

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003420.D
 Acq On : 03 Aug 2020 16:27
 Operator : SY/MD
 Sample : L3535-05
 Misc : 5.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JTY1-SB-01-32-33

Quant Time: Aug 04 01:35:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	447505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	708903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	671200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	341188	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	230286	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
35) Dibromofluoromethane	7.72	113	226880	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
50) Toluene-d8	10.18	98	866274	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.48	95	291500	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	

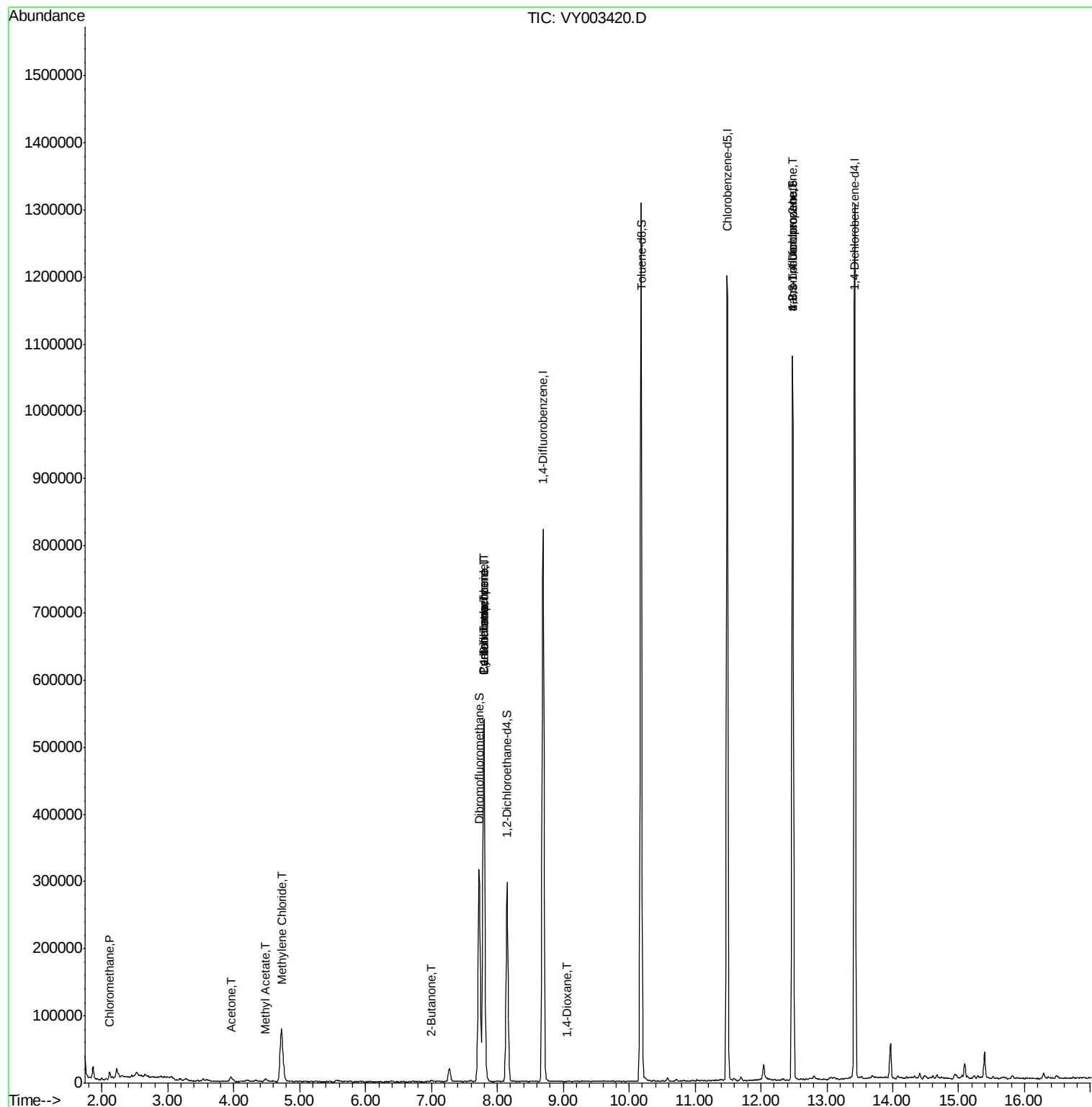
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	8984	1.790	ug/l	92
11) Tert butyl alcohol	4.95	59	1158	Below Cal	#	73
16) Acetone	3.96	43	10911	10.379	ug/l	100
18) Methyl Acetate	4.48	43	8050	2.902	ug/l	92
20) Methylene Chloride	4.72	84	61357	3.295	ug/l	95
25) 2-Butanone	7.00	43	1878	1.172	ug/l #	89
31) Cyclohexane	7.79	56	8139	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	30383	4.529	ug/l #	50
38) Carbon Tetrachloride	7.80	117	41270	5.979	ug/l #	16
49) 1,4-Dioxane	9.06	88	53	1.497	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	152013	49.596	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	152013	93.797	ug/l #	15

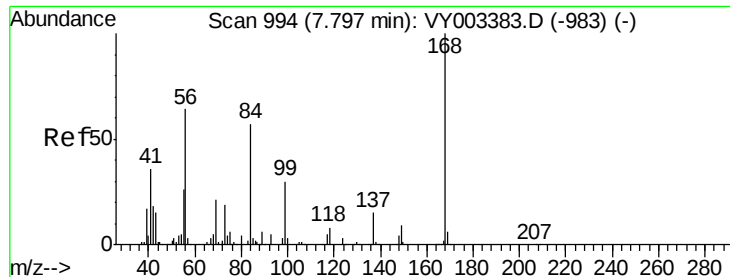
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003420.D
Acq On : 03 Aug 2020 16:27
Operator : SY/MD
Sample : L3535-05
Misc : 5.86G/5ML/MSVOA Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JTY1-SB-01-32-33

Quant Time: Aug 04 01:35:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 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: VY003420.D

Acq: 03 Aug 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

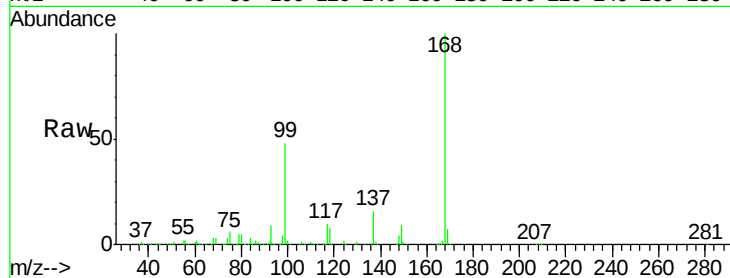
JTY1-SB-01-32-33

Tot Ion:168 Resp: 447505

Ion Ratio Lower Upper

168 100

99 48.2 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

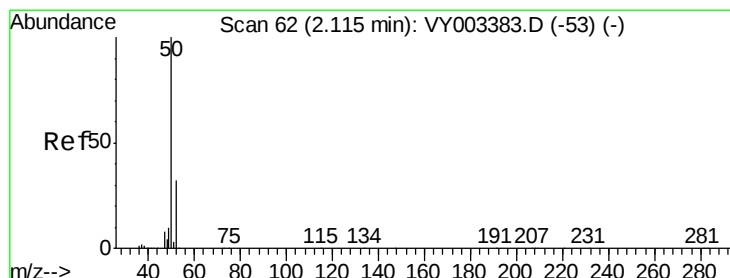
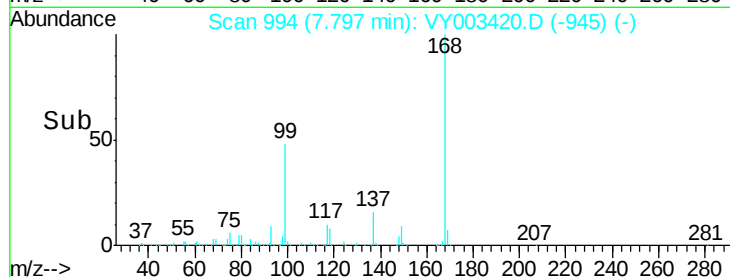
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.790 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003420.D

