

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003043.D
 Acq On : 30 Jun 2020 18:27
 Operator : SY/MD
 Sample : L3153-16RE
 Misc : 5.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:16:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	357013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	570865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	534144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	253330	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	195271	55.07	ug/l	0.00
Spiked Amount			Recovery	=	110.14%	
35) Dibromofluoromethane	7.72	113	190446	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
50) Toluene-d8	10.18	98	683104	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.48	95	236080	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	

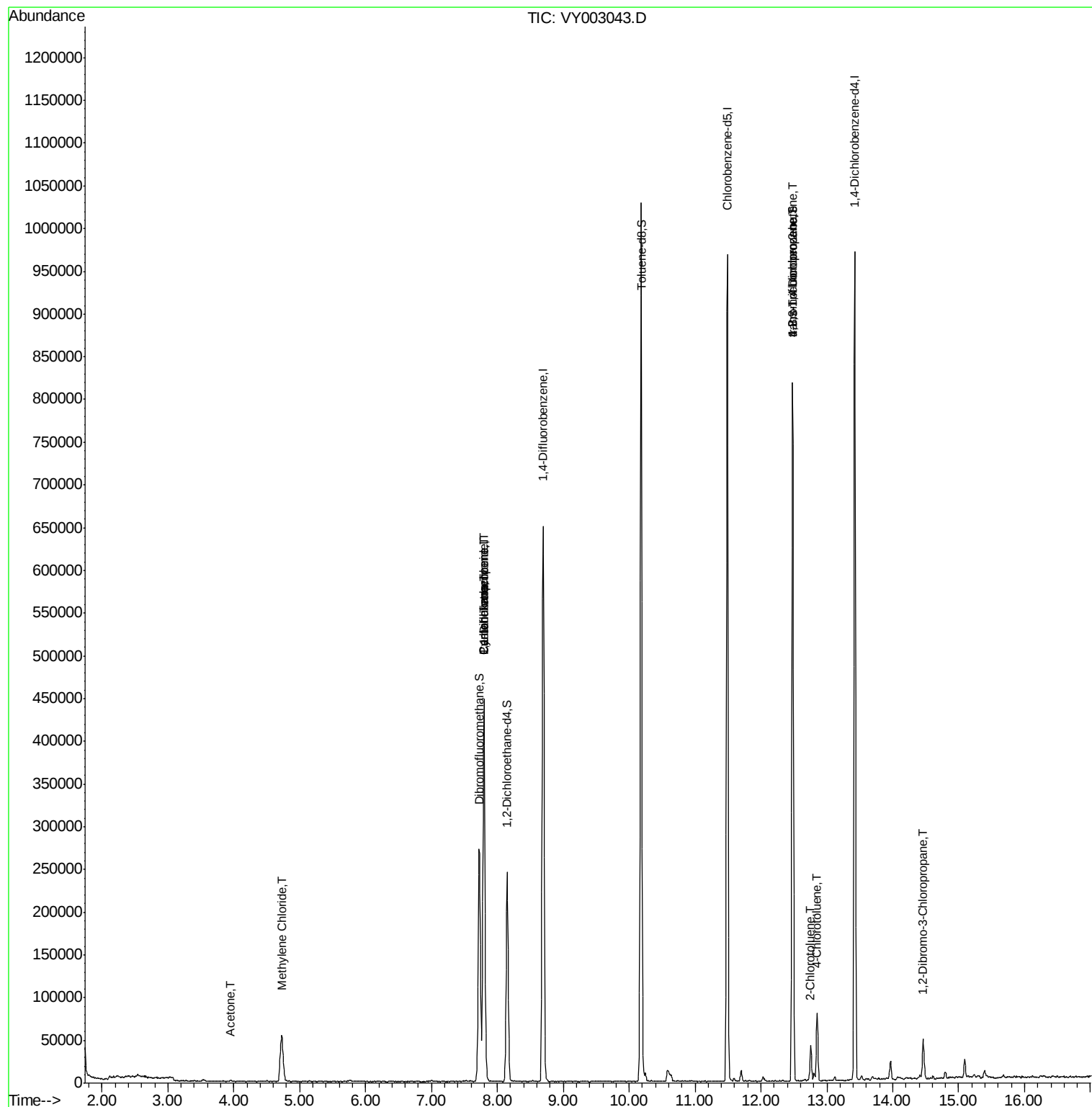
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	1382	1.653	ug/l #	85
20) Methylene Chloride	4.72	84	43201	5.352	ug/l	87
31) Cyclohexane	7.80	56	6382	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	23945	4.355	ug/l #	52
38) Carbon Tetrachloride	7.80	117	32091	5.609	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	120258	47.965	ug/l #	100
79) 2-Chlorotoluene	12.75	91	23054	2.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.48	75	120258	93.320	ug/l #	12
82) 4-Chlorotoluene	12.85	91	44222	3.816	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.46	75	920	1.553	ug/l #	1

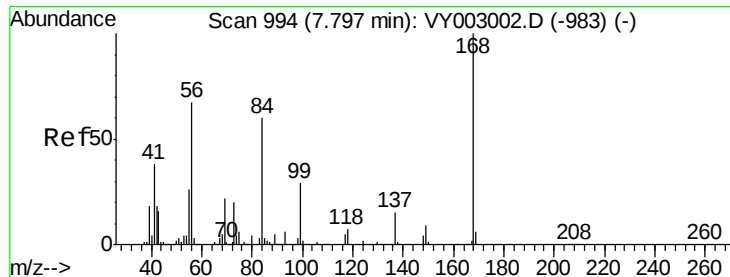
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003043.D
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ClientSampleId :

Quant Time: Jul 01 05:16:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 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: VY003043.D

Acq: 30 Jun 2020 18:27

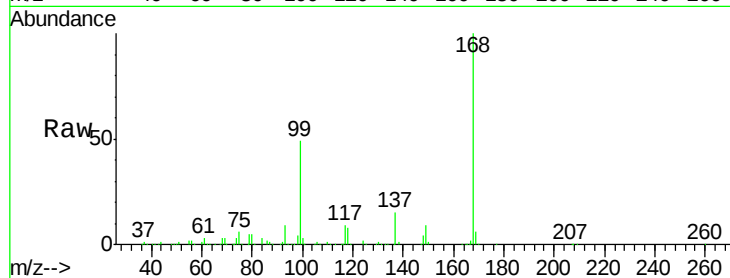
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 357013

