

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003239.D
 Acq On : 20 Jul 2020 18:07
 Operator : SY/MD
 Sample : L3308-13RE
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 13

Quant Time: Jul 21 03:19:45 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

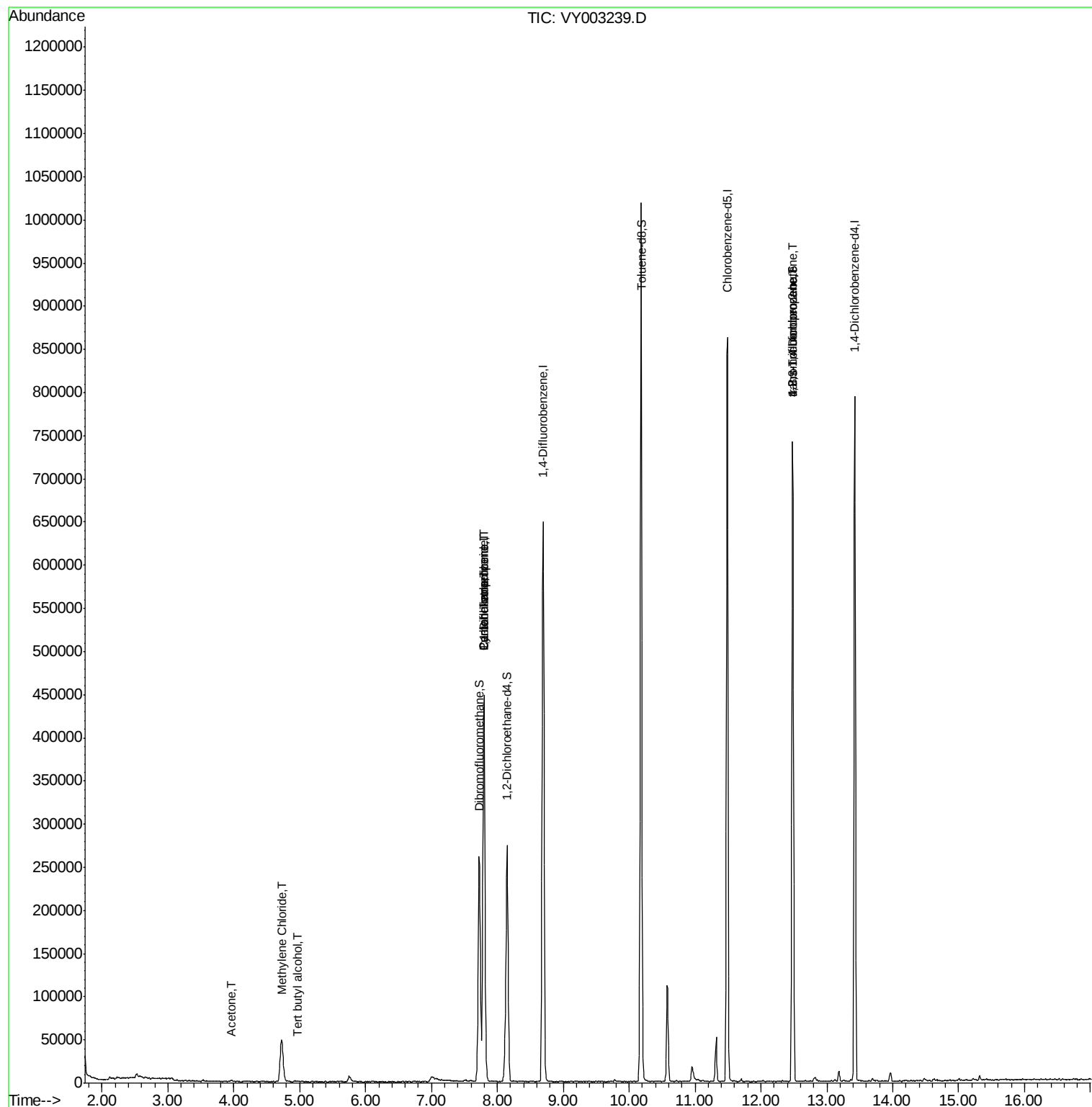
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	361087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	550045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	468005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	203217	66.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.36%	
35) Dibromofluoromethane	7.72	113	180927	57.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.32%	
50) Toluene-d8	10.18	98	650024	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.48	95	193804	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	332	1.007	ug/l #	72
16) Acetone	3.96	43	2574	3.781	ug/l #	74
20) Methylene Chloride	4.72	84	37592	6.156	ug/l	99
31) Cyclohexane	7.79	56	6839	1.234	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	26250	5.266	ug/l #	49
38) Carbon Tetrachloride	7.80	117	32367	6.289	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	103176	59.029	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	103176	114.881	ug/l #	13

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

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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: VY003239.D

Acq: 20 Jul 2020 18:07

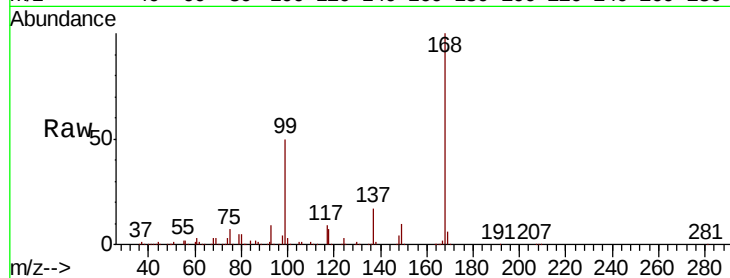
Instrument :
MSVOA_Y
ClientSampled :
13

Tot Ion:168 Resp: 361087

Ion Ratio Lower Upper

168 100

99 50.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003239.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003239.D (-983) (-)