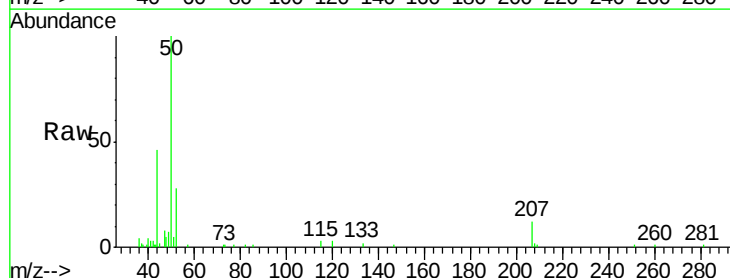
Acq: 03 Aug 2020 16:27

Tgt Ion: 50 Resp: 8984

Ion Ratio Lower Upper

50 100

52 27.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003383.D (-53) (-)

Ion 51.90 (51.60 to 52.60): VY003383.D (-53) (-)

2.11

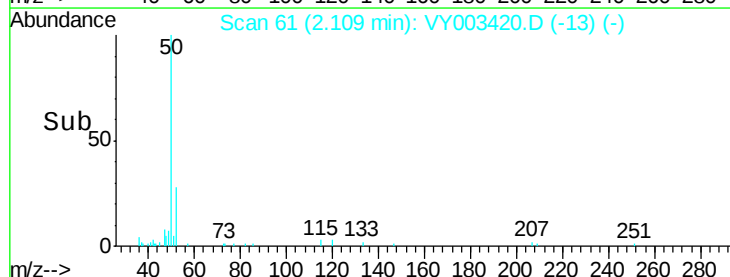
6000

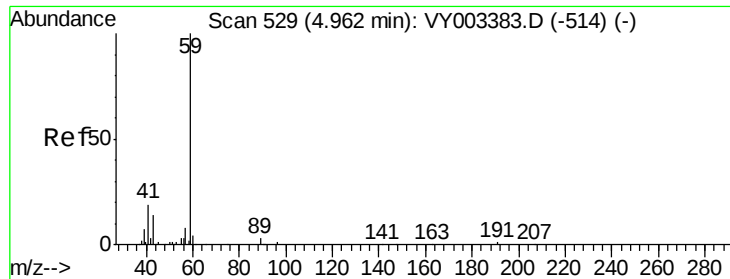
4000

2000

0

Time-->

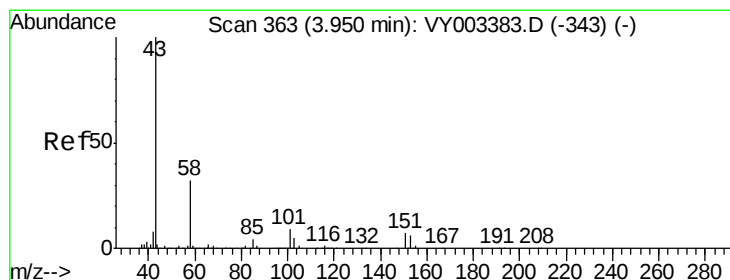
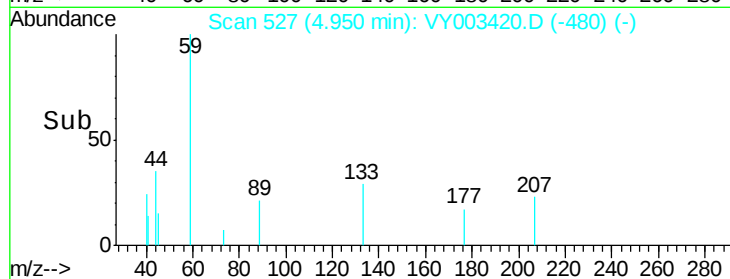
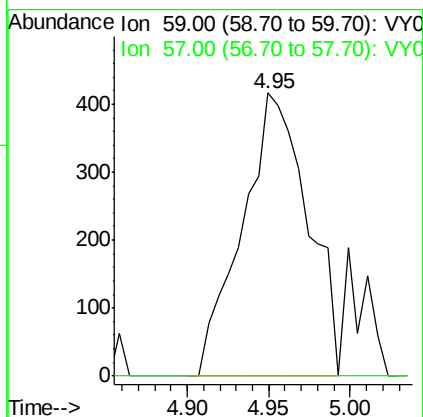
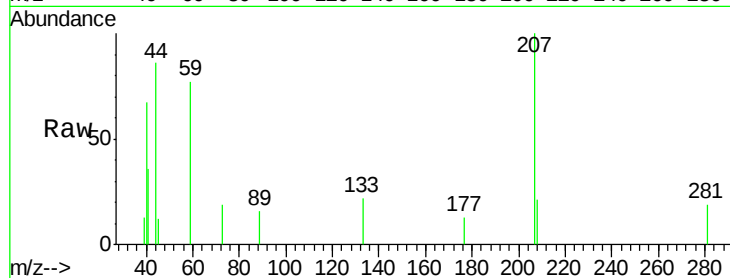




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.95 min Scan# 527
Delta R.T. -0.01 min
Lab File: VY003420.D
Acq: 03 Aug 2020 16:27

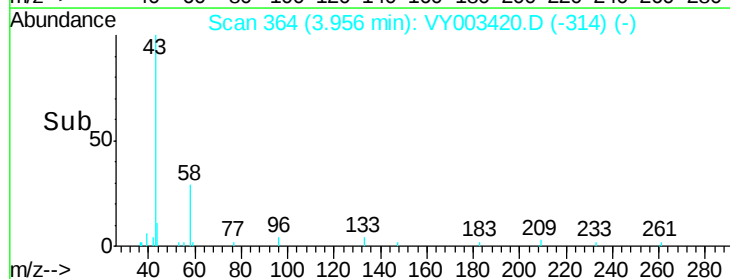
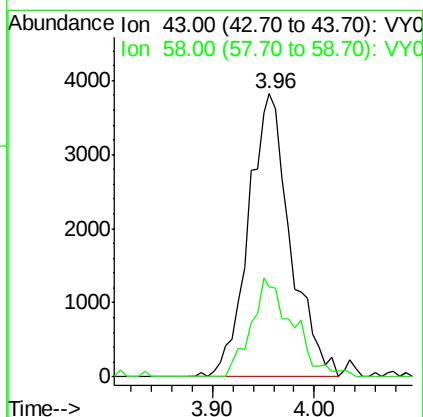
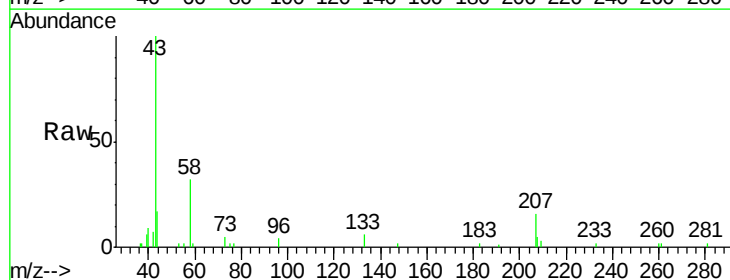
Instrument :
MSVOA_Y
ClientSampleId :
JTY1-SB-01-32-33