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003043.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003043.D (-945) (-)

7.80

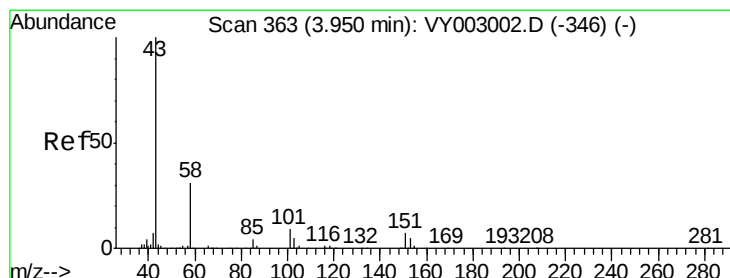
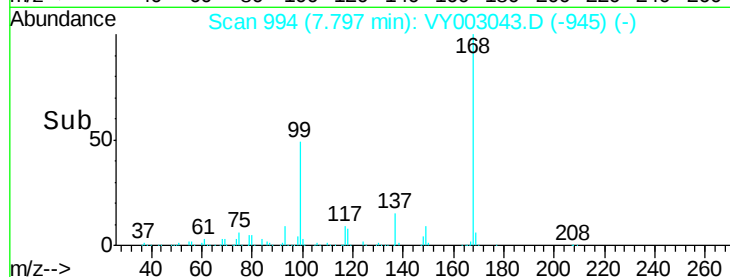
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.653 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003043.D

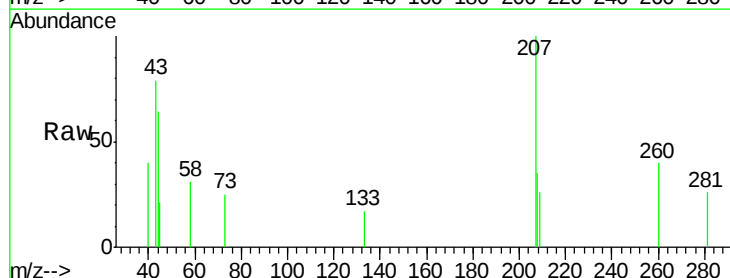
Acq: 30 Jun 2020 18:27

Tgt Ion: 43 Resp: 1382

Ion Ratio Lower Upper

43 100

58 39.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003043.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003043.D (-314) (-)

3.96

500

400

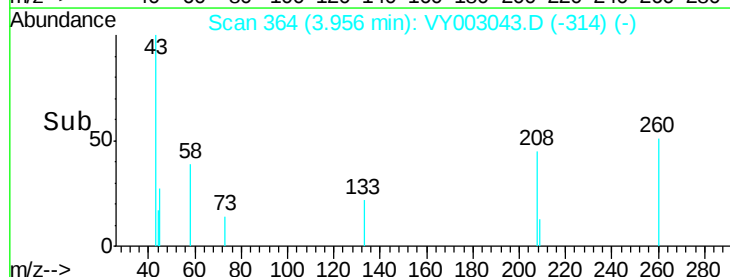
300

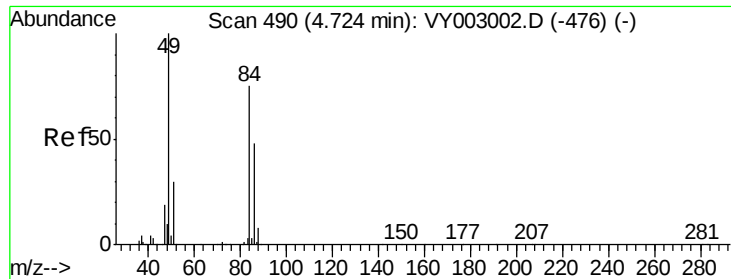
200

100

0

Time-->

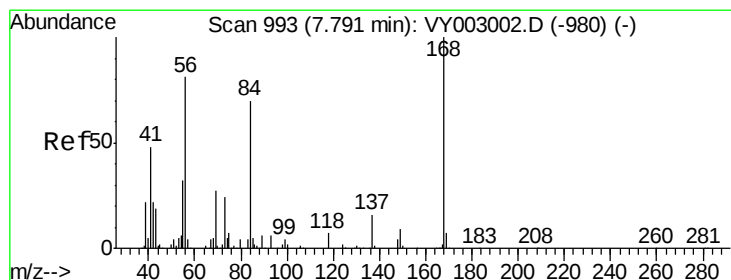
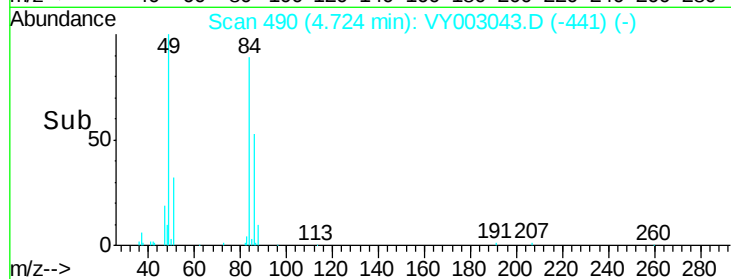
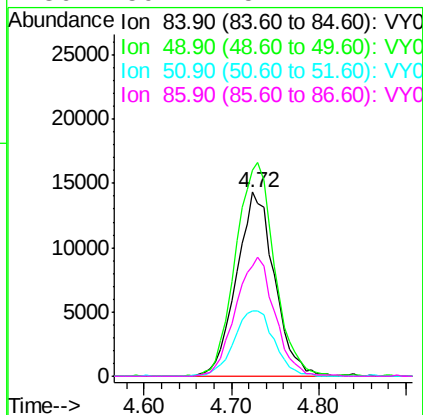
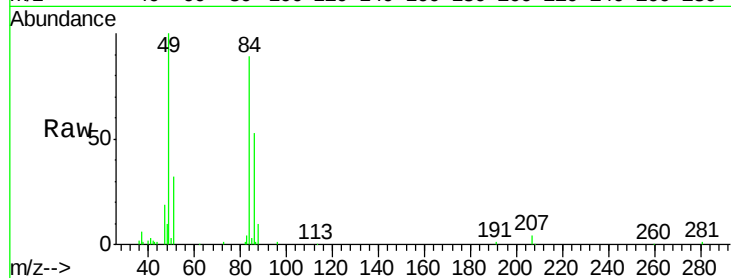




#20
Methvlene Chloride
Concen: 5.352 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003043.D
Acq: 30 Jun 2020 18:27

