

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003187.D
 Acq On : 14 Jul 2020 11:36
 Operator : SY/MD
 Sample : VY0714SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBL01

Quant Time: Jul 15 04:11:58 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

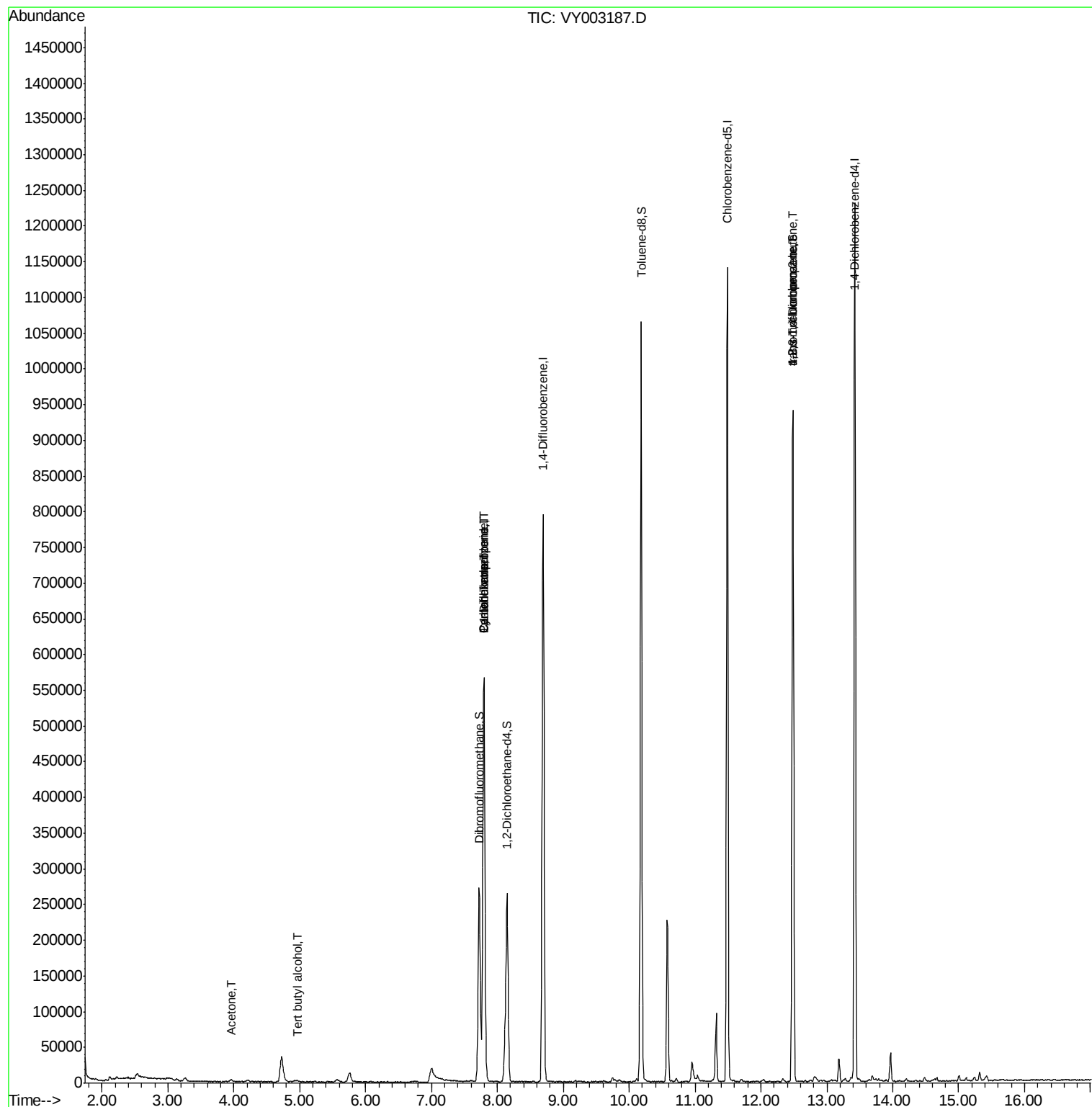
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	469810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	686984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	619720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	318145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	192589	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
35) Dibromofluoromethane	7.72	113	191587	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.18	98	697081	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.48	95	243266	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	3250	7.580	ug/l #	72
16) Acetone	3.96	43	5268	5.948	ug/l	96
31) Cyclohexane	7.79	56	8646	1.199	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	32672	5.247	ug/l #	49
38) Carbon Tetrachloride	7.80	117	42009	6.536	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	125893	44.704	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	125893	87.003	ug/l #	13

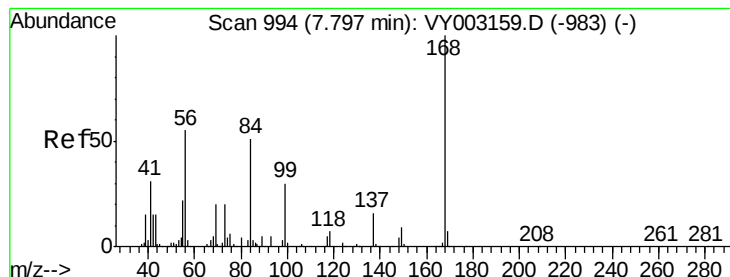
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
Data File : VY003187.D
Acq On : 14 Jul 2020 11:36
Operator : SY/MD
Sample : VY0714SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBL01

Quant Time: Jul 15 04:11:58 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: VY003187.D

