

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003406.D
 Acq On : 03 Aug 2020 10:41
 Operator : SY/MD
 Sample : VY0803SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBL01

Quant Time: Aug 04 01:28:54 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	453146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	711067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	659124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	327465	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	221036	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
35) Dibromofluoromethane	7.72	113	222511	53.12	ug/l	0.00
Spiked Amount			Recovery	=	106.24%	
50) Toluene-d8	10.18	98	857626	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.48	95	280399	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	

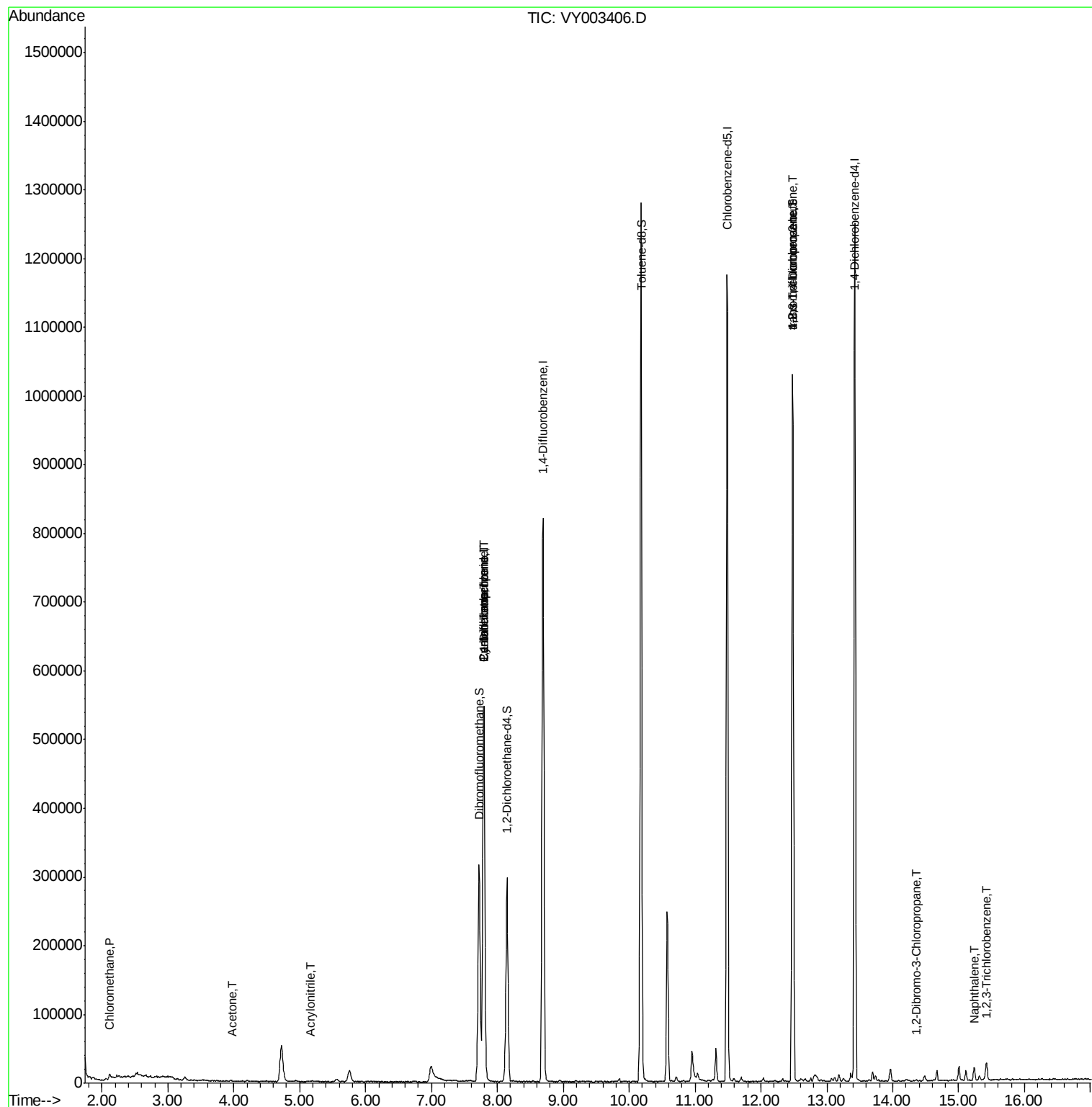
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	6003	1.181	ug/l	96
11) Tert butyl alcohol	4.93	59	1727	Below Cal	#	73
15) Acrylonitrile	5.18	53	1200	1.008	ug/l #	60
16) Acetone	3.96	43	2079	1.953	ug/l #	65
20) Methylene Chloride	4.72	84	39087	Below Cal		98
31) Cyclohexane	7.78	56	8320	1.089	ug/l #	35
36) 1,1-Dichloropropene	7.79	75	31560	4.690	ug/l #	50
38) Carbon Tetrachloride	7.79	117	40167	5.801	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	145390	49.423	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	145390	93.470	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.36	75	830	1.229	ug/l	60
95) Naphthalene	15.23	128	15032	1.381	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	8504	1.636	ug/l	99

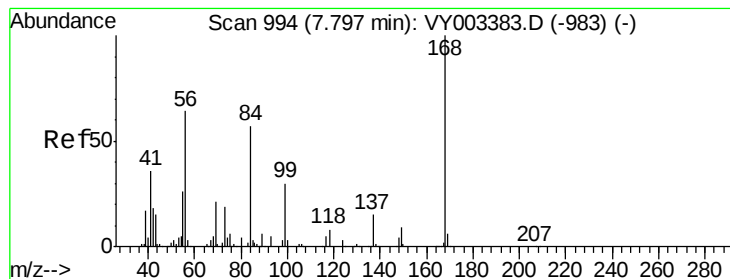
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
Data File : VY003406.D
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VY0803SBL01

Quant Time: Aug 04 01:28:54 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: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampleId :

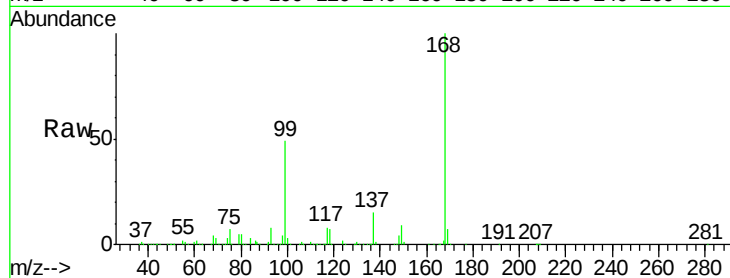
VY0803SBL01

Tot Ion:168 Resp: 453146

Ion Ratio Lower Upper

168 100

99 48.5 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

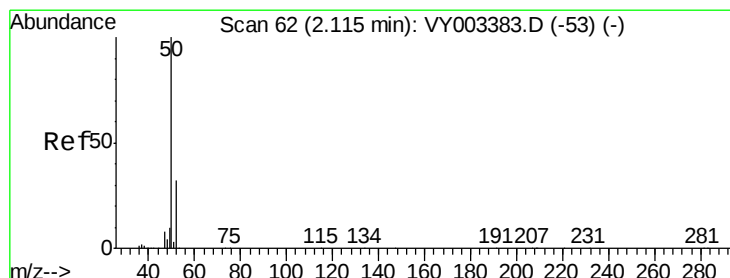
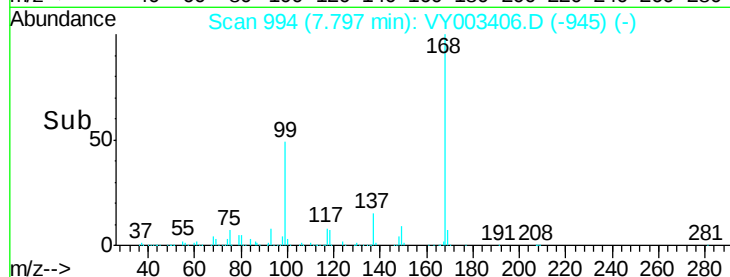
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.181 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003406.D