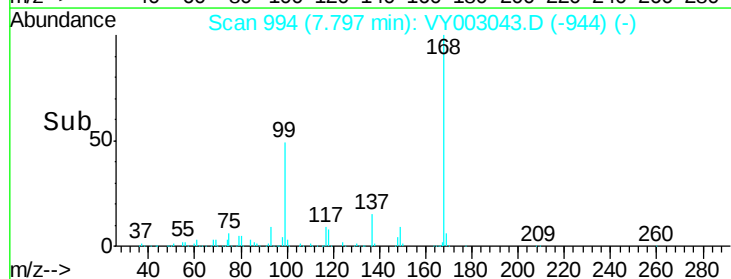
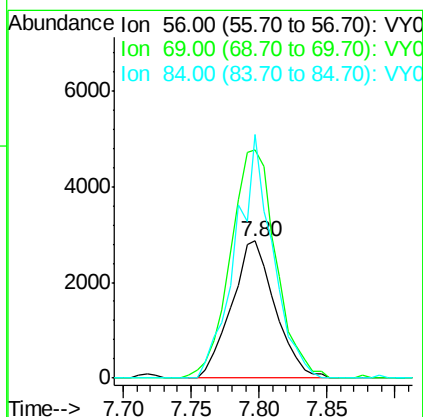
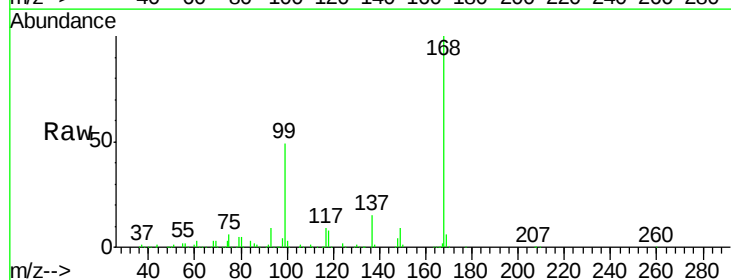
Instrument :
MSVOA_Y
ClientSampleId :

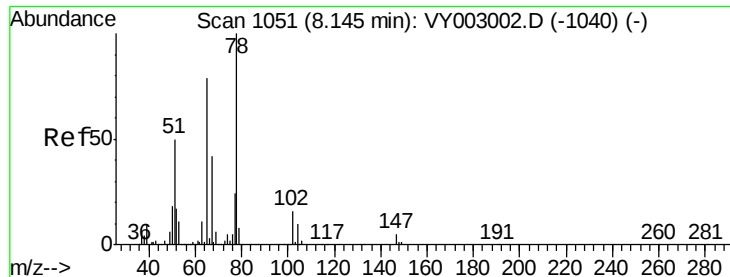
Tot Ion:	84	Resp:	43201
Ion	Ratio	Lower	Upper
84	100		
49	111.3	106.8	160.2
51	35.2	32.0	48.0
86	59.7	51.4	77.2



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003043.D
Acq: 30 Jun 2020 18:27

Tgt Ion:	56	Resp:	6382
Ion	Ratio	Lower	Upper
56	100		
69	166.8	27.0	40.4#
84	178.0	68.1	102.1#

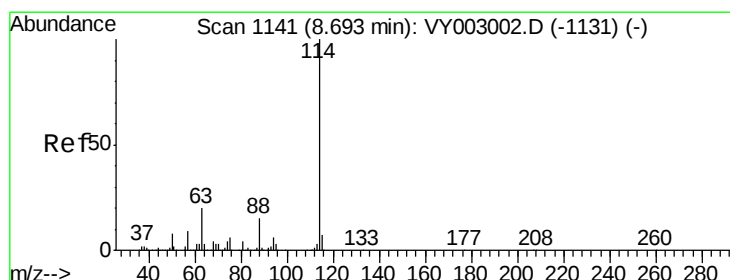
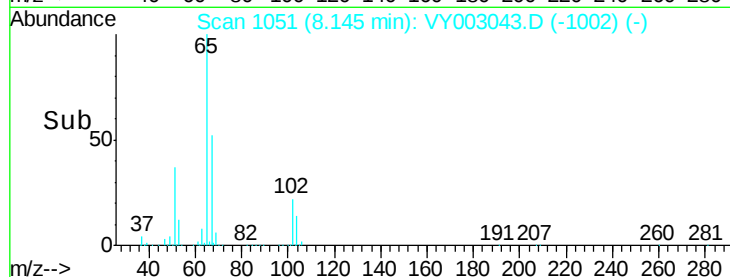
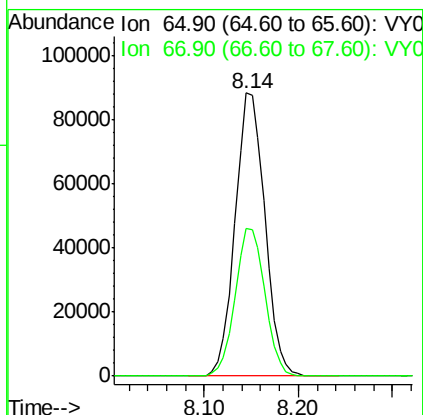
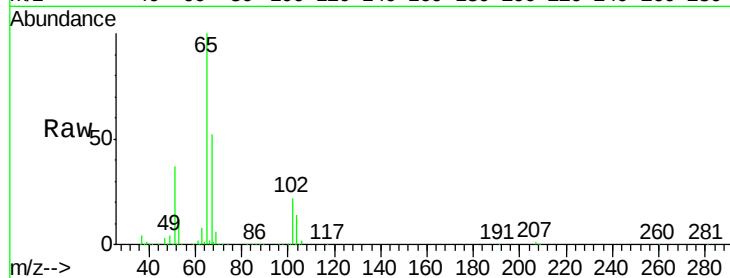




#33
 1,2-Dichloroethane-d4
 Concen: 55.070 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003043.D
 Acq: 30 Jun 2020 18:27