Acq: 14 Jul 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

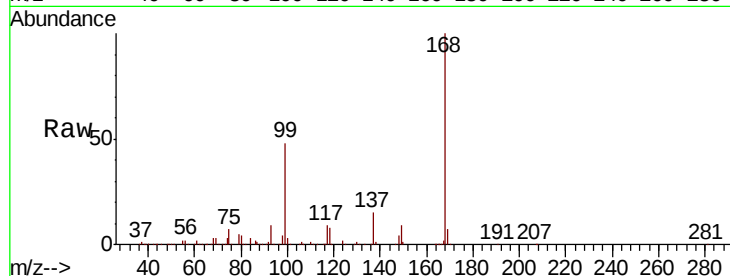
VY0714SBL01

Tot Ion:168 Resp: 469810

Ion Ratio Lower Upper

168 100

99 48.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003187.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003187.D (-945) (-)

7.80

250000

200000

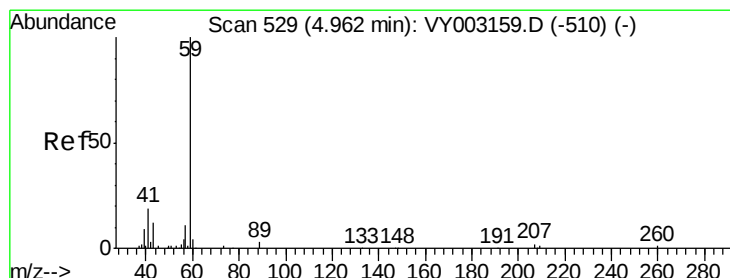
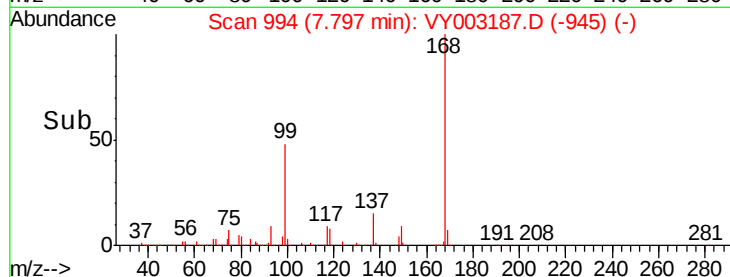
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 7.580 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY003187.D

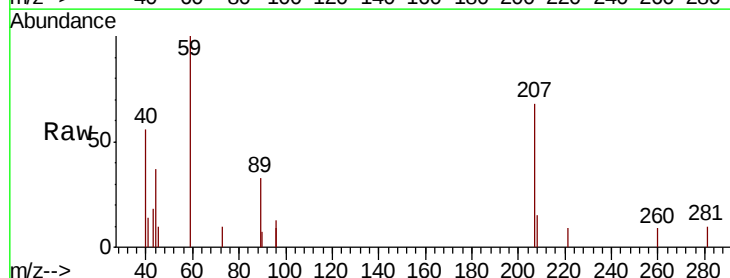
Acq: 14 Jul 2020 11:36

Tgt Ion: 59 Resp: 3250

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003187.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003187.D (-480) (-)

