

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003045.D
 Acq On : 30 Jun 2020 19:14
 Operator : SY/MD
 Sample : L3153-22RE
 Misc : 5.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 05:17:35 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	346804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	553781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	505891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	240201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	191452	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
35) Dibromofluoromethane	7.73	113	182864	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.18	98	657252	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.48	95	221045	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

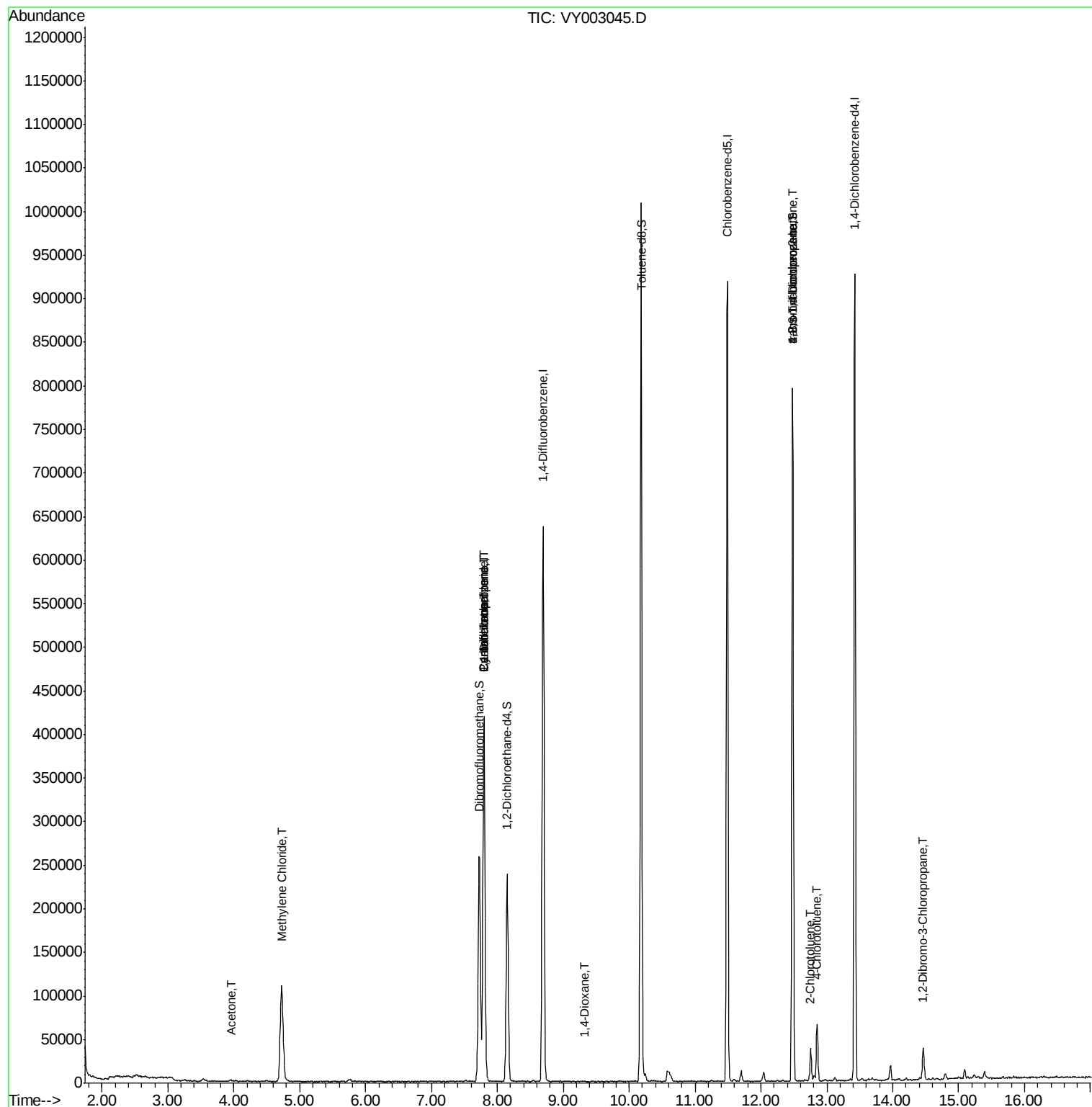
						Qvalue
16) Acetone	3.96	43	2907	3.578	ug/l #	79
20) Methylene Chloride	4.72	84	87901	20.076	ug/l	84
31) Cyclohexane	7.80	56	6393	1.055	ug/l #	7
36) 1,1-Dichloropropene	7.80	75	23132	4.337	ug/l #	51
38) Carbon Tetrachloride	7.80	117	30019	5.409	ug/l #	16
49) 1,4-Dioxane	9.32	88	28	1.045	ug/l #	23
76) 1,2,3-Trichloropropane	12.48	75	114230	48.051	ug/l #	100
79) 2-Chlorotoluene	12.75	91	19581	1.856	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.48	75	114230	93.488	ug/l #	12
82) 4-Chlorotoluene	12.86	91	35975	3.274	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.45	75	1070	1.905	ug/l #	1

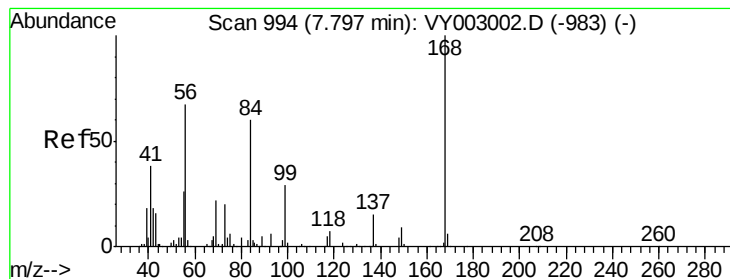
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
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Quant Time: Jul 01 05:17:35 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: VY003045.D

Acq: 30 Jun 2020 19:14

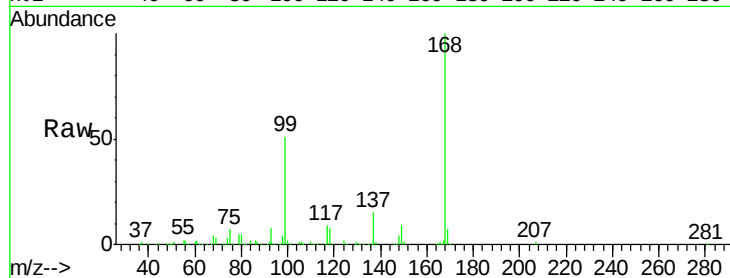
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 346804

