

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002851.D
 Acq On : 05 Jun 2020 16:14
 Operator : SY/MD
 Sample : L2890-07
 Misc : 7.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26572-25062-251686

Quant Time: Jun 06 07:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

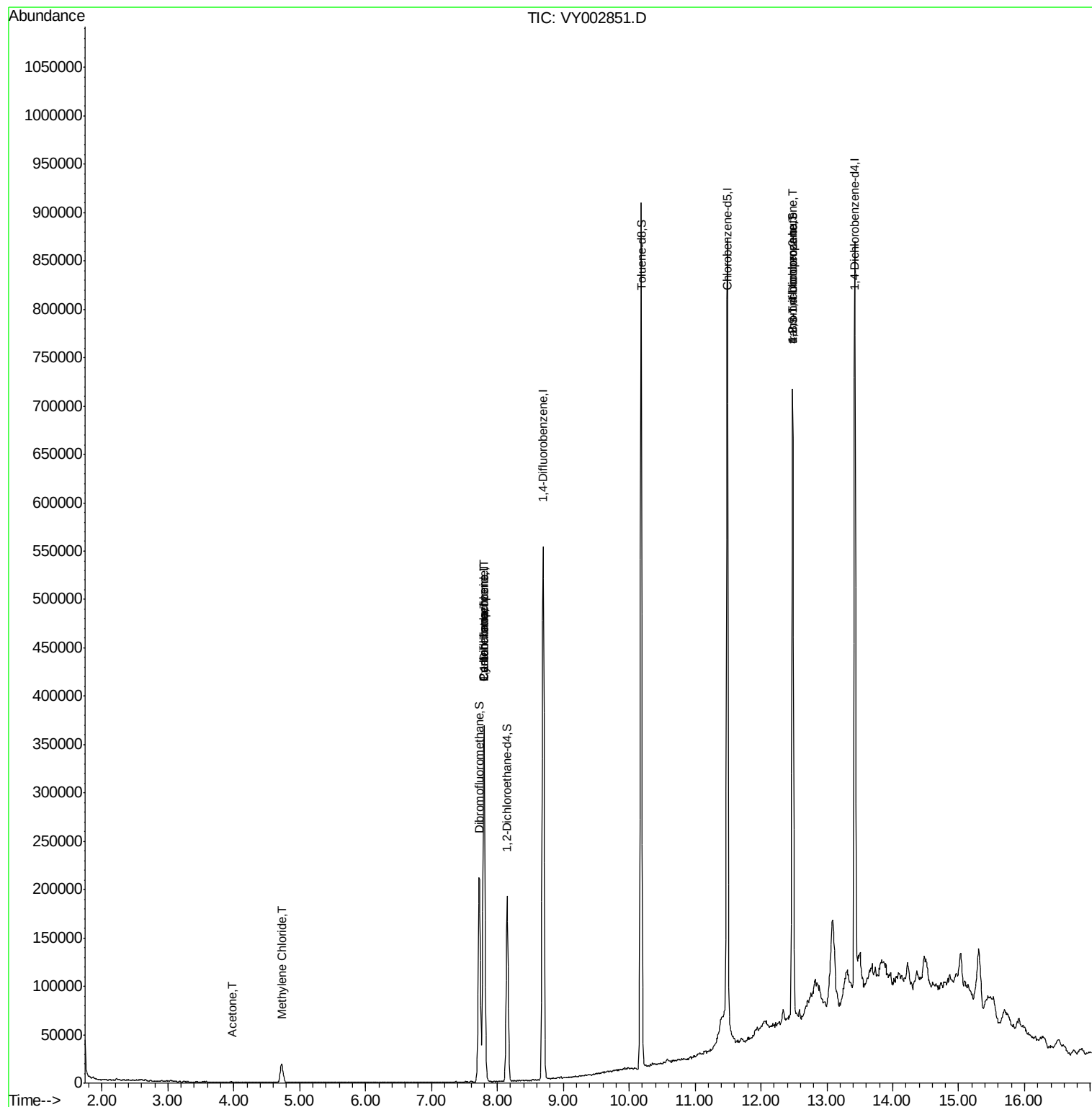
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	309019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	504833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	214662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147751	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	7.73	113	153751	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.18	98	603813	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	198850	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
Target Compounds						
11) Tert butyl alcohol	4.96	59	23	Below Cal	#	74
16) Acetone	3.97	43	849	1.349	ug/l	98
18) Methyl Acetate	4.50	43	523	Below Cal	#	48
20) Methylene Chloride	4.72	84	15233	4.954	ug/l	99
31) Cyclohexane	7.80	56	4798	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	19764	4.648	ug/l #	49
38) Carbon Tetrachloride	7.80	117	28225	5.975	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	93313	48.243	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93313	90.889	ug/l #	17