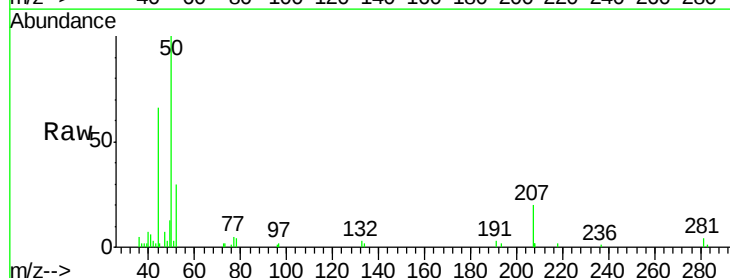
Acq: 03 Aug 2020 10:41

Tgt Ion: 50 Resp: 6003

Ion Ratio Lower Upper

50 100

52 30.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

5000

4000

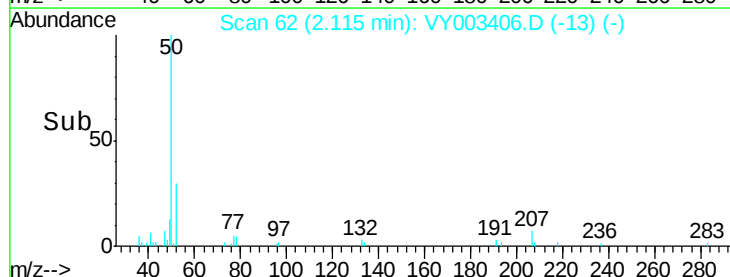
3000

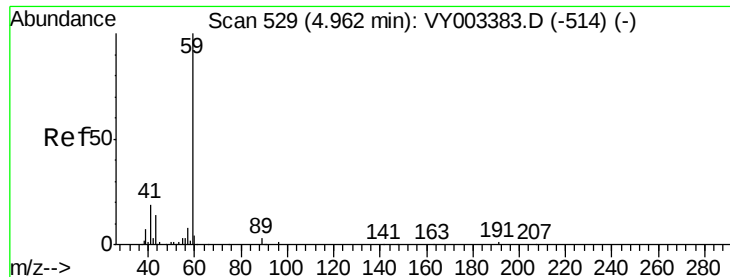
2000

1000

0

Time-->



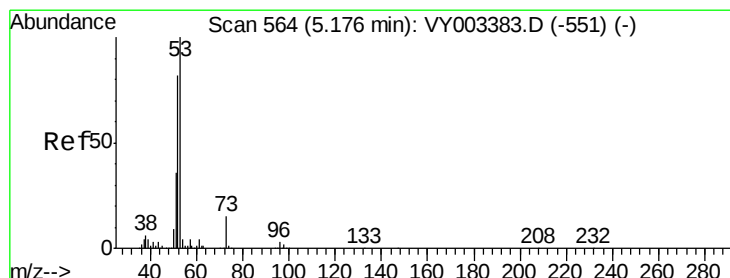
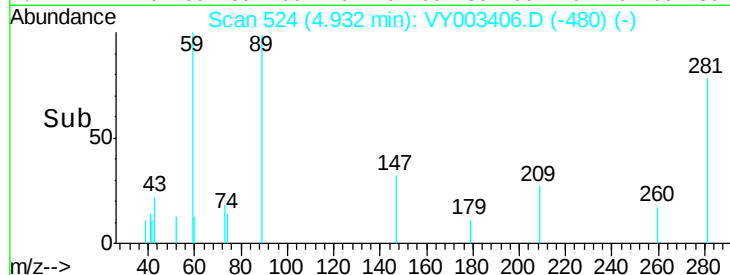
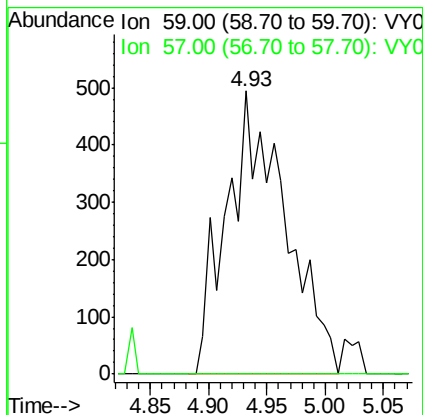
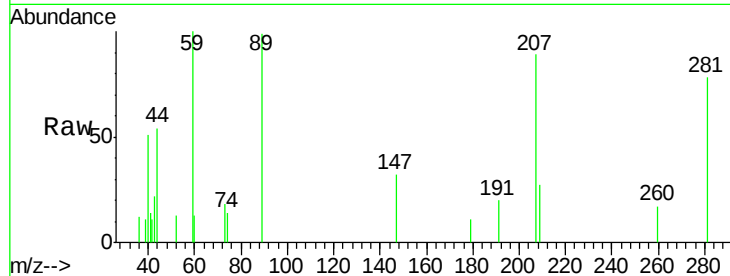


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.93 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: VY003406.D
 Acq: 03 Aug 2020 10:41

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0803SBL01

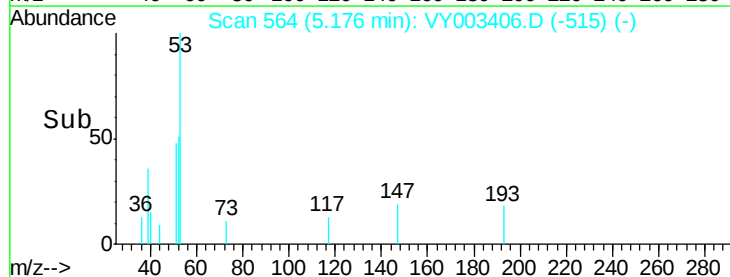
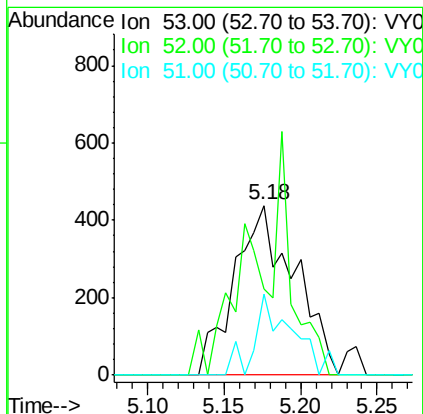
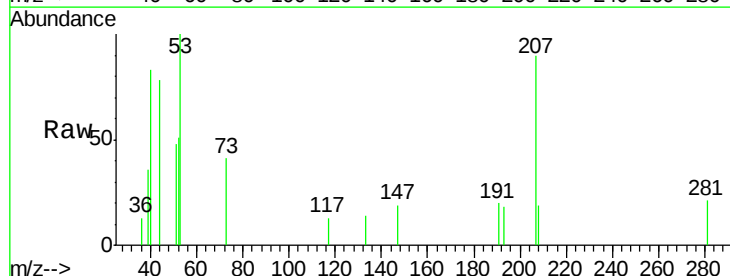
Tot Ion: 59 Resp: 1727
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

