

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003236.D
 Acq On : 20 Jul 2020 16:58
 Operator : SY/MD
 Sample : L3308-10RE
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10RE

Quant Time: Jul 21 03:19:11 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

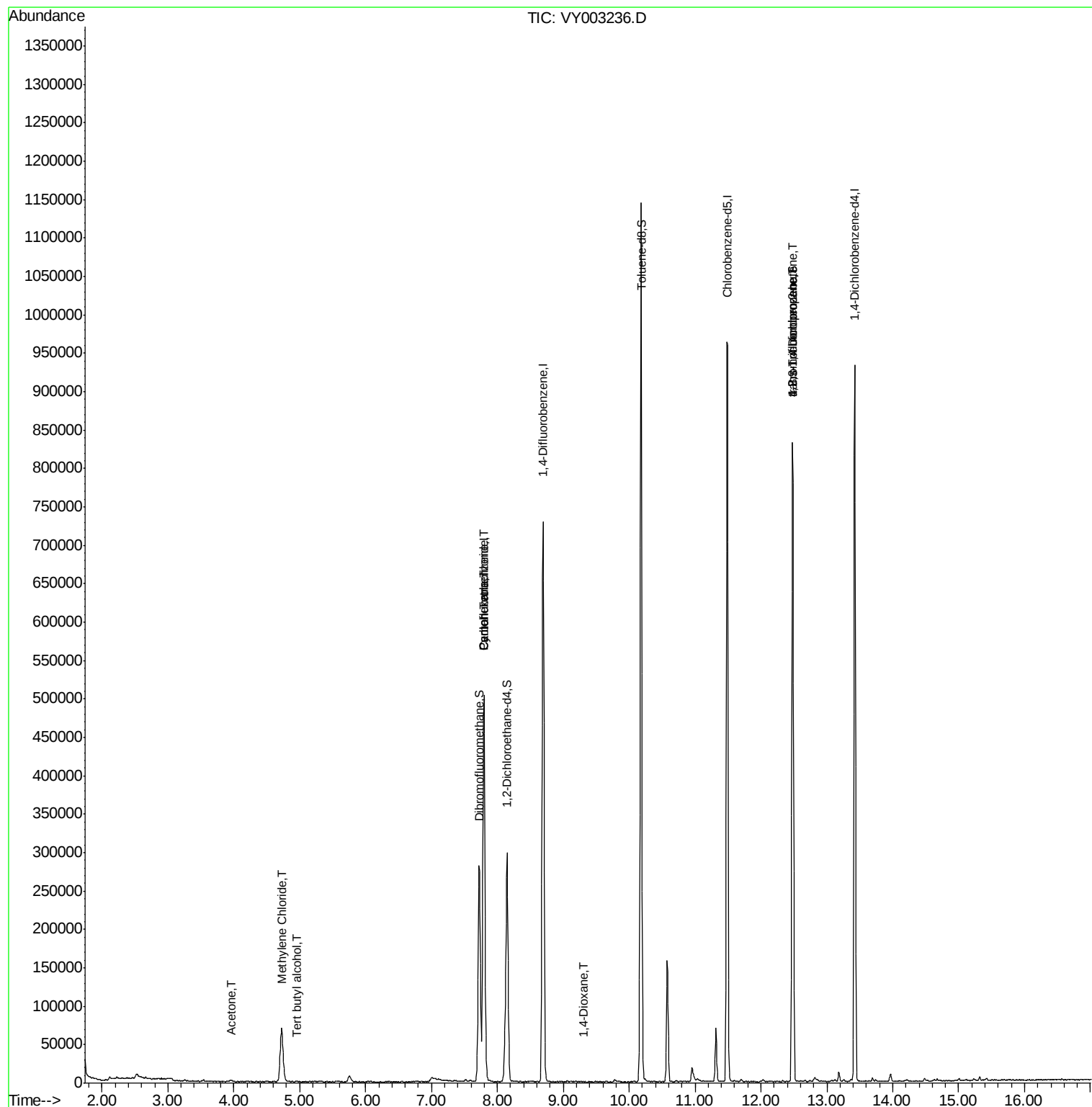
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	409201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	614485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	529396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	239103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	218215	63.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.36%	
35) Dibromofluoromethane	7.72	113	199621	56.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.90%	
50) Toluene-d8	10.18	98	728805	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
62) 4-Bromofluorobenzene	12.48	95	224103	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	1168	3.127	ug/l	98
16) Acetone	3.97	43	3723	4.826	ug/l #	77
20) Methylene Chloride	4.72	84	51769	8.810	ug/l	98
31) Cyclohexane	7.80	56	8242	1.312	ug/l #	14
38) Carbon Tetrachloride	7.80	117	37395	6.504	ug/l #	17
49) 1,4-Dioxane	9.30	88	45	1.530	ug/l #	41
76) 1,2,3-Trichloropropane	12.48	75	119363	56.397	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	119363	109.760	ug/l #	13

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

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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: VY003236.D

Acq: 20 Jul 2020 16:58

Instrument :

MSVOA_Y

ClientSampled :