7.80

150000

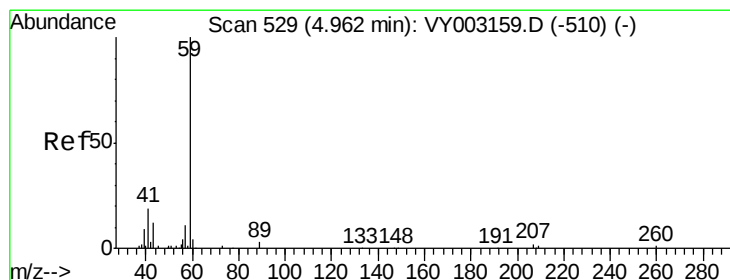
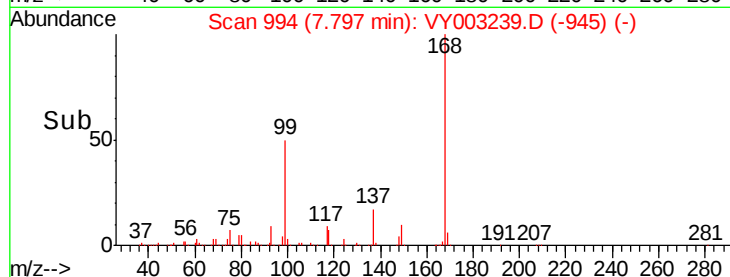
100000

50000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 1.007 ug/l

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY003239.D

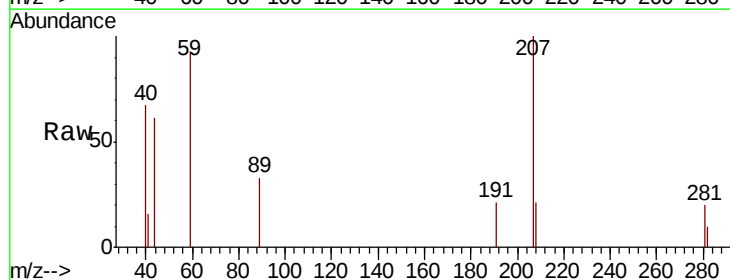
Acq: 20 Jul 2020 18:07

Tgt Ion: 59 Resp: 332

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003239.D (-510) (-)

Ion 57.00 (56.70 to 57.70): VY003239.D (-510) (-)

4.96

500

400

300

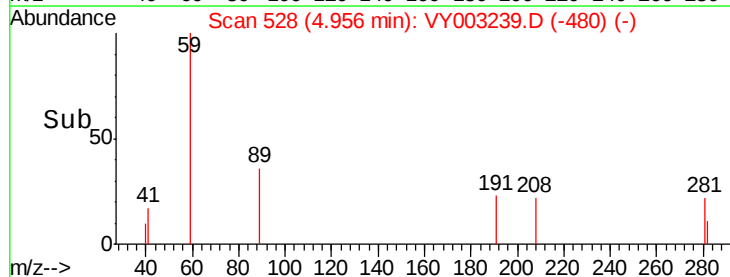
200

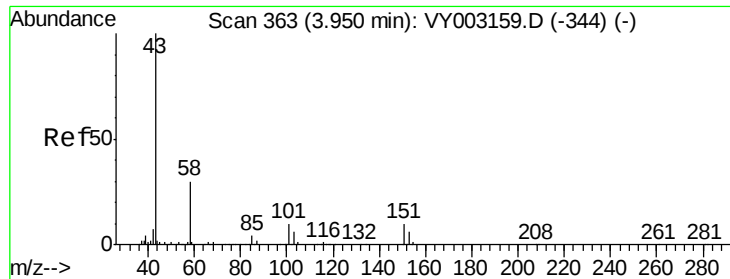
100

0

4.95 4.96 4.97

Time-->





#16

Acetone

Concen: 3.781 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Instrument :

MSVOA_Y

ClientSampled :

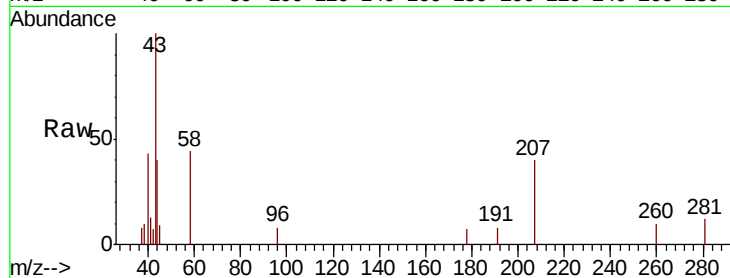
13

Tot Ion: 43 Resp: 2574

Ion Ratio Lower Upper

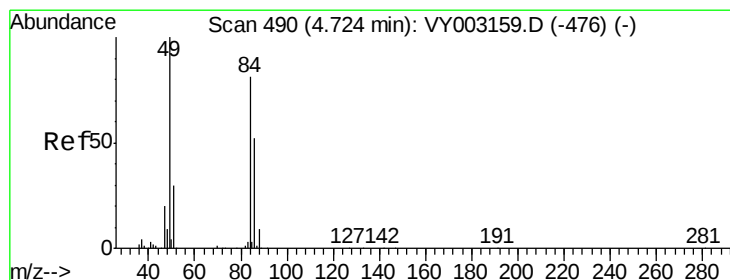
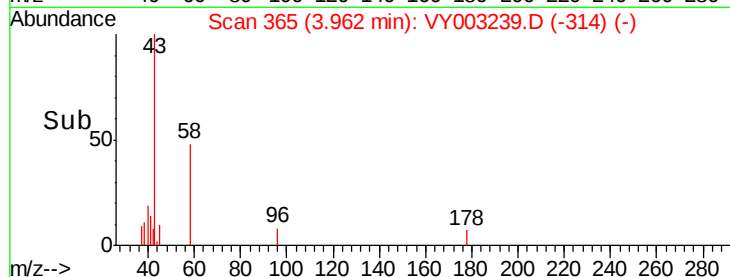
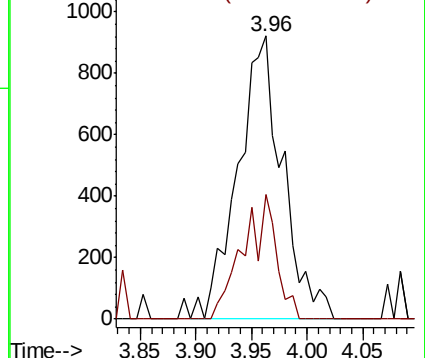
43 100