Ion Ratio Lower Upper

168 100

99 50.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

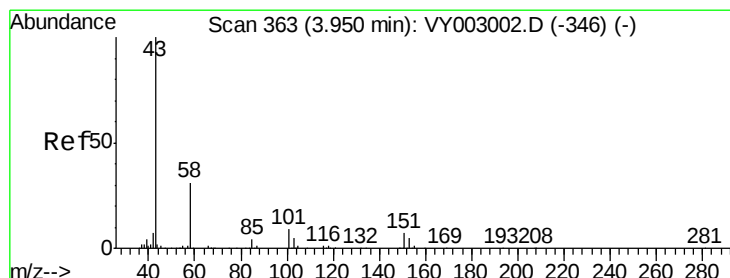
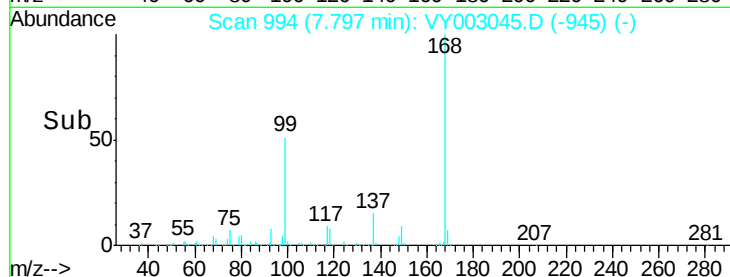
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.578 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003045.D

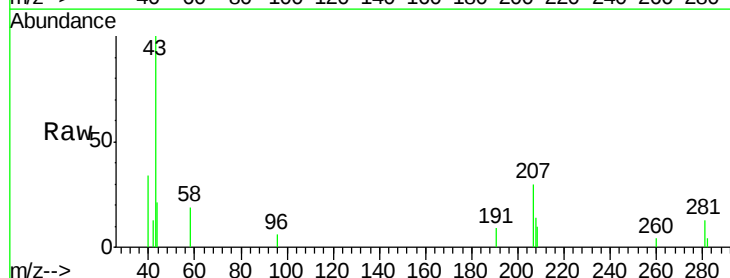
Acq: 30 Jun 2020 19:14

Tgt Ion: 43 Resp: 2907

Ion Ratio Lower Upper

43 100

58 19.2 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

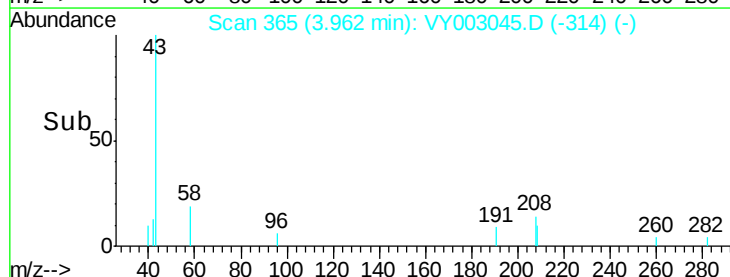
3.96

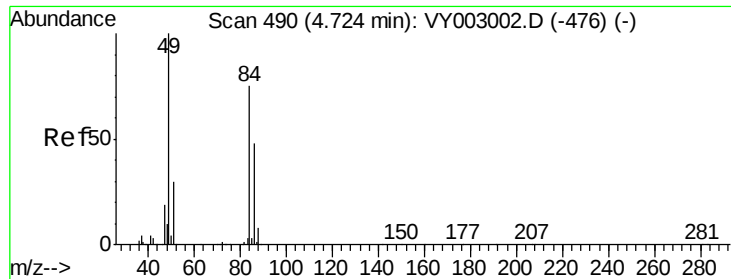
1000

500

0

Time-->

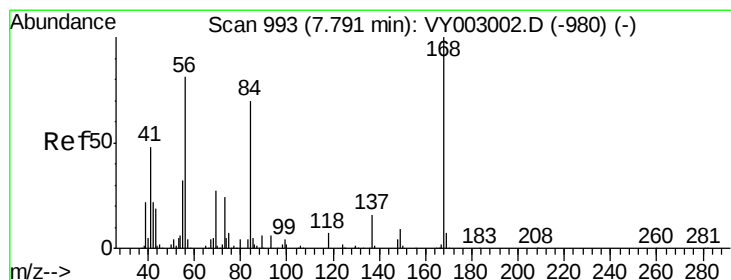
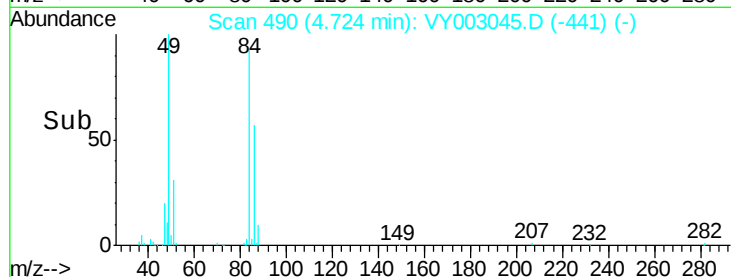
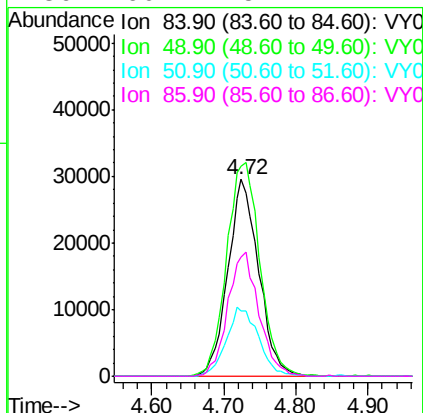
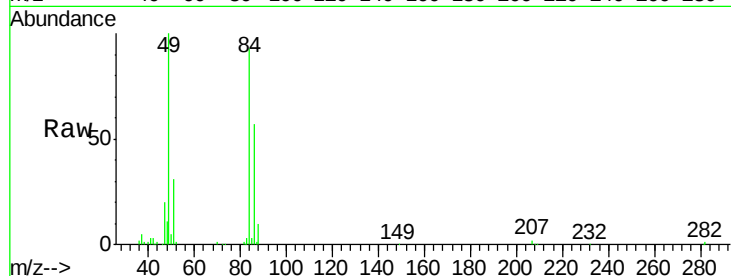




#20
Methvlene Chloride
Concen: 20.076 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003045.D
Acq: 30 Jun 2020 19:14