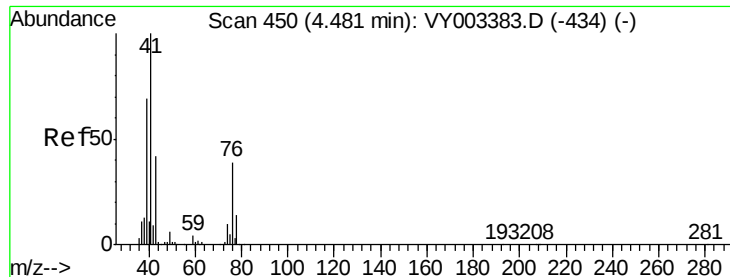
Tot Ion: 59 Resp: 1158
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 10.379 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003420.D
Acq: 03 Aug 2020 16:27

Tgt Ion: 43 Resp: 10911
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.2

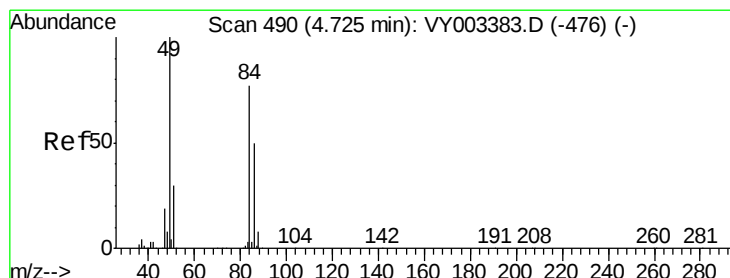
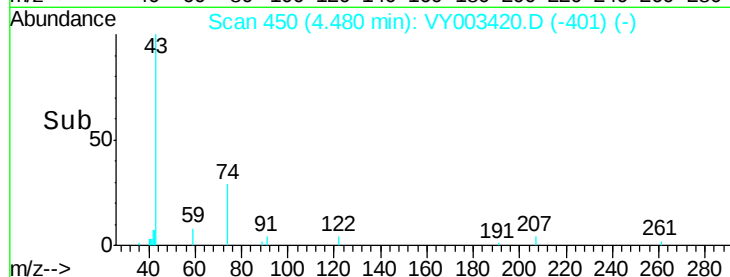
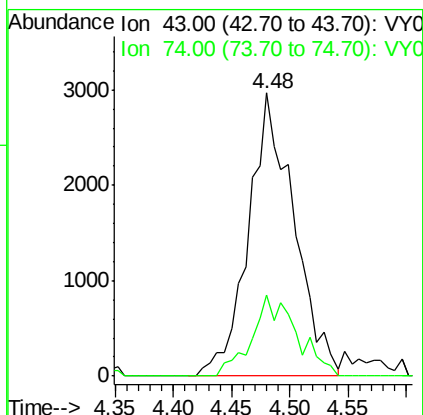
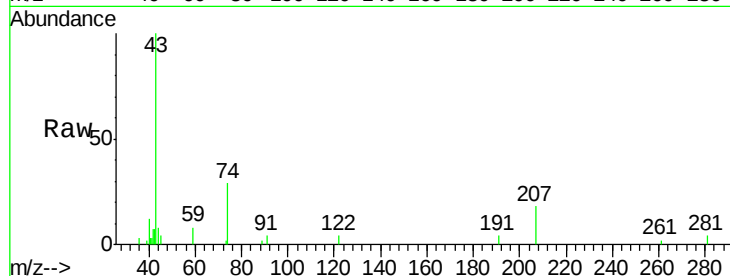




#18
Methvl Acetate
Concen: 2.902 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003420.D
Acq: 03 Aug 2020 16:27

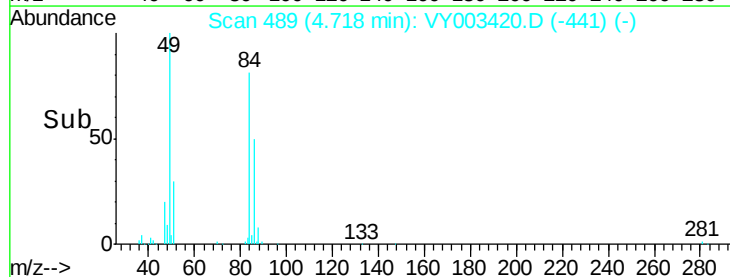
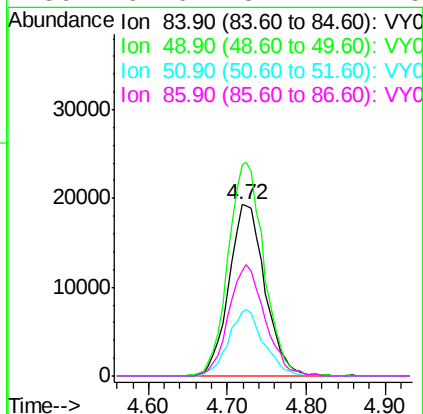
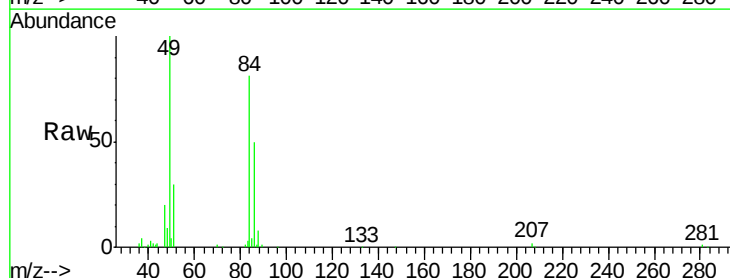
Instrument :
MSVOA_Y
ClientSampleId :
JTY1-SB-01-32-33

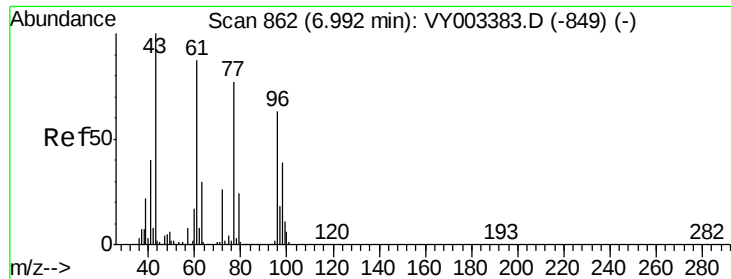
Tot Ion: 43 Resp: 8050
Ion Ratio Lower Upper
43 100
74 28.1 19.2 28.8