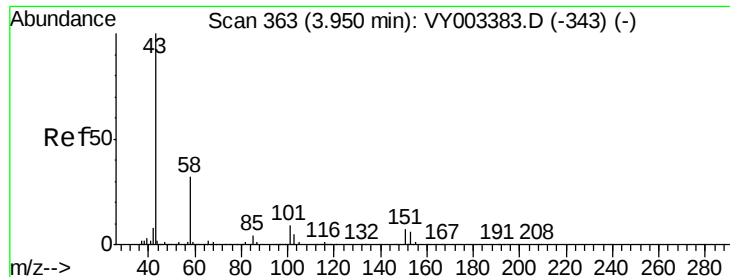


#15

Acrylonitrile
 Concen: 1.008 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003406.D
 Acq: 03 Aug 2020 10:41

Tgt Ion: 53 Resp: 1200
 Ion Ratio Lower Upper
 53 100
 52 35.9 67.0 100.6#
 51 30.0 29.3 43.9





#16

Acetone

Concen: 1.953 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampleId :

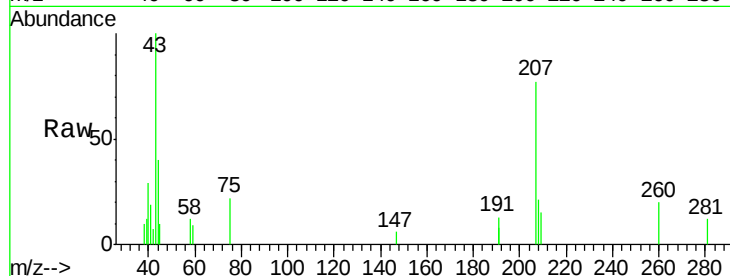
VY0803SBL01

Tot Ion: 43 Resp: 2079

Ion Ratio Lower Upper

43 100

58 12.1 25.4 38.2#

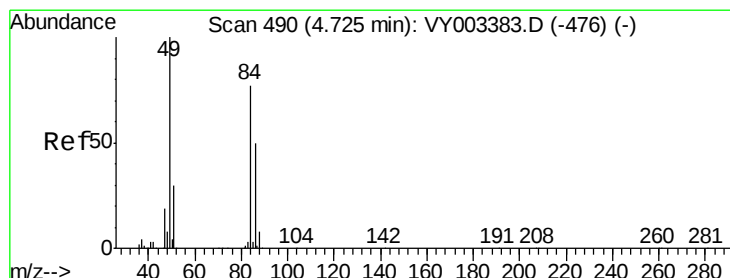
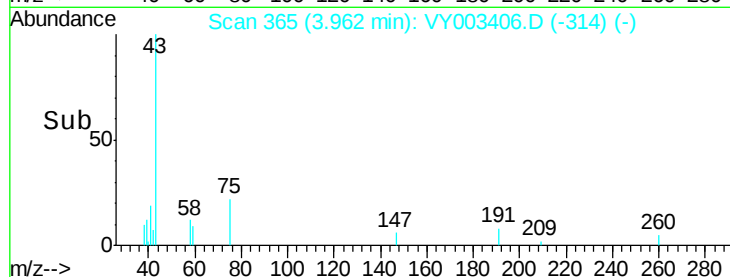


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

Tgt Ion: 84 Resp: 39087

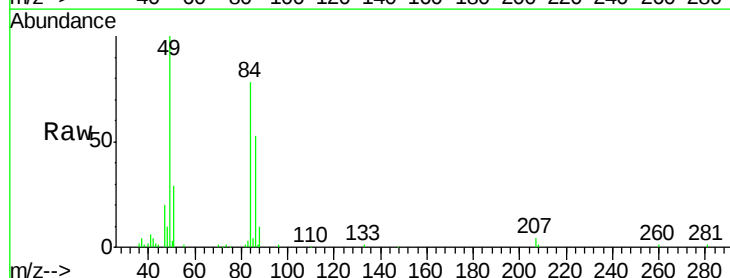
Ion Ratio Lower Upper

84 100

49 129.0 104.2 156.4

51 37.6 31.5 47.3

86 68.1 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VY0

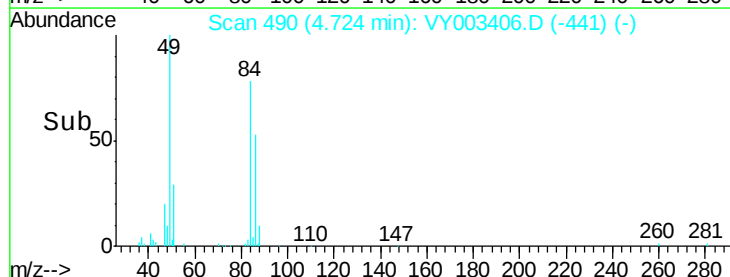
Ion 48.90 (48.60 to 49.60): VY0

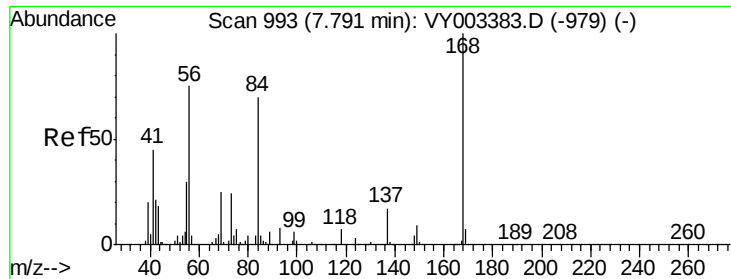
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4.72

Time-->

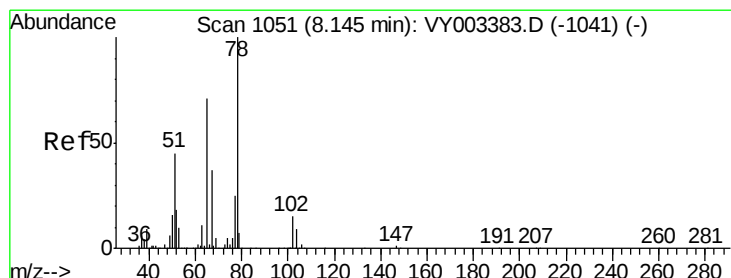
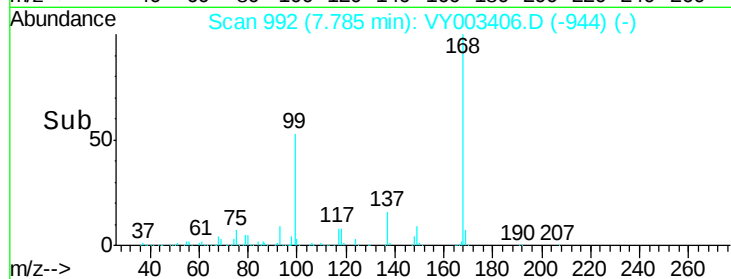
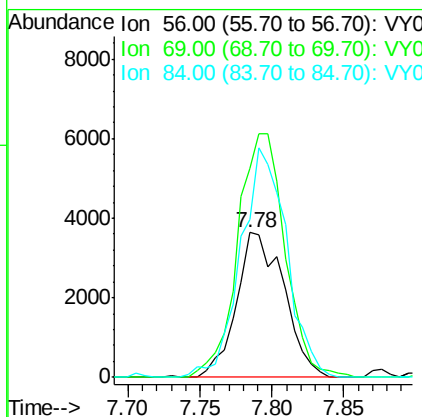
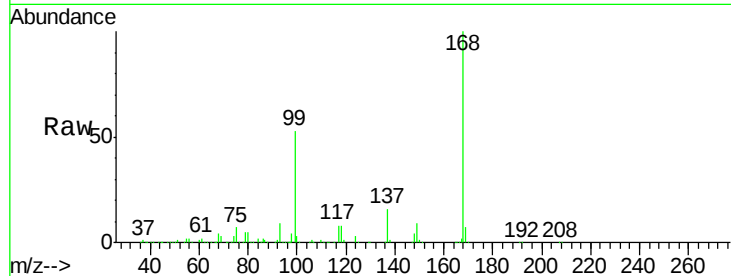