58 43.9 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003239.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003239.D (-314) (-)



#20

Methylene Chloride

Concen: 6.156 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Tgt Ion: 84 Resp: 37592

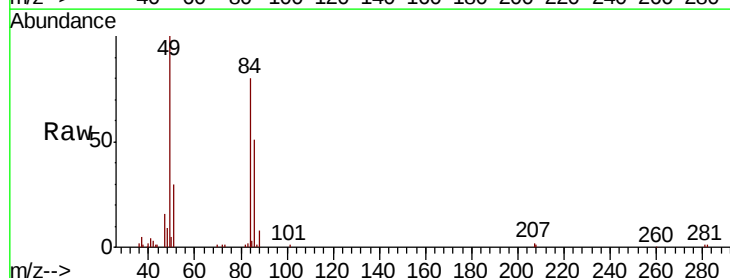
Ion Ratio Lower Upper

84 100

49 125.3 98.2 147.4

51 37.3 29.8 44.6

86 64.1 51.2 76.8

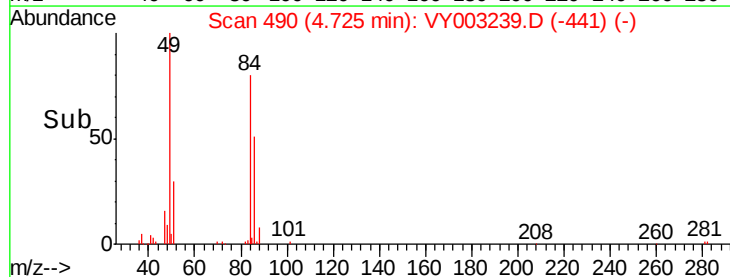
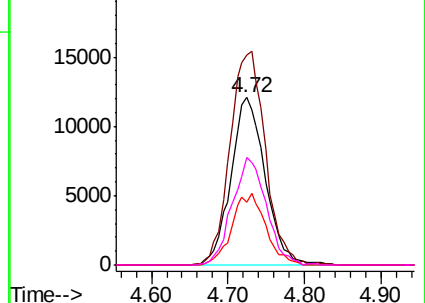


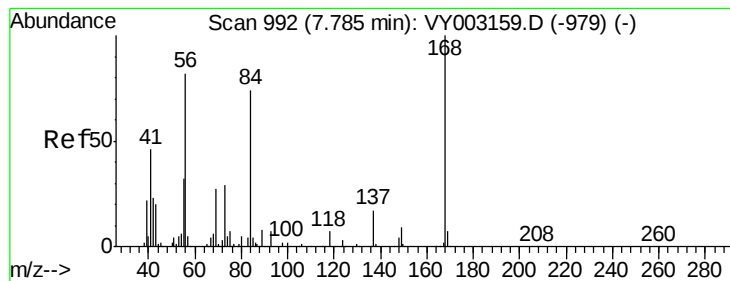
Abundance Ion 83.90 (83.60 to 84.60): VY003239.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003239.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003239.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003239.D (-441) (-)





#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Instrument :
MSVOA_Y
ClientSampled :
13