#20
Methylene Chloride
Concen: 3.295 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003420.D
Acq: 03 Aug 2020 16:27

Tgt Ion: 84 Resp: 61357
Ion Ratio Lower Upper
84 100
49 123.3 104.2 156.4
51 37.3 31.5 47.3
86 61.6 51.7 77.5





#25

2-Butanone

Concen: 1.172 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

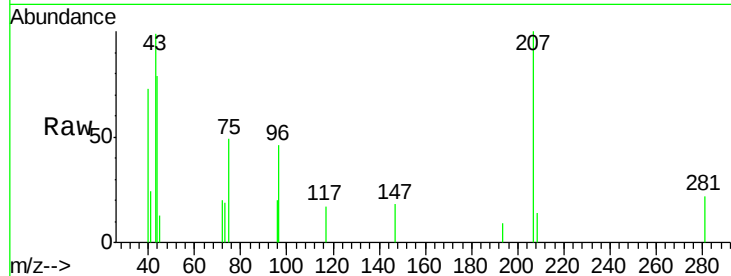
JTY1-SB-01-32-33

Tot Ion: 43 Resp: 1878

Ion Ratio Lower Upper

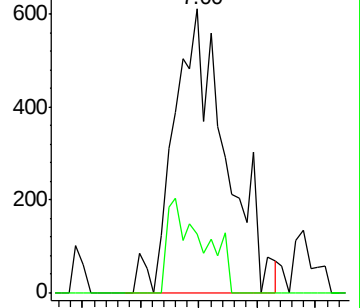
43 100

72 20.6 21.1 31.7#

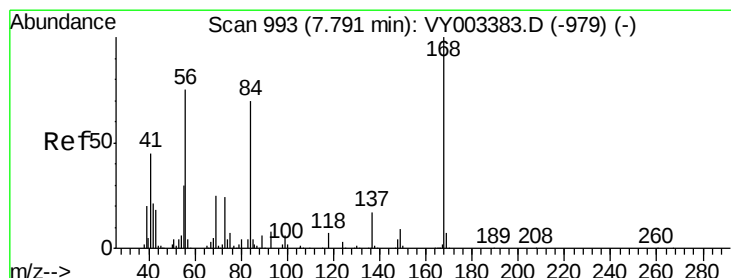
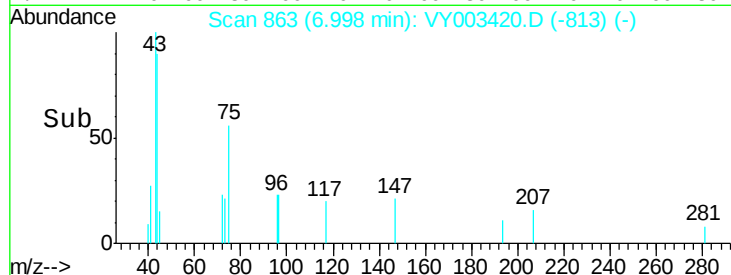


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

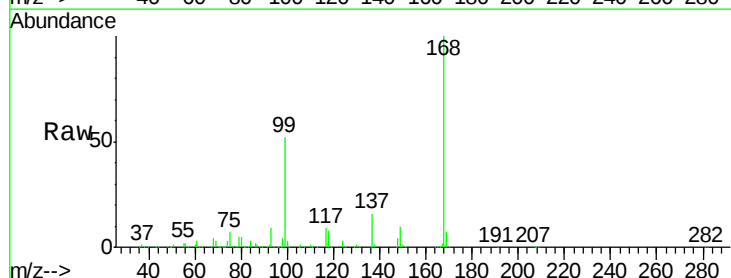
Tgt Ion: 56 Resp: 8139

Ion Ratio Lower Upper

56 100

69 166.1 26.1 39.1#

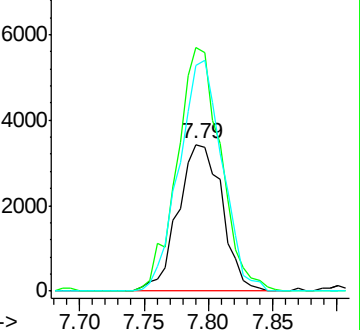
84 153.6 73.9 110.9#



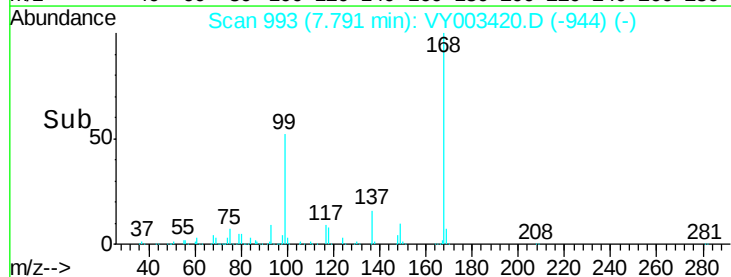
Abundance Ion 56.00 (55.70 to 56.70): VY0

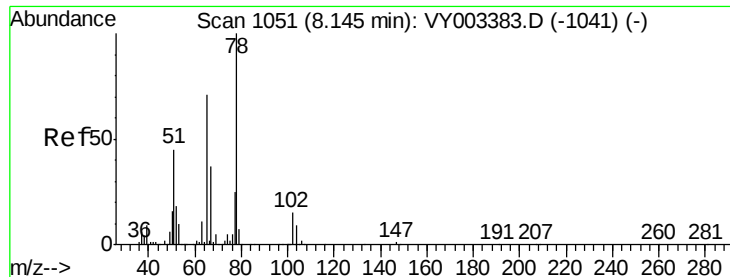
Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



Time-->

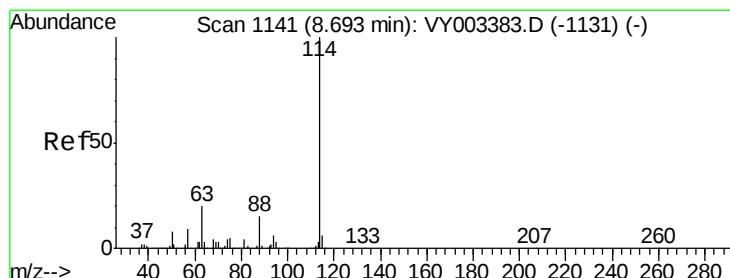
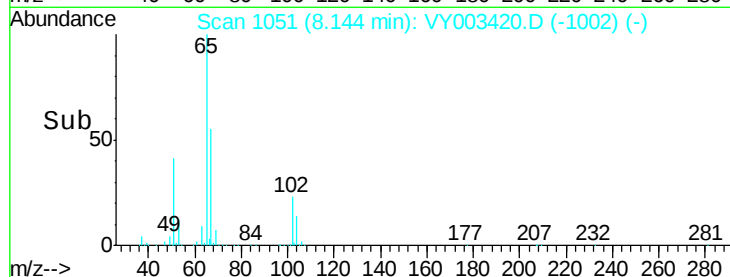
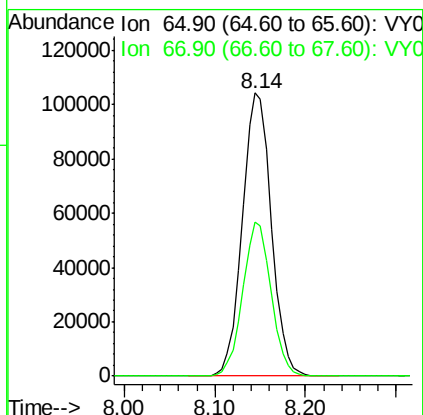
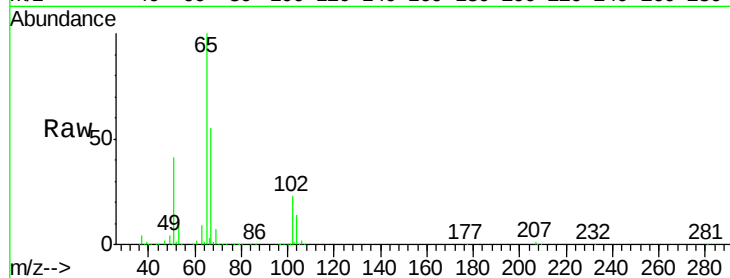