4.96

1000

800

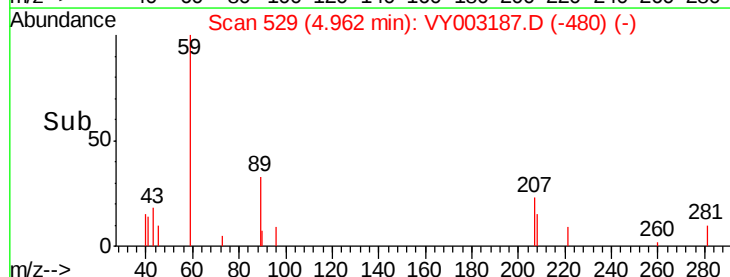
600

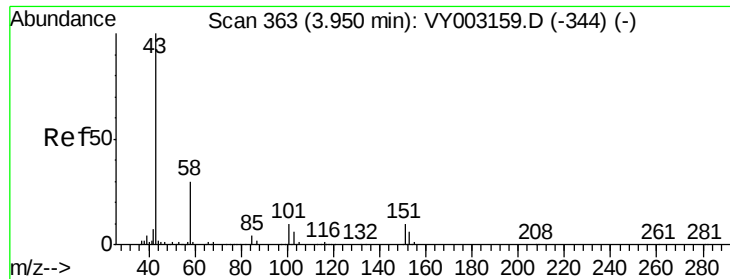
400

200

0

Time-->





#16

Acetone

Concen: 5.948 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003187.D

Acq: 14 Jul 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

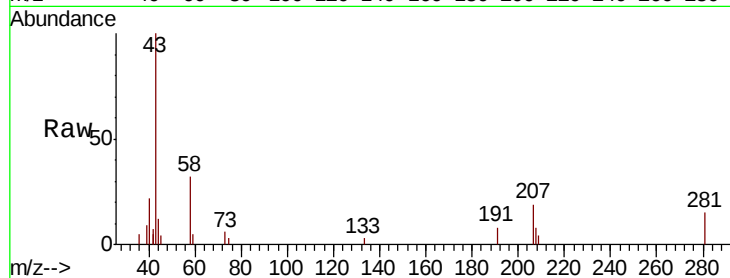
VY0714SBL01

Tot Ion: 43 Resp: 5268

Ion Ratio Lower Upper

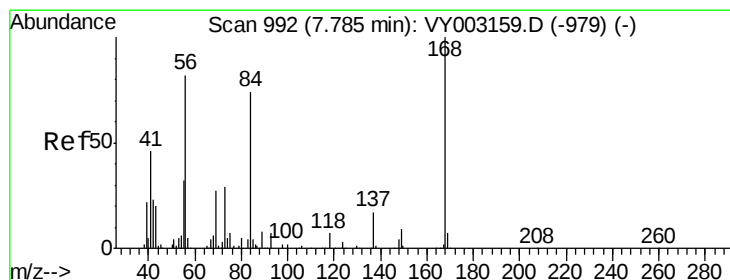
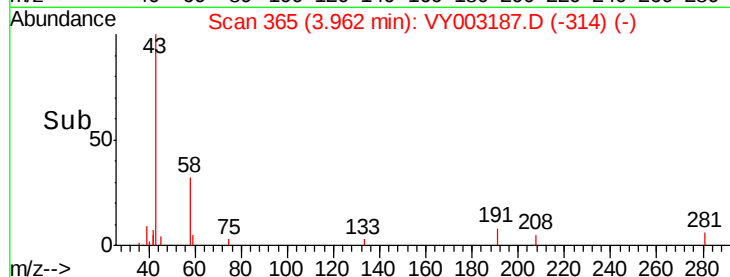
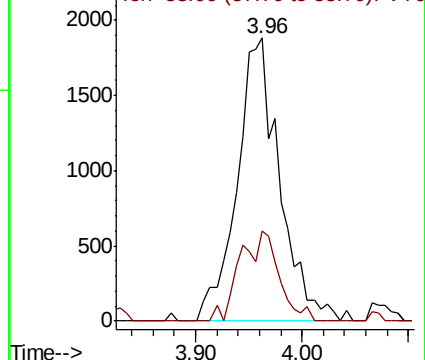
43 100

58 32.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#31

Cyclohexane

Concen: 1.199 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003187.D

Acq: 14 Jul 2020 11:36

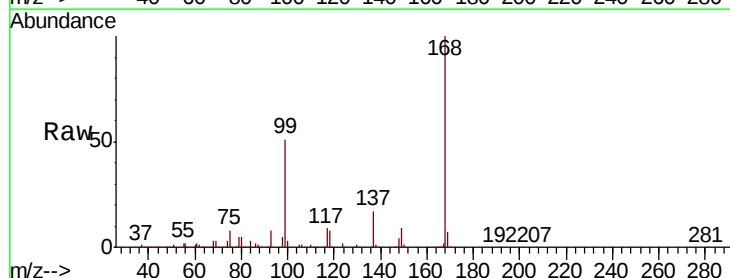
Tgt Ion: 56 Resp: 8646

Ion Ratio Lower Upper

56 100

69 162.5 26.7 40.1#

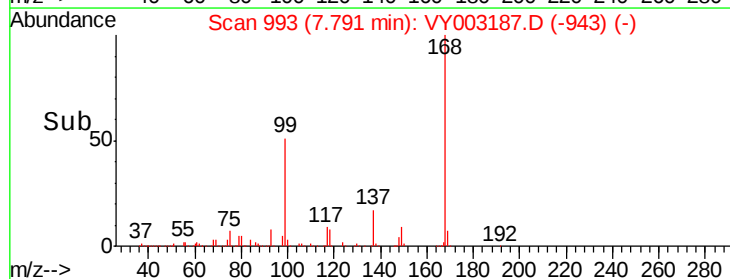
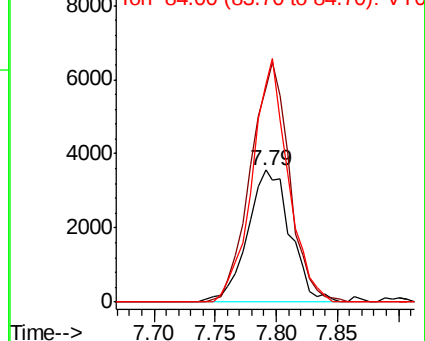
84 165.1 72.3 108.5#