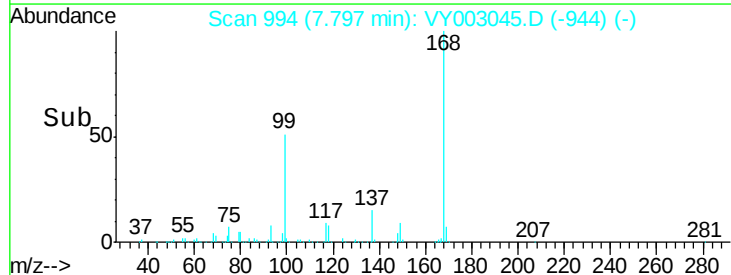
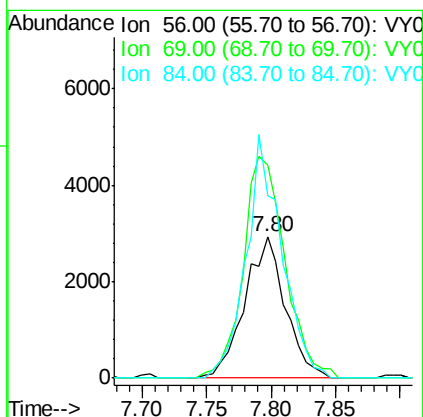
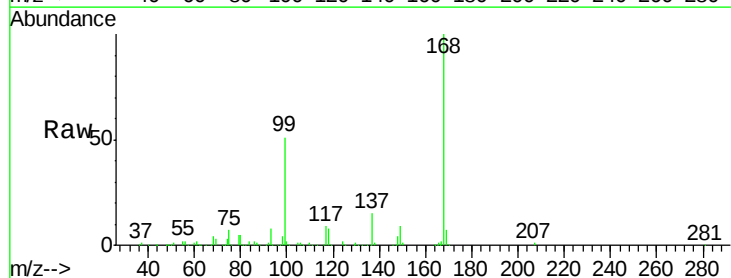
Instrument :
MSVOA_Y
ClientSampleId :

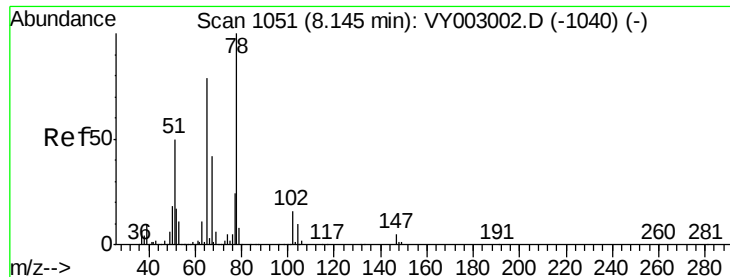
Tot Ion:	84	Resp:	87901
Ion	Ratio	Lower	Upper
84	100		
49	107.1	106.8	160.2
51	33.5	32.0	48.0
86	60.7	51.4	77.2



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003045.D
Acq: 30 Jun 2020 19:14

Tgt Ion:	56	Resp:	6393
Ion	Ratio	Lower	Upper
56	100		
69	150.9	27.0	40.4#
84	129.1	68.1	102.1#

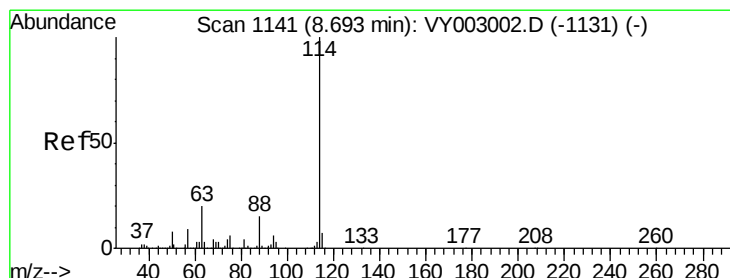
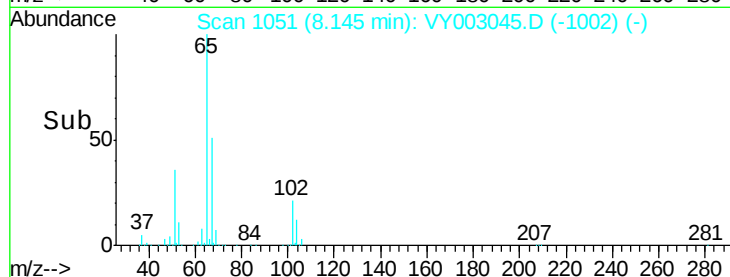
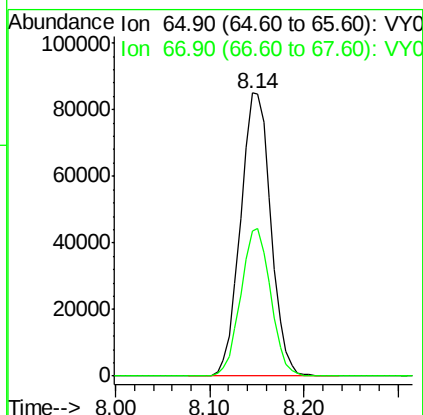
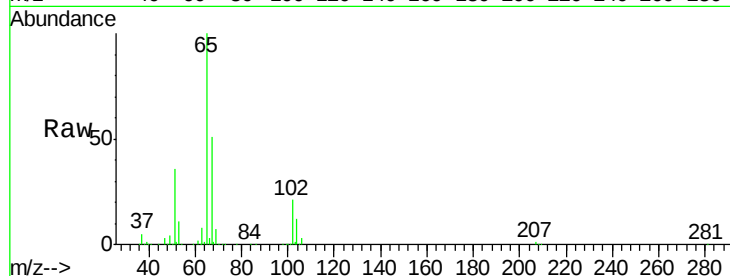




#33
 1,2-Dichloroethane-d4
 Concen: 55.583 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003045.D
 Acq: 30 Jun 2020 19:14

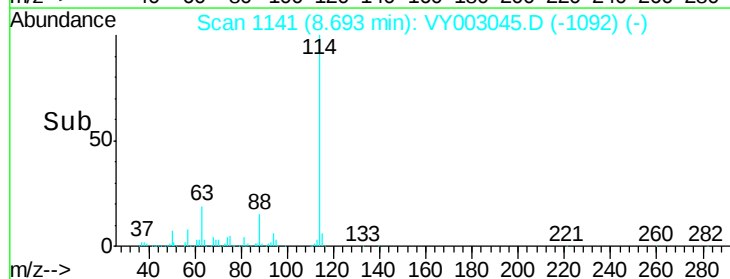
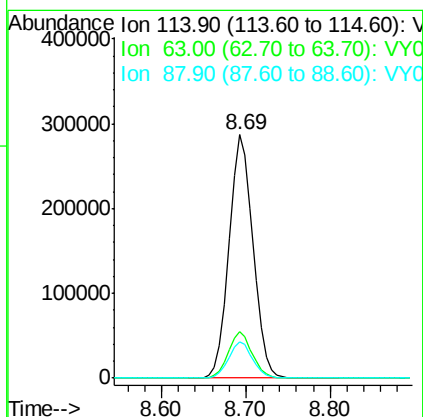
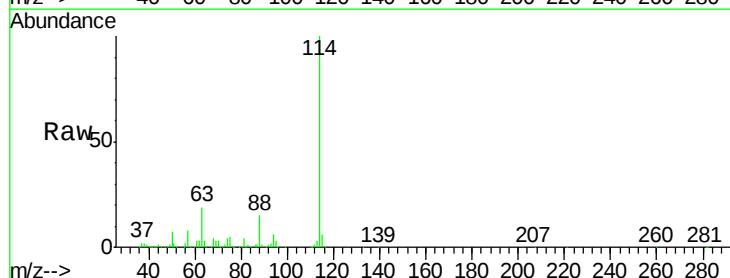
Instrument :
 MSVOA_Y
 ClientSampleId :