#33
 1,2-Dichloroethane-d4
 Concen: 54.122 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003420.D
 Acq: 03 Aug 2020 16:27

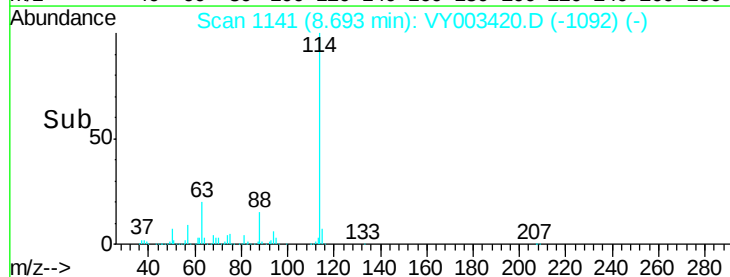
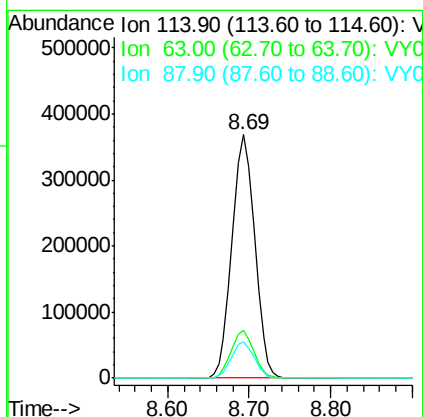
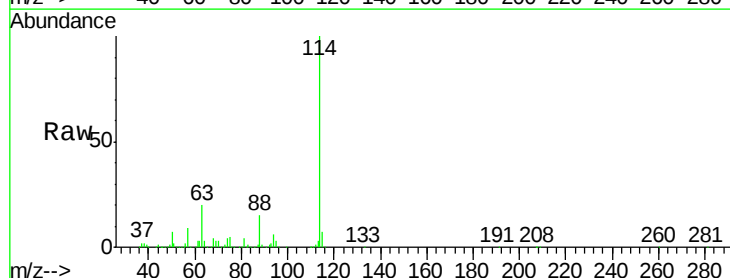
Instrument :
 MSVOA_Y
 ClientSampleId :
 JTY1-SB-01-32-33

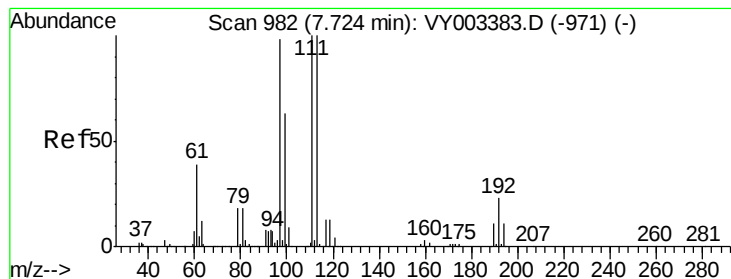
Tot Ion: 65 Resp: 230286
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003420.D
 Acq: 03 Aug 2020 16:27

Tgt Ion: 114 Resp: 708903
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 54.331 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-01-32-33

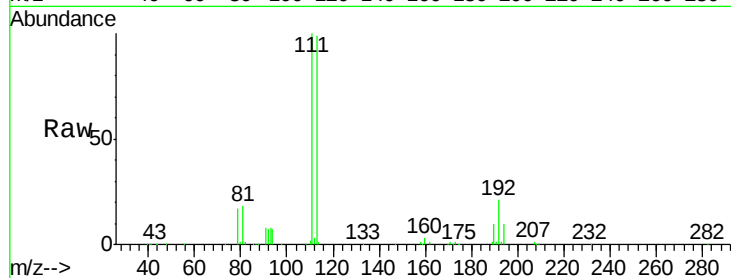
Tot Ion:113 Resp: 226880

Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.4

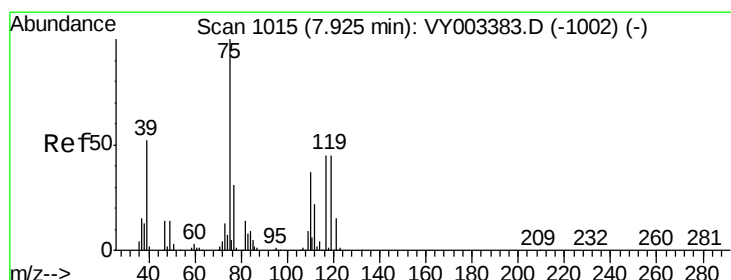
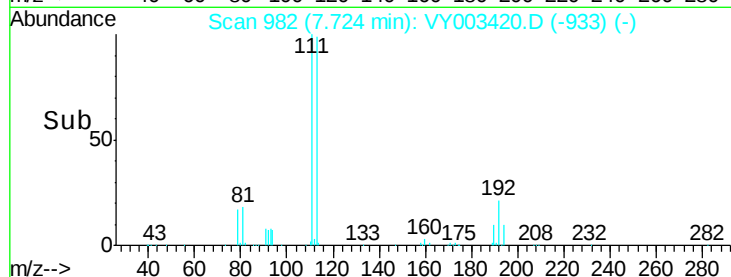
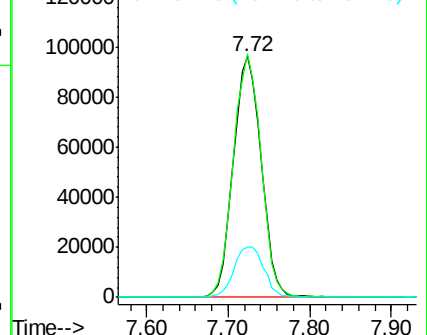
192 22.4 18.8 28.2



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: 4.529 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