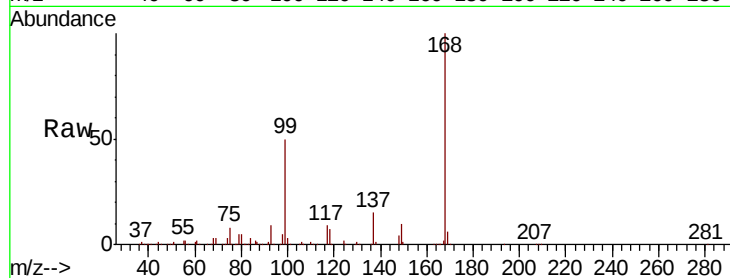
10RE

Tot Ion:168 Resp: 409201

Ion Ratio Lower Upper

168 100

99 49.7 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

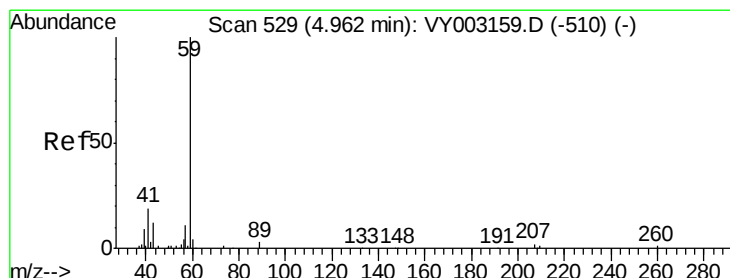
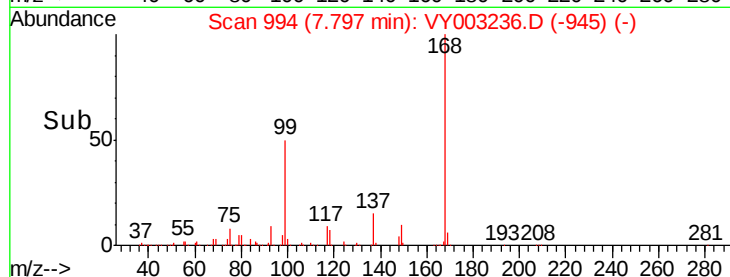
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.127 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY003236.D

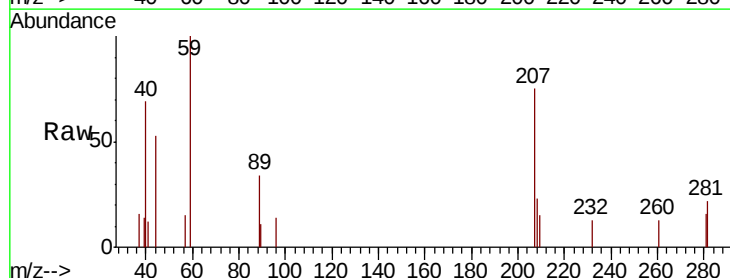
Acq: 20 Jul 2020 16:58

Tgt Ion: 59 Resp: 1168

Ion Ratio Lower Upper

59 100

57 11.3 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) (-)

4.96

500

400

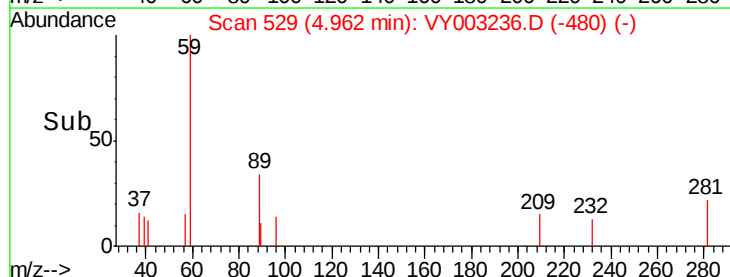
300

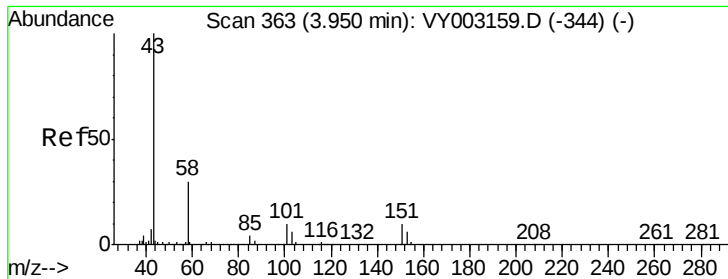
200

100

0

Time-->

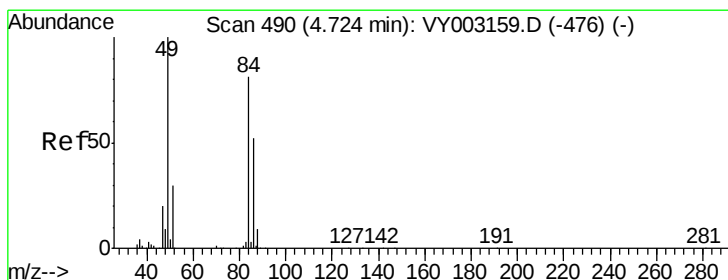
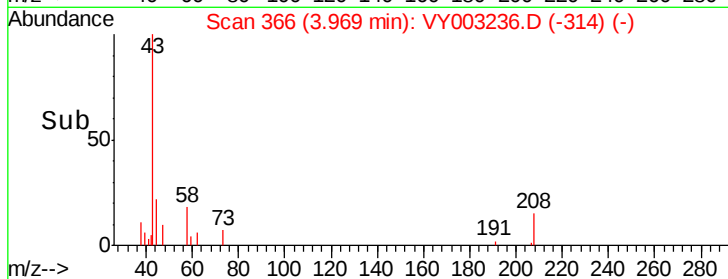
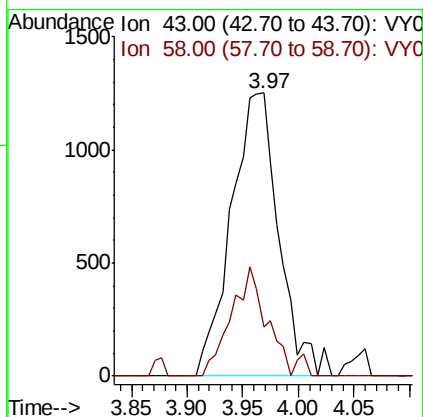
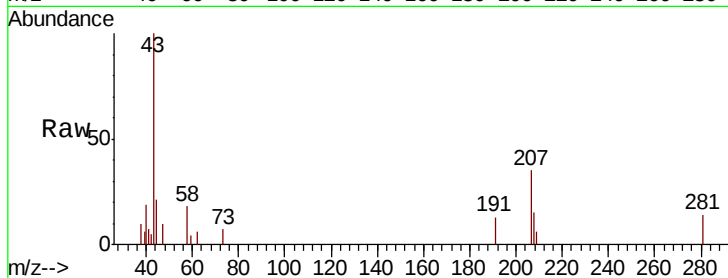