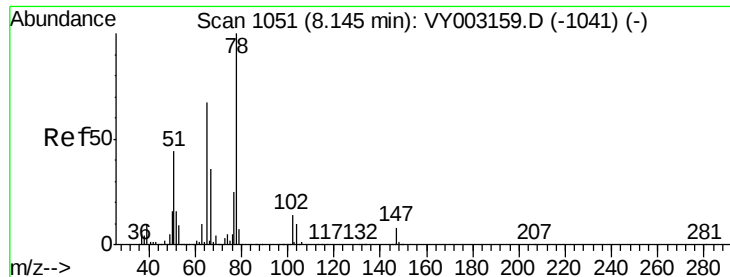


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

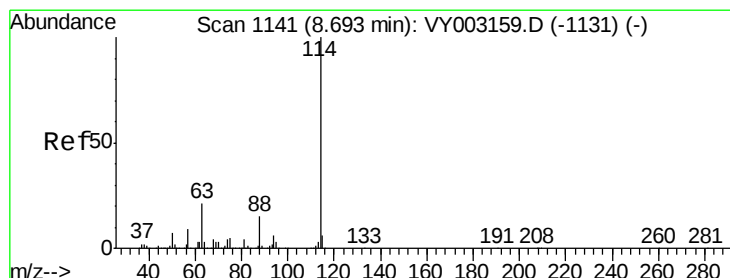
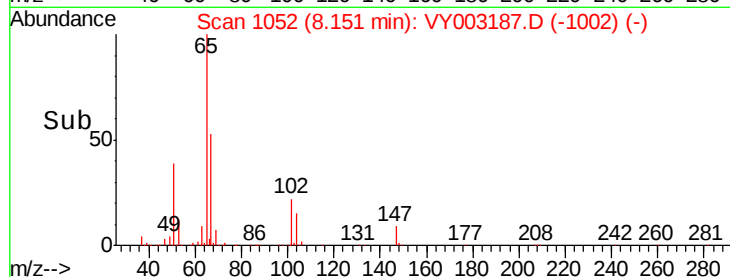
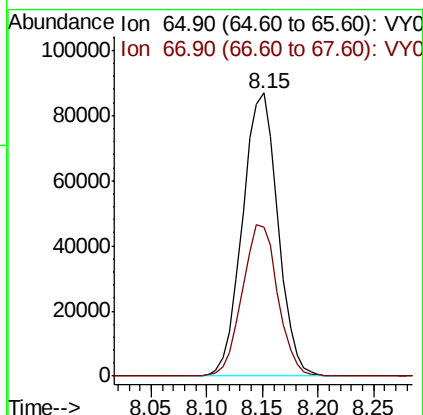
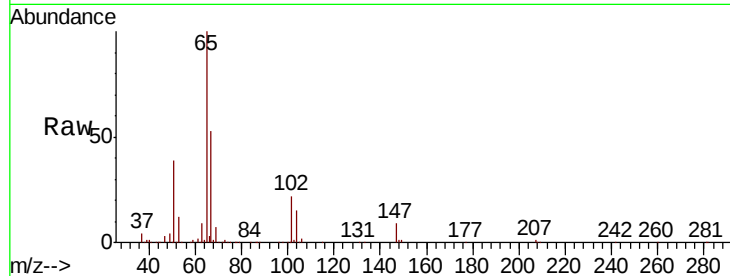




#33
 1,2-Dichloroethane-d4
 Concen: 48.568 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003187.D
 Acq: 14 Jul 2020 11:36

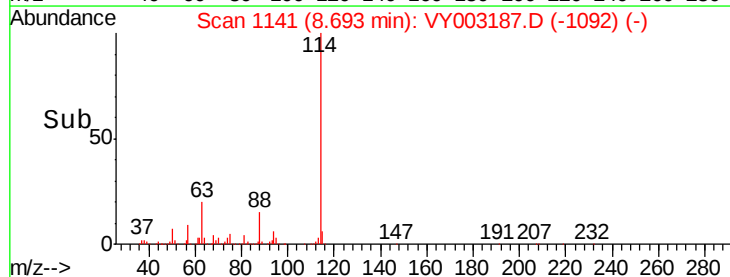
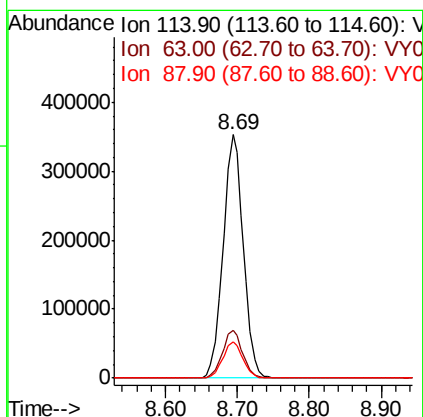
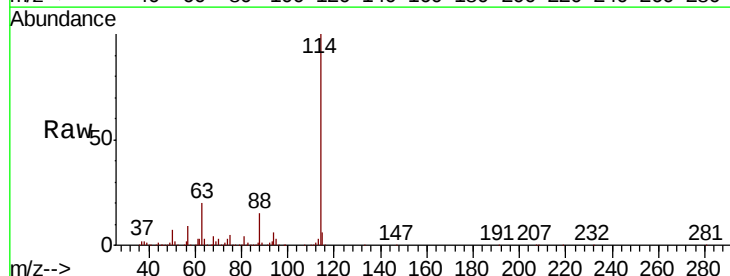
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBL01

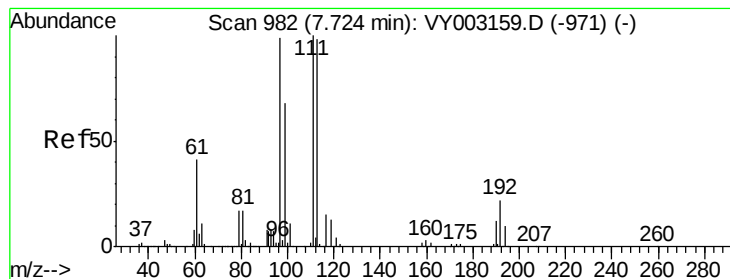
Tot Ion: 65 Resp: 192589
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003187.D
 Acq: 14 Jul 2020 11:36

Tgt Ion: 114 Resp: 686984
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.2
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.461 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003187.D