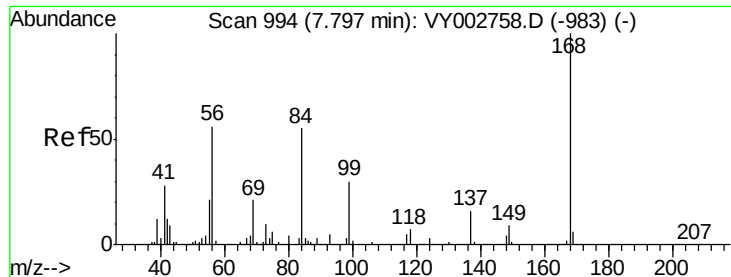
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

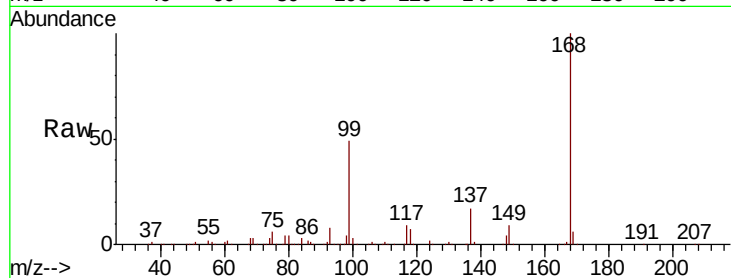
26572-25062-251686

Tot Ion:168 Resp: 309019

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

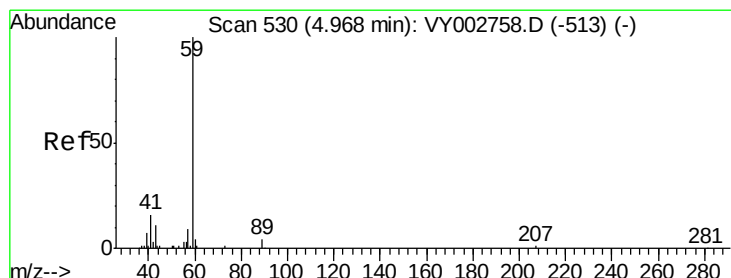
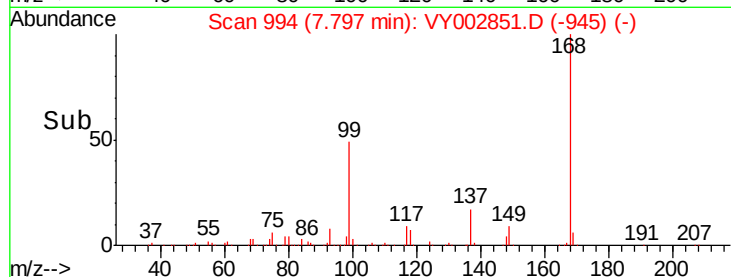
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002851.D

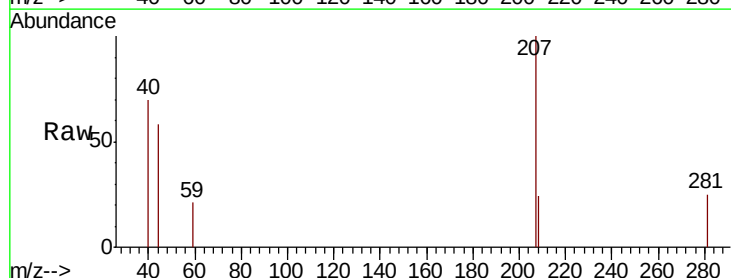
Acq: 05 Jun 2020 16:14

Tgt Ion: 59 Resp: 23

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)