#16
Acetone
Concen: 4.826 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY003236.D
Acq: 20 Jul 2020 16:58

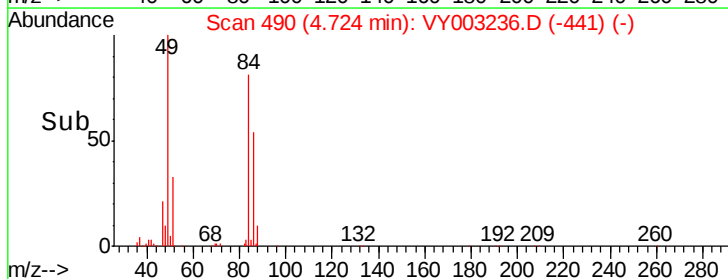
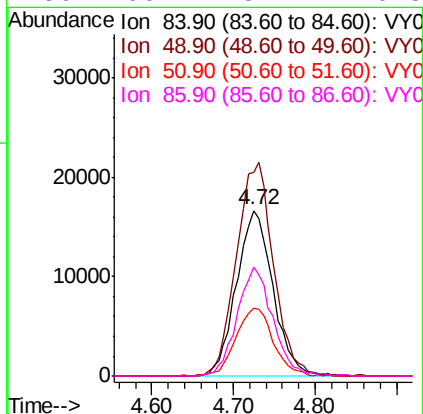
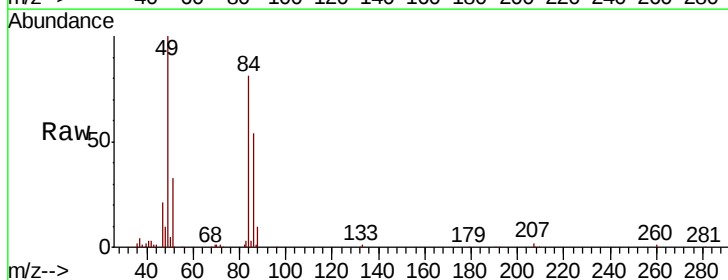
Instrument :
MSVOA_Y
ClientSampled :
10RE

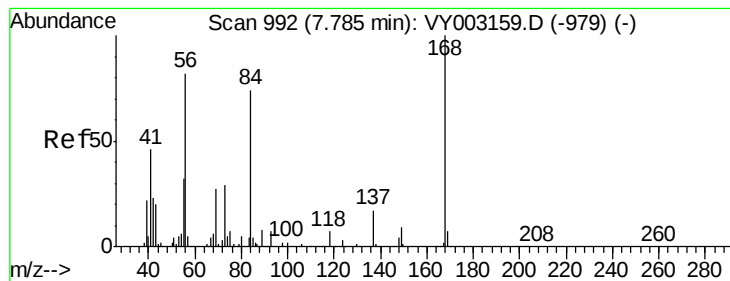
Tot Ion: 43 Resp: 3723
Ion Ratio Lower Upper
43 100
58 17.5 23.8 35.6#



#20
Methylene Chloride
Concen: 8.810 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003236.D
Acq: 20 Jul 2020 16:58

Tgt Ion: 84 Resp: 51769
Ion Ratio Lower Upper
84 100
49 123.4 98.2 147.4
51 41.0 29.8 44.6
86 66.1 51.2 76.8





#31

Cyclohexane

Concen: 1.312 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003236.D

Acq: 20 Jul 2020 16:58

Instrument :

MSVOA_Y

ClientSampleId :

10RE

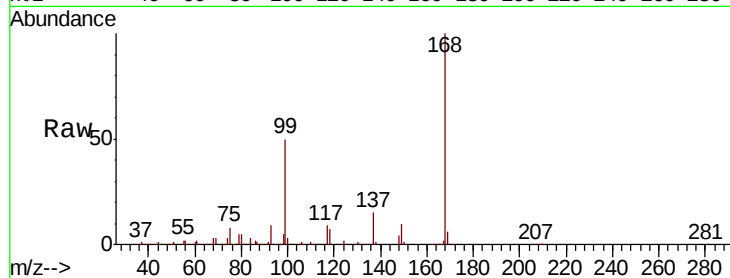
Tot Ion: 56 Resp: 8242

Ion Ratio Lower Upper

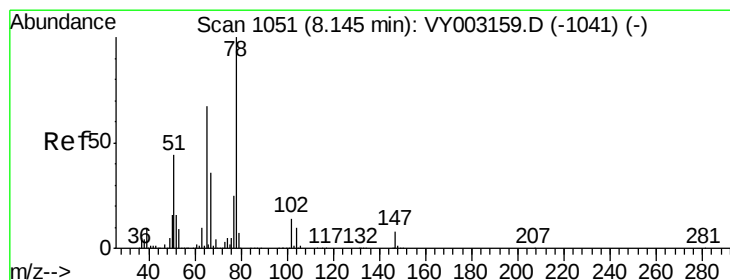
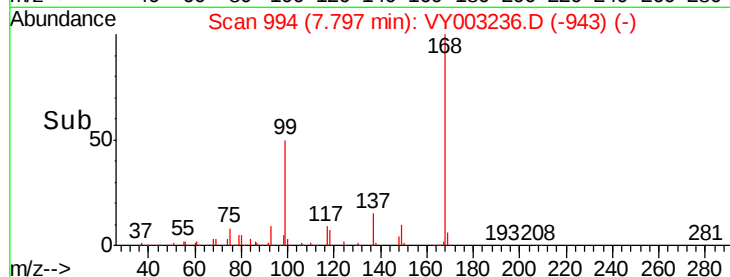
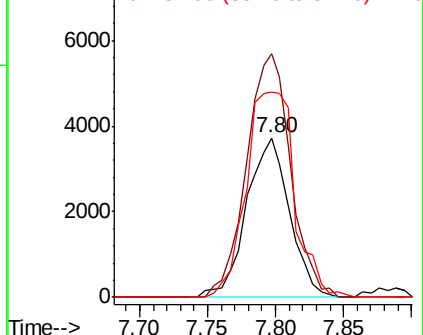
56 100