#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003406.D
Acq: 03 Aug 2020 10:41

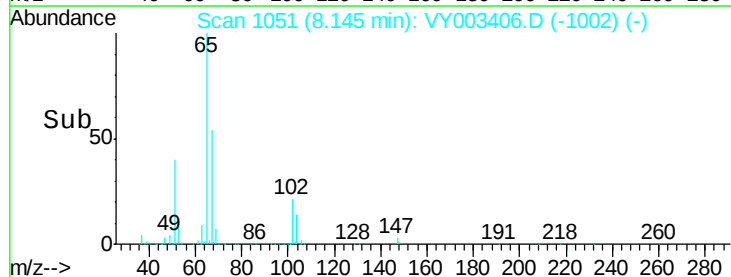
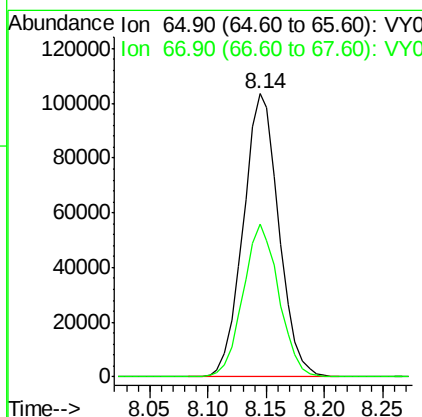
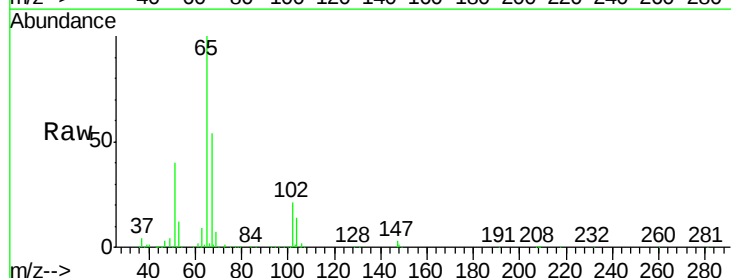
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

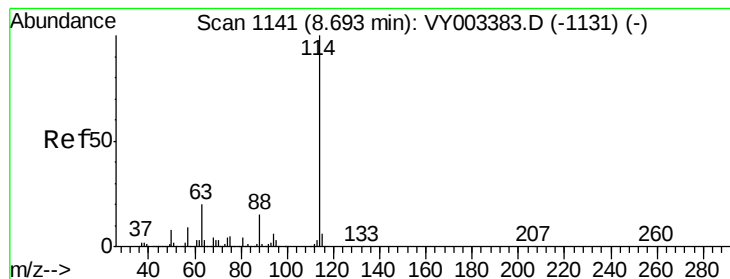
Tot Ion: 56 Resp: 8320
Ion Ratio Lower Upper
56 100
69 144.3 26.1 39.1#
84 109.3 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 51.301 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003406.D
Acq: 03 Aug 2020 10:41

Tgt Ion: 65 Resp: 221036
Ion Ratio Lower Upper
65 100
67 54.2 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: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBL01

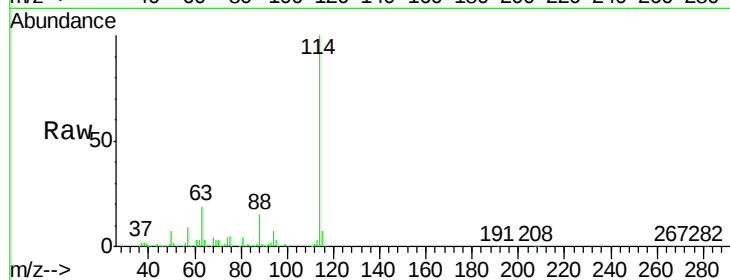
Tot Ion:114 Resp: 711067

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

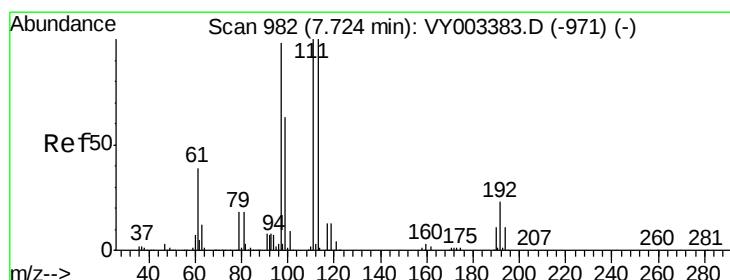
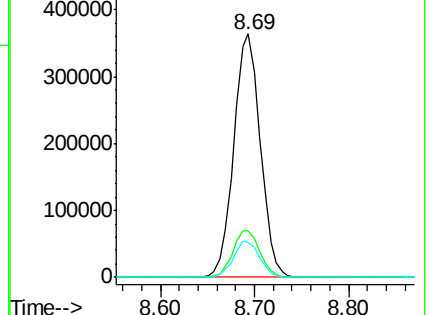
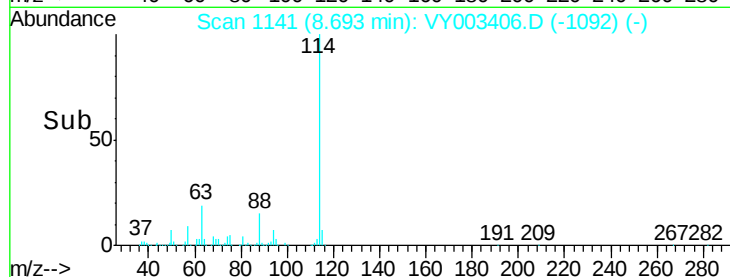
88 14.6 0.0 29.2



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: 53.123 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

