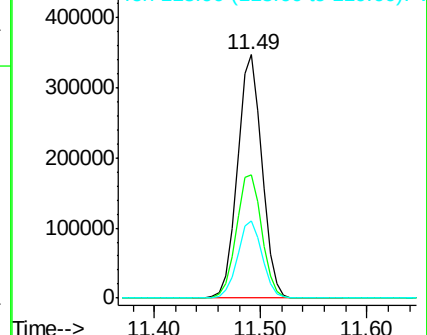
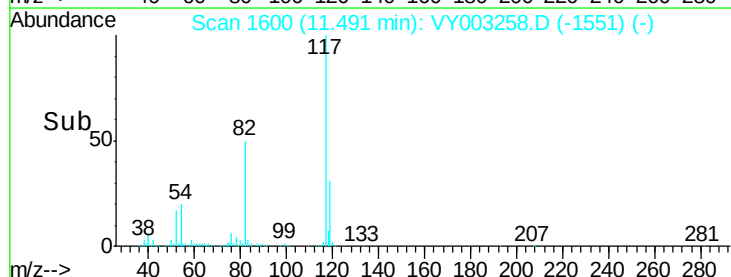
119 31.5 25.5 38.3

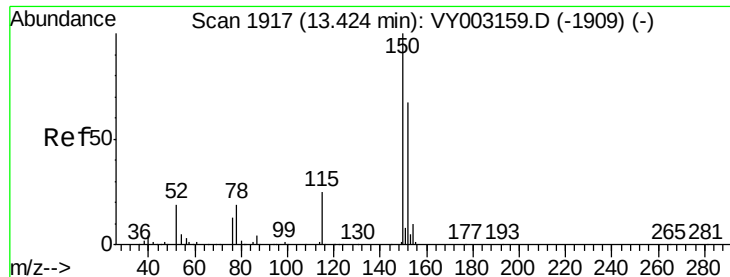


Abundance Ion 116.90 (116.60 to 117.60): VY003258.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003258.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003258.D (-1551) (-)



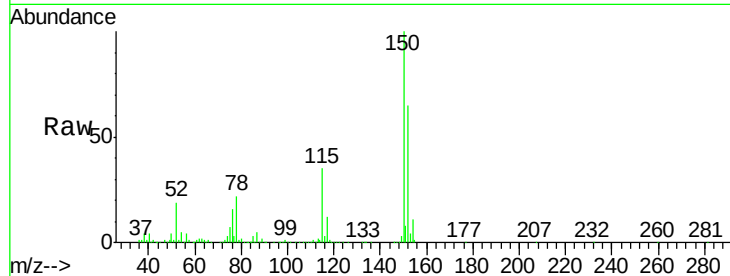


#72

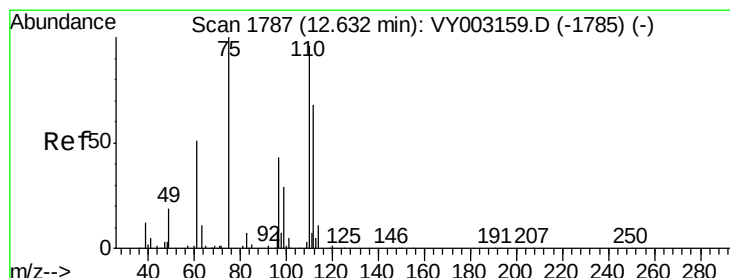
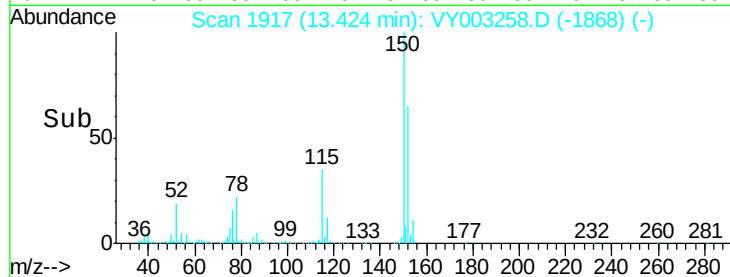
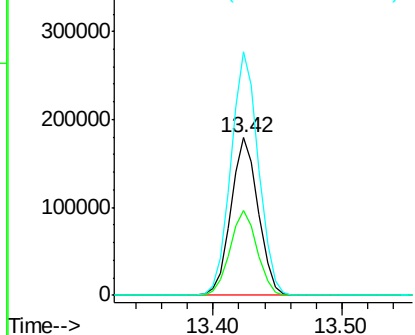
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003258.D
Acq: 21 Jul 2020 18:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-3-D2

