

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003163.D
 Acq On : 10 Jul 2020 15:11
 Operator : SY/MD
 Sample : VY0710SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBL01

Quant Time: Jul 11 06:00:53 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	485989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	712939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	652979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	334901	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	197173	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
35) Dibromofluoromethane	7.72	113	193925	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
50) Toluene-d8	10.18	98	715461	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
62) 4-Bromofluorobenzene	12.48	95	252001	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	

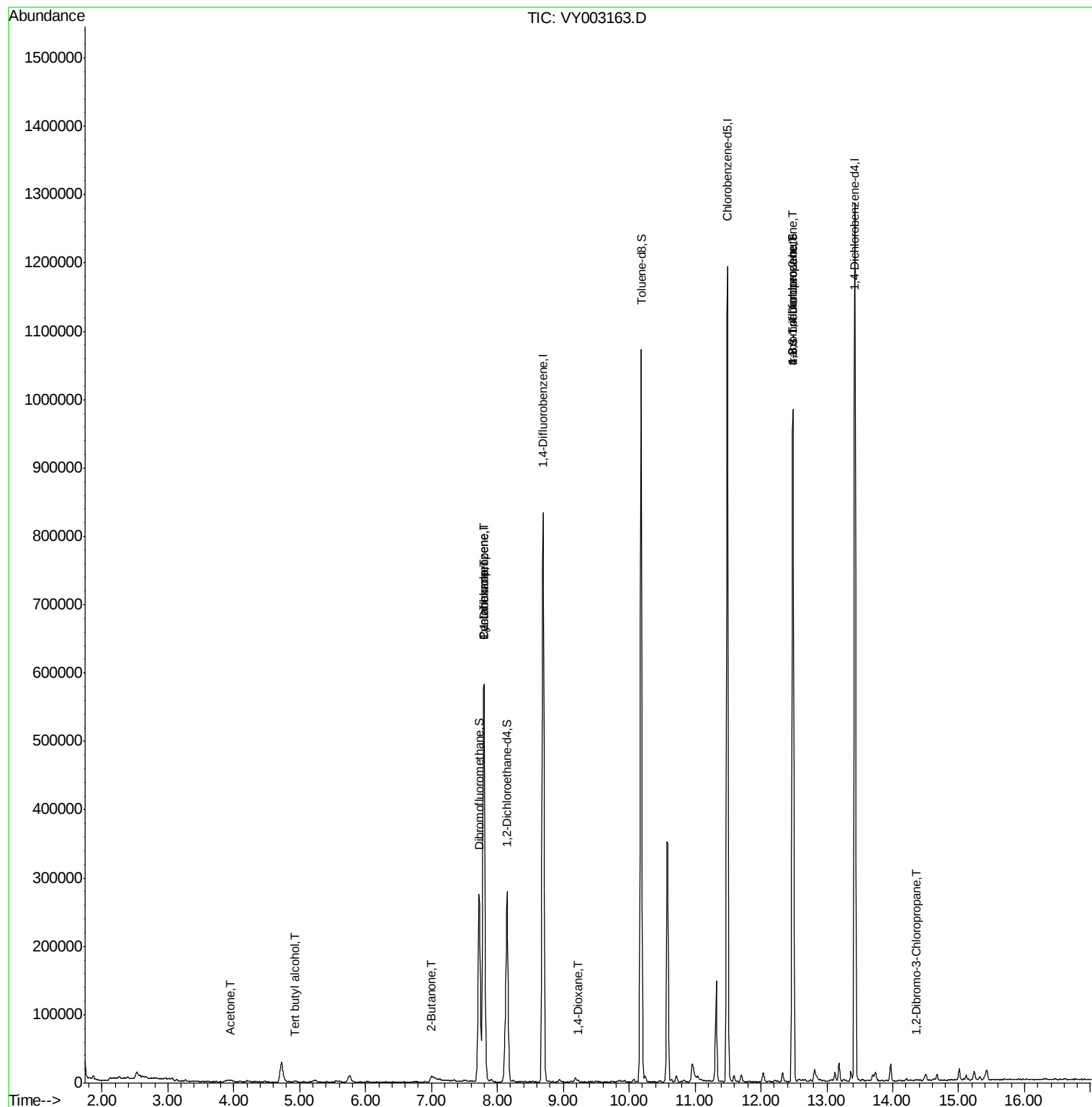
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.93	59	1516	3.418	ug/l #	72
16) Acetone	3.95	43	4371	4.771	ug/l #	87
20) Methylene Chloride	4.72	84	21258	Below Cal		95
25) 2-Butanone	6.99	43	2063	1.371	ug/l #	81
31) Cyclohexane	7.79	56	10712	1.436	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	34498	5.339	ug/l #	50
49) 1,4-Dioxane	9.22	88	68	1.993	ug/l #	28
76) 1,2,3-Trichloropropane	12.48	75	130091	43.884	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	130091	85.406	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.36	75	714	1.068	ug/l #	49

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

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0710SBL01

Quant Time: Jul 11 06:00:53 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: VY003163.D