69 152.7 26.7 40.1#

84 128.7 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: 63.181 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003236.D

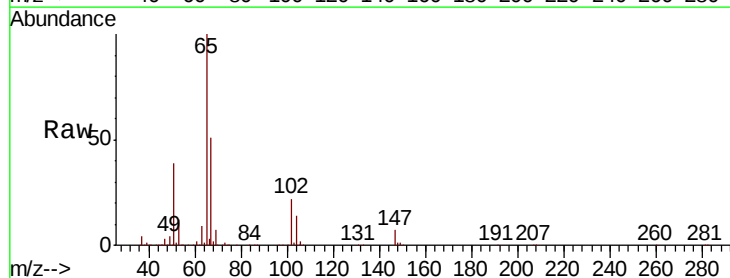
Acq: 20 Jul 2020 16:58

Tgt Ion: 65 Resp: 218215

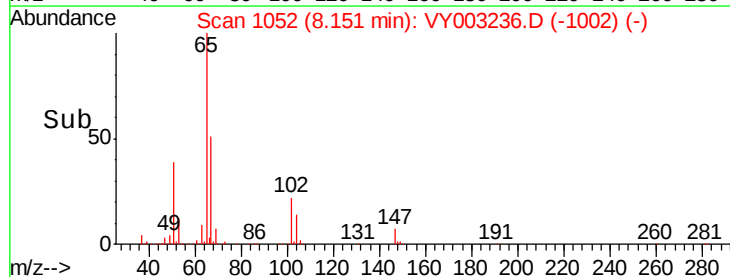
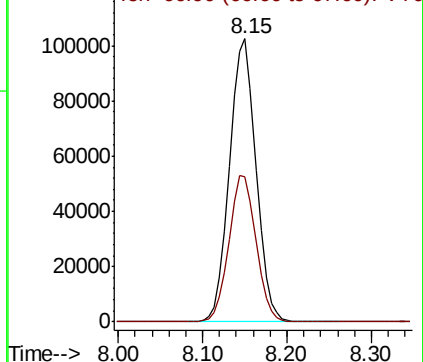
Ion Ratio Lower Upper

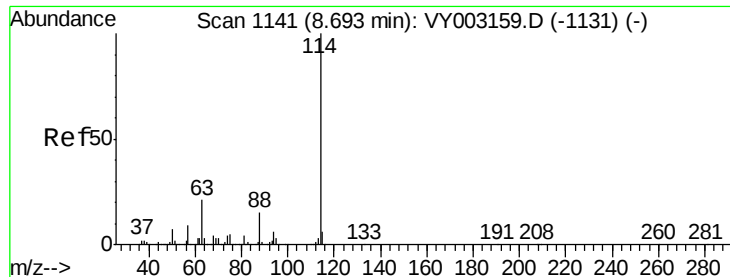
65 100

67 53.0 0.0 105.2



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

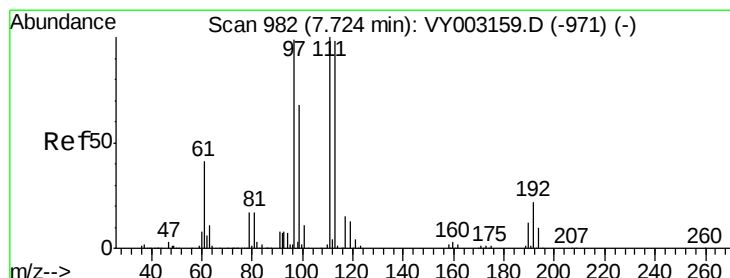
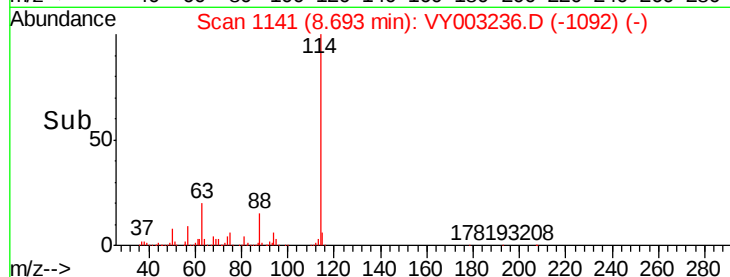
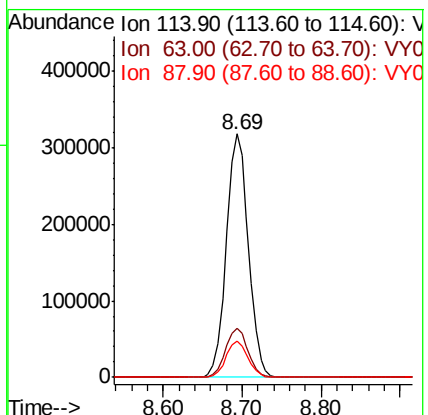
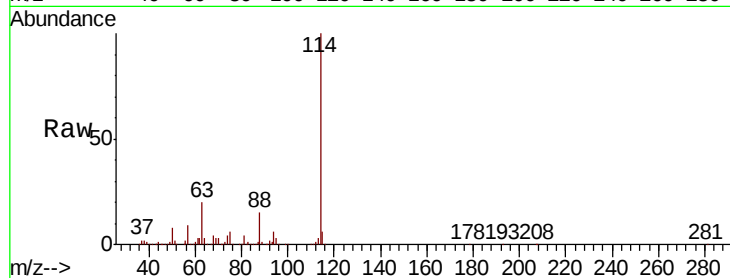