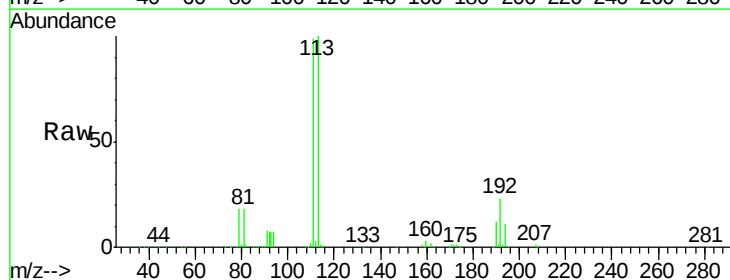
Tgt Ion:113 Resp: 222511

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.4

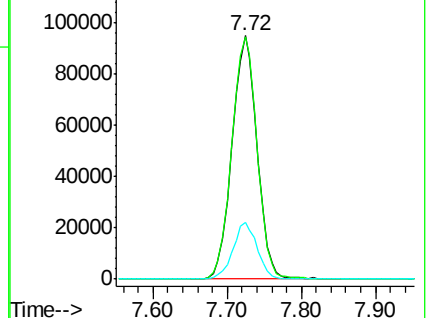
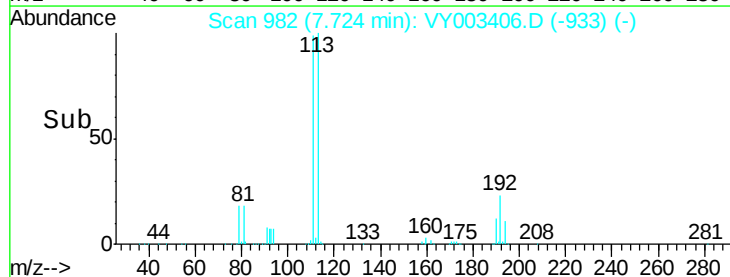
192 22.6 18.8 28.2

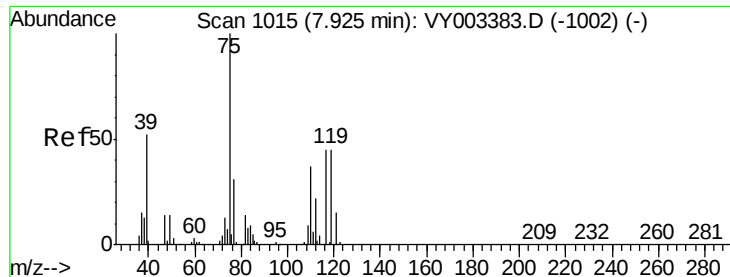


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.690 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBL01

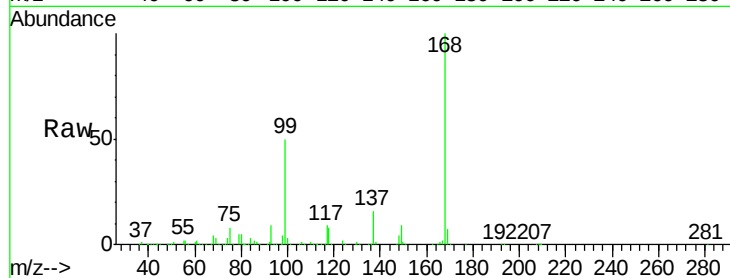
Tot Ion: 75 Resp: 31560

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.5#

77 0.0 24.6 36.8#

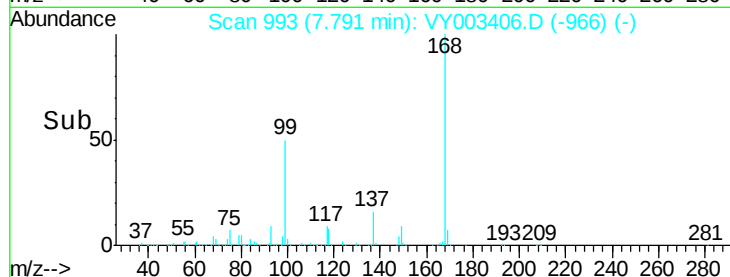


Abundance Ion 74.90 (74.60 to 75.60): VY003383.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VY003383.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VY003383.D (-1002) (-)

Time-->



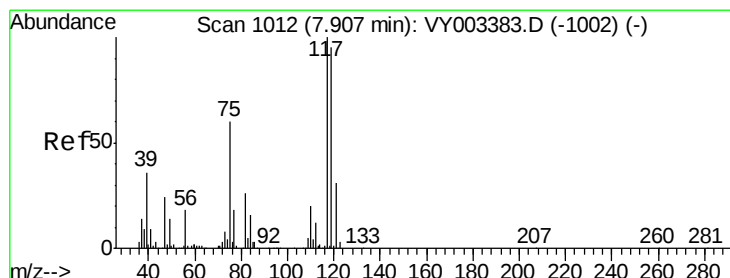
Abundance

Ion 74.90 (74.60 to 75.60): VY003383.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VY003383.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VY003383.D (-1002) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

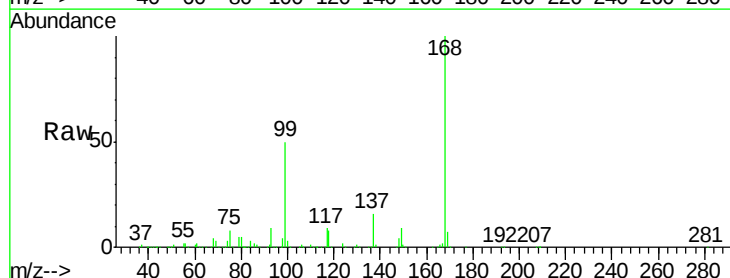
Tgt Ion: 117 Resp: 40167

Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

121 0.0 24.5 36.7#

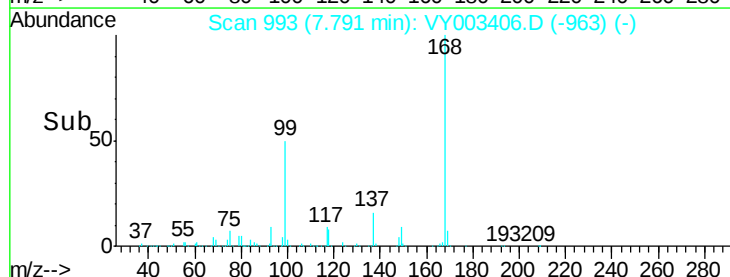


Abundance Ion 116.80 (116.50 to 117.50): VY003383.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY003383.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY003383.D (-1002) (-)

Time-->



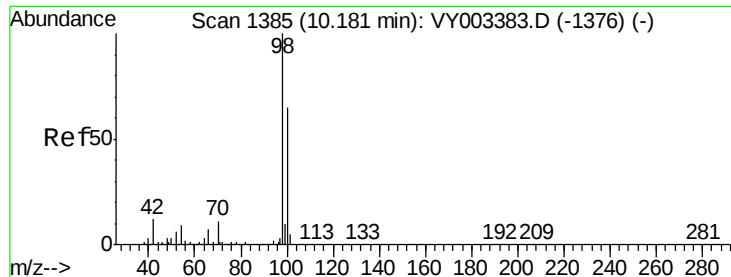
Abundance

Ion 116.80 (116.50 to 117.50): VY003383.D (-1002) (-)

Ion 118.80 (118.50 to 119.50): VY003383.D (-1002) (-)

Ion 120.80 (120.50 to 121.50): VY003383.D (-1002) (-)

Time-->



#50

Toluene-d8

Concen: 52.288 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampled :

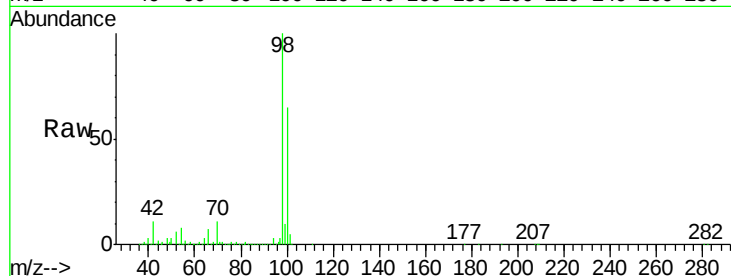
VY0803SBL01

Tot Ion: 98 Resp: 857626

Ion Ratio Lower Upper

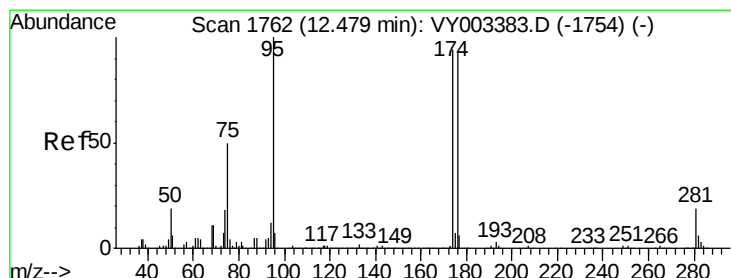
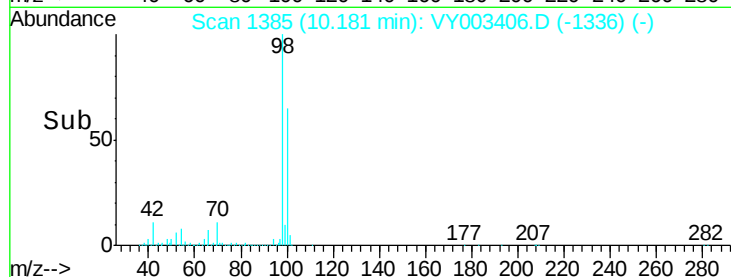
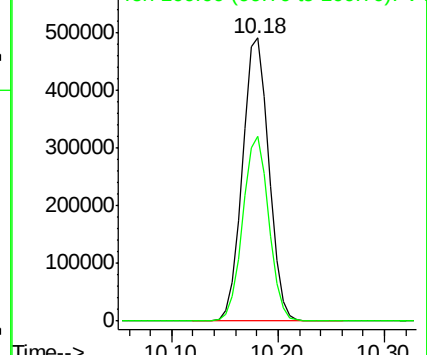
98 100

100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.034 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

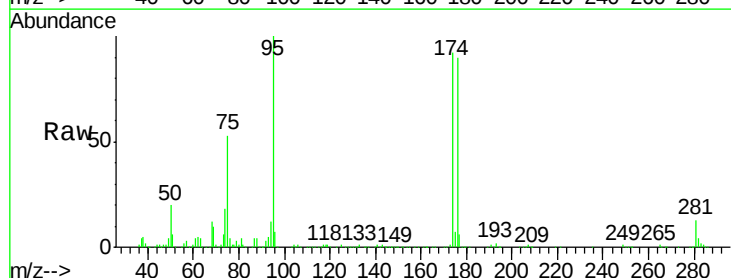
Tgt Ion: 95 Resp: 280399

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.0

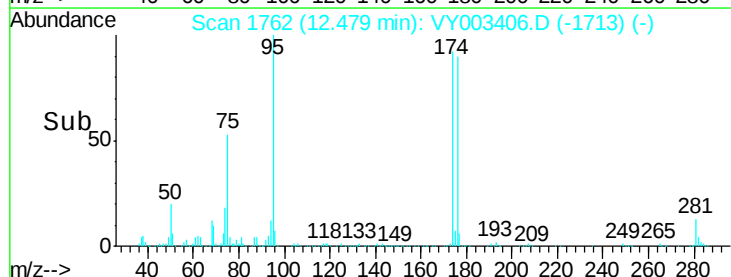
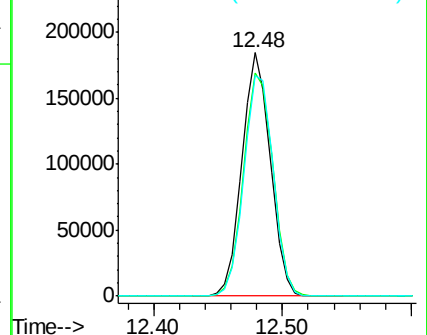
176 93.5 0.0 184.4

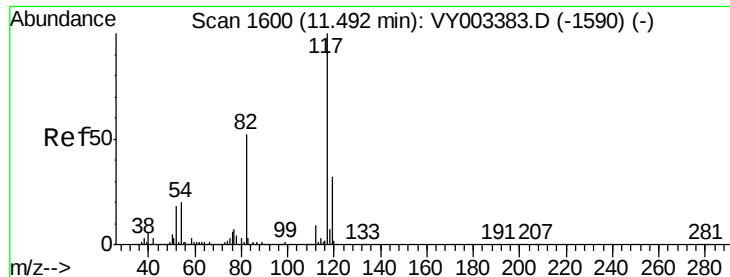


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

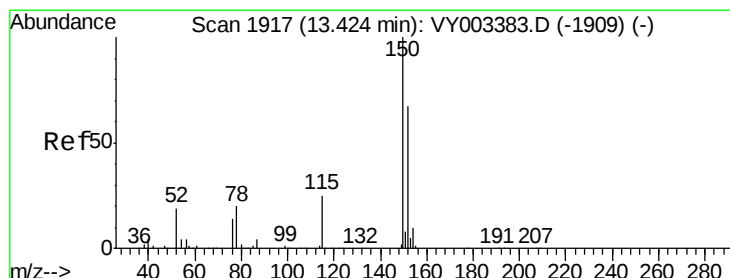
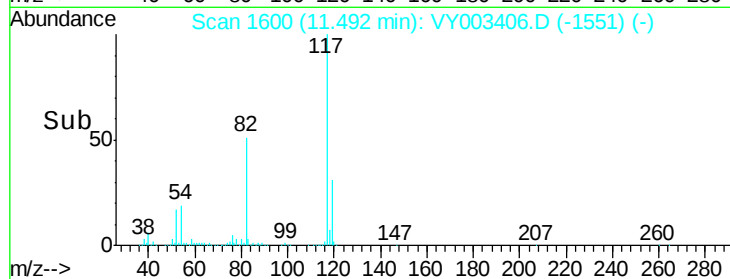
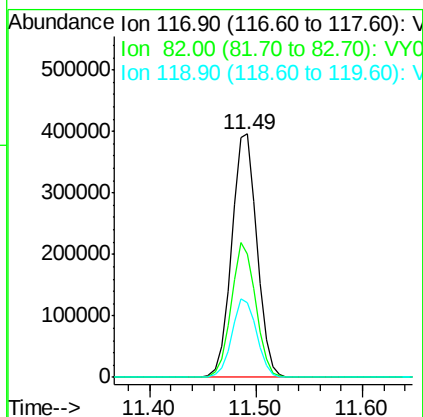
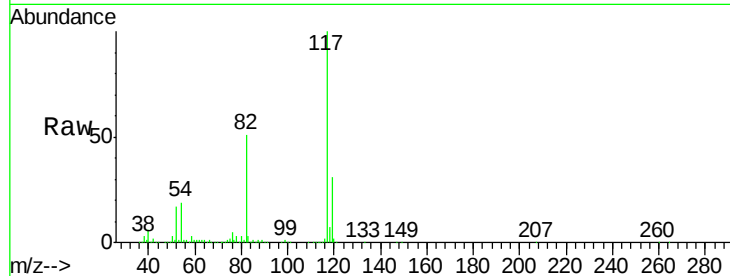




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003406.D
Acq: 03 Aug 2020 10:41