Acq: 10 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

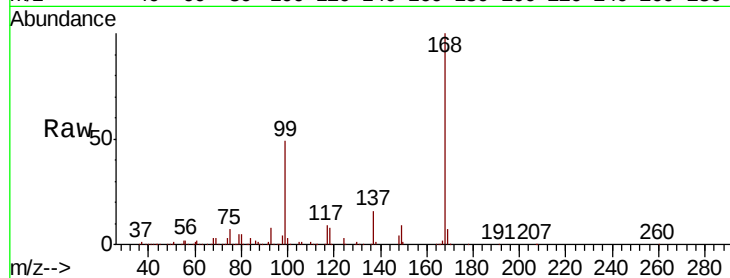
VY0710SBL01

Tot Ion:168 Resp: 485989

Ion Ratio Lower Upper

168 100

99 49.2 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

200000

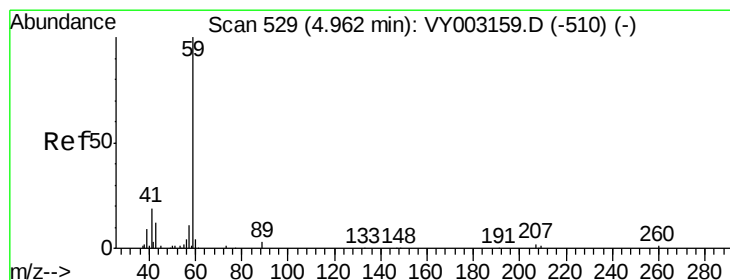
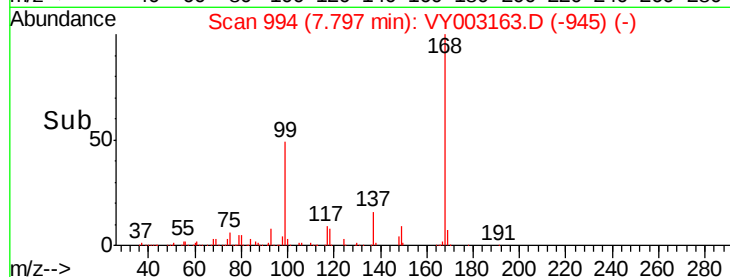
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.418 ug/l

RT: 4.93 min Scan# 524

Delta R.T. -0.03 min

Lab File: VY003163.D

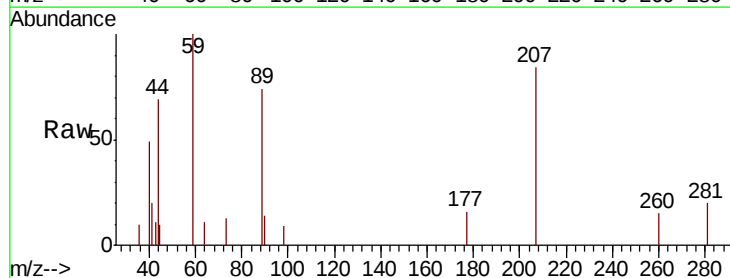
Acq: 10 Jul 2020 15:11

Tgt Ion: 59 Resp: 1516

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003159.D (-510) (-)

Ion 57.00 (56.70 to 57.70): VY003159.D (-510) (-)

4.93

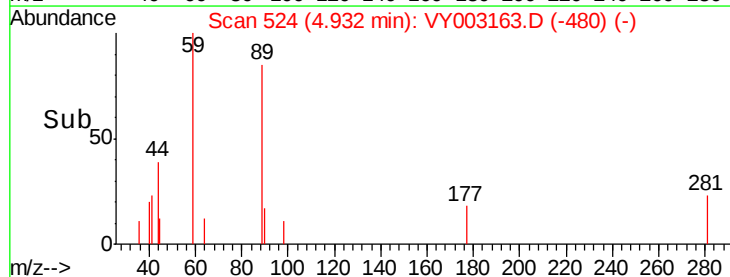
600

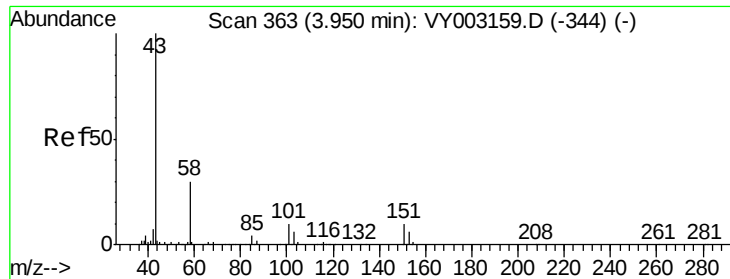
400

200

0

Time-->





#16

Acetone

Concen: 4.771 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003163.D

Acq: 10 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

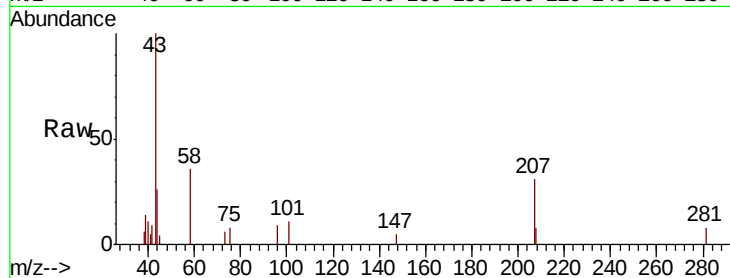
VY0710SBL01

Tot Ion: 43 Resp: 4371

Ion Ratio Lower Upper

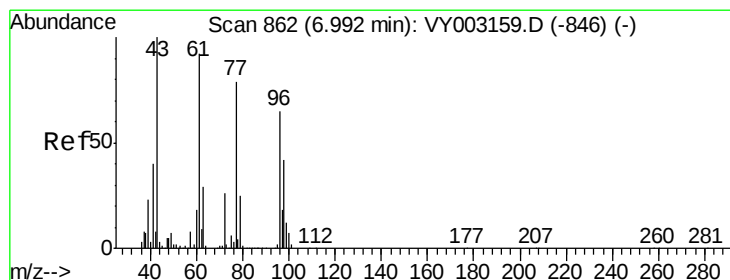
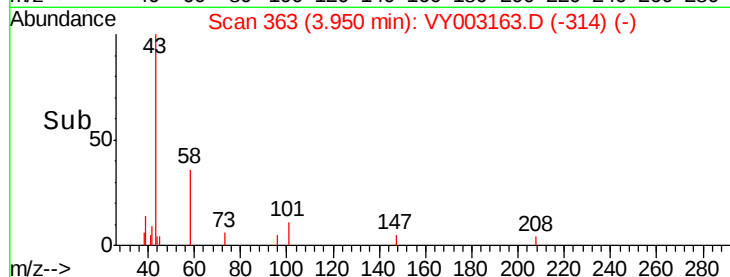
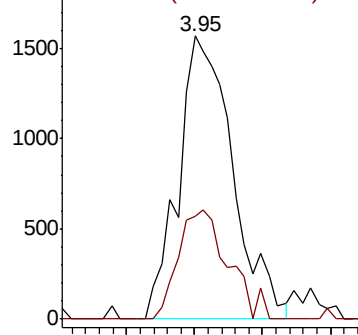
43 100