4.96

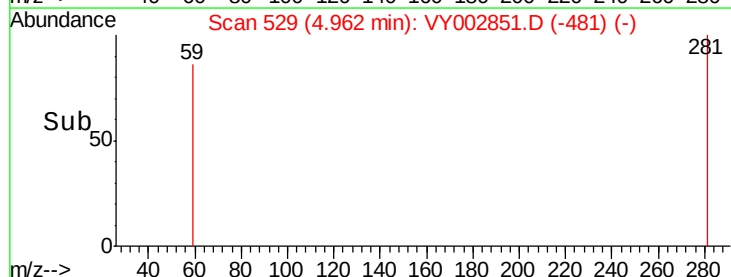
60

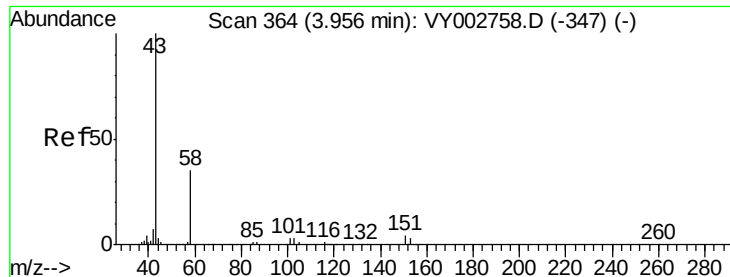
40

20

0

Time-->





#16

Acetone

Concen: 1.349 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

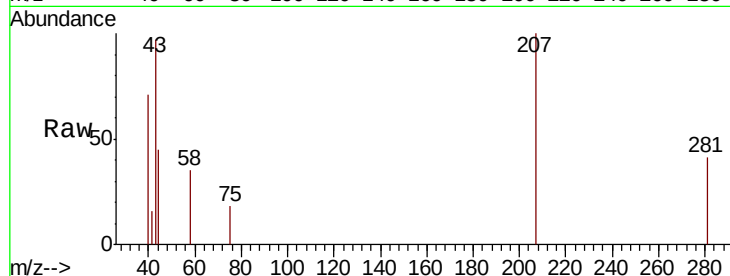
26572-25062-251686

Tot Ion: 43 Resp: 849

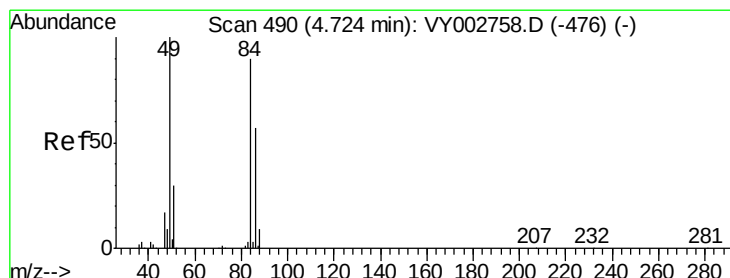
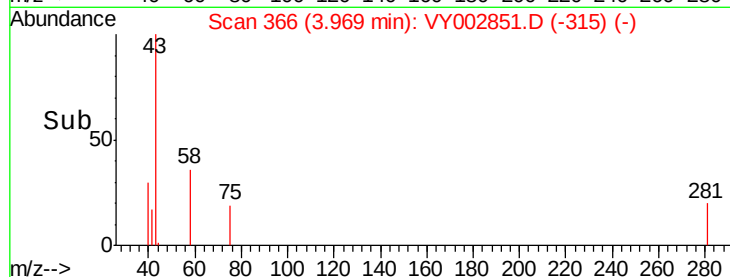
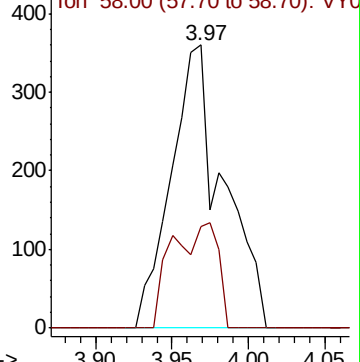
Ion Ratio Lower Upper

43 100

58 35.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-347) (-)