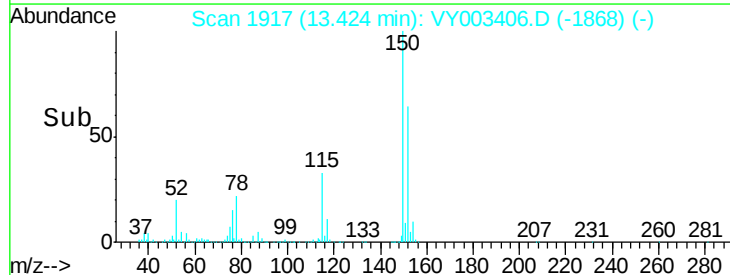
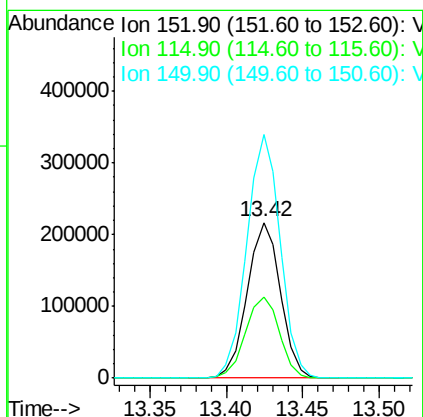
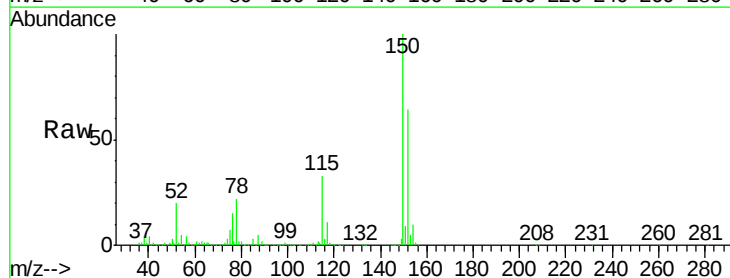
Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

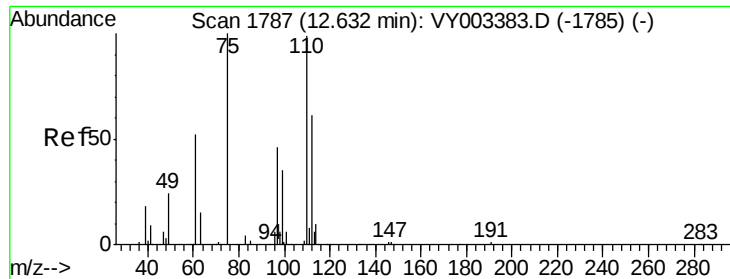
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.9	62.9
119	30.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003406.D
Acq: 03 Aug 2020 10:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.2	81.5
150	157.6	0.0	346.8





#76

1,2,3-Trichloropropane

Concen: 49.423 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampled :

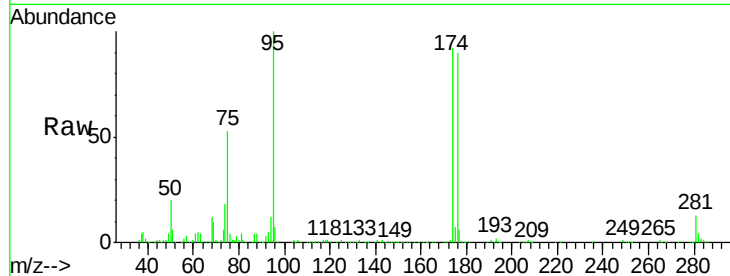
VY0803SBL01

Tot Ion: 75 Resp: 145390

Ion Ratio Lower Upper

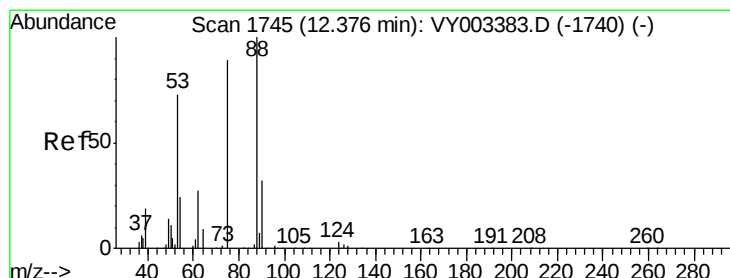
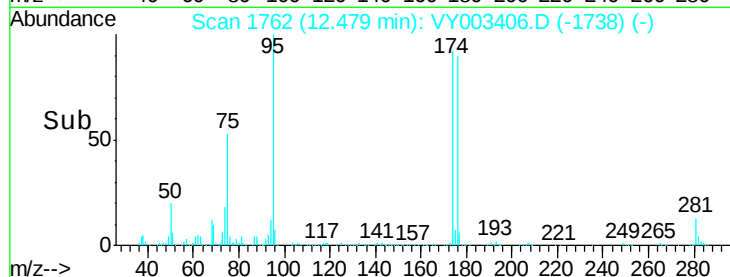
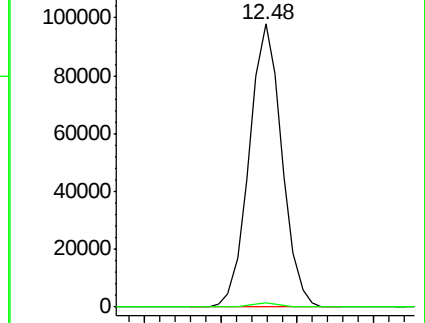
75 100

77 1.3 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: 93.470 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

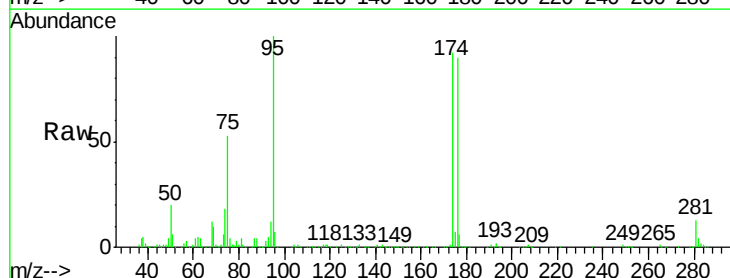
Tgt Ion: 75 Resp: 145390

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

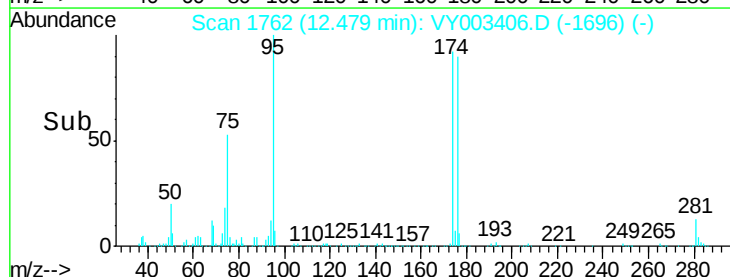
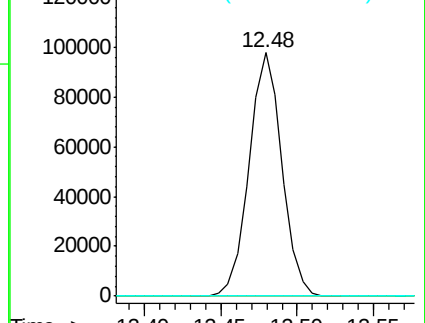
89 0.1 33.8 50.6#