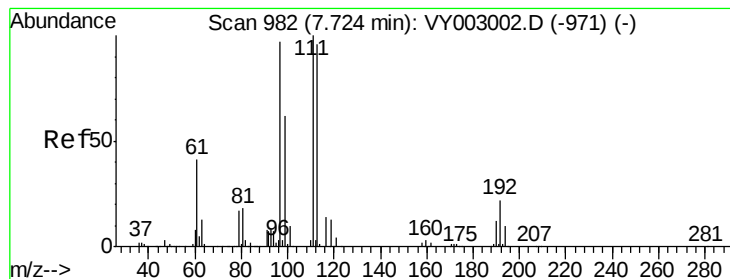
Tot Ion: 65 Resp: 191452
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003045.D
 Acq: 30 Jun 2020 19:14

Tgt Ion: 114 Resp: 553781
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.6
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.934 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003045.D

Acq: 30 Jun 2020 19:14

Instrument :
MSVOA_Y
ClientSampled :

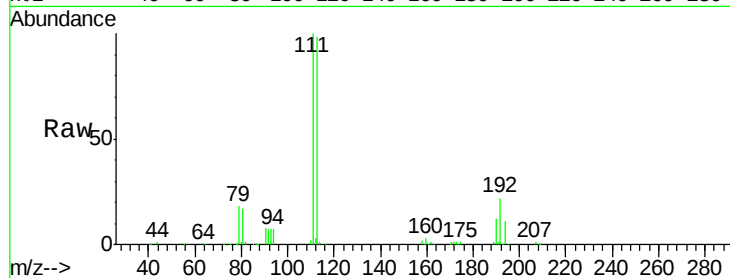
Tot Ion:113 Resp: 182864

Ion Ratio Lower Upper

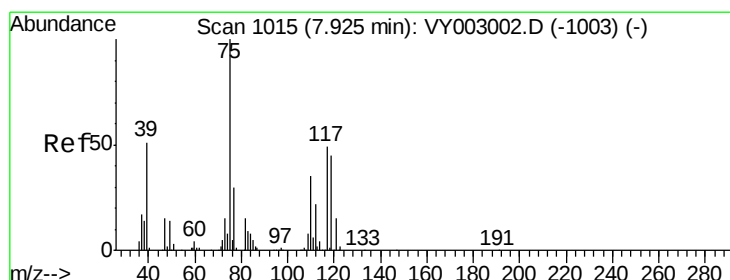
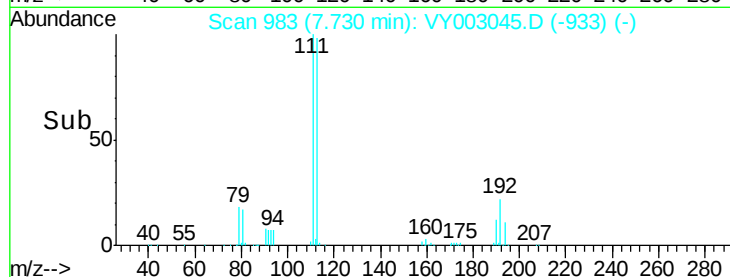
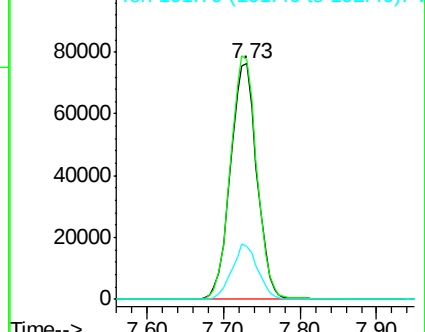
113 100

111 102.6 82.6 123.8

192 22.8 18.1 27.1



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: 4.337 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003045.D

Acq: 30 Jun 2020 19:14

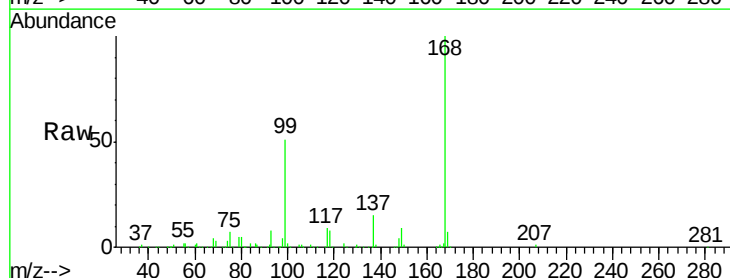
Tgt Ion: 75 Resp: 23132

Ion Ratio Lower Upper

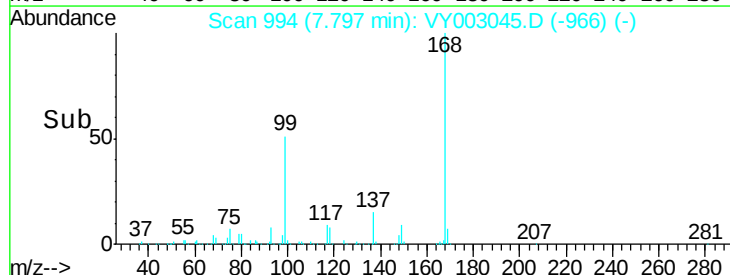
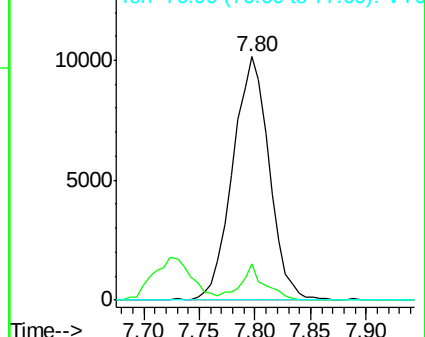
75 100

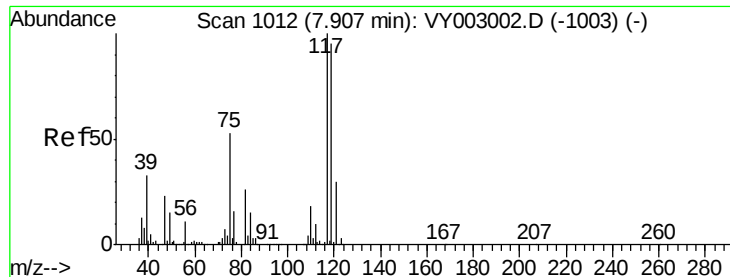
110 9.7 17.1 51.2#

77 0.0 24.9 37.3#



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: 5.409 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003045.D

Acq: 30 Jun 2020 19:14

Instrument :

MSVOA_Y

ClientSampleId :