#20

Methylene Chloride

Concen: 4.954 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

Tgt Ion: 84 Resp: 15233

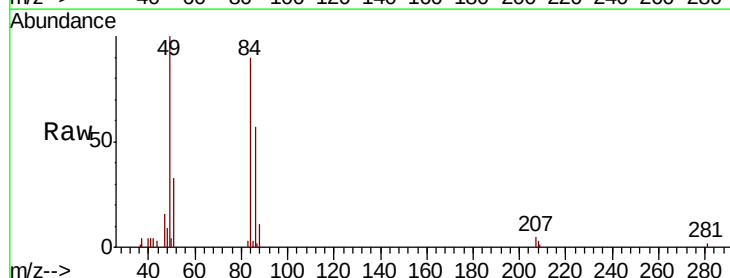
Ion Ratio Lower Upper

84 100

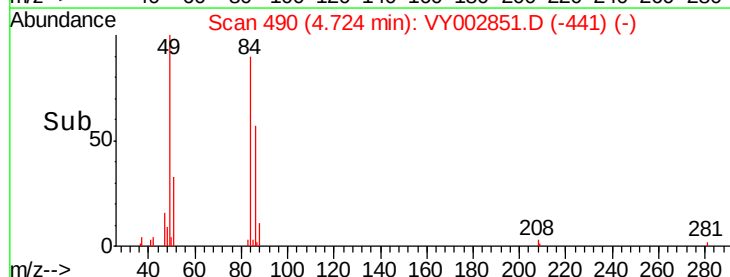
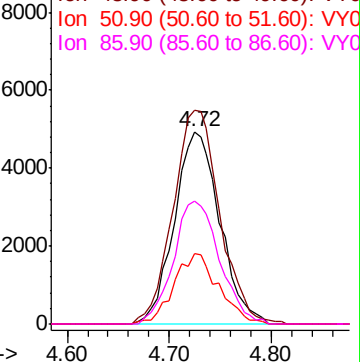
49 111.0 88.5 132.7

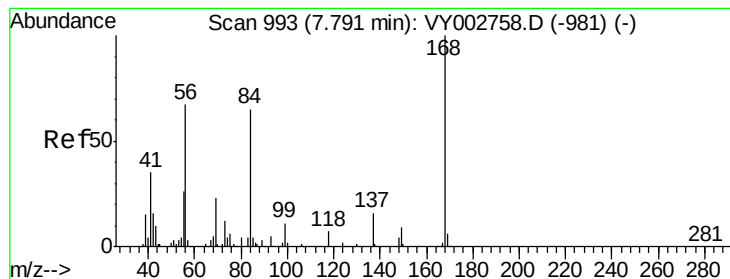
51 36.5 26.8 40.2

86 63.6 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002758.D (-476) (-)