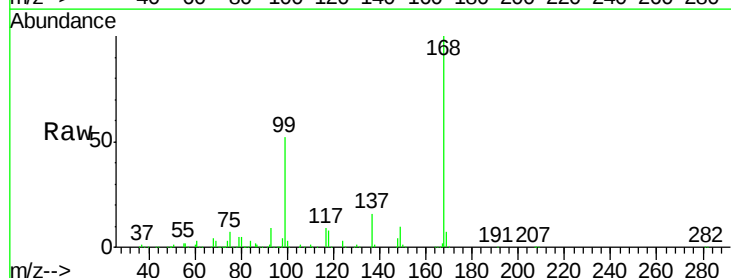
Tgt Ion: 75 Resp: 30383

Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.5#

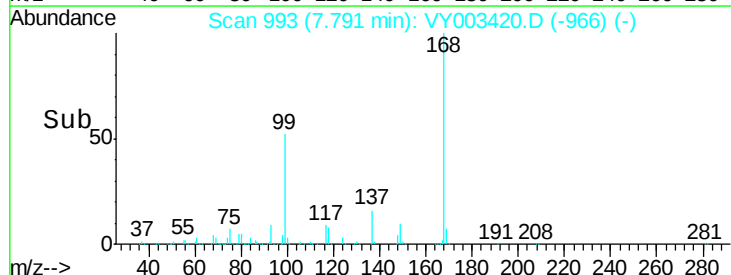
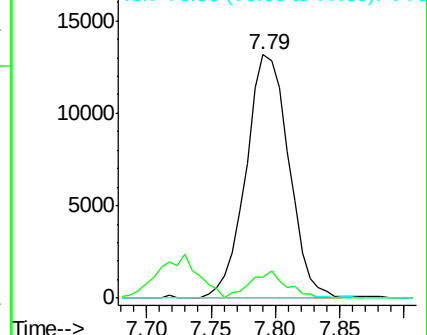
77 0.0 24.6 36.8#

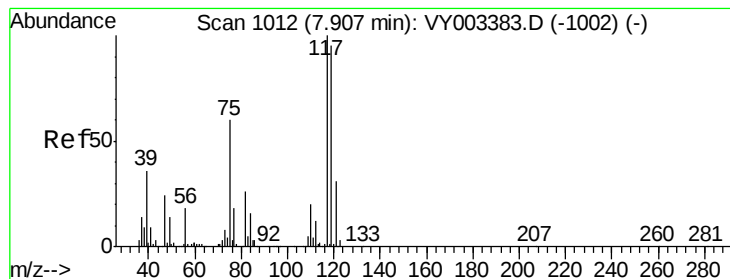


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 5.979 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-01-32-33

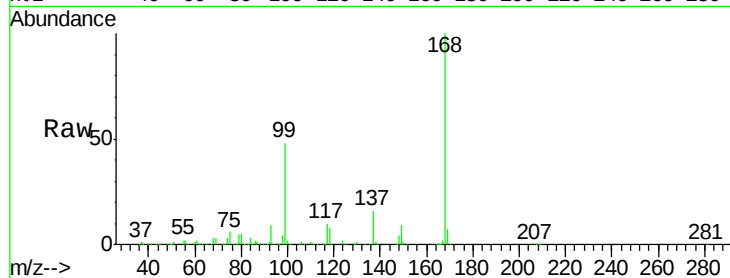
Tot Ion:117 Resp: 41270

Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

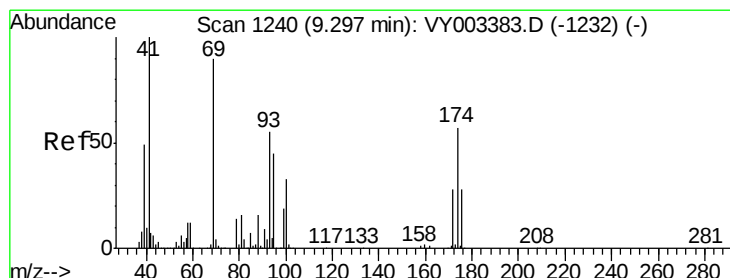
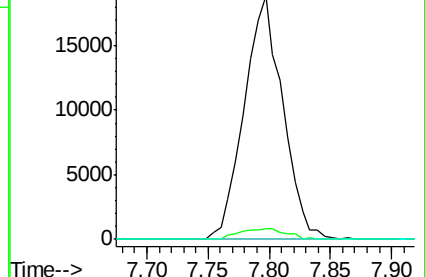
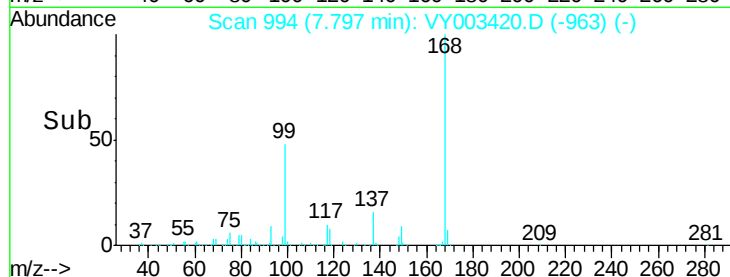
121 0.0 24.5 36.7#



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: 1.497 ug/l

RT: 9.06 min Scan# 1201

Delta R.T. -0.24 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

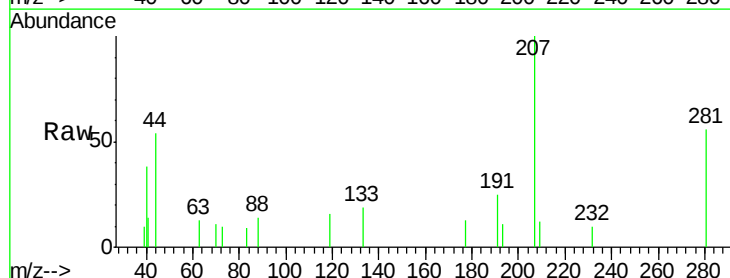
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 130.2 24.9 37.3#

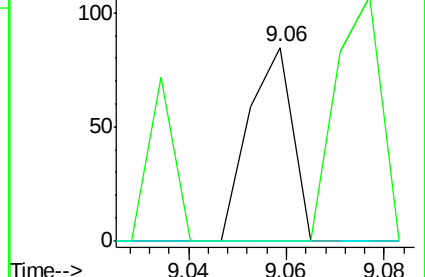
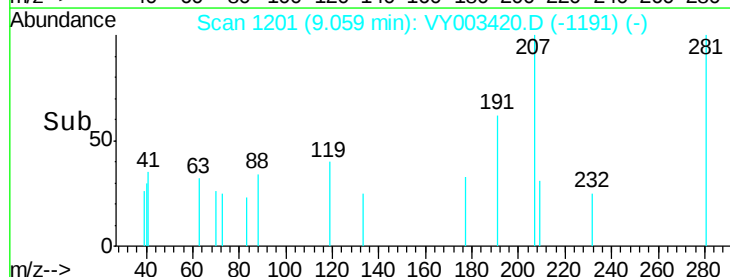
58 0.0 54.3 81.5#

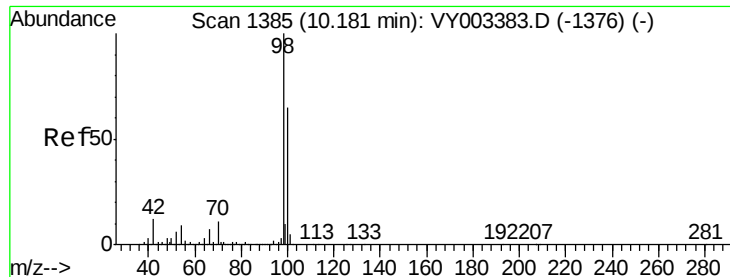


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 52.977 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