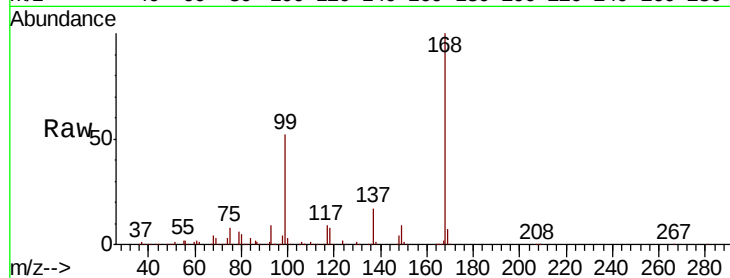
Tot Ion: 56 Resp: 6839

Ion Ratio Lower Upper

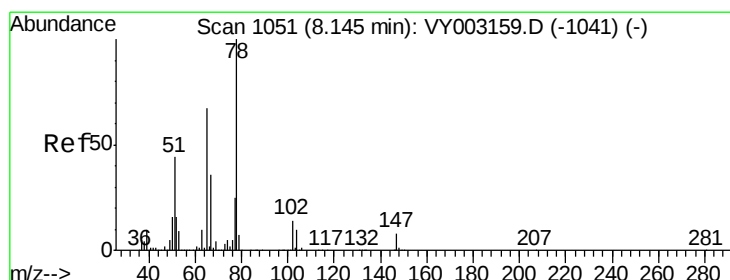
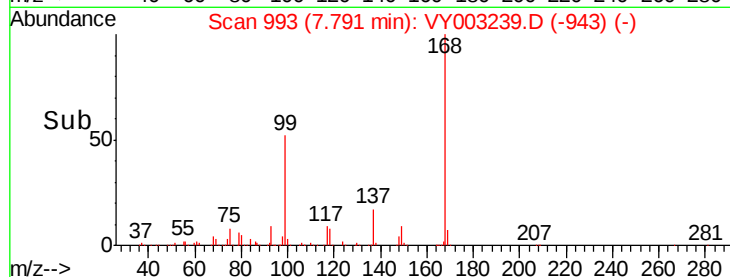
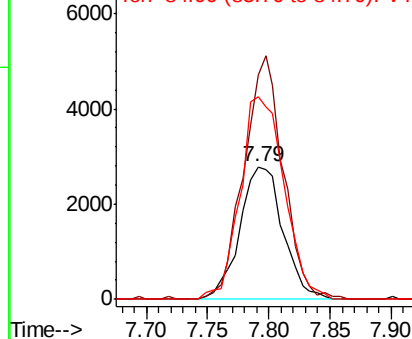
56 100

69 169.5 26.7 40.1#

84 152.9 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: 66.679 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003239.D

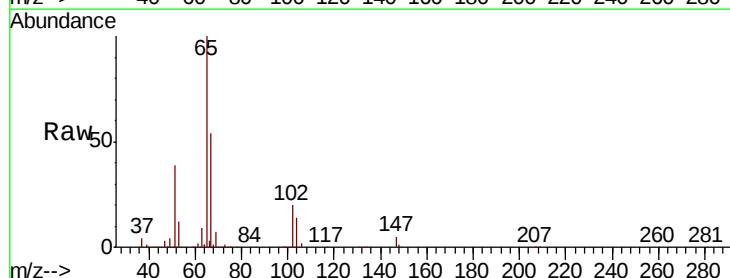
Acq: 20 Jul 2020 18:07

Tgt Ion: 65 Resp: 203217

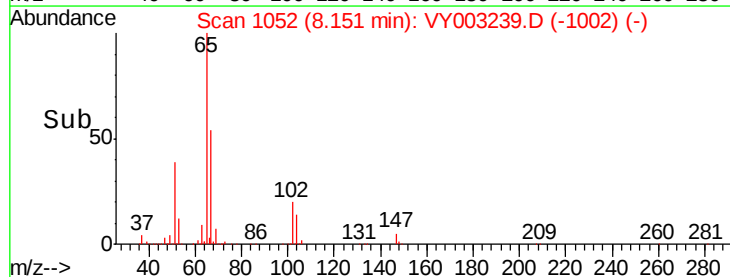
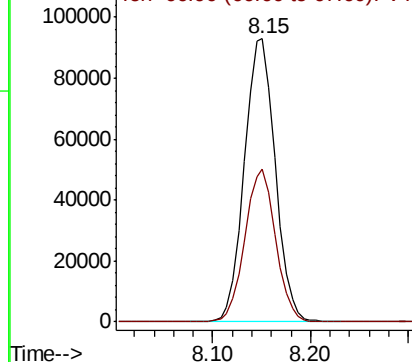
Ion Ratio Lower Upper

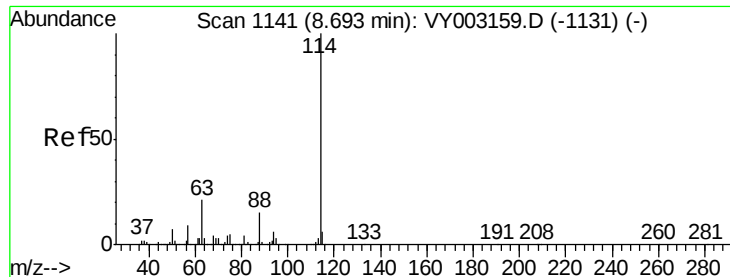
65 100

67 53.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

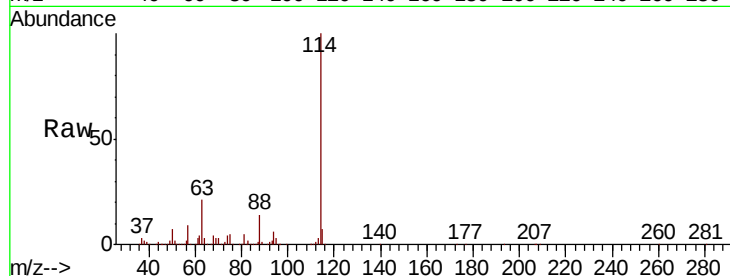




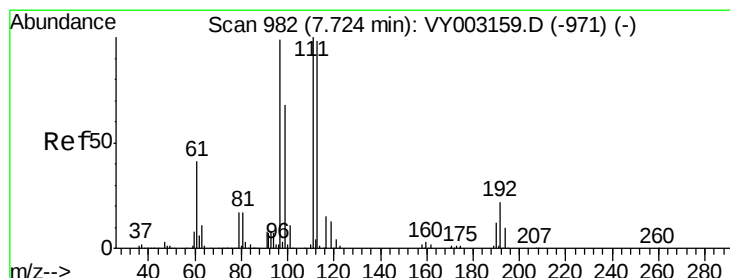
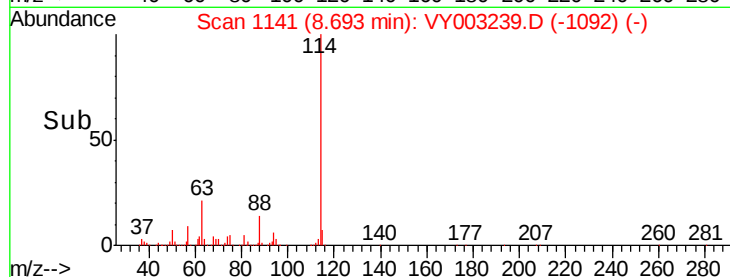
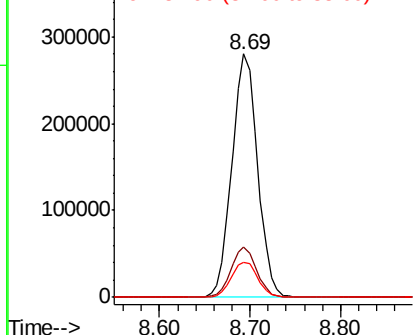
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003239.D
Acq: 20 Jul 2020 18:07