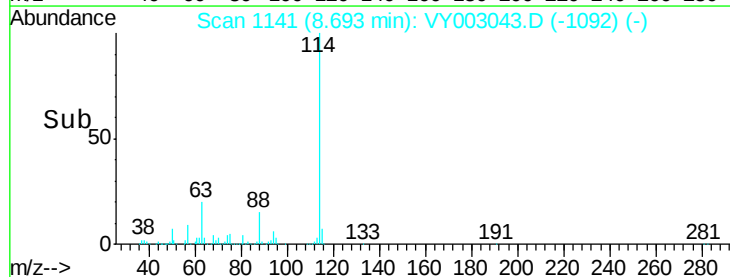
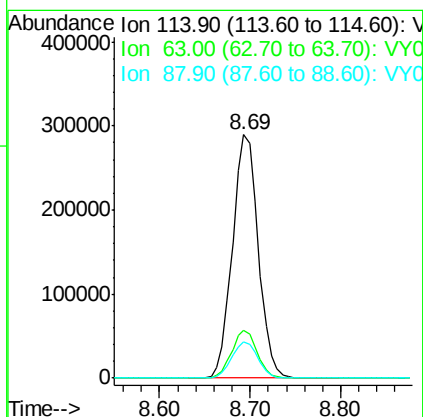
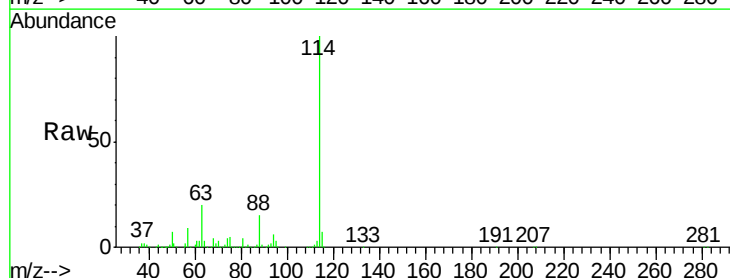
Instrument :
 MSVOA_Y
 ClientSampleId :

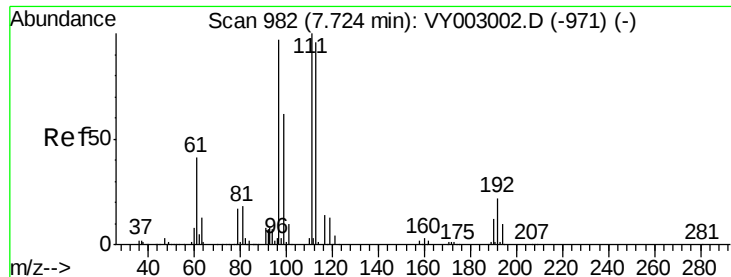
Tot Ion: 65 Resp: 195271
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003043.D
 Acq: 30 Jun 2020 18:27

Tgt Ion: 114 Resp: 570865
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 14.9 0.0 30.0

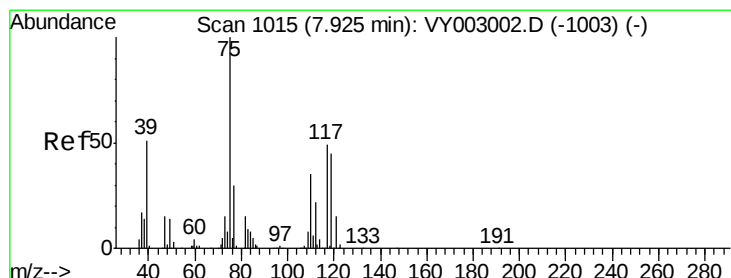
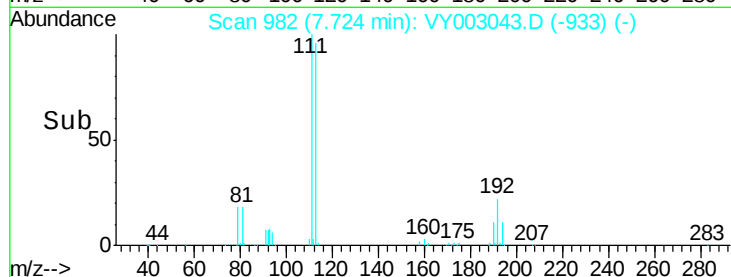
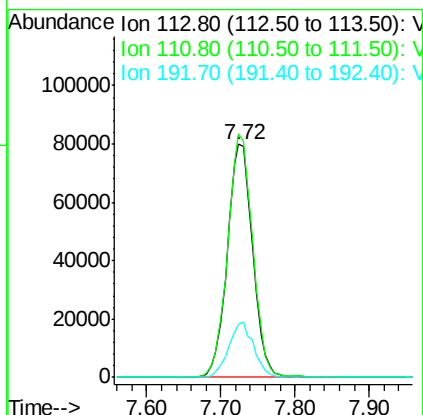
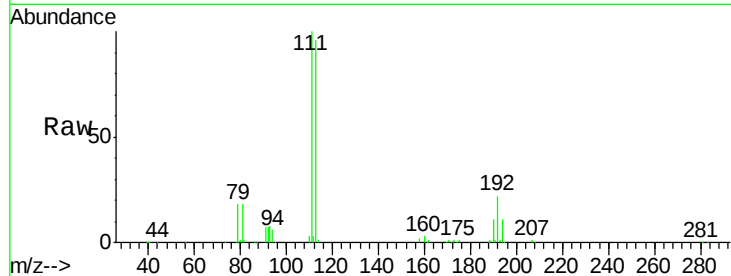




#35
 Dibromofluoromethane
 Concen: 53.479 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003043.D
 Acq: 30 Jun 2020 18:27

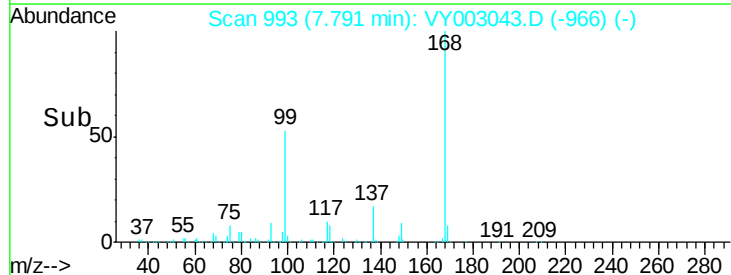
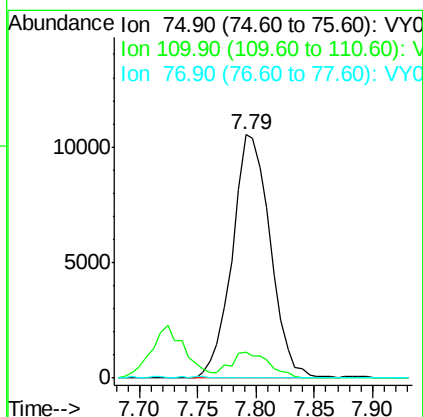
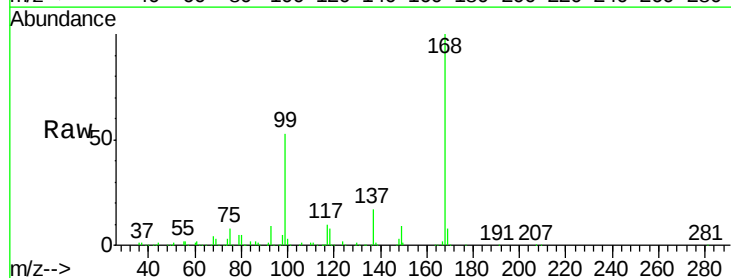
Instrument :
 MSVOA_Y
 ClientSampleId :