#31

Cyclohexane

Concen: 1.054 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

26572-25062-251686

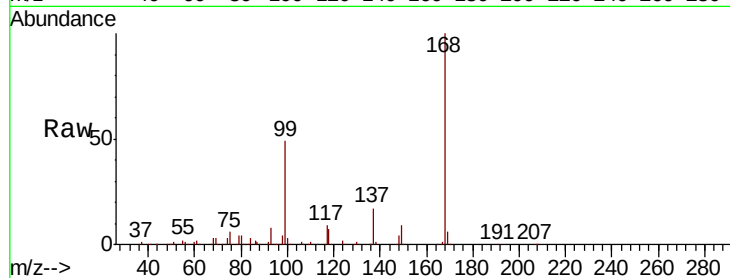
Tot Ion: 56 Resp: 4798

Ion Ratio Lower Upper

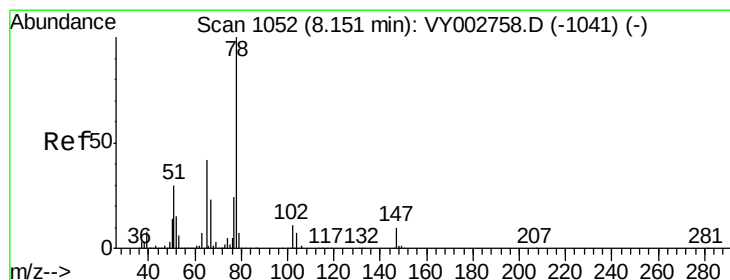
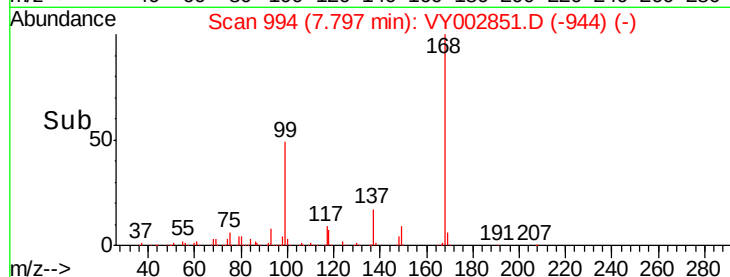
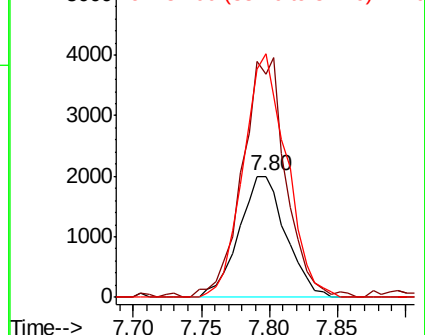
56 100

69 184.8 28.0 42.0#

84 201.7 77.7 116.5#



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: 55.066 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002851.D

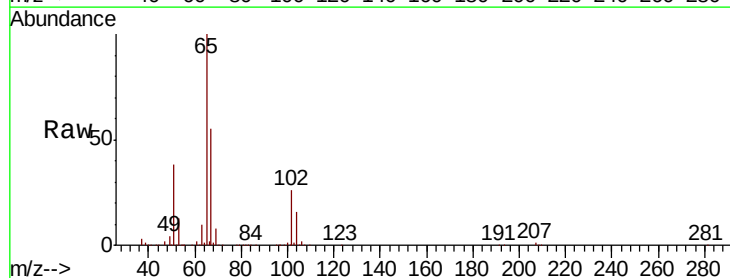
Acq: 05 Jun 2020 16:14

Tgt Ion: 65 Resp: 147751

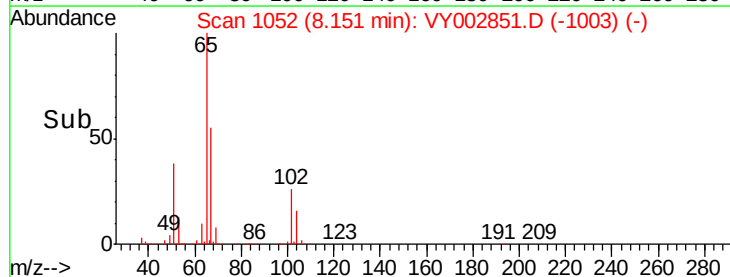
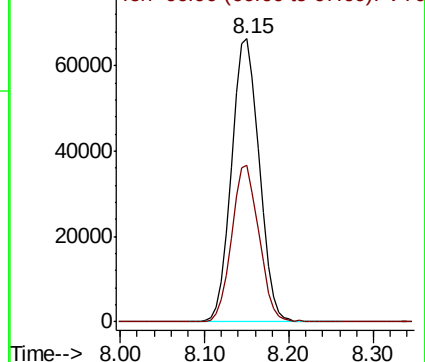
Ion Ratio Lower Upper