Instrument :
MSVOA_Y
ClientSampleId :
13

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.2
88	14.4	0.0	30.2

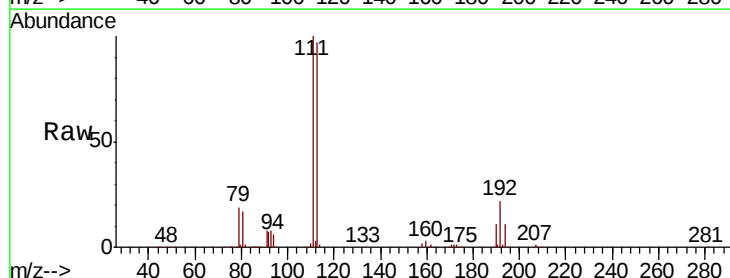


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

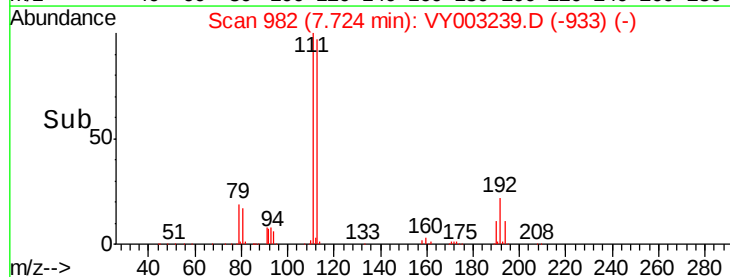
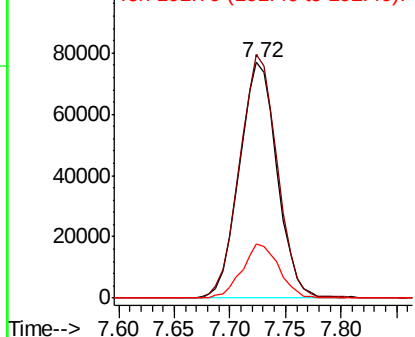


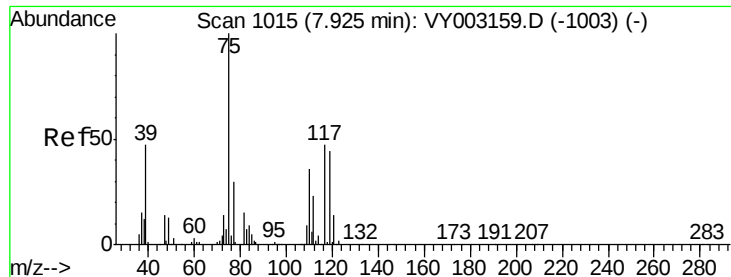
#35
Dibromofluoromethane
Concen: 57.158 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003239.D
Acq: 20 Jul 2020 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
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

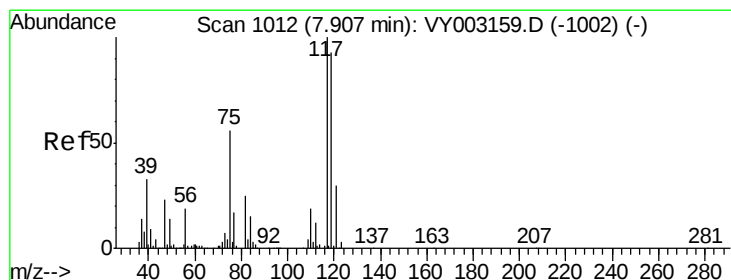
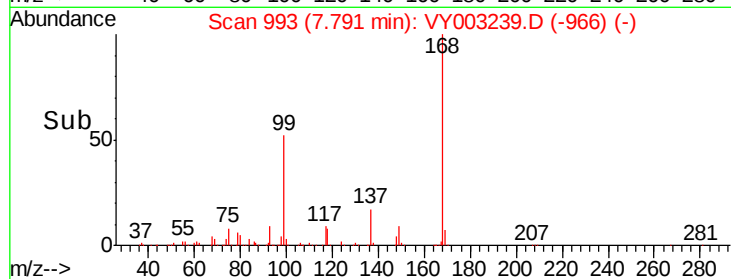
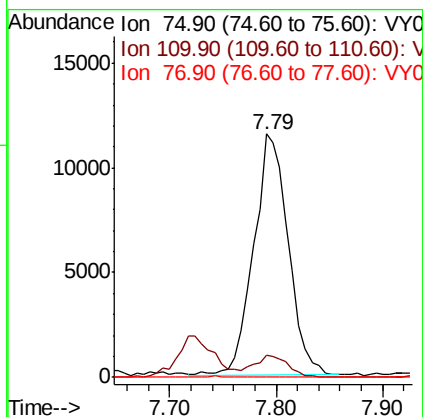
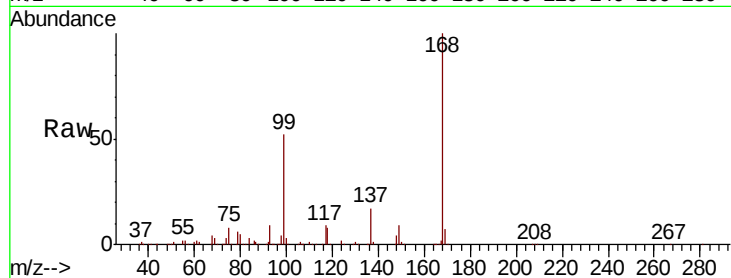