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003236.D
Acq: 20 Jul 2020 16:58

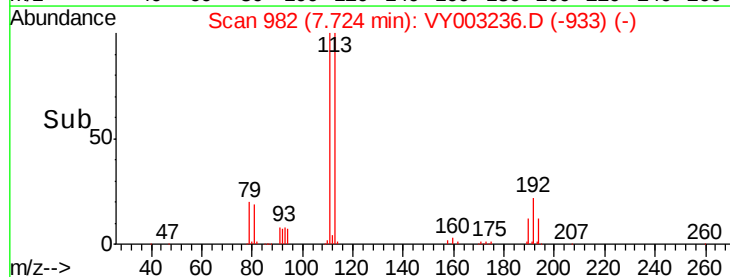
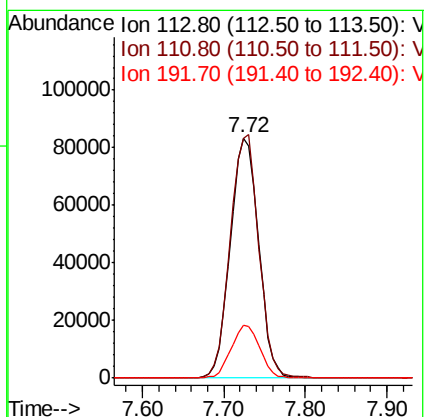
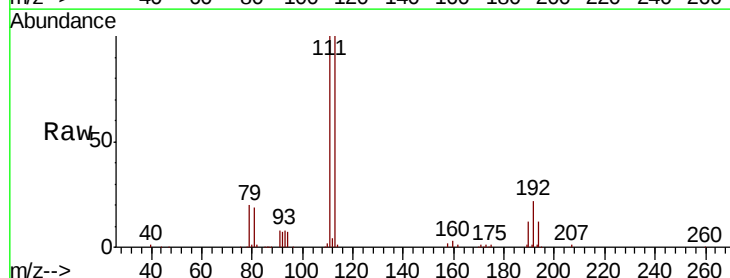
Instrument :
MSVOA_Y
ClientSampleId :
10RE

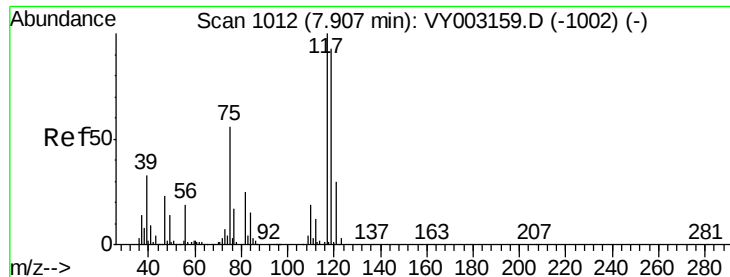
Tot Ion:114 Resp: 614485
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.2
88 14.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 56.450 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003236.D
Acq: 20 Jul 2020 16:58

Tgt Ion:113 Resp: 199621
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 22.0 18.8 28.2





#38

Carbon Tetrachloride

Concen: 6.504 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003236.D

Acq: 20 Jul 2020 16:58

Instrument :

MSVOA_Y

ClientSampled :

10RE

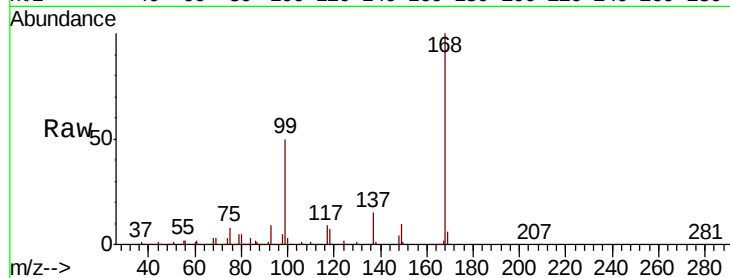
Tot Ion:117 Resp: 37395

Ion Ratio Lower Upper

117 100

119 4.8 74.5 111.7#

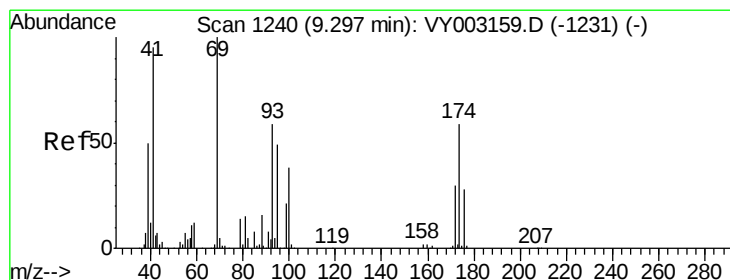
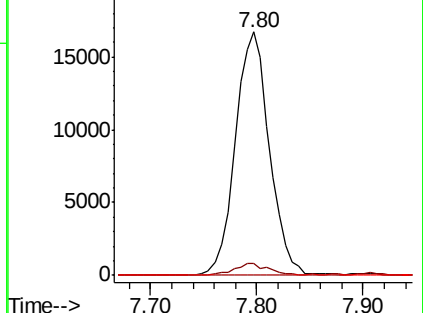
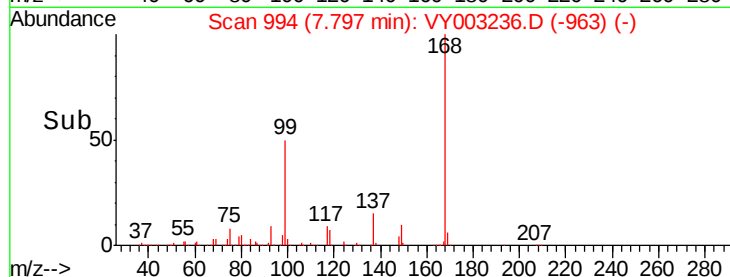
121 0.0 24.2 36.2#



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: 1.530 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY003236.D