58 36.5 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#25

2-Butanone

Concen: 1.371 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003163.D

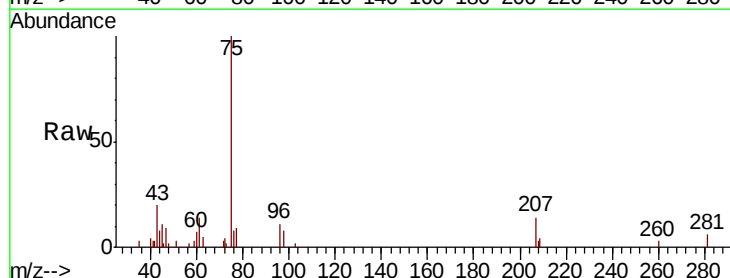
Acq: 10 Jul 2020 15:11

Tgt Ion: 43 Resp: 2063

Ion Ratio Lower Upper

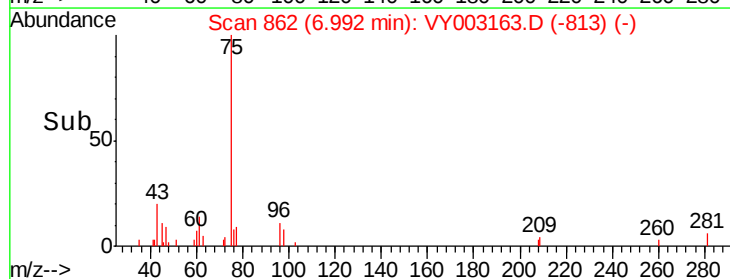
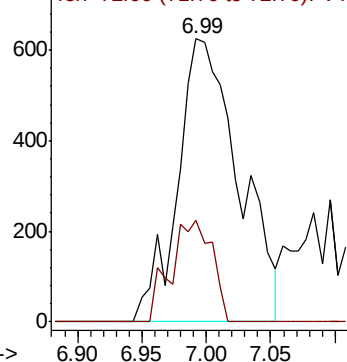
43 100

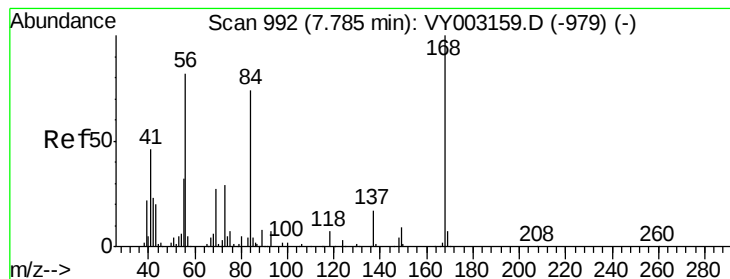
72 36.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





#31

Cyclohexane

Concen: 1.436 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003163.D

Acq: 10 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBL01

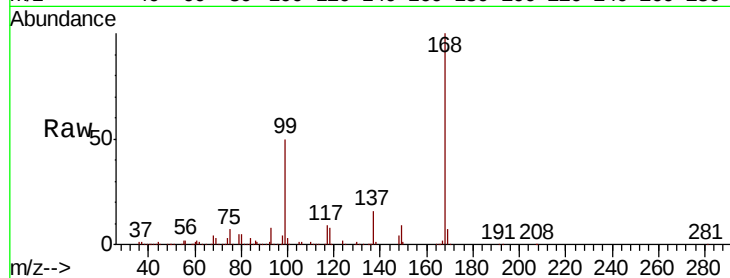
Tot Ion: 56 Resp: 10712

Ion Ratio Lower Upper

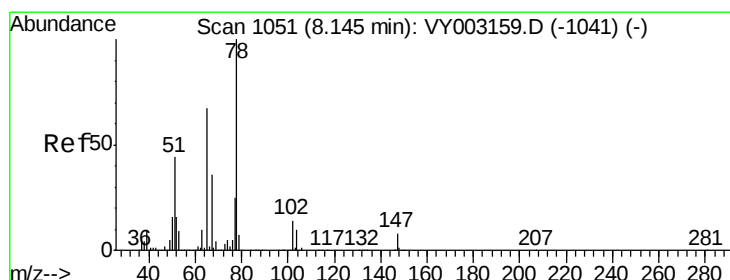
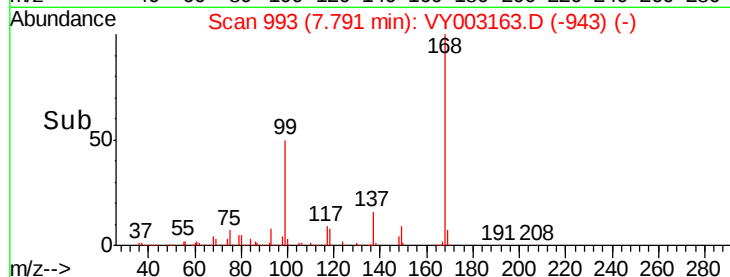
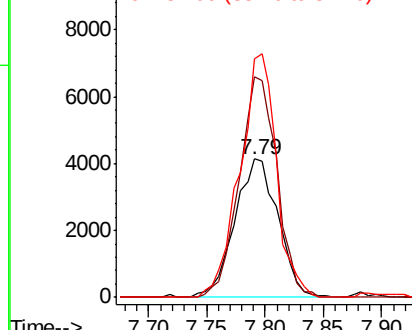
56 100

69 159.3 26.7 40.1#

84 172.2 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: 48.069 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003163.D