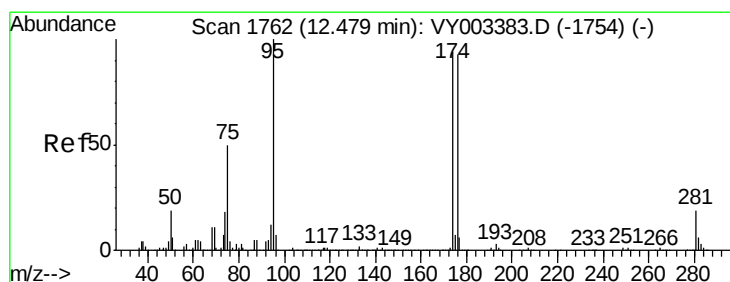
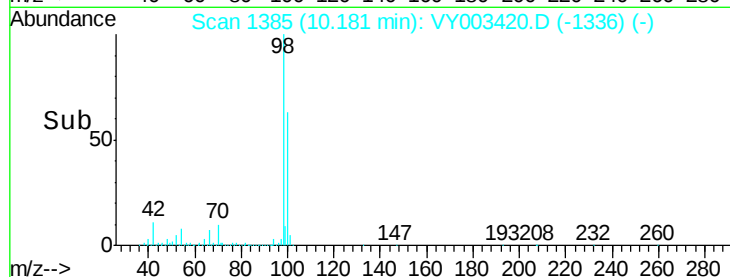
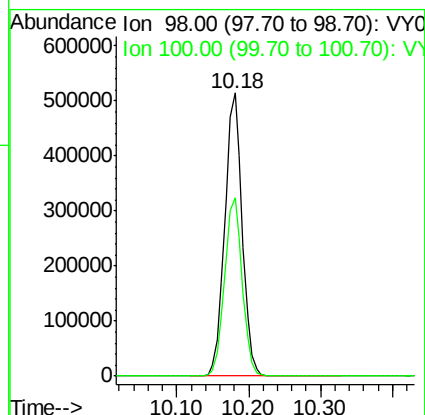
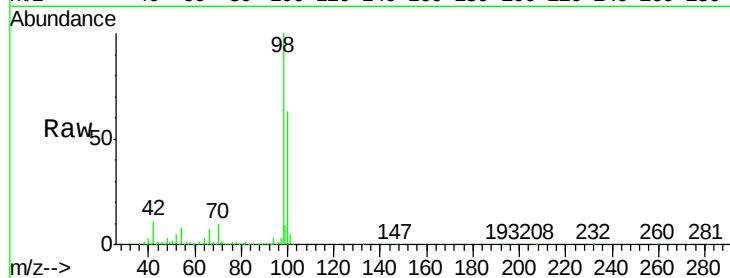
JTY1-SB-01-32-33

Tot Ion: 98 Resp: 866274

Ion Ratio Lower Upper

98 100

100 63.7 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 52.174 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

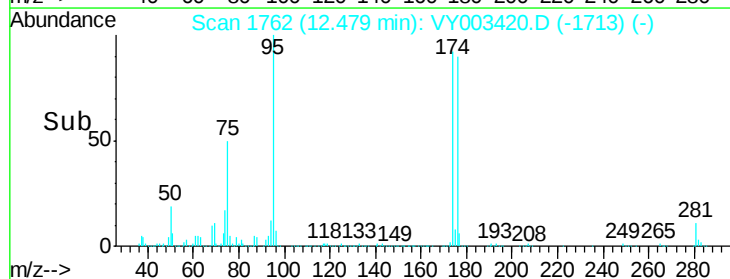
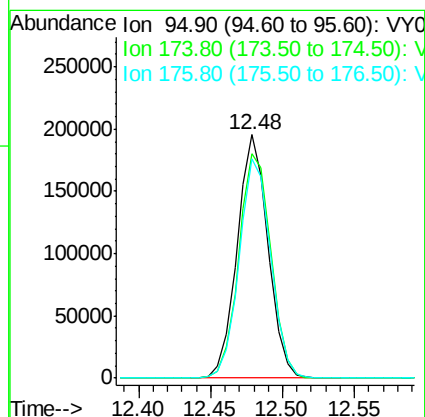
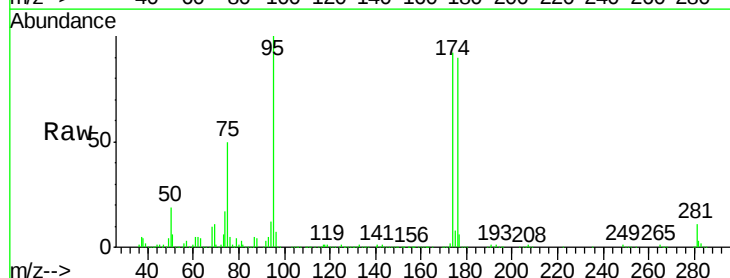
Tgt Ion: 95 Resp: 291500