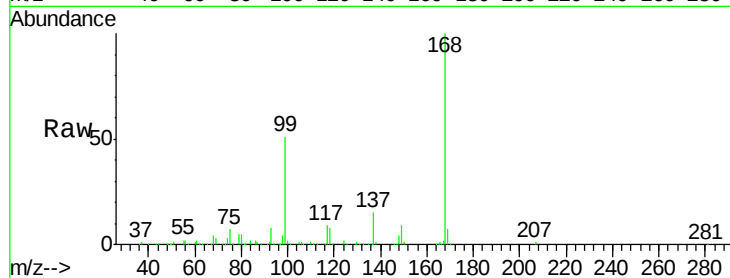
Tot Ion:117 Resp: 30019

Ion Ratio Lower Upper

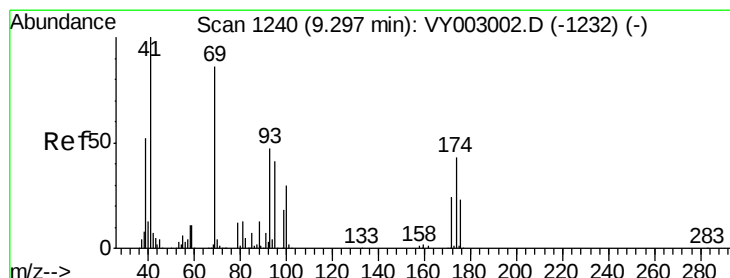
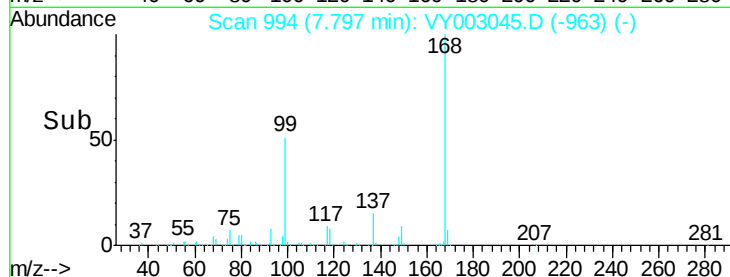
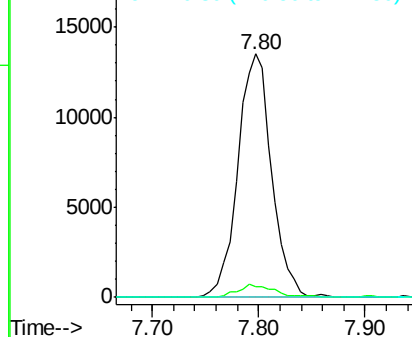
117 100

119 4.6 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



#49

1,4-Dioxane

Concen: 1.045 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VY003045.D

Acq: 30 Jun 2020 19:14

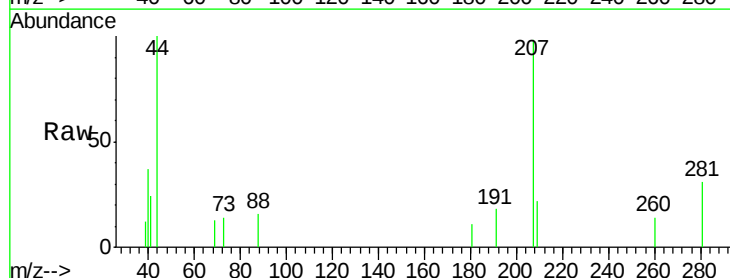
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

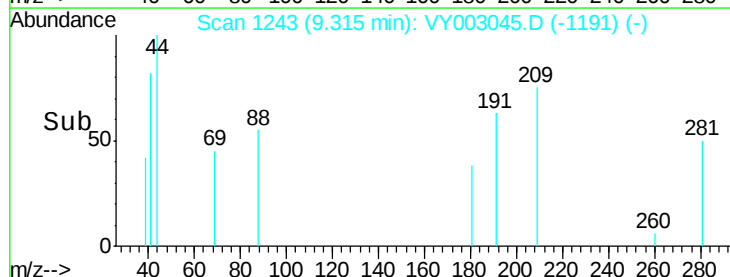
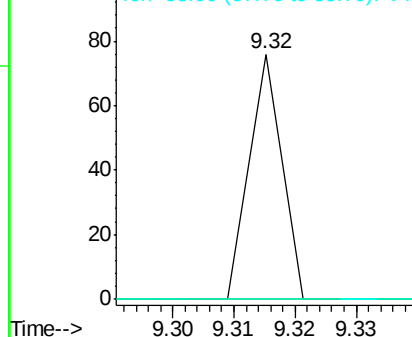
88 100

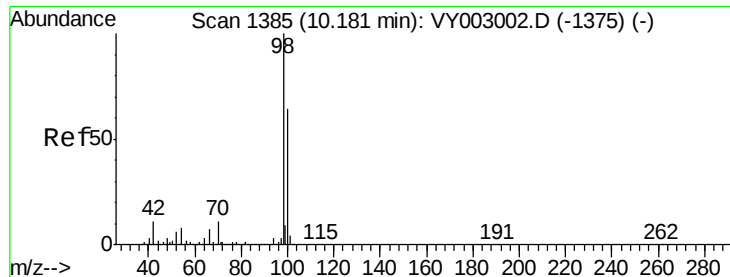
43 0.0 28.6 42.8#

58 0.0 56.7 85.1#



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: 51.069 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003045.D

Acq: 30 Jun 2020 19:14

Instrument :

MSVOA_Y

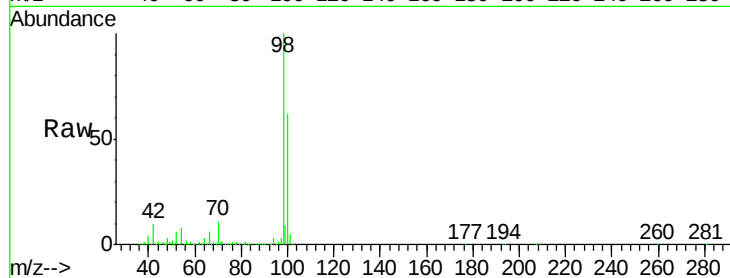
ClientSampleId :

Tot Ion: 98 Resp: 657252

Ion Ratio Lower Upper

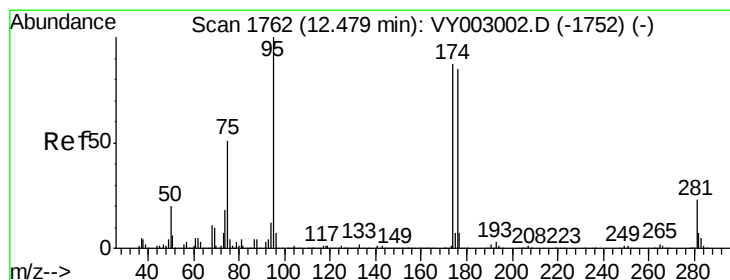
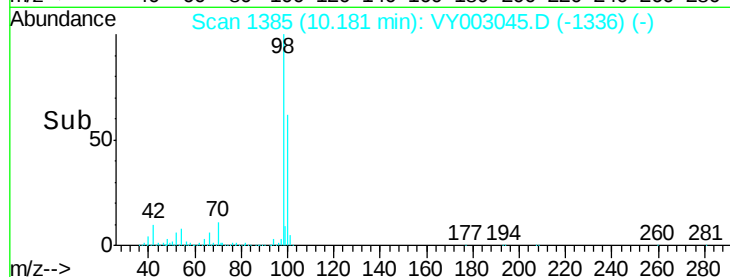
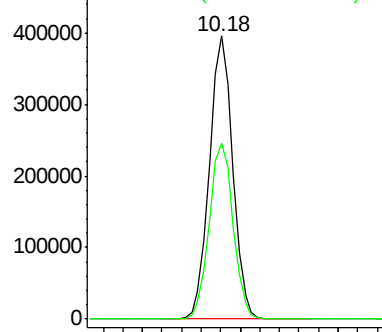
98 100