Acq: 14 Jul 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBL01

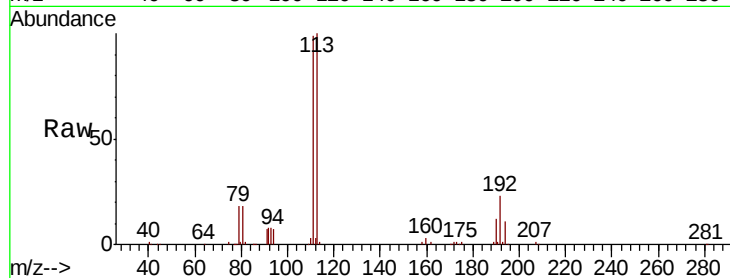
Tot Ion:113 Resp: 191587

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

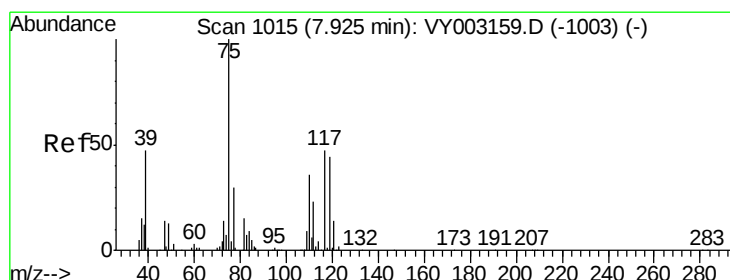
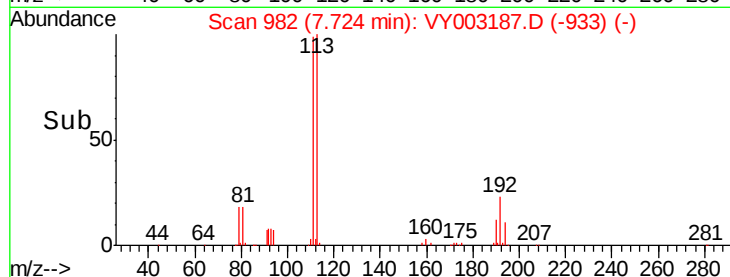
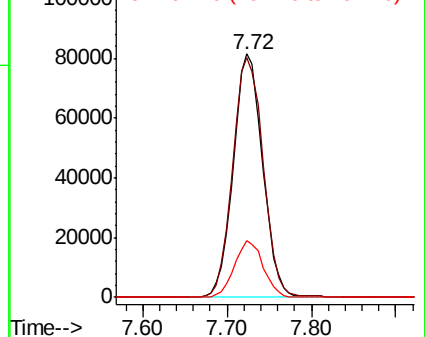
192 22.9 18.8 28.2



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: 5.247 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003187.D

Acq: 14 Jul 2020 11:36

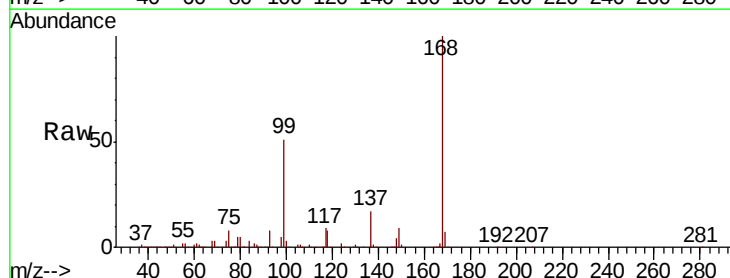
Tgt Ion: 75 Resp: 32672

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.1#

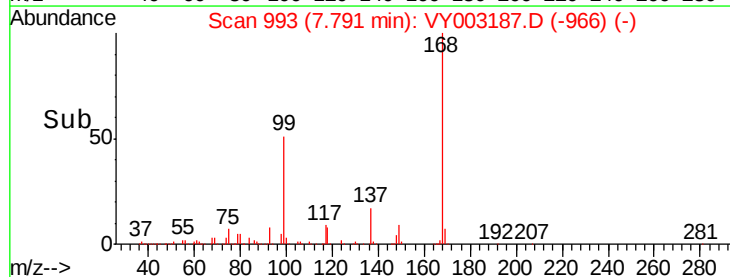
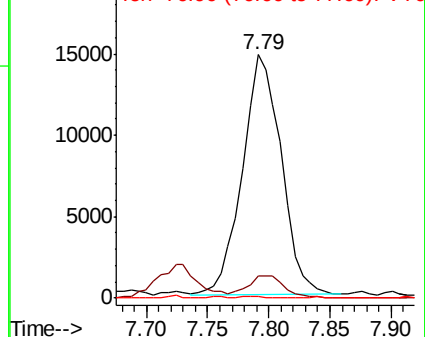
77 0.3 24.8 37.2#

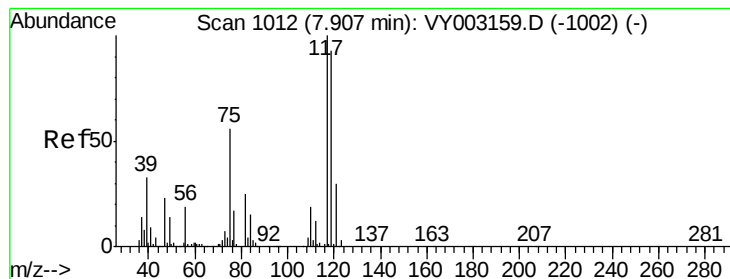


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.536 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003187.D