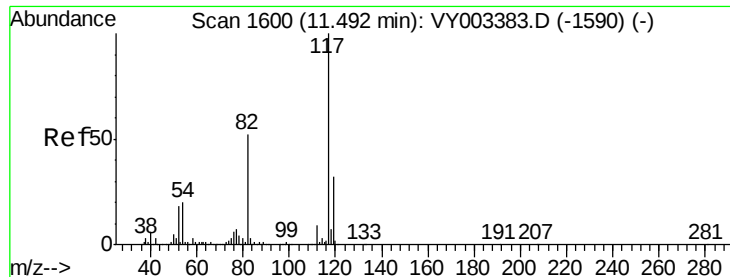
Ion Ratio Lower Upper

95 100

174 95.3 0.0 190.0

176 91.5 0.0 184.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-01-32-33

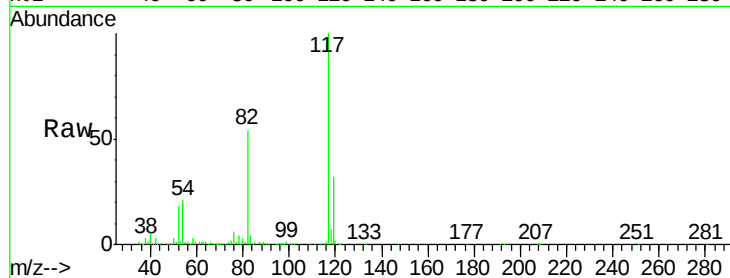
Tot Ion:117 Resp: 671200

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

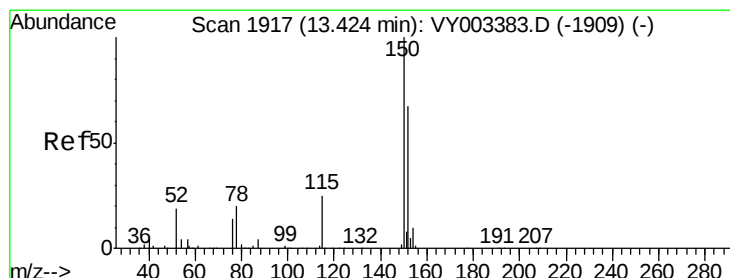
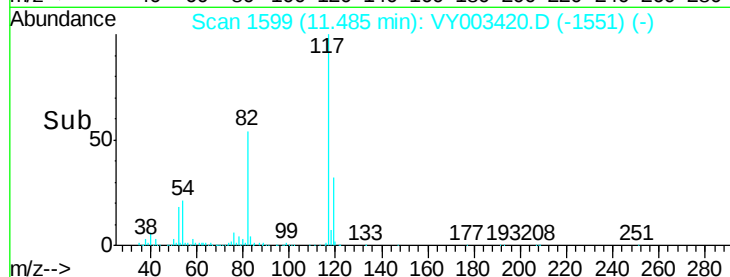
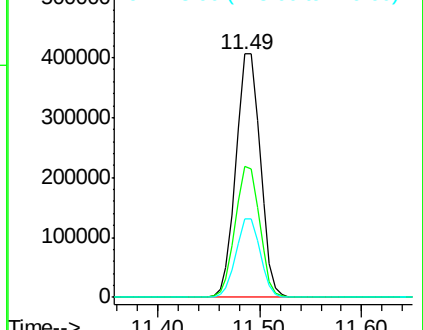
119 32.3 25.4 38.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

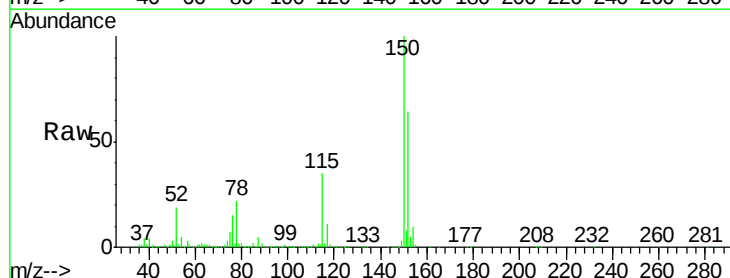
Tgt Ion:152 Resp: 341188

Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.5

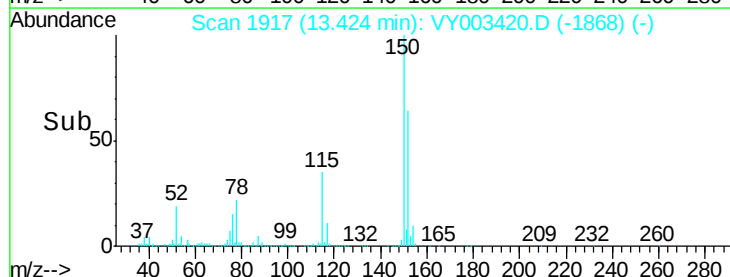
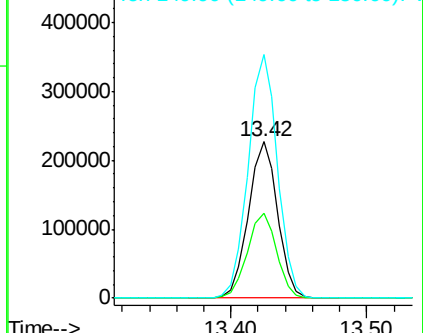
150 156.7 0.0 346.8

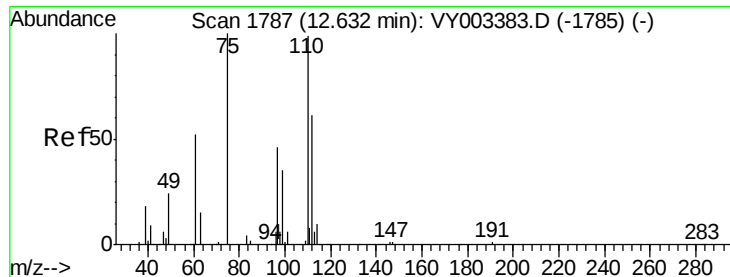


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 49.596 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

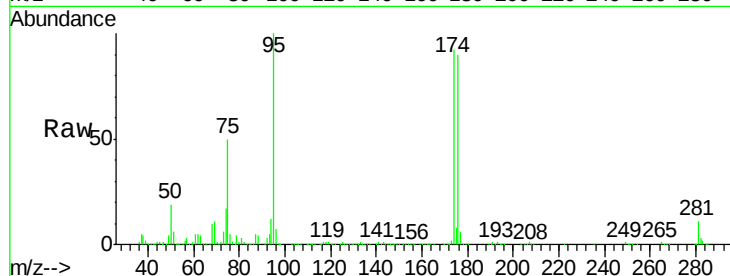
JTY1-SB-01-32-33

Tot Ion: 75 Resp: 152013

Ion Ratio Lower Upper

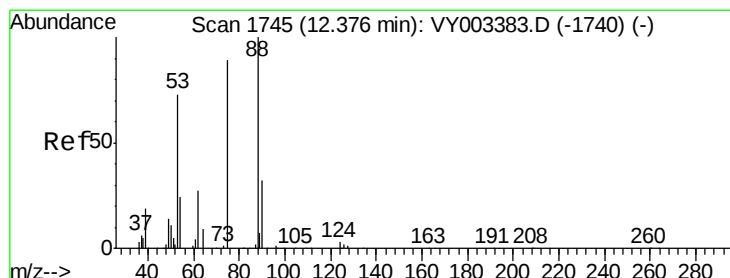
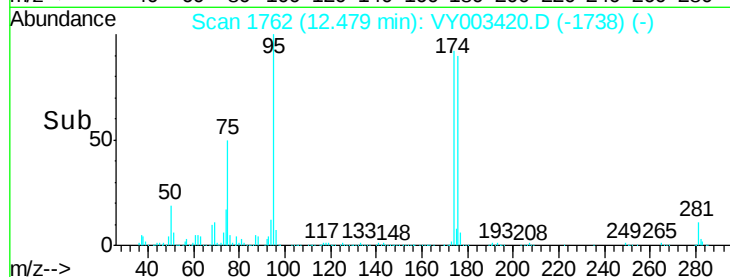
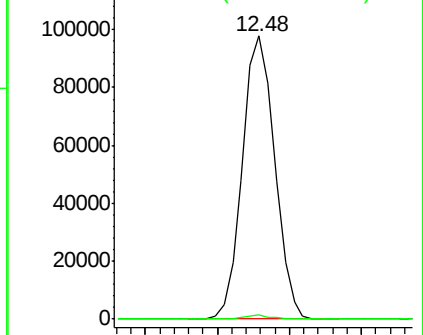
75 100

77 1.2 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: 93.797 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003420.D

Acq: 03 Aug 2020 16:27

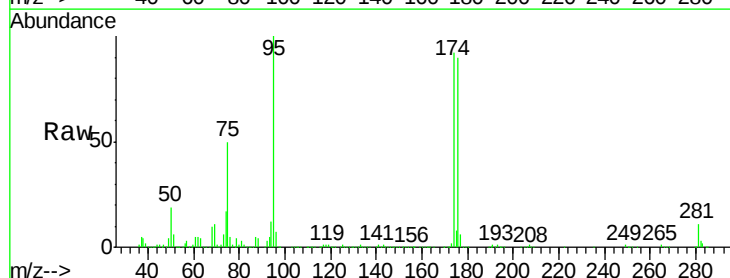
Tgt Ion: 75 Resp: 152013

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

89 0.1 33.8 50.6#



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