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): VY0



#62

4-Bromofluorobenzene

Concen: 48.794 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003045.D

Acq: 30 Jun 2020 19:14

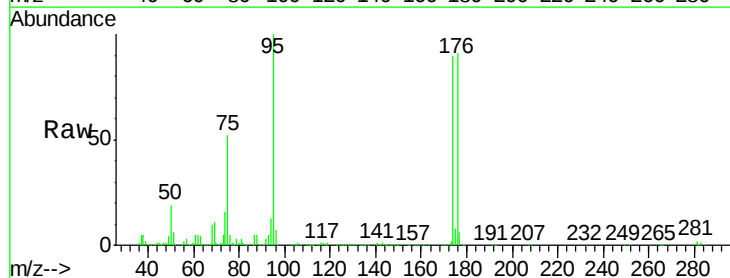
Tgt Ion: 95 Resp: 221045

Ion Ratio Lower Upper

95 100

174 96.8 0.0 184.8

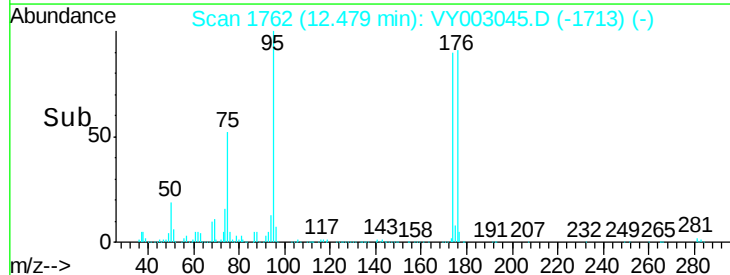
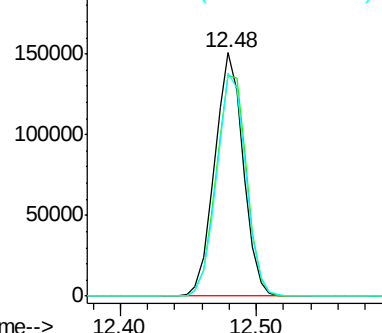
176 93.8 0.0 183.0

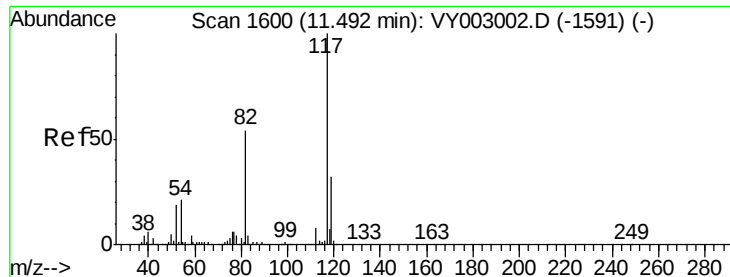


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

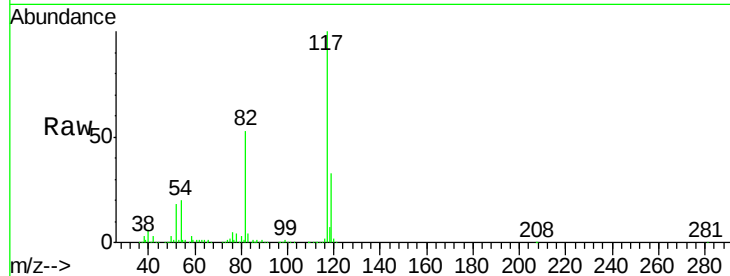




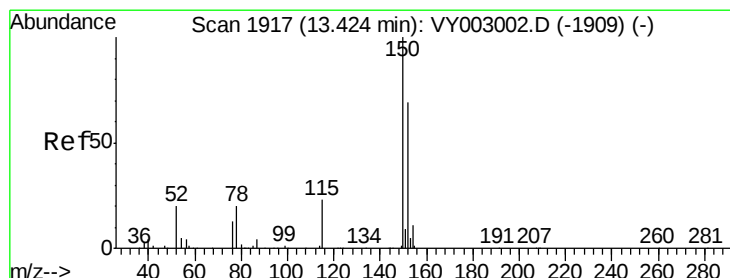
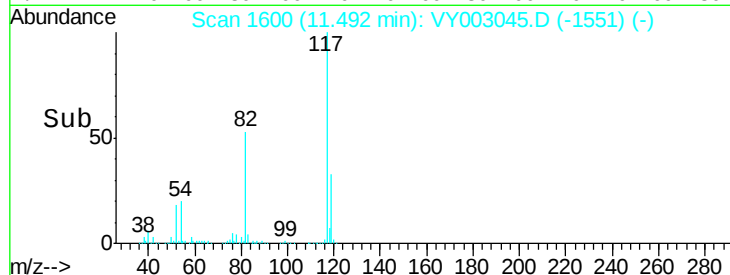
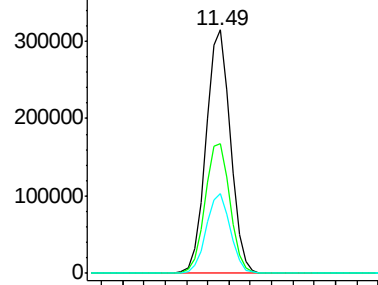
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003045.D
Acq: 30 Jun 2020 19:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 505891
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.6
119 32.9 25.8 38.8

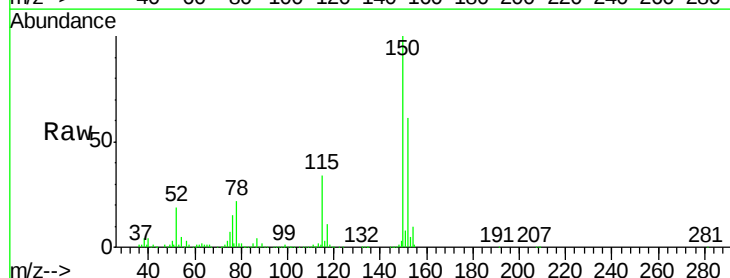


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

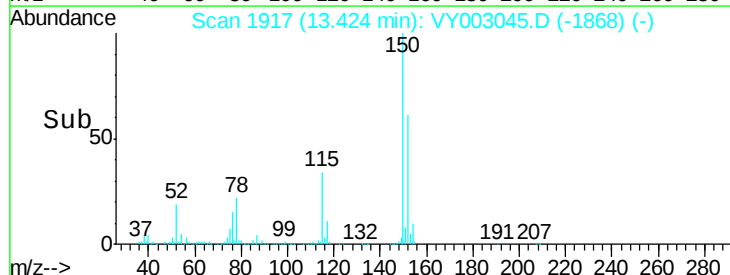
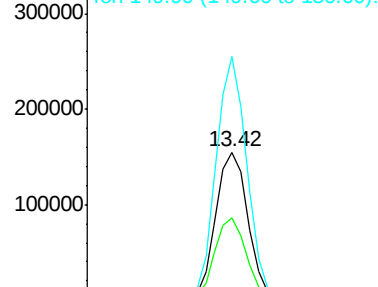