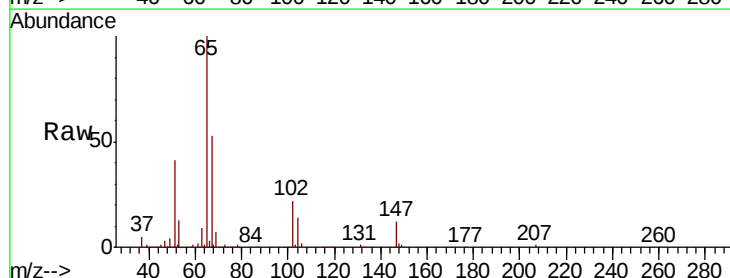
Acq: 10 Jul 2020 15:11

Tgt Ion: 65 Resp: 197173

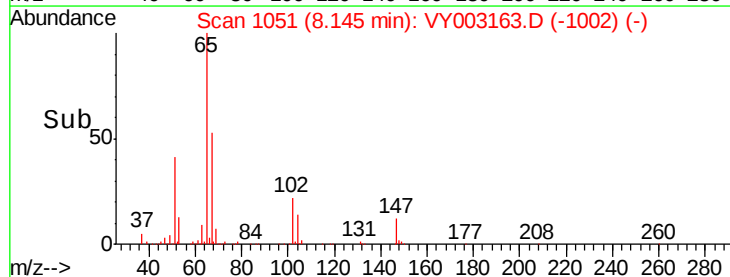
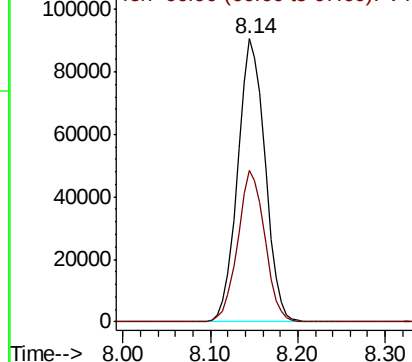
Ion Ratio Lower Upper

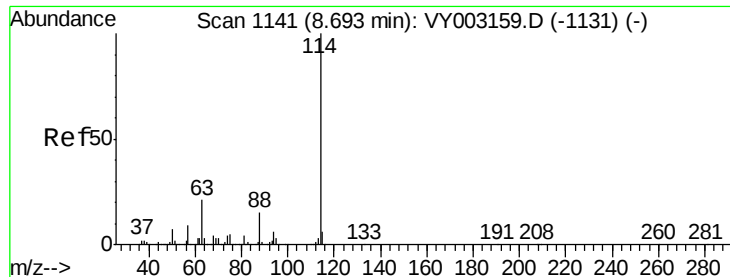
65 100

67 52.9 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: VY003163.D

Acq: 10 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBL01

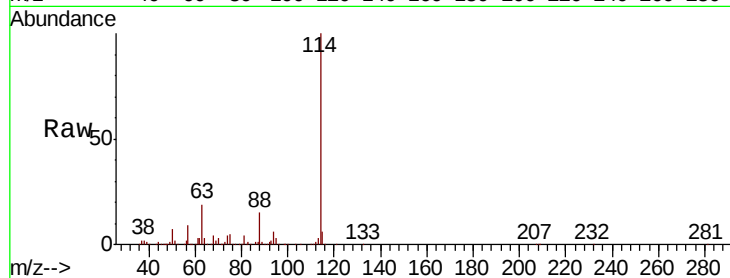
Tot Ion:114 Resp: 712939

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.2

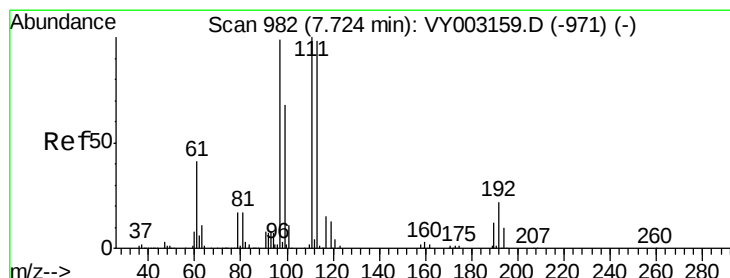
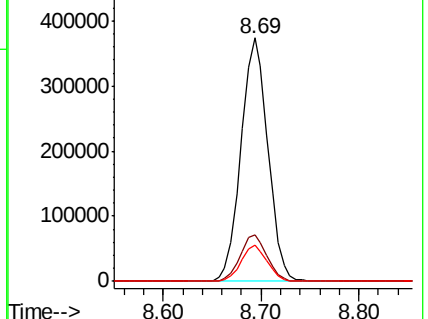
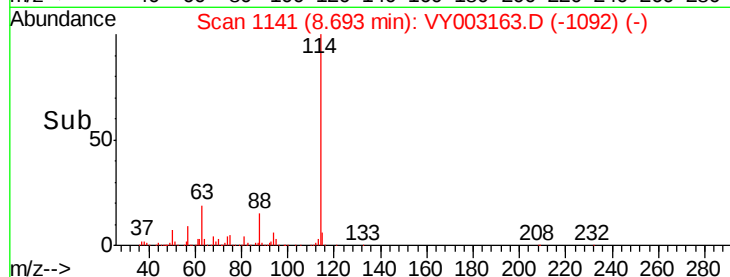
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 47.267 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003163.D