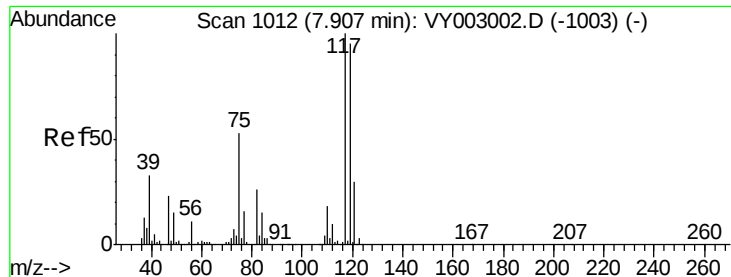
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	23.2	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.355 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003043.D
 Acq: 30 Jun 2020 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.1	51.2#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.609 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003043.D

Acq: 30 Jun 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

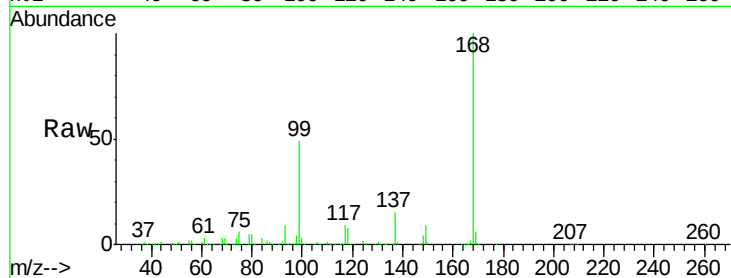
Tot Ion:117 Resp: 32091

Ion Ratio Lower Upper

117 100

119 3.6 75.7 113.5#

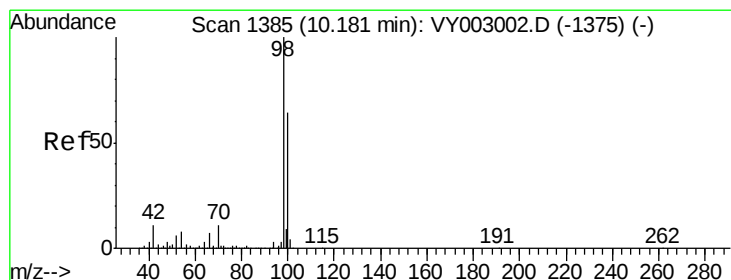
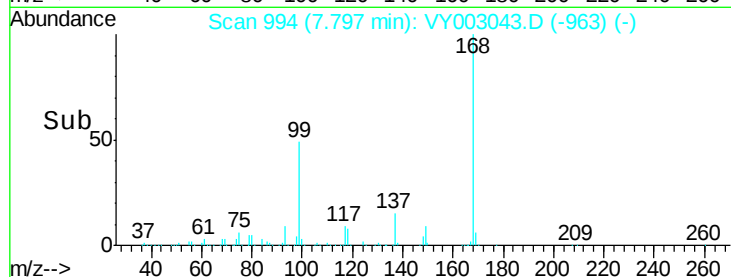
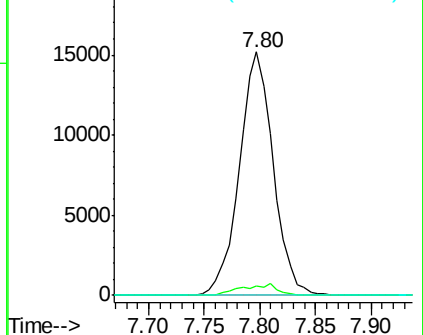
121 0.0 23.9 35.9#



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: 51.489 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003043.D

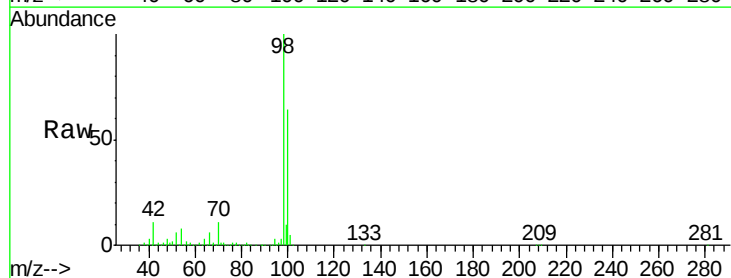
Acq: 30 Jun 2020 18:27

Tgt Ion: 98 Resp: 683104

Ion Ratio Lower Upper

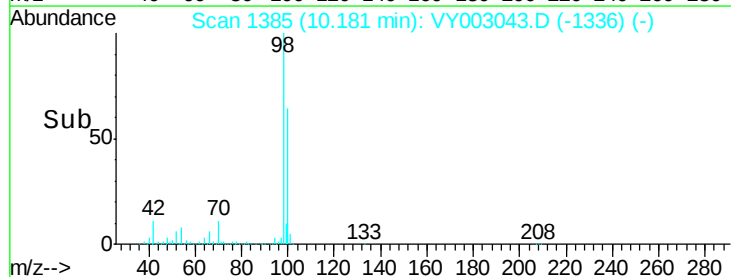
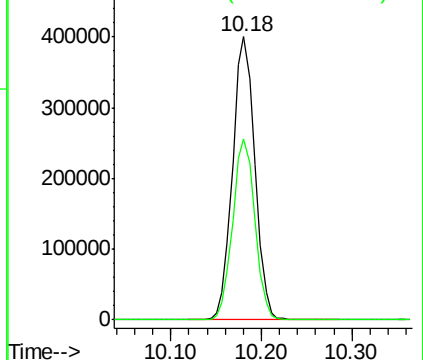
98 100