Acq: 20 Jul 2020 16:58

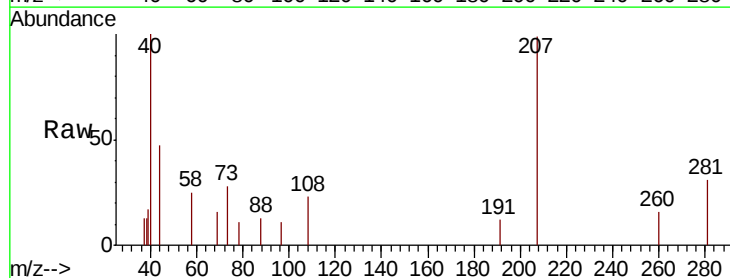
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 0.0 25.6 38.4#

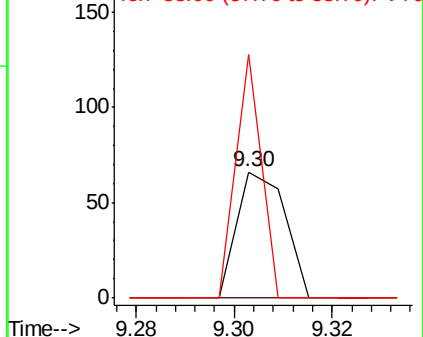
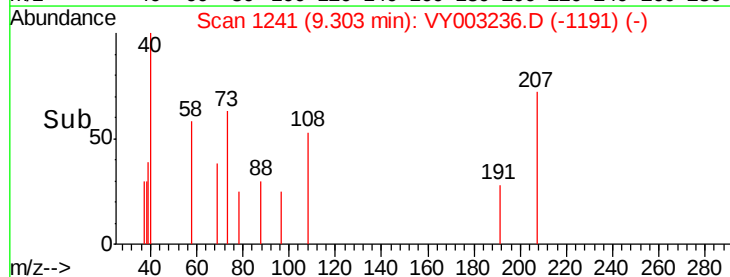
58 104.4 47.8 71.6#

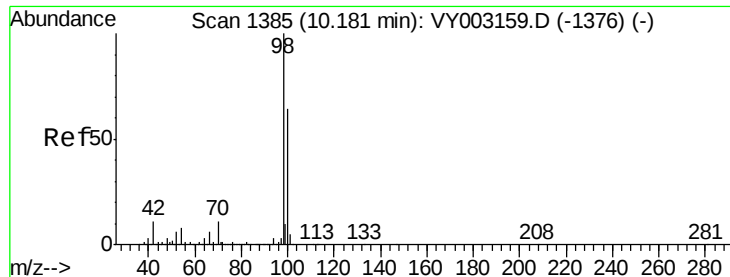


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 55.435 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003236.D

Acq: 20 Jul 2020 16:58

Instrument :

MSVOA_Y

ClientSampleId :

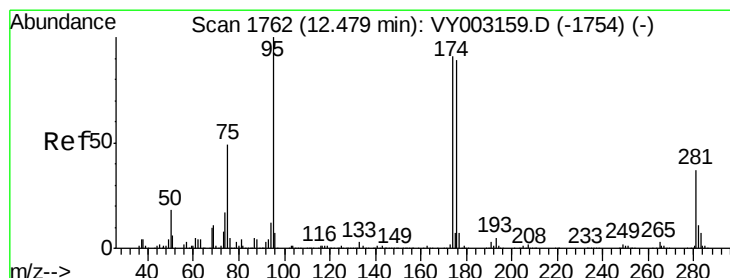
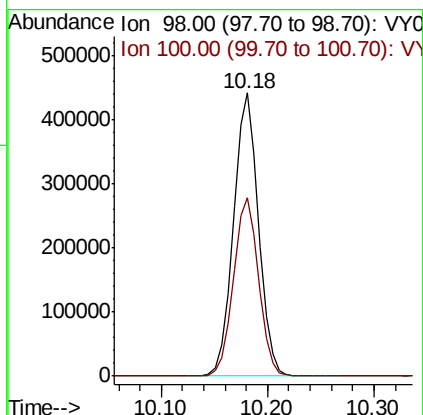
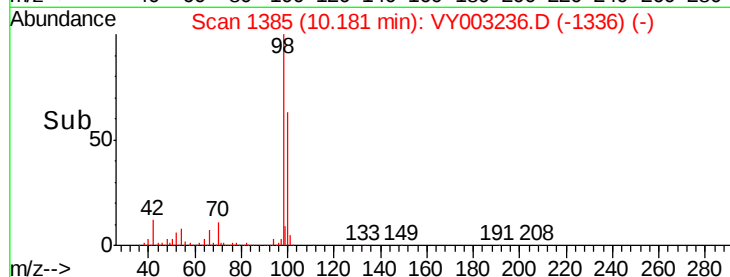
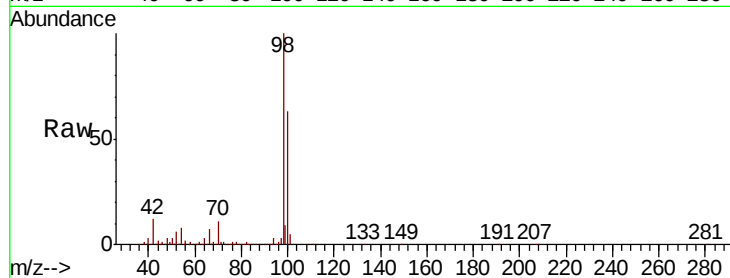
10RE

Tot Ion: 98 Resp: 728805

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 47.184 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003236.D