#36
 1,1-Dichloropropene
 Concen: 5.266 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003239.D
 Acq: 20 Jul 2020 18:07

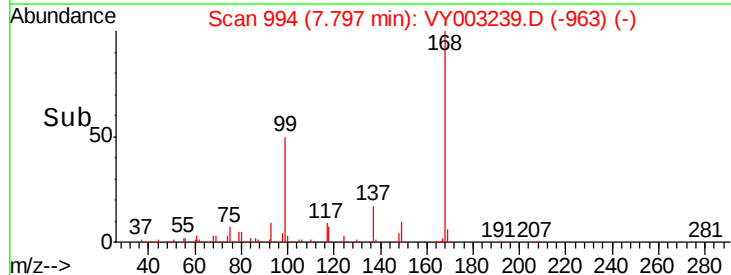
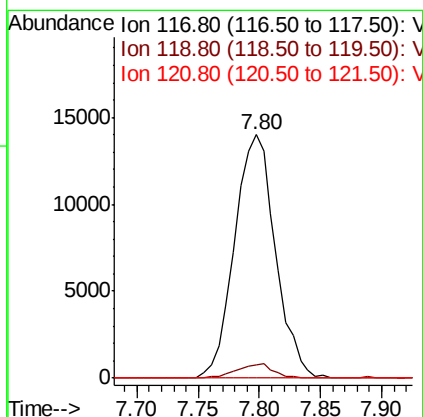
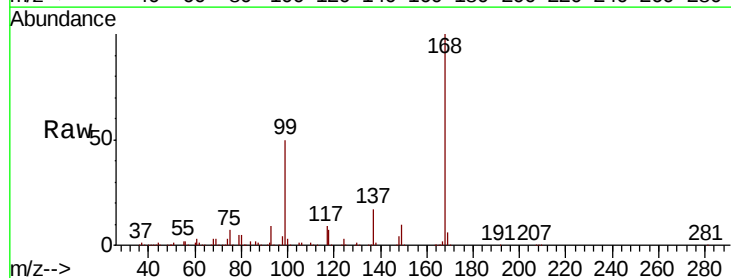
Instrument :
 MSVOA_Y
 ClientSampleId :
 13

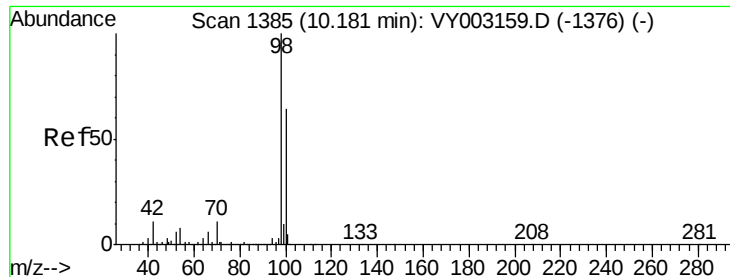
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.289 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003239.D
 Acq: 20 Jul 2020 18:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 55.235 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Instrument :

MSVOA_Y

ClientSampleId :

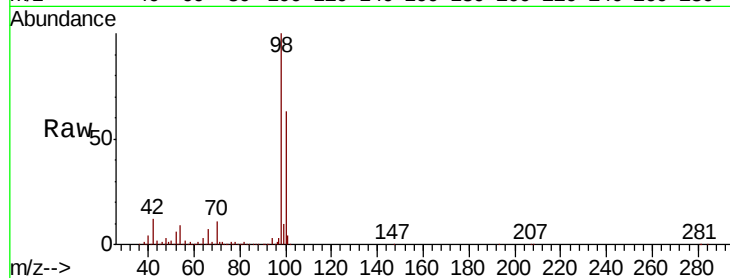
13

Tot Ion: 98 Resp: 650024

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY003159.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY003159.D (-1376) (-)

10.18

400000

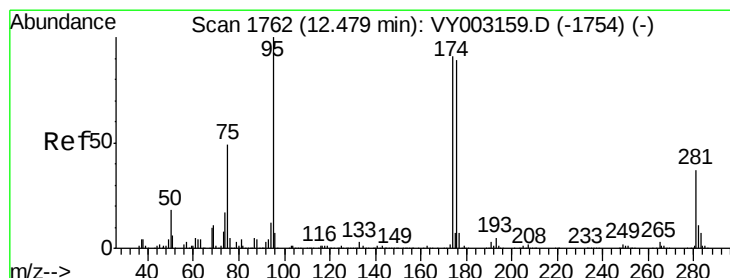
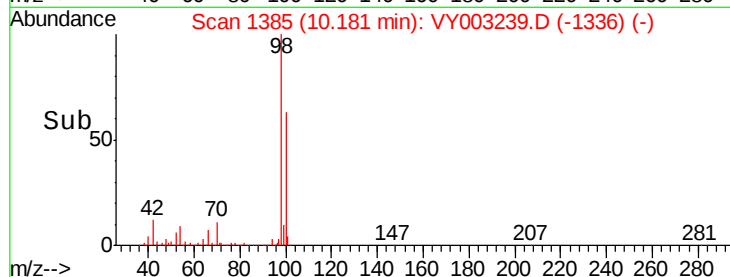
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.586 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