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.9	80.7
150	155.7	0.0	338.0



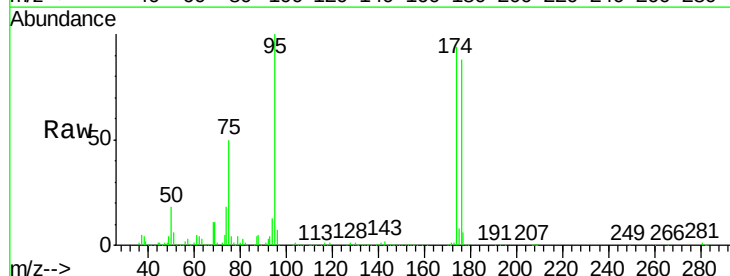
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



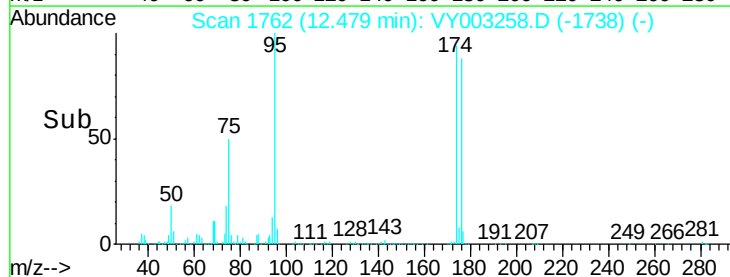
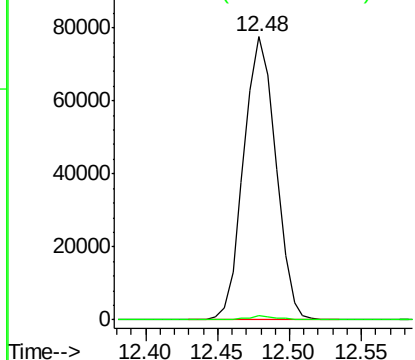
#76

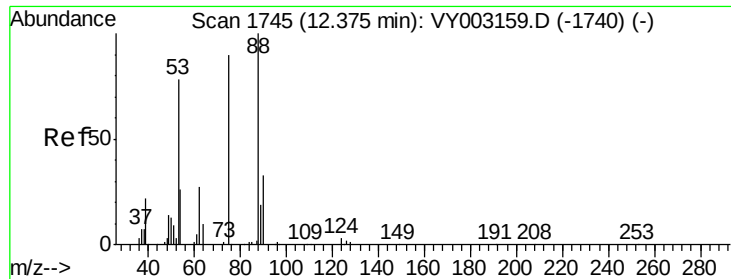
1,2,3-Trichloropropane
Concen: 51.091 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003258.D
Acq: 21 Jul 2020 18:51

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: 99.433 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003258.D

Acq: 21 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-D2

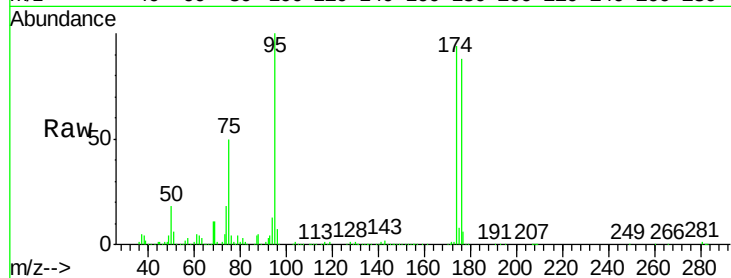
Tot Ion: 75 Resp: 119931

Ion Ratio Lower Upper

75 100

53 0.0 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