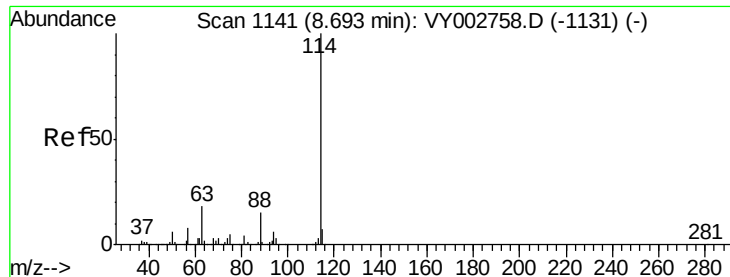
65 100

67 54.6 0.0 111.0



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

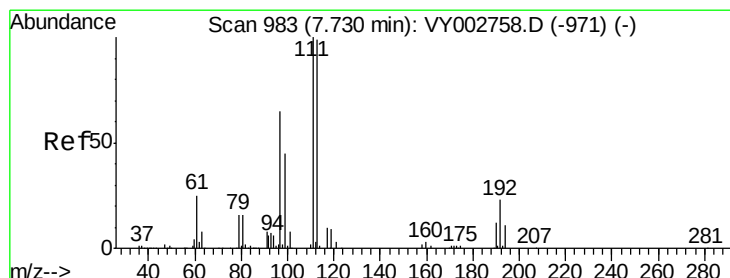
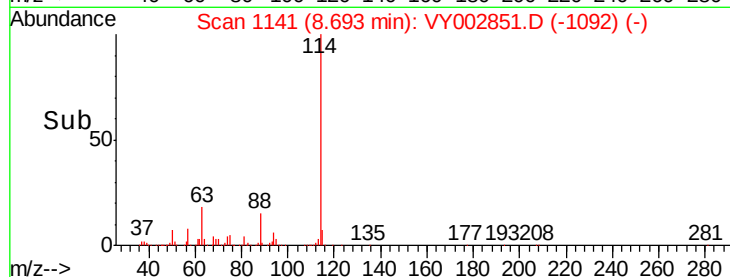
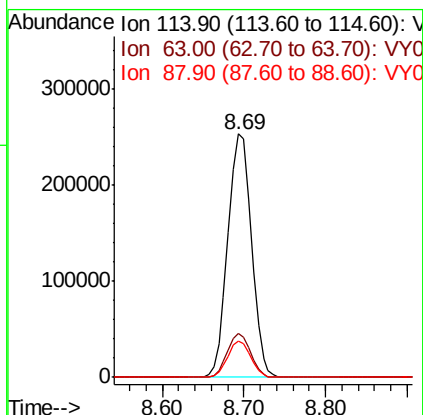
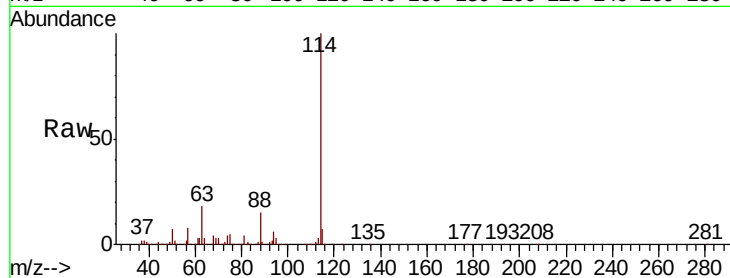




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002851.D
Acq: 05 Jun 2020 16:14

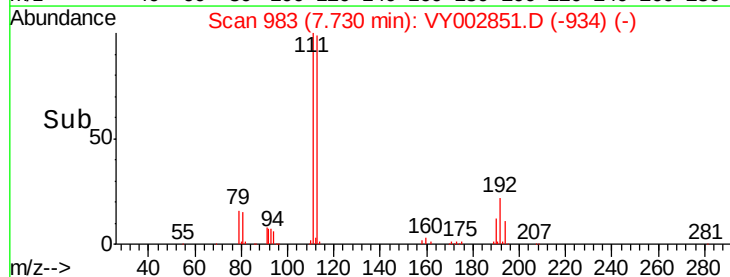
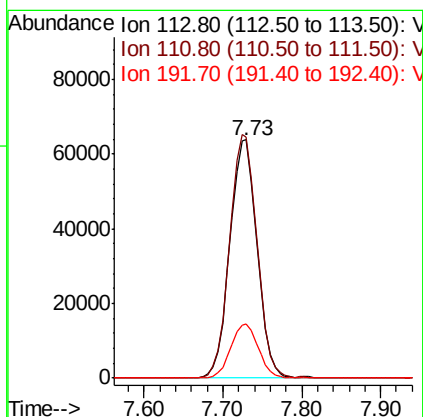
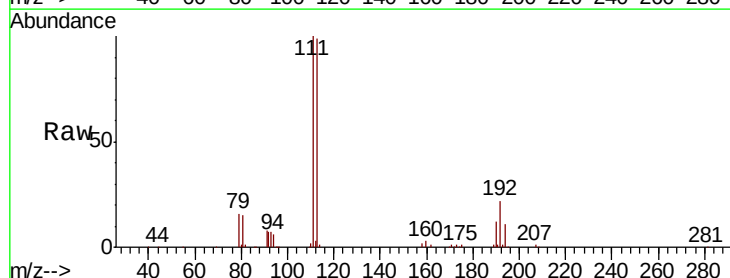
Instrument :
MSVOA_Y
ClientSampleId :
26572-25062-251686