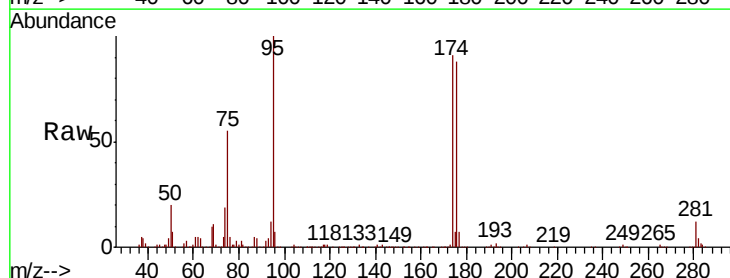
Tgt Ion: 95 Resp: 193804

Ion Ratio Lower Upper

95 100

174 93.6 0.0 190.6

176 92.2 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003159.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003159.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003159.D (-1754) (-)

12.48

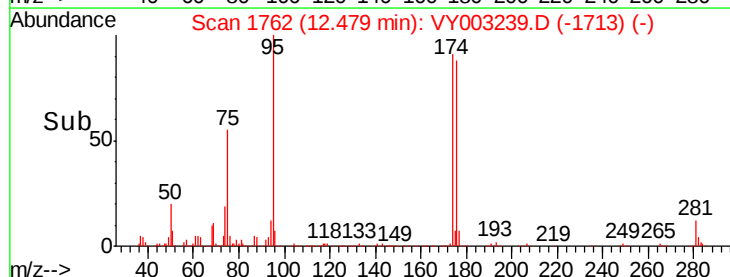
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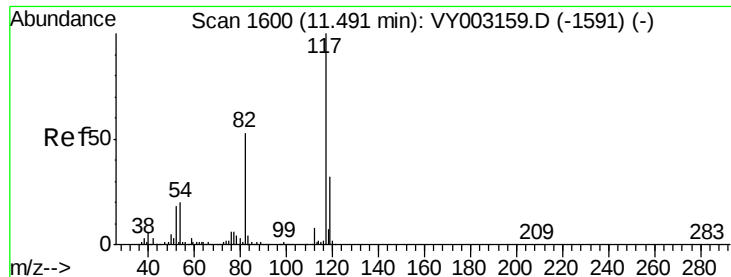
100000

50000

0

Time-->

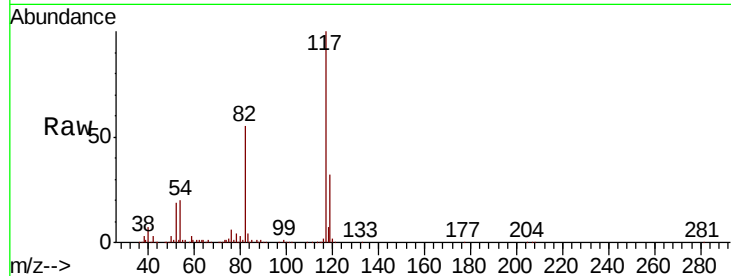




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003239.D
Acq: 20 Jul 2020 18:07

Instrument :
MSVOA_Y
ClientSampleId :
13

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.0	63.0
119	32.5	25.5	38.3

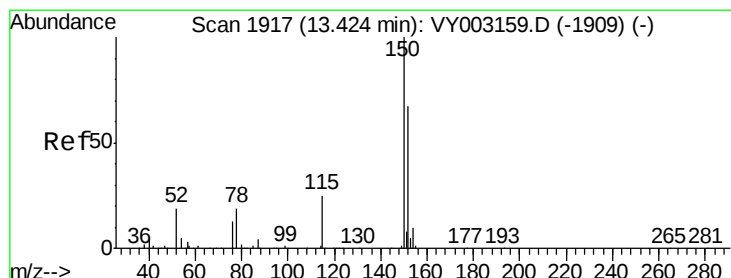
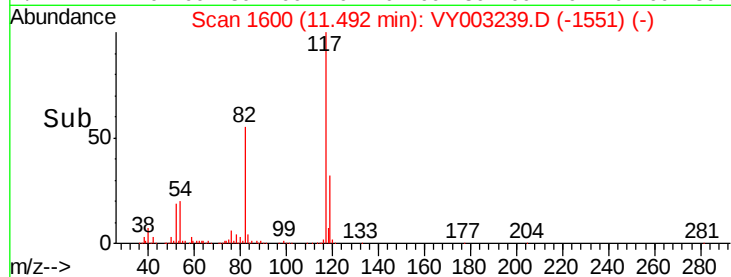
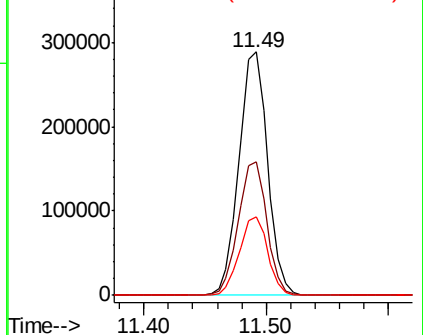


Abundance

Ion 116.90 (116.60 to 117.60): V

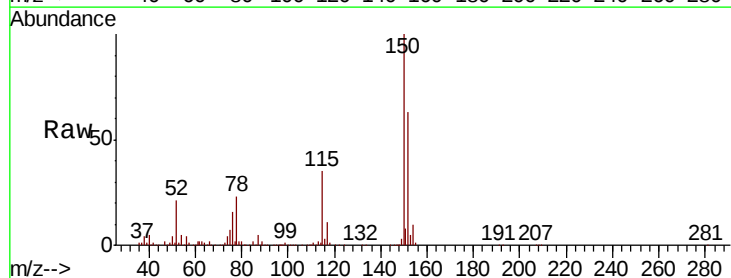
Ion 82.00 (81.70 to 82.70): VY0

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: VY003239.D
Acq: 20 Jul 2020 18:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.7
150	157.4	0.0	338.0