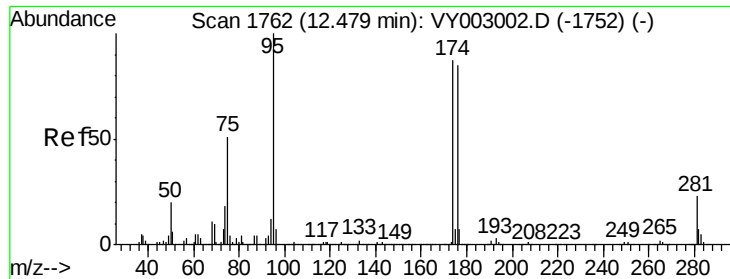
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 50.553 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003043.D

Acq: 30 Jun 2020 18:27

Instrument :

MSVOA_Y

ClientSampleId :

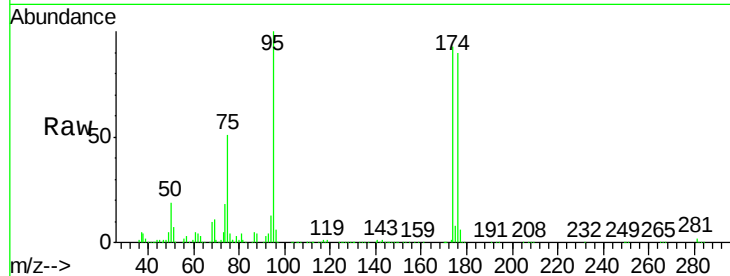
Tot Ion: 95 Resp: 236080

Ion Ratio Lower Upper

95 100

174 94.9 0.0 184.8

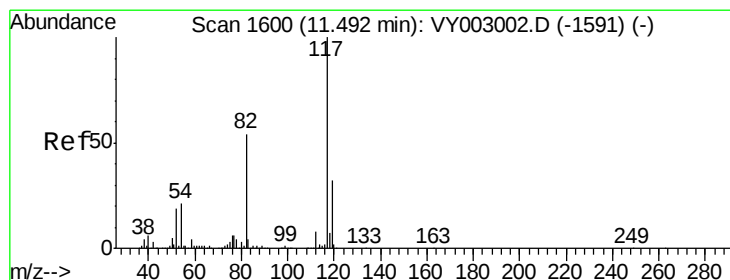
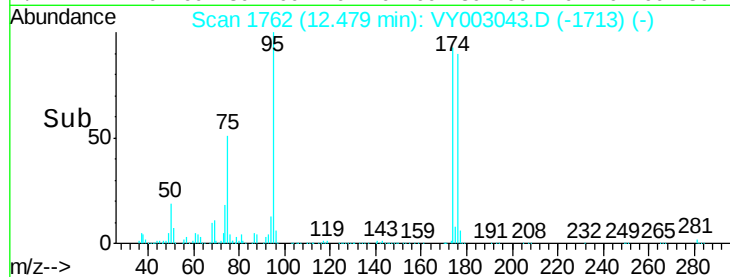
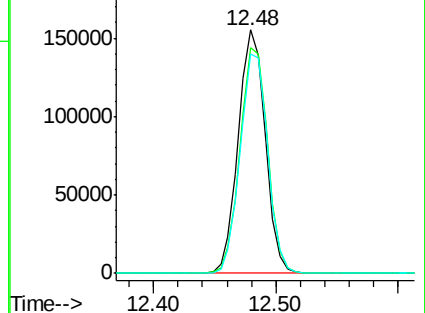
176 92.1 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003043.D

Acq: 30 Jun 2020 18:27

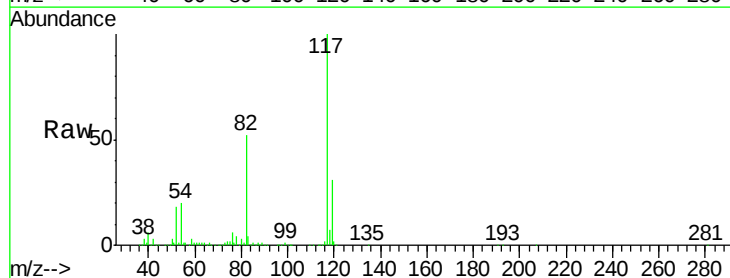
Tgt Ion: 117 Resp: 534144

Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.6

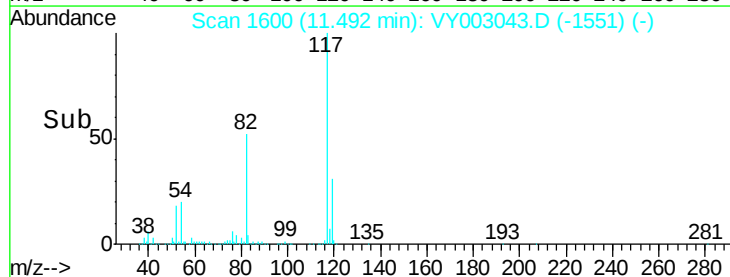
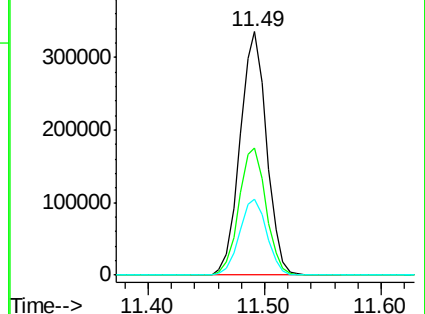
119 31.4 25.8 38.8

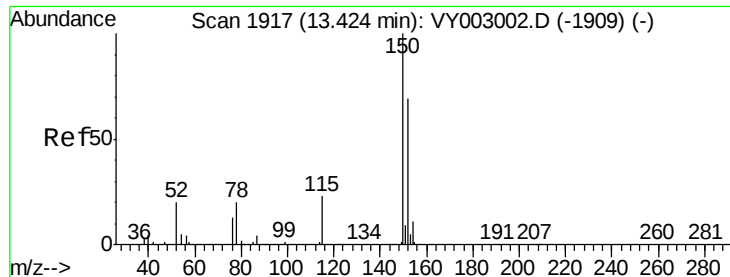


Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)