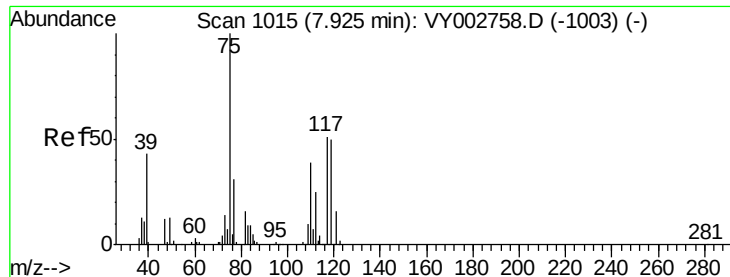
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.2
88	15.1	0.0	29.2



#35
Dibromofluoromethane
Concen: 51.968 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY002851.D
Acq: 05 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	22.9	18.9	28.3





#36

1,1-Dichloropropene

Concen: 4.648 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

26572-25062-251686

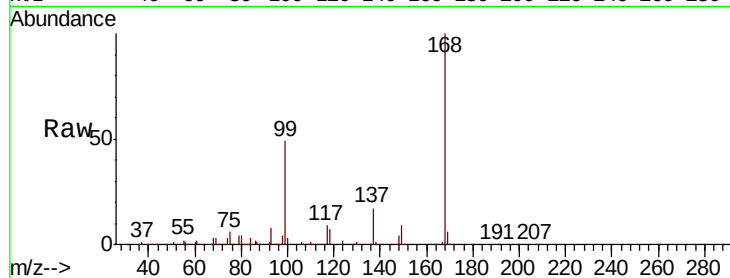
Tot Ion: 75 Resp: 19764

Ion Ratio Lower Upper

75 100

110 9.8 19.3 57.9#

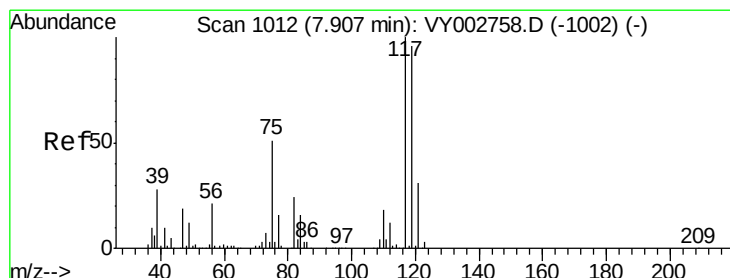
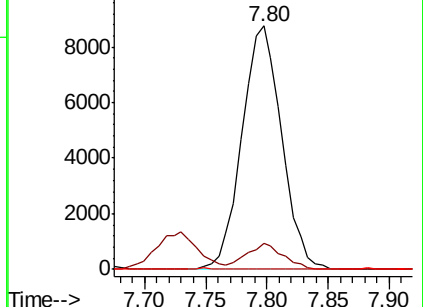
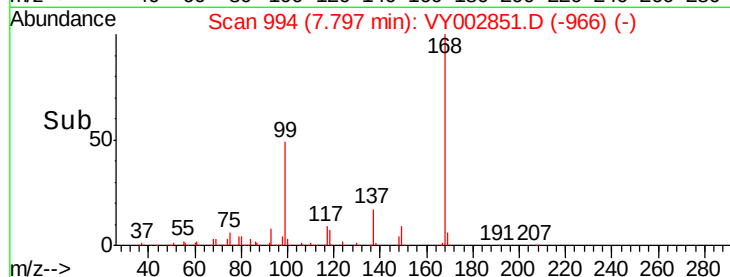
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY002851.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY002851.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY002851.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 5.975 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