Acq: 14 Jul 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBL01

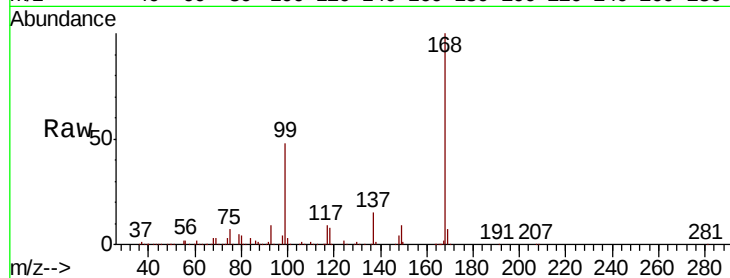
Tot Ion:117 Resp: 42009

Ion Ratio Lower Upper

117 100

119 4.0 74.5 111.7#

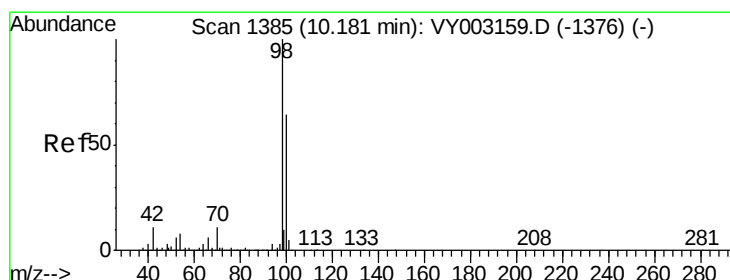
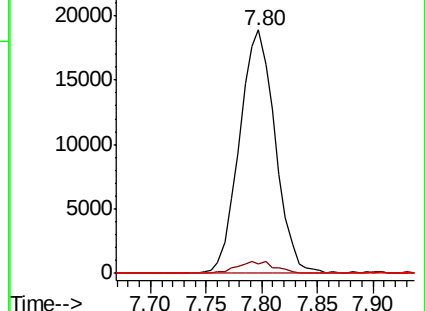
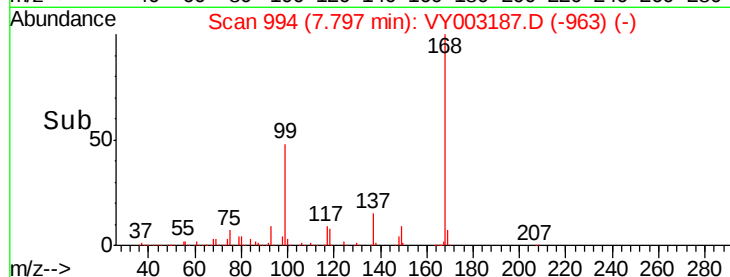
121 0.0 24.2 36.2#



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: 47.426 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003187.D

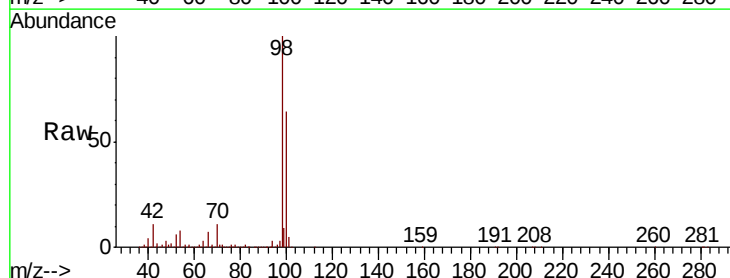
Acq: 14 Jul 2020 11:36

Tgt Ion: 98 Resp: 697081

Ion Ratio Lower Upper

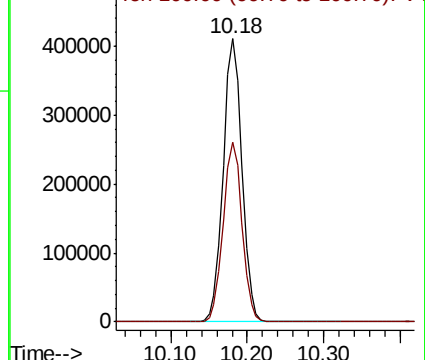
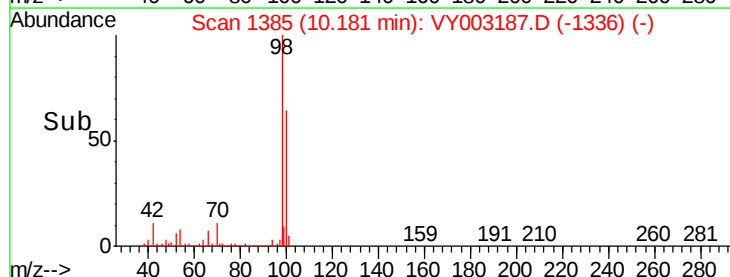
98 100

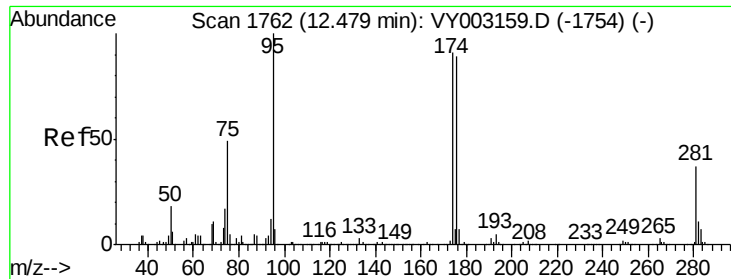
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.814 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003187.D