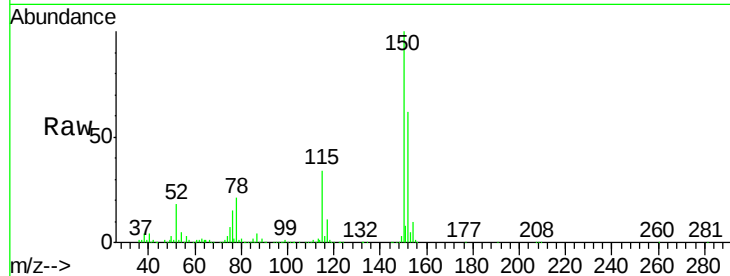


#72

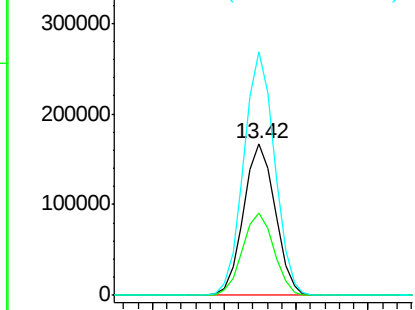
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003043.D
Acq: 30 Jun 2020 18:27

Instrument :
MSVOA_Y
ClientSampleId :

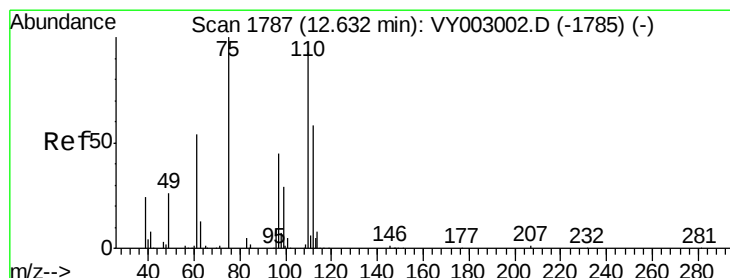
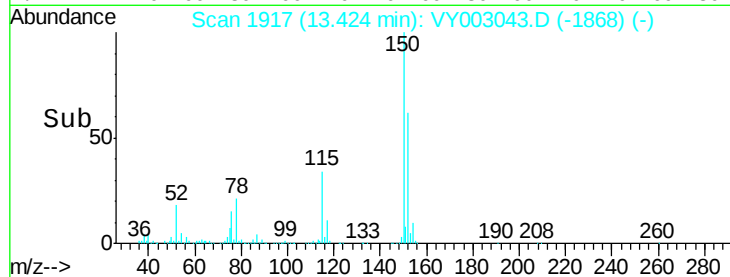
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.3	81.9
150	157.2	0.0	343.4



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



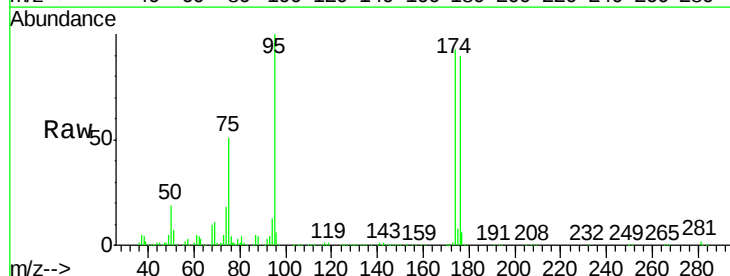
Time-->



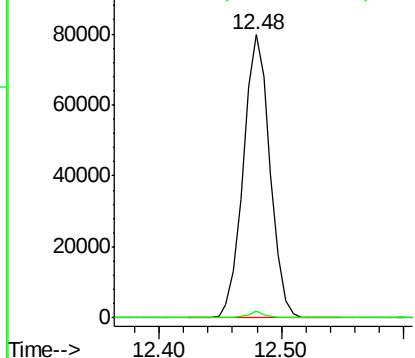
#76

1,2,3-Trichloropropane
Concen: 47.965 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003043.D
Acq: 30 Jun 2020 18:27

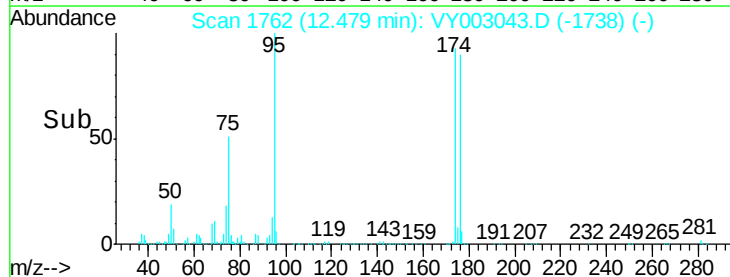
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0

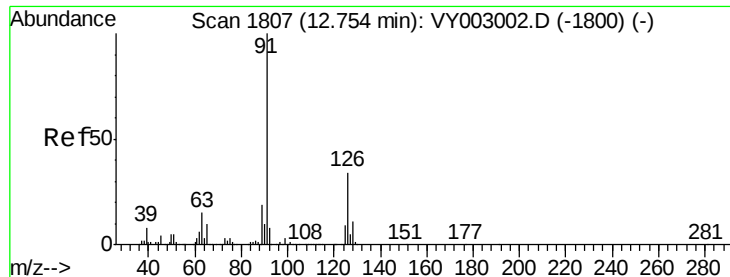


Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0



Time-->





#79

2-Chlorotoluene

Concen: 2.071 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003043.D

Acq: 30 Jun 2020 18:27

Instrument :

MSVOA_Y

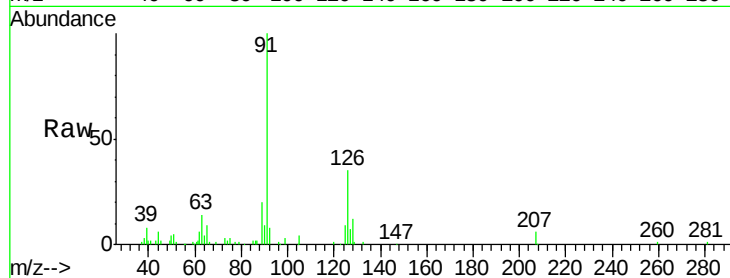
ClientSampleId :