Acq: 20 Jul 2020 16:58

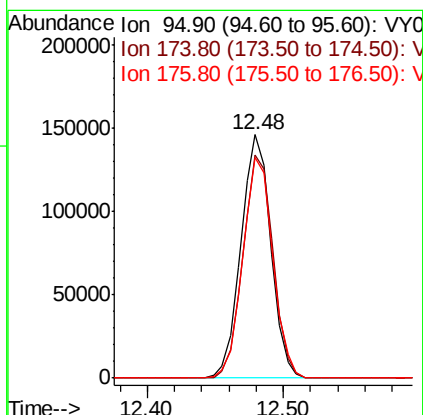
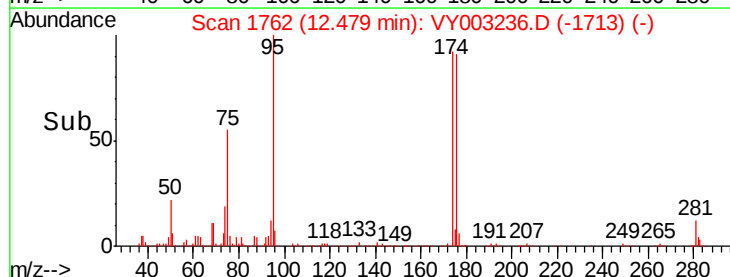
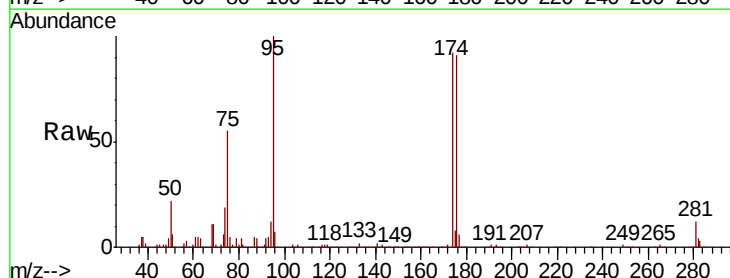
Tgt Ion: 95 Resp: 224103

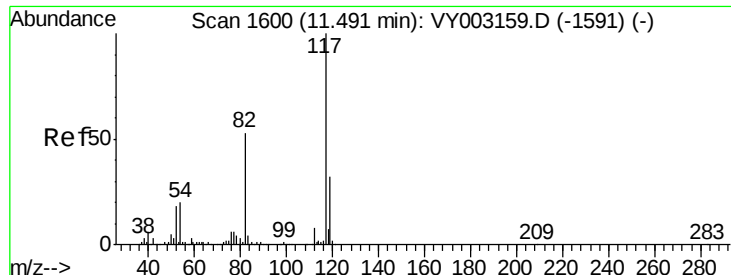
Ion Ratio Lower Upper

95 100

174 92.6 0.0 190.6

176 91.4 0.0 186.4

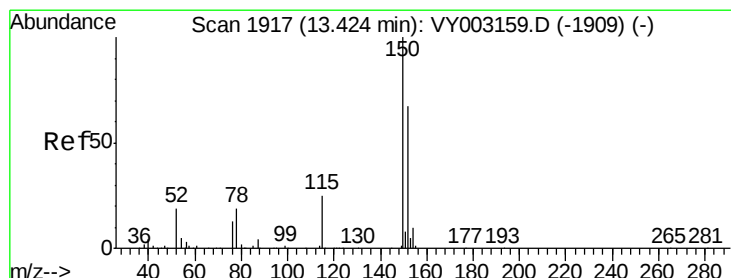
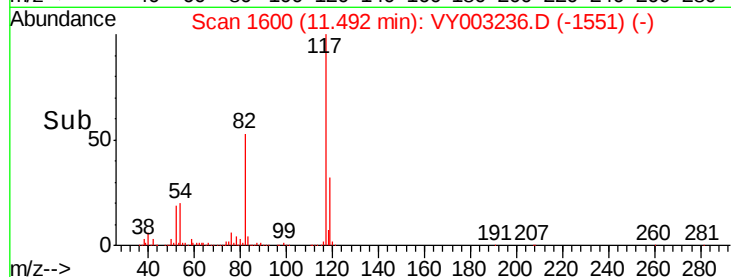
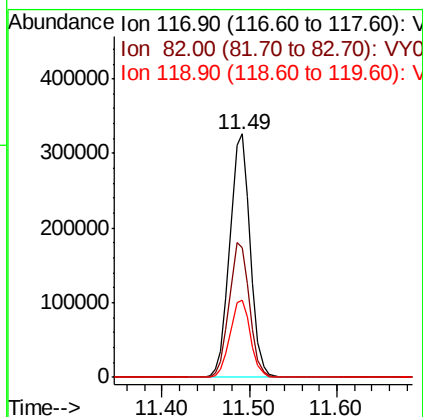
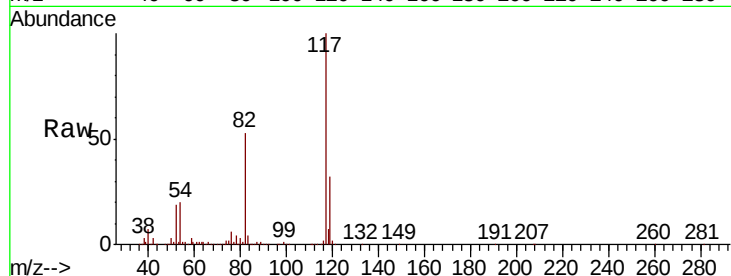




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003236.D
Acq: 20 Jul 2020 16:58