Acq: 14 Jul 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBL01

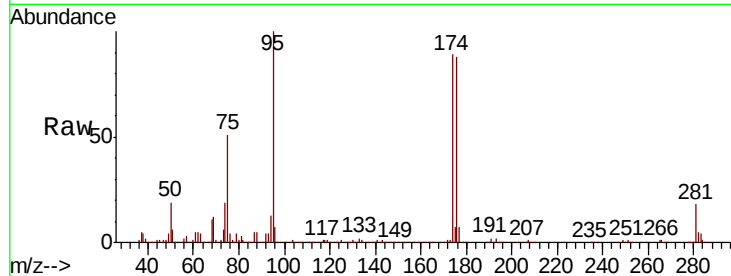
Tot Ion: 95 Resp: 243266

Ion Ratio Lower Upper

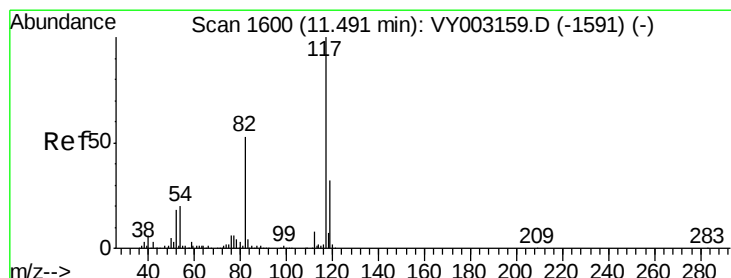
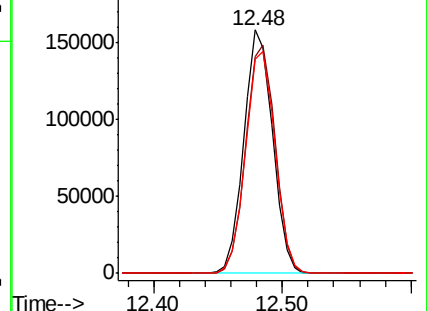
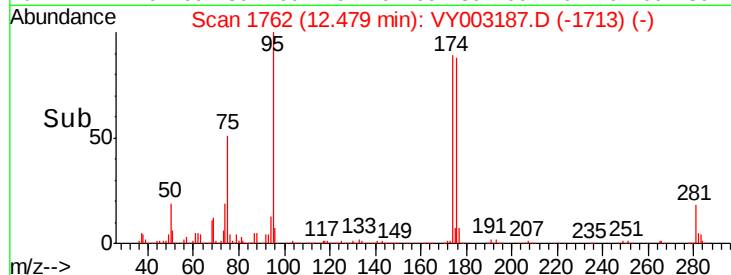
95 100

174 95.8 0.0 190.6

176 93.4 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003187.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003187.D

Acq: 14 Jul 2020 11:36

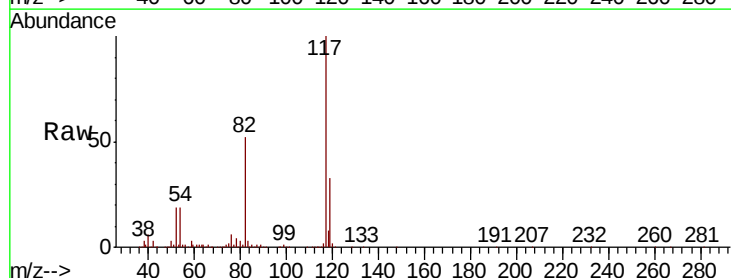
Tgt Ion: 117 Resp: 619720

Ion Ratio Lower Upper

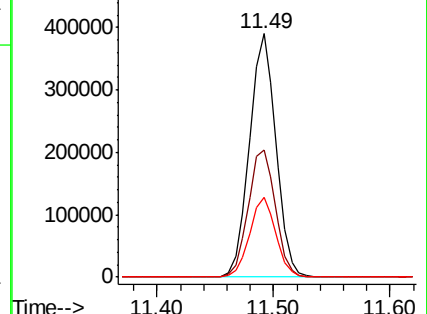
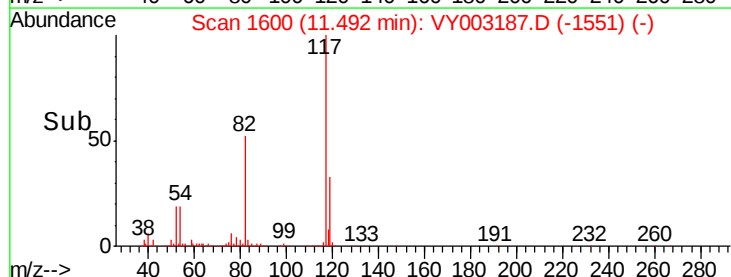
117 100

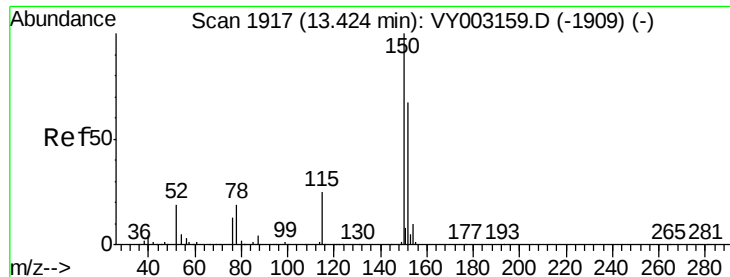
82 52.4 42.0 63.0

119 32.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VY003187.D (-1551) (-)