Tot Ion: 91 Resp: 23054

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

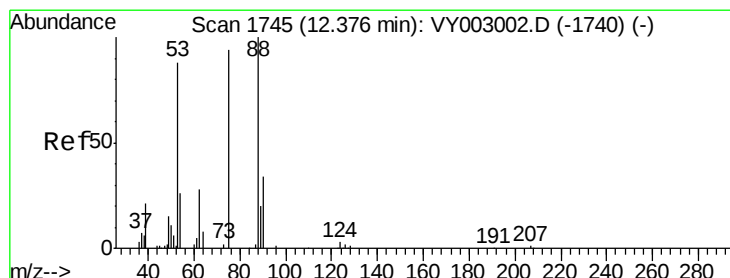
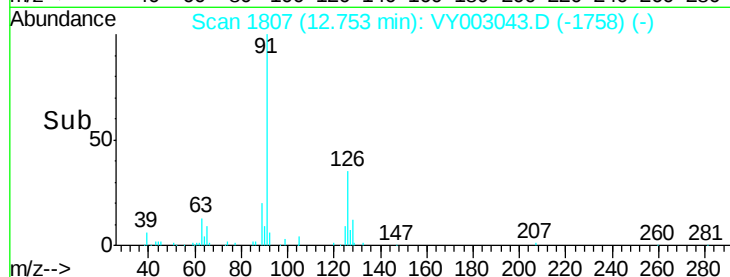
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 93.320 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003043.D

Acq: 30 Jun 2020 18:27

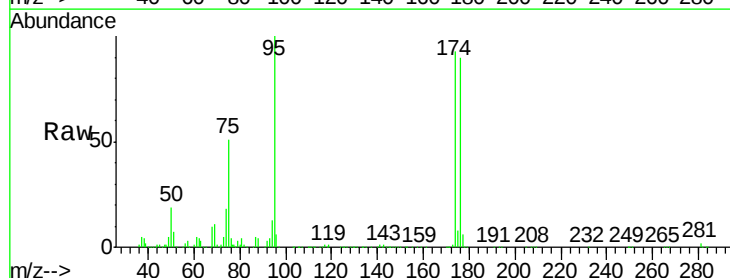
Tgt Ion: 75 Resp: 120258

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 37.5 56.3#



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

100000

80000

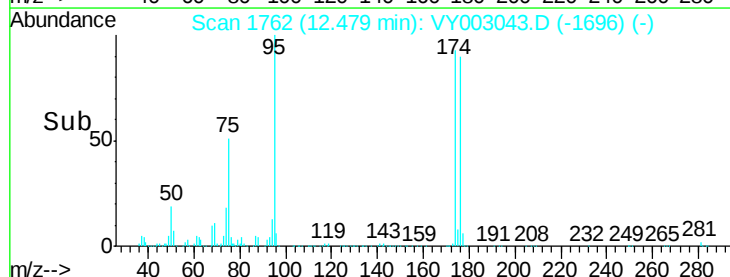
60000

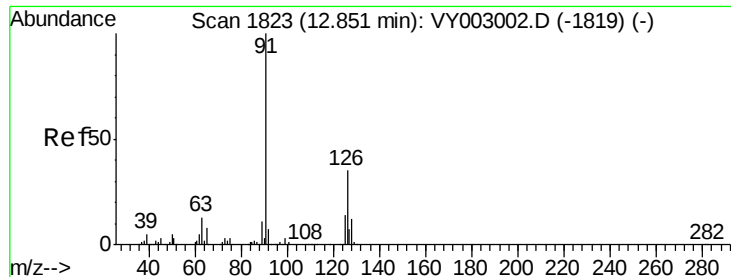
40000

20000

0

Time-->





#82

4-Chlorotoluene

Concen: 3.816 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003043.D

Acq: 30 Jun 2020 18:27

Instrument :

MSVOA_Y

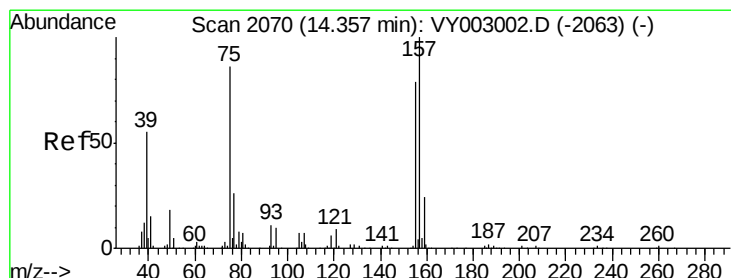
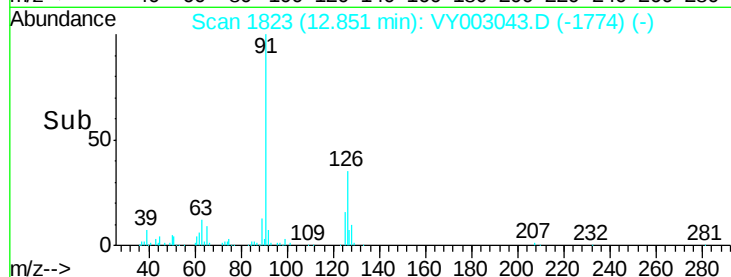
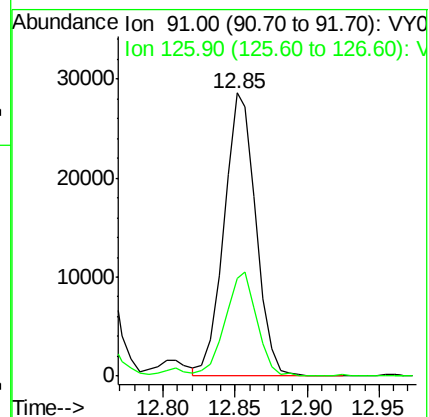
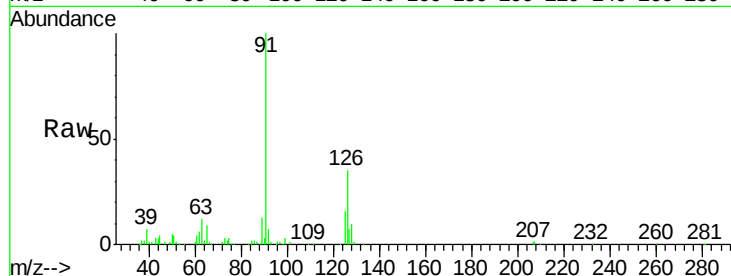
ClientSampleId :

Tot Ion: 91 Resp: 44222

Ion Ratio Lower Upper

91 100

126 36.7 17.4 52.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.553 ug/l

RT: 14.46 min Scan# 2087

Delta R.T. 0.10 min

Lab File: VY003043.D

Acq: 30 Jun 2020 18:27

Tgt Ion: 75 Resp: 920

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.3#

157 0.0 59.2 177.5#