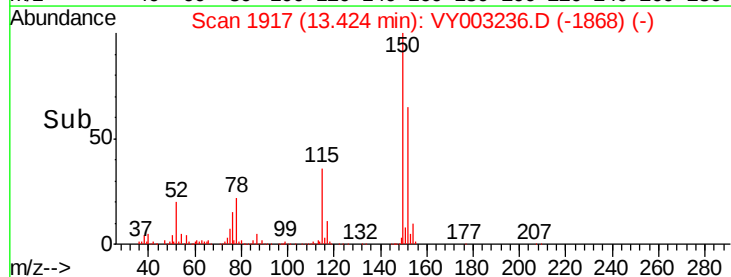
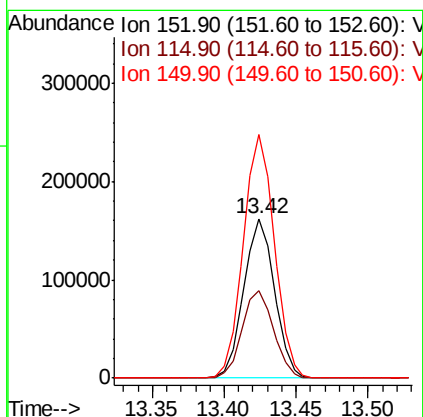
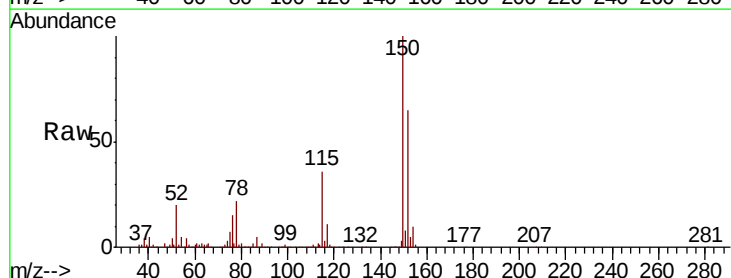
Instrument :
MSVOA_Y
ClientSampleId :
10RE

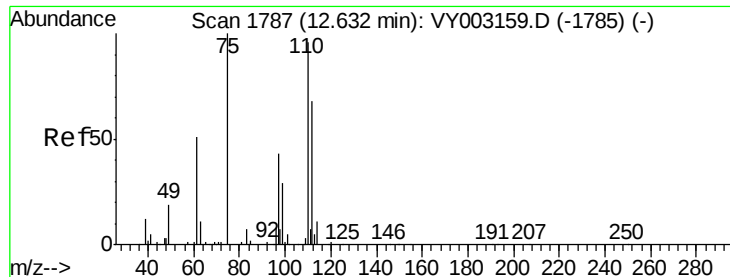
Tot Ion:117 Resp: 529396
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003236.D
Acq: 20 Jul 2020 16:58

Tgt Ion:152 Resp: 239103
Ion Ratio Lower Upper
152 100
115 56.1 26.9 80.7
150 154.9 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 56.397 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003236.D

Acq: 20 Jul 2020 16:58

Instrument :

MSVOA_Y

ClientSampleId :

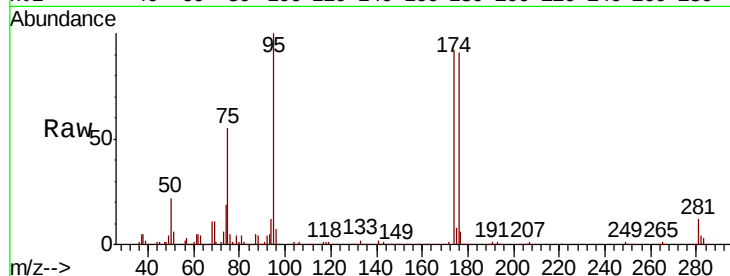
10RE

Tot Ion: 75 Resp: 119363

Ion Ratio Lower Upper

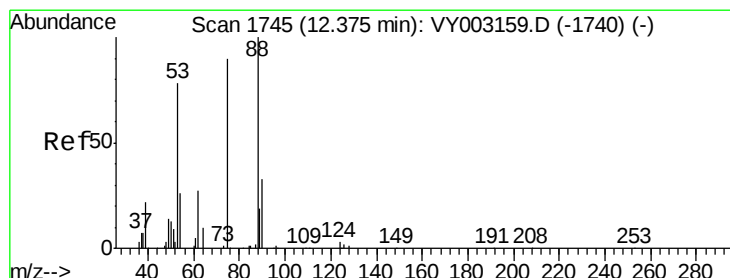
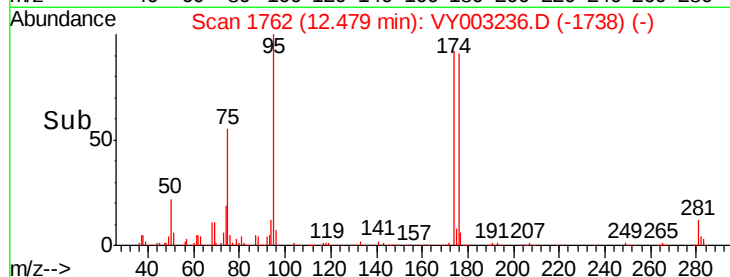
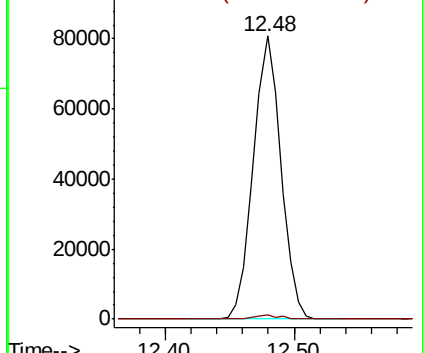
75 100

77 1.5 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: 109.760 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003236.D

Acq: 20 Jul 2020 16:58

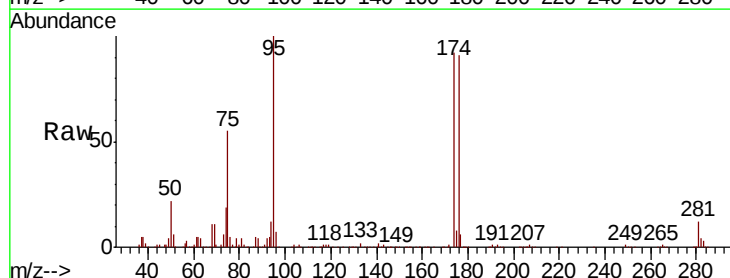
Tgt Ion: 75 Resp: 119363

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.3 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