Acq: 10 Jul 2020 15:11

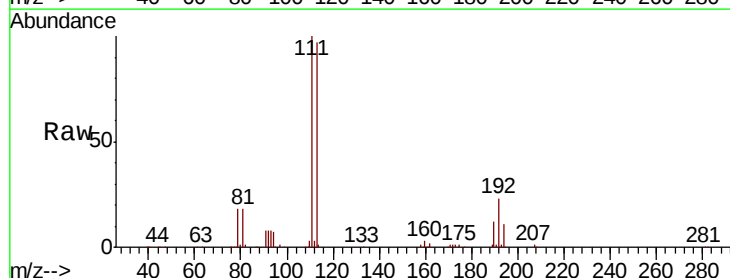
Tgt Ion:113 Resp: 193925

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

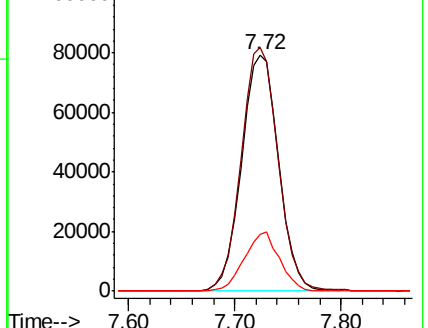
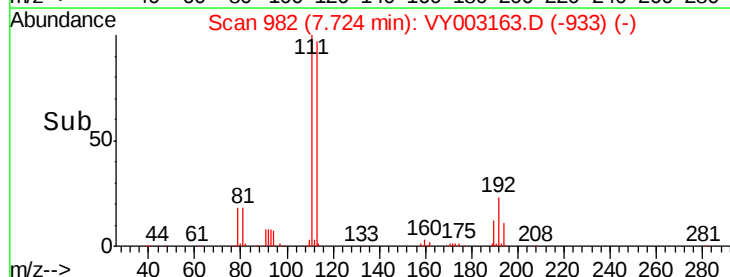
192 23.7 18.8 28.2

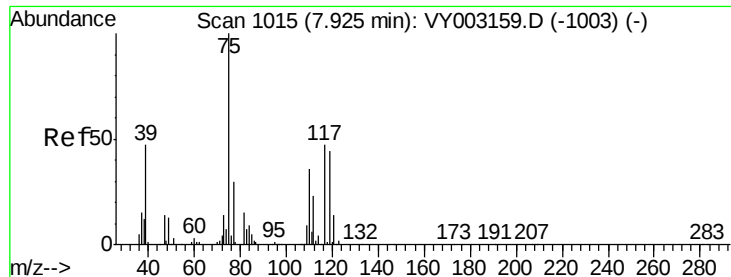


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

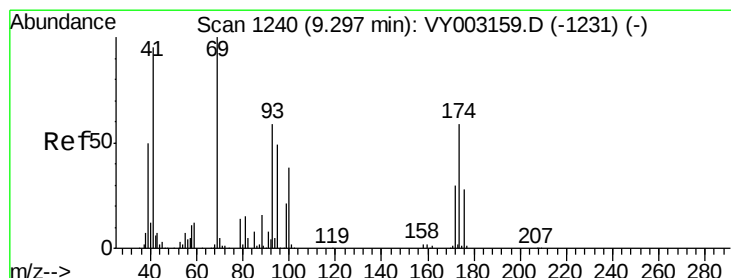
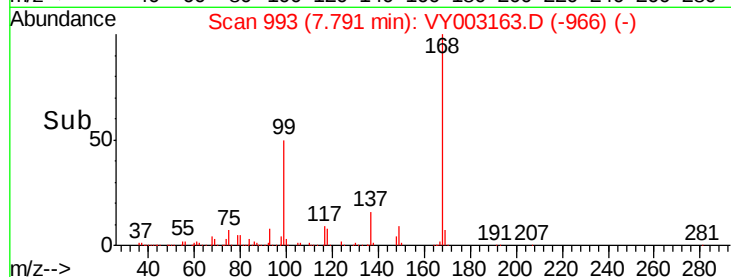
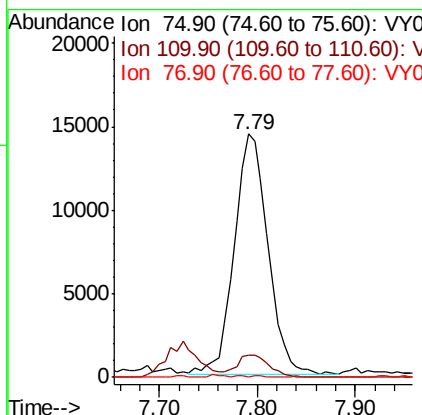
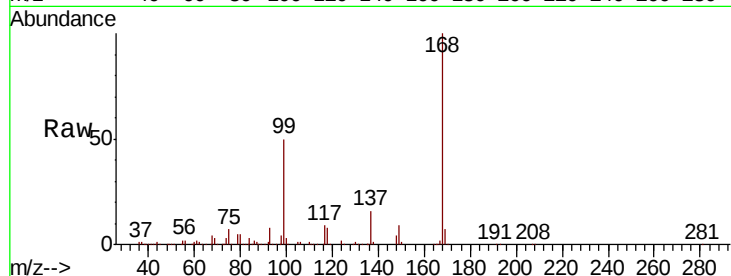




#36
 1,1-Dichloropropene
 Concen: 5.339 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003163.D
 Acq: 10 Jul 2020 15:11

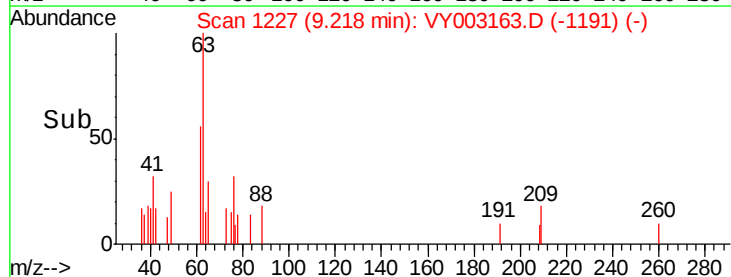
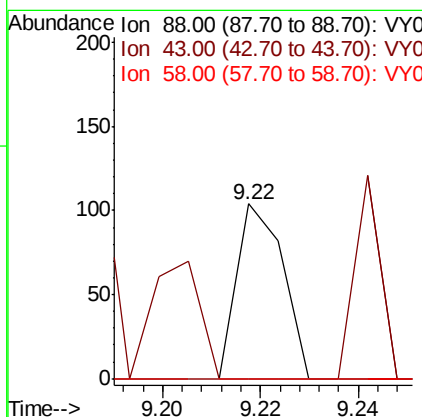
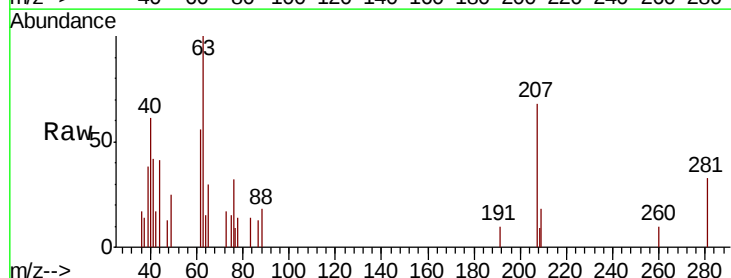
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBL01