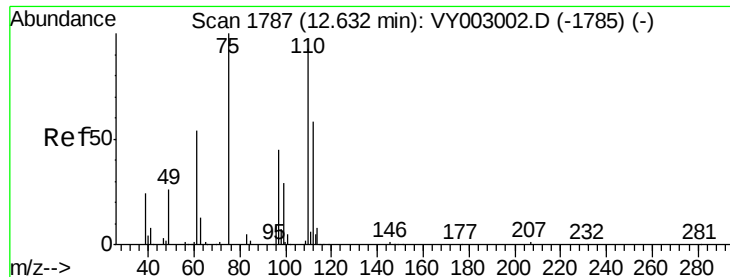
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003045.D
Acq: 30 Jun 2020 19:14

Tgt Ion:152 Resp: 240201
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 157.3 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

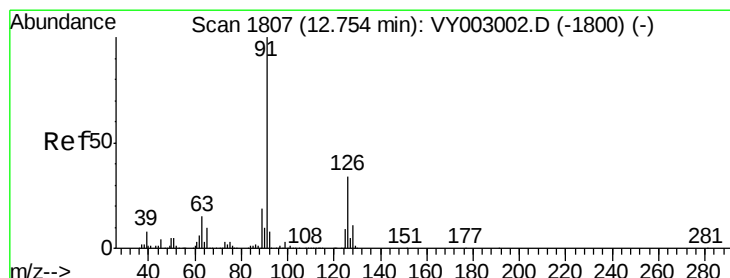
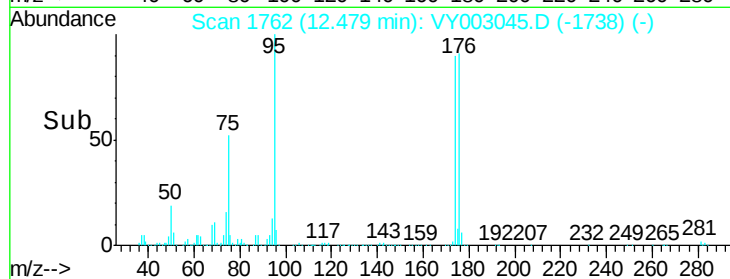
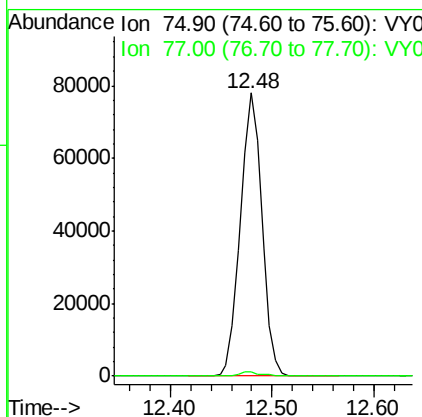
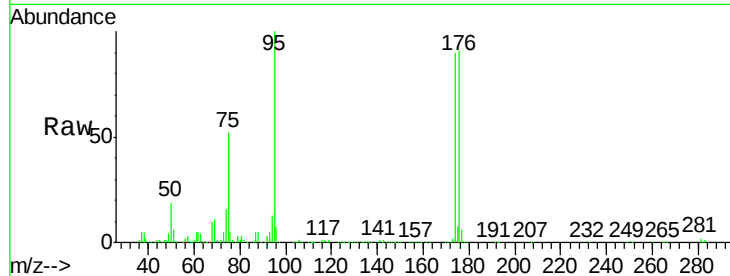




#76
 1,2,3-Trichloropropane
 Concen: 48.051 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003045.D
 Acq: 30 Jun 2020 19:14

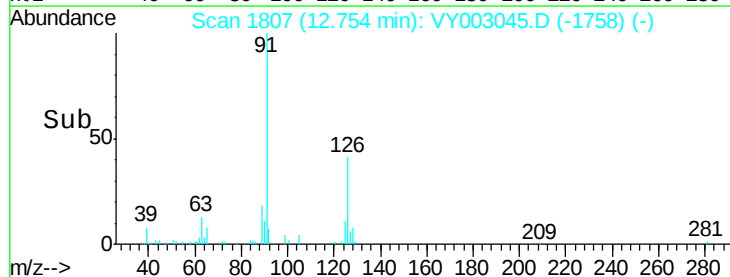
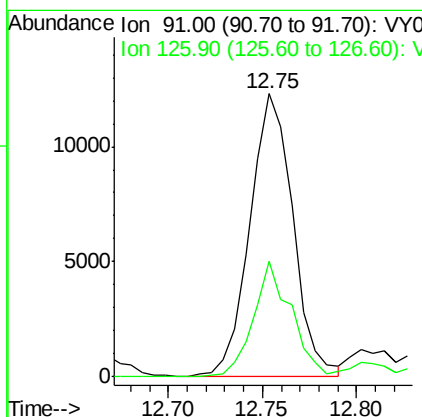
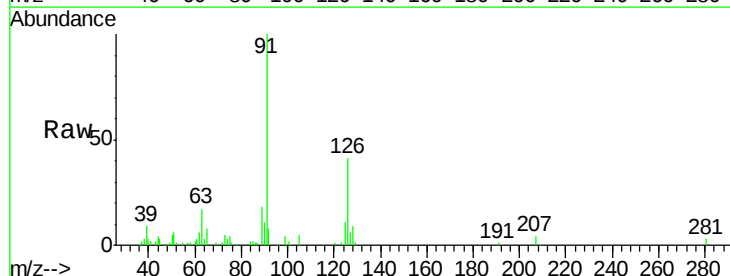
Instrument :
 MSVOA_Y
 ClientSampled :

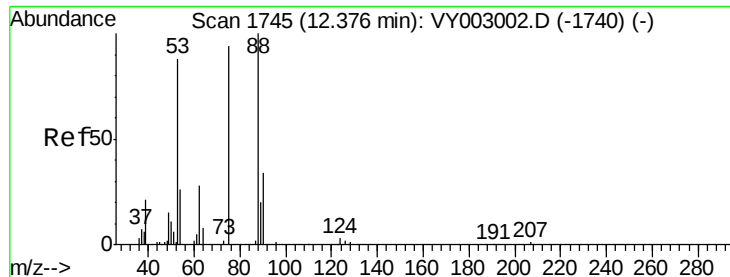
Tot Ion: 75 Resp: 114230
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 1.856 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003045.D
 Acq: 30 Jun 2020 19:14