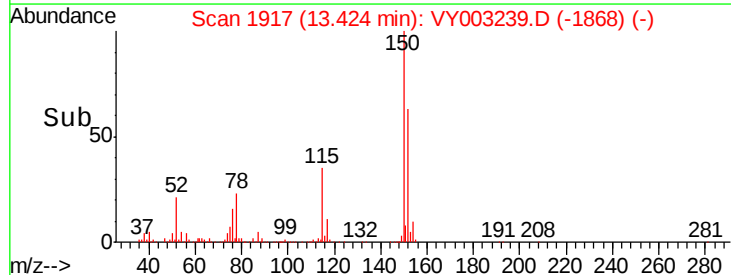
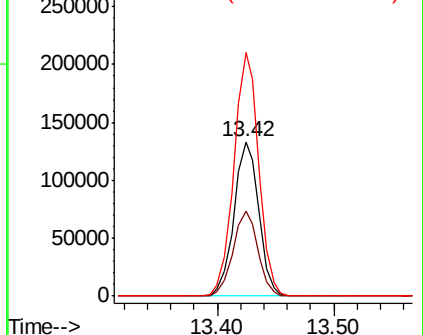


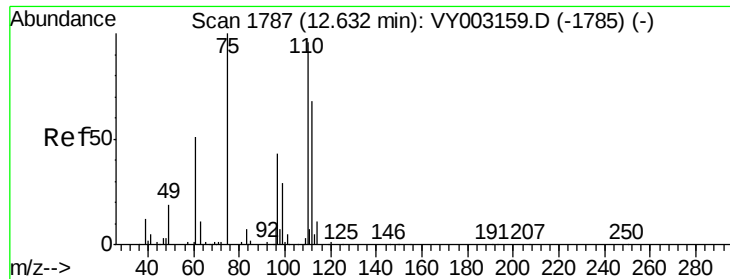
Abundance

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: 59.029 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Instrument :

MSVOA_Y

ClientSampled :

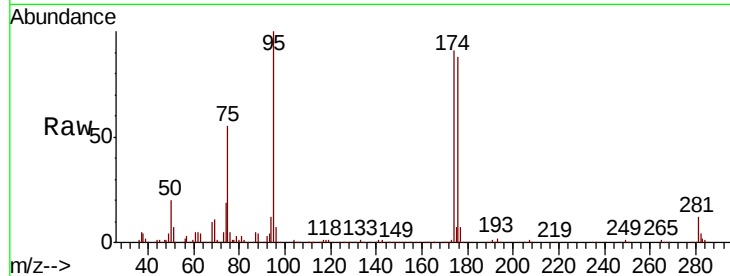
13

Tot Ion: 75 Resp: 103176

Ion Ratio Lower Upper

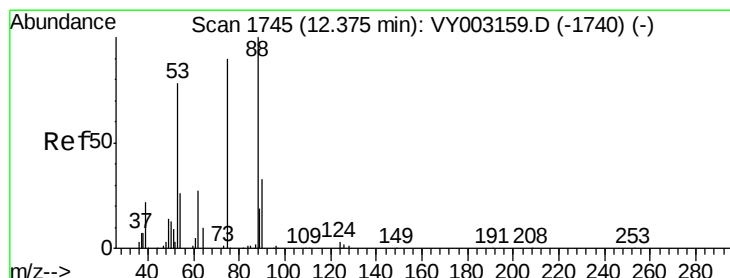
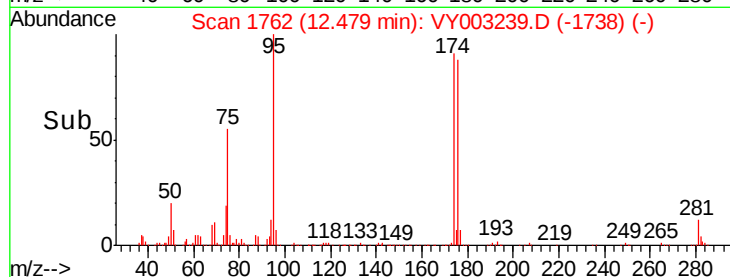
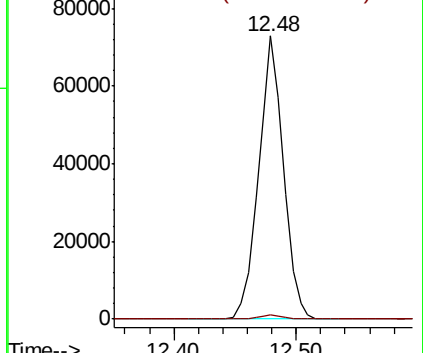
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 114.881 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

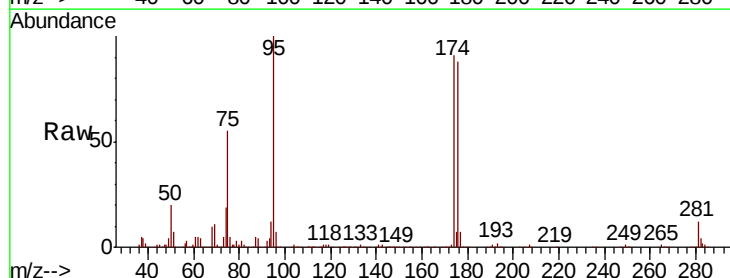
Tgt Ion: 75 Resp: 103176

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.5 37.3 55.9#



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