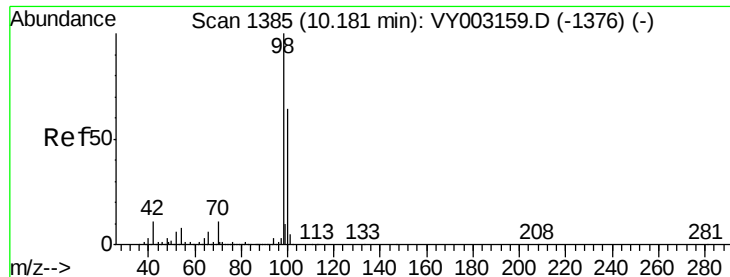
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.2	24.8	37.2#



#49
 1,4-Dioxane
 Concen: 1.993 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.08 min
 Lab File: VY003163.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.6	38.4#
58	0.0	47.8	71.6#





#50

Toluene-d8

Concen: 46.905 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003163.D

Acq: 10 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

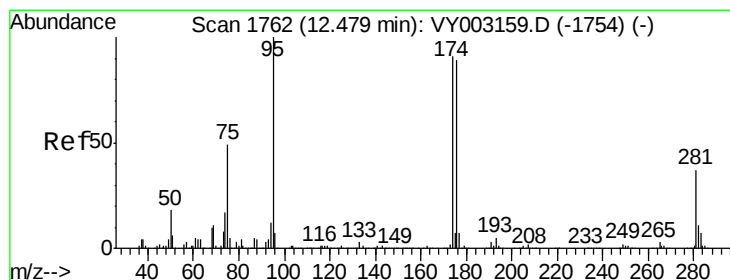
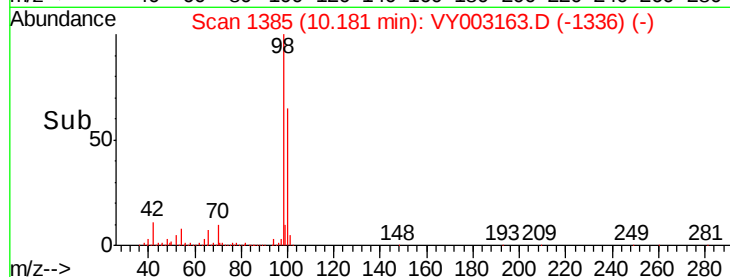
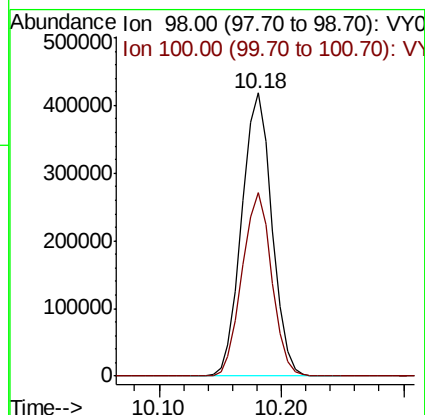
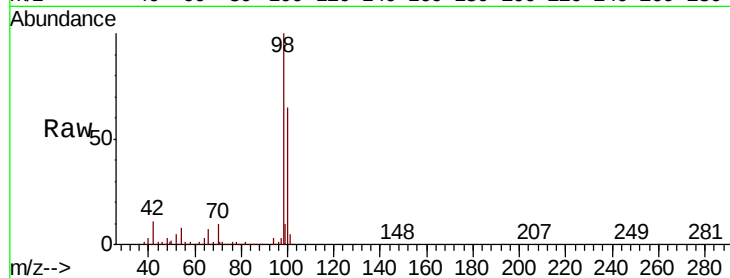
VY0710SBL01

Tot Ion: 98 Resp: 715461

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 45.731 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003163.D

Acq: 10 Jul 2020 15:11

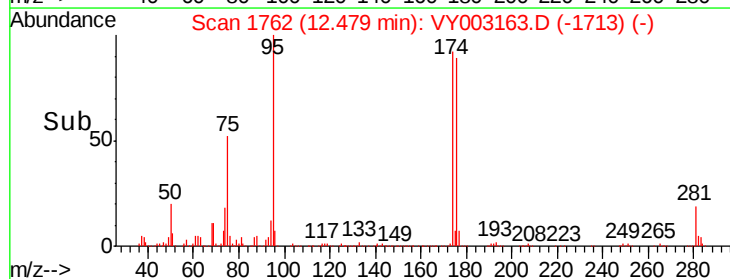
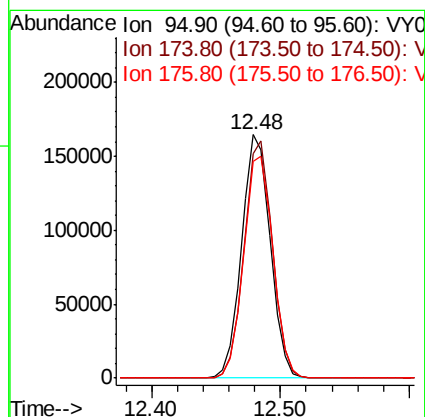
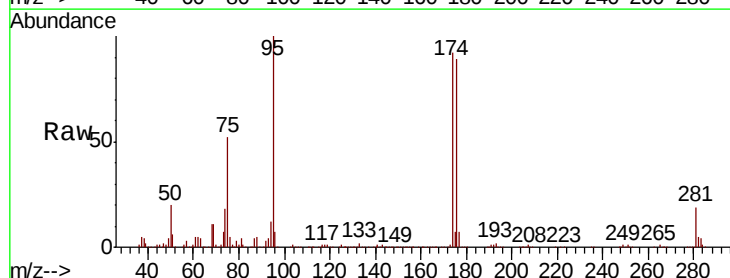
Tgt Ion: 95 Resp: 252001