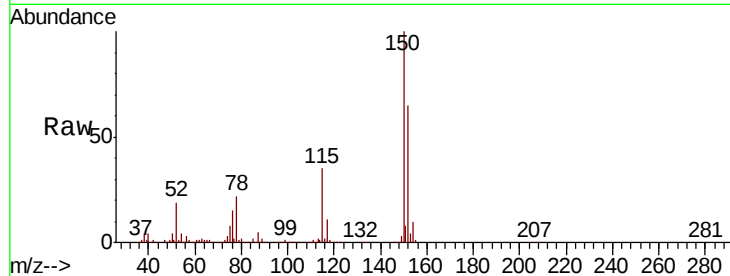


#72

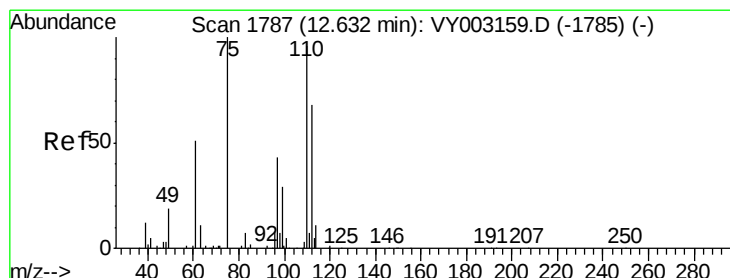
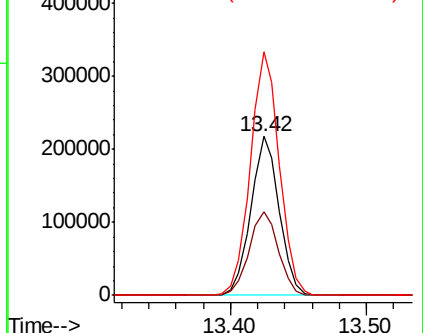
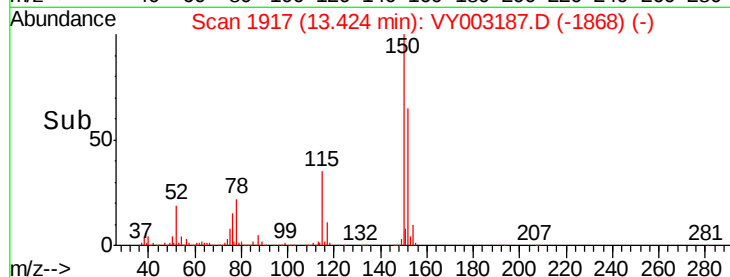
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003187.D
Acq: 14 Jul 2020 11:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.9	80.7
150	156.4	0.0	338.0



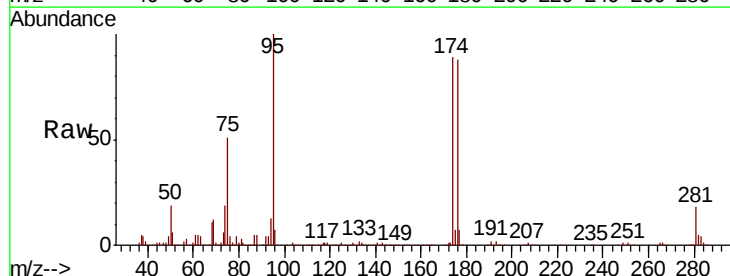
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



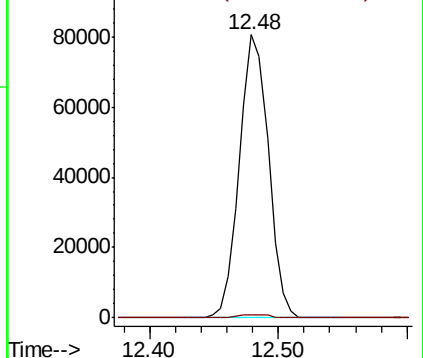
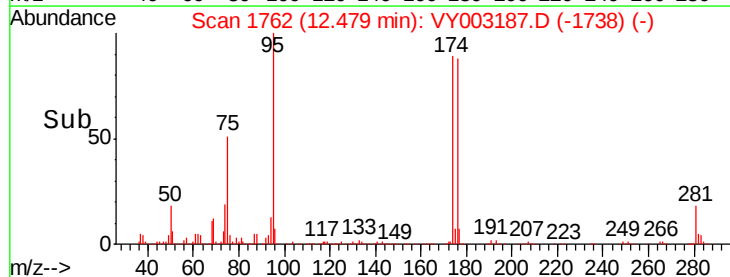
#76

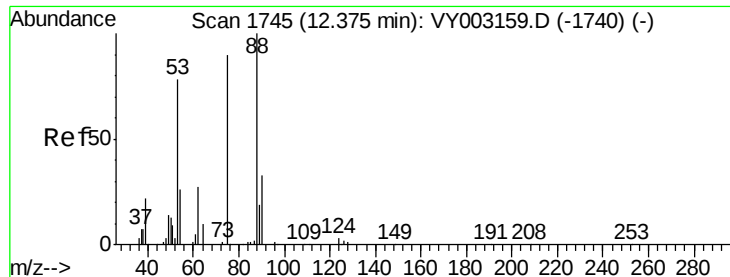
1,2,3-Trichloropropane
Concen: 44.704 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003187.D
Acq: 14 Jul 2020 11:36

Tgt 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: 87.003 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003187.D

Acq: 14 Jul 2020 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBL01

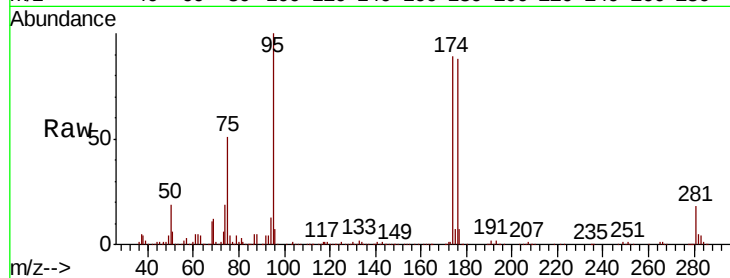
Tot Ion: 75 Resp: 125893

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.1 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