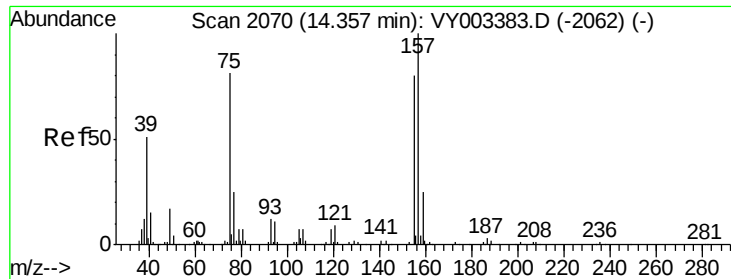


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

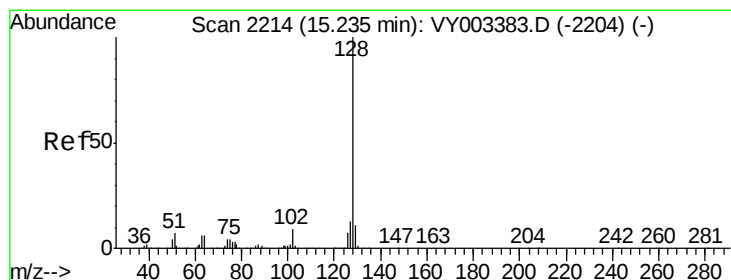
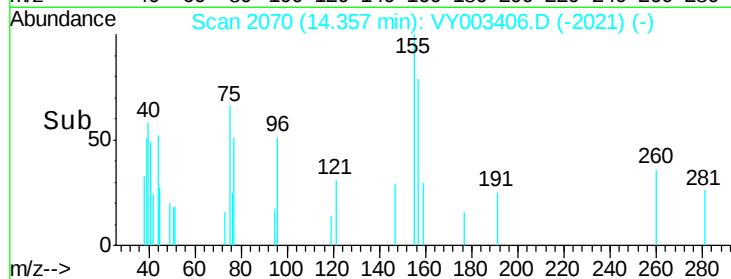
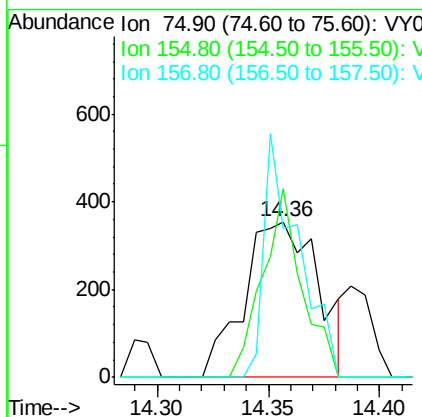
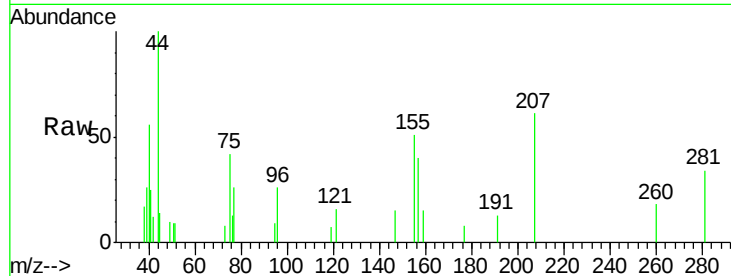




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.229 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003406.D
 Acq: 03 Aug 2020 10:41

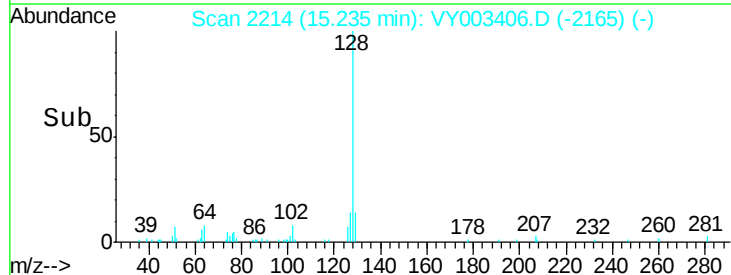
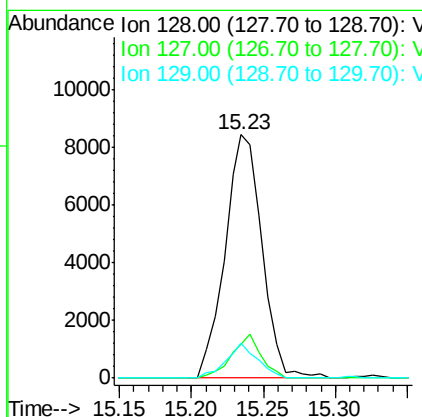
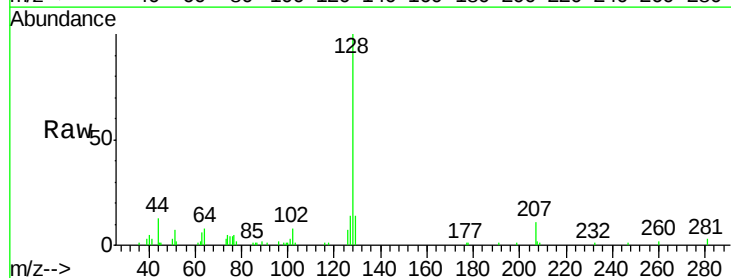
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBL01

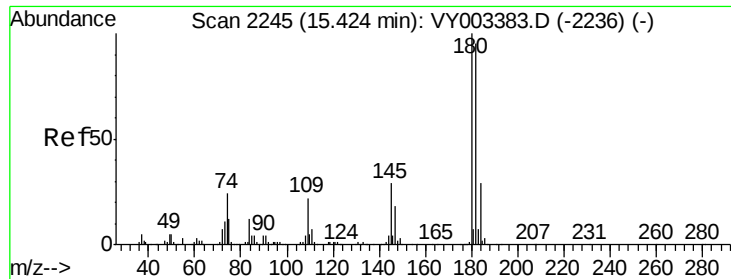
Tot Ion: 75 Resp: 830
 Ion Ratio Lower Upper
 75 100
 155 63.5 48.8 146.4
 157 71.2 60.9 182.6



#95
 Naphthalene
 Concen: 1.381 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY003406.D
 Acq: 03 Aug 2020 10:41

Tgt Ion: 128 Resp: 15032
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.4 15.6
 129 12.1 8.7 13.1

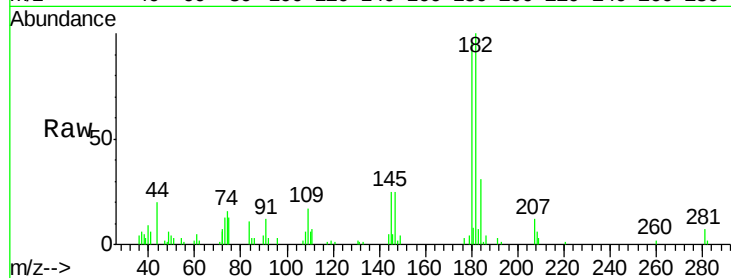




#96
 1,2,3-Trichlorobenzene
 Concen: 1.636 ug/l
 RT: 15.42 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VY003406.D
 Acq: 03 Aug 2020 10:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBL01

Tot Ion:	180	Resp:	8504
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	30.9	14.5	43.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