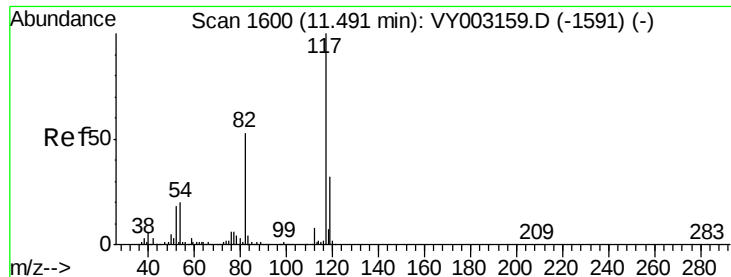
Ion Ratio Lower Upper

95 100

174 96.1 0.0 190.6

176 93.2 0.0 186.4

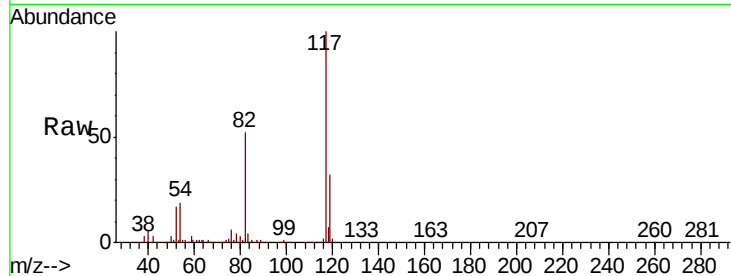




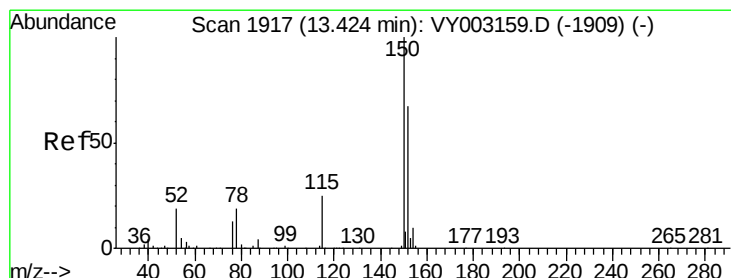
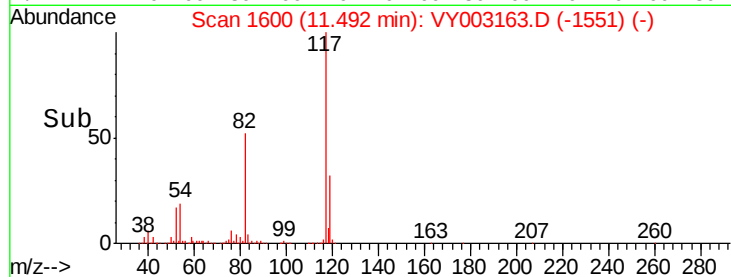
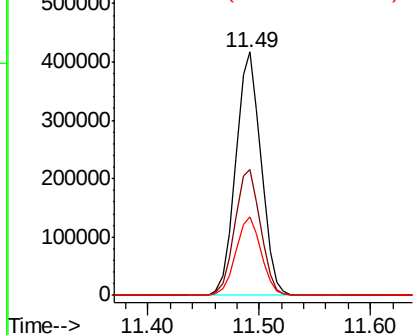
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003163.D
Acq: 10 Jul 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBL01

Tot Ion:117 Resp: 652979
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 32.0 25.5 38.3

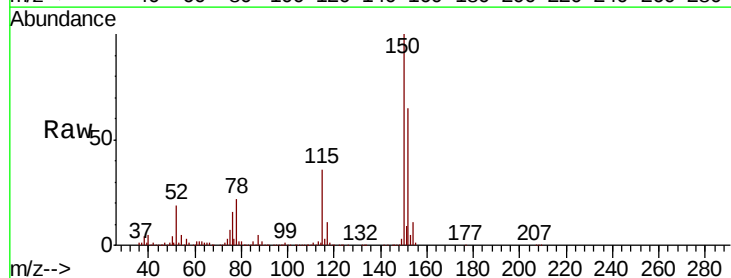


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

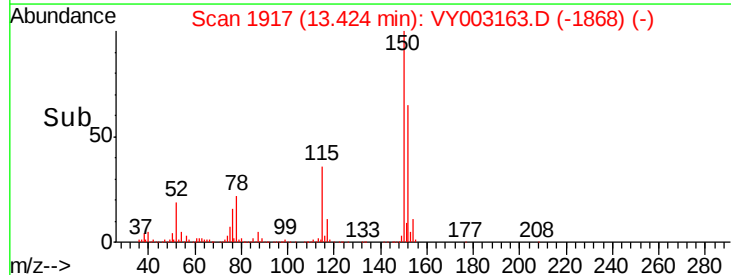
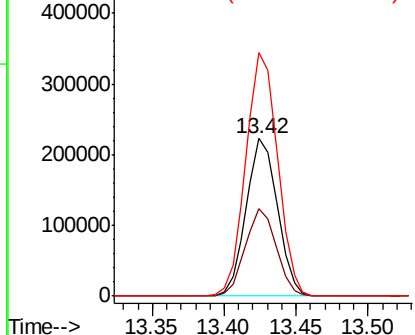


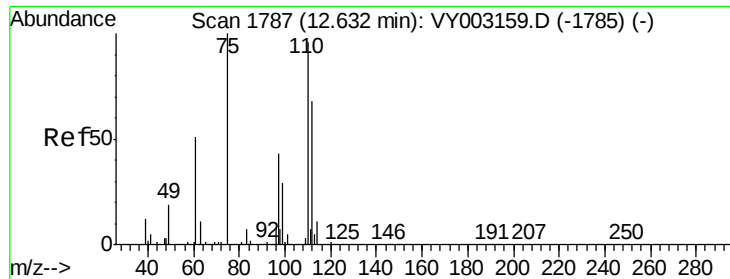
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003163.D
Acq: 10 Jul 2020 15:11