Tgt Ion: 91 Resp: 19581
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.1 51.3





#81

trans-1,4-Dichloro-2-butene

Concen: 93.488 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003045.D

Acq: 30 Jun 2020 19:14

Instrument :

MSVOA_Y

ClientSampleId :

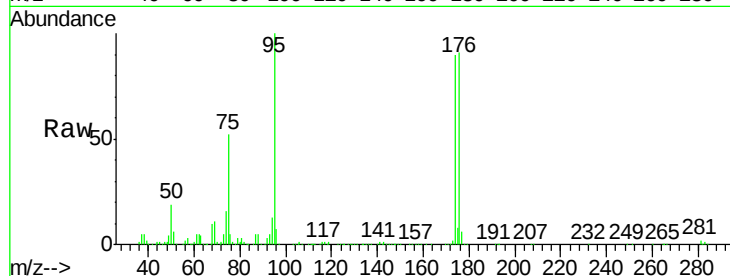
Tot Ion: 75 Resp: 114230

Ion Ratio Lower Upper

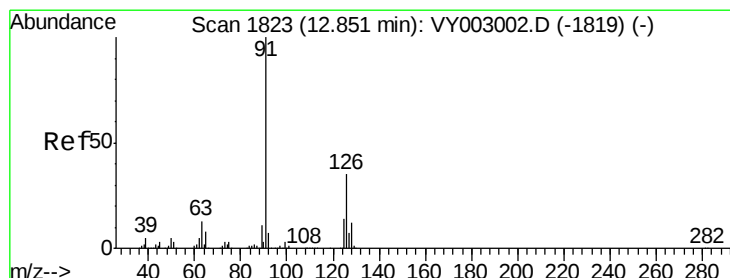
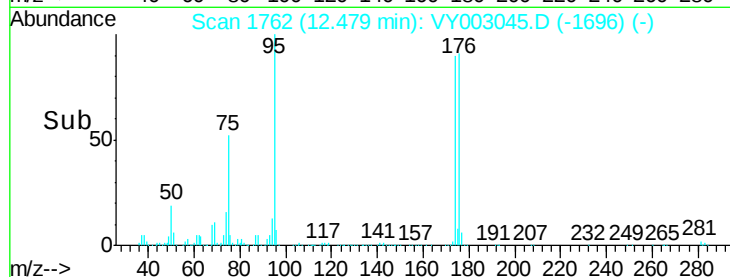
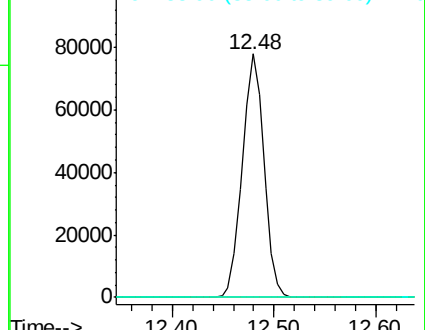
75 100

53 0.0 73.9 110.9#

89 0.1 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



#82

4-Chlorotoluene

Concen: 3.274 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003045.D

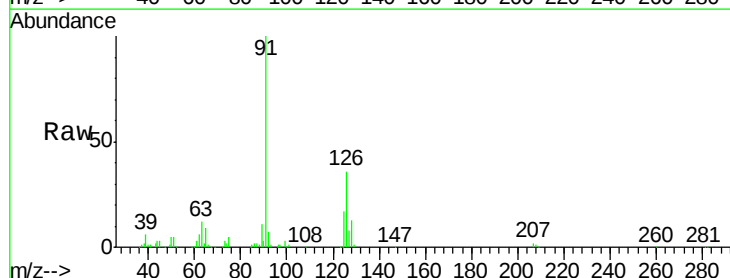
Acq: 30 Jun 2020 19:14

Tgt Ion: 91 Resp: 35975

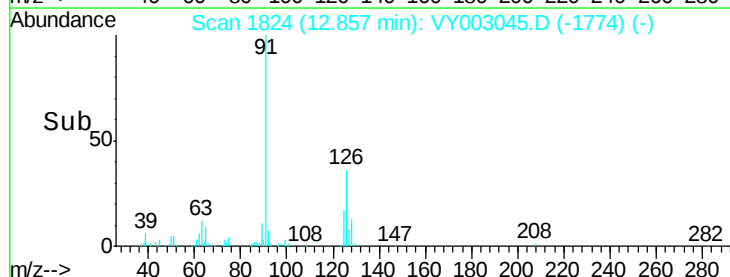
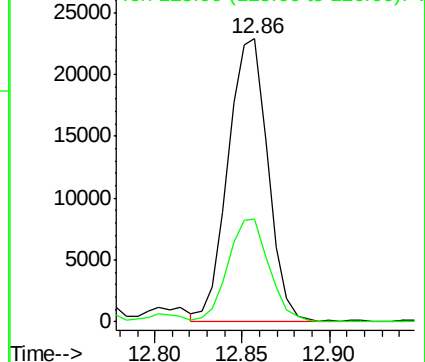
Ion Ratio Lower Upper

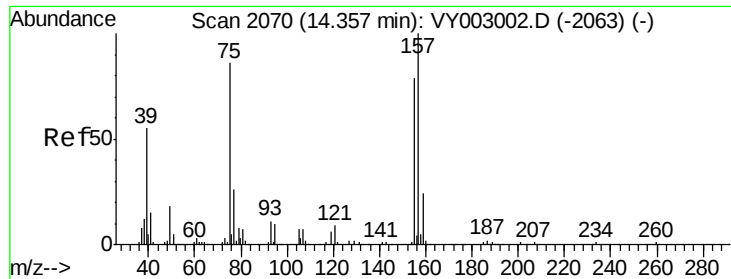
91 100

126 37.8 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): VY0





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.905 ug/l

RT: 14.45 min Scan# 2086

Delta R.T. 0.10 min

Lab File: VY003045.D

Acq: 30 Jun 2020 19:14

Instrument :

MSVOA_Y

ClientSampleId :

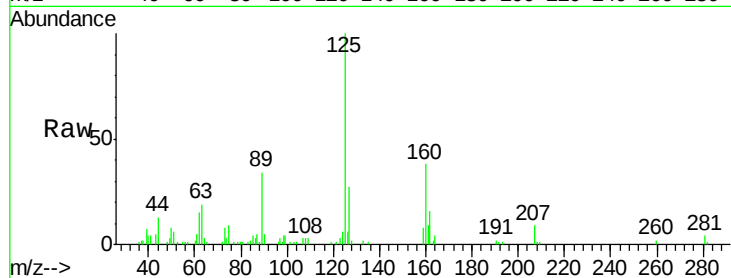
Tot Ion: 75 Resp: 1070

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.3#

157 0.0 59.2 177.5#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