Tgt Ion:152 Resp: 334901
Ion Ratio Lower Upper
152 100
115 55.1 26.9 80.7
150 156.6 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

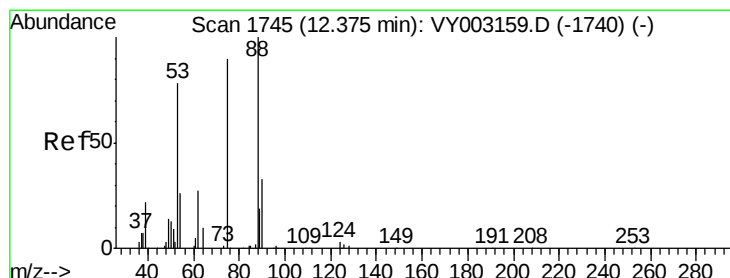
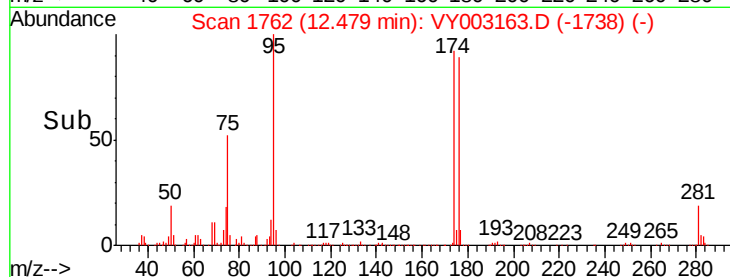
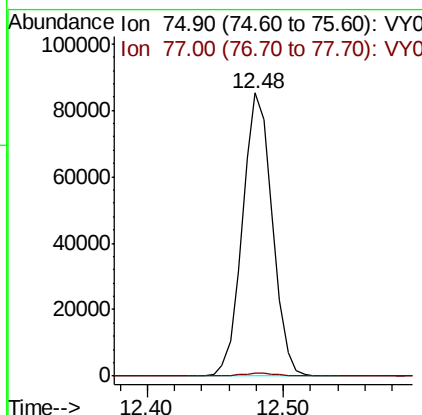
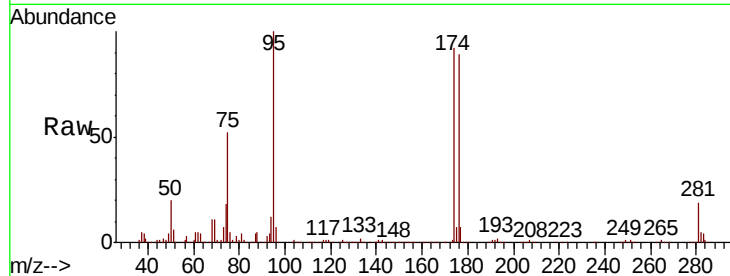




#76
 1,2,3-Trichloropropane
 Concen: 43.884 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003163.D
 Acq: 10 Jul 2020 15:11

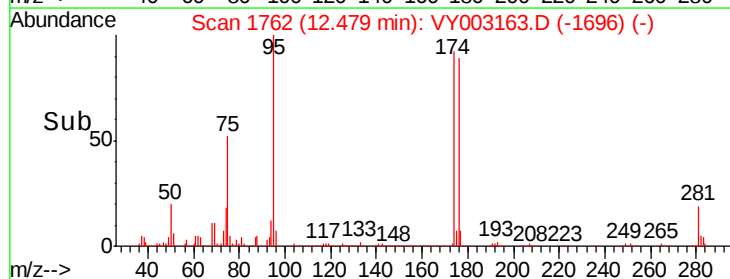
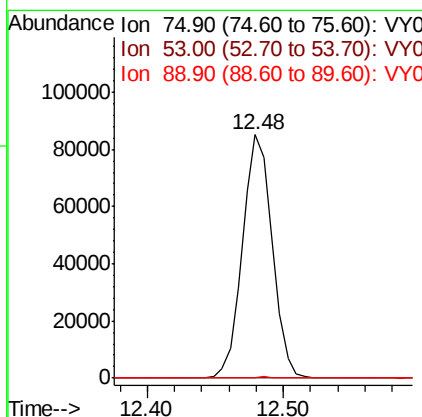
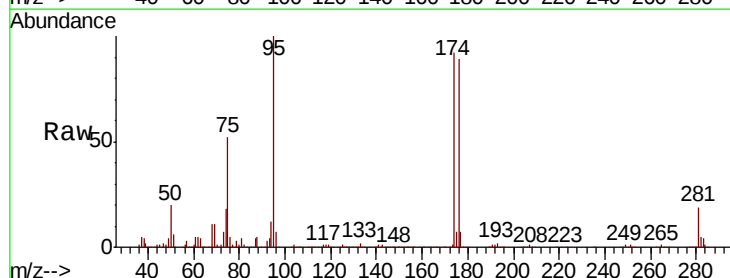
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBL01

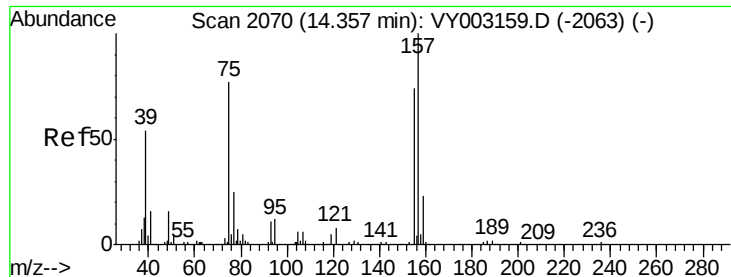
Tot Ion: 75 Resp: 130091
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.406 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003163.D
 Acq: 10 Jul 2020 15:11

Tgt Ion: 75 Resp: 130091
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.5 37.3 55.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.068 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.01 min

Lab File: VY003163.D

Acq: 10 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBL01

Tot Ion: 75 Resp: 714

Ion Ratio Lower Upper

75 100

155 56.9 48.1 144.3

157 56.3 61.9 185.6#