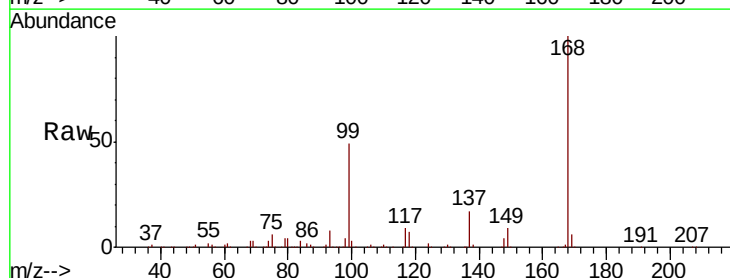
Tgt Ion: 117 Resp: 28225

Ion Ratio Lower Upper

117 100

119 4.6 76.8 115.2#

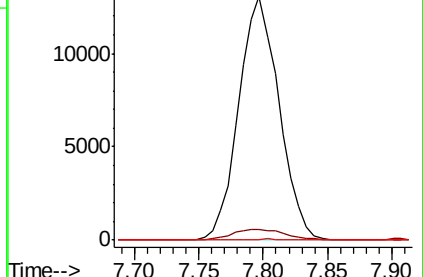
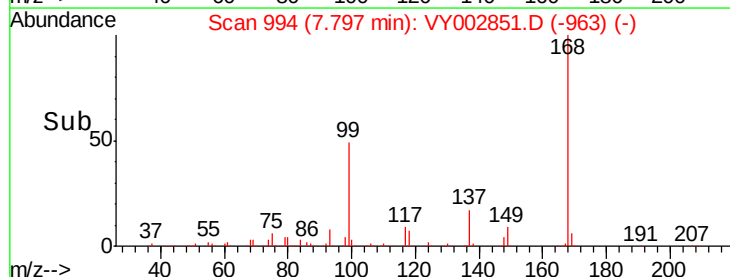
121 0.0 24.8 37.2#

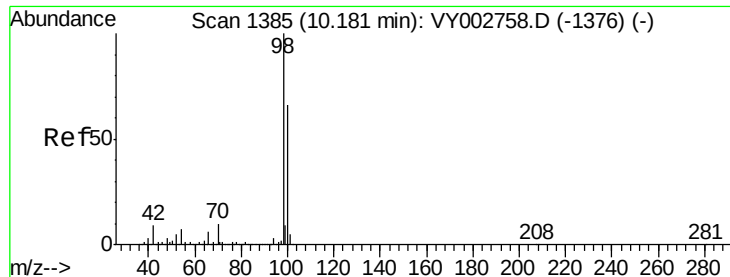


Abundance Ion 116.80 (116.50 to 117.50): VY002851.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY002851.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002851.D (-963) (-)





#50

Toluene-d8

Concen: 50.476 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

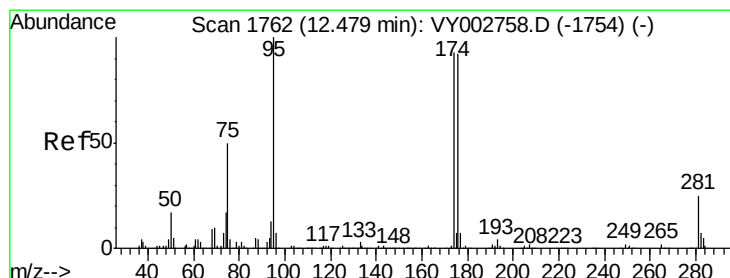
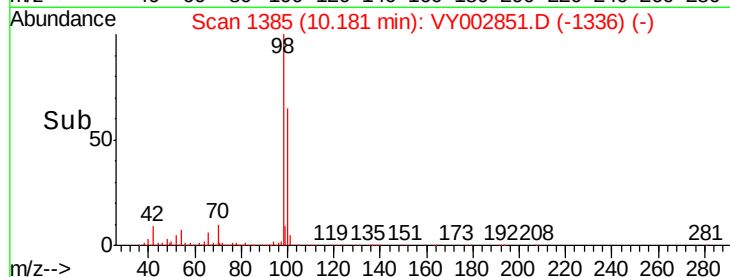
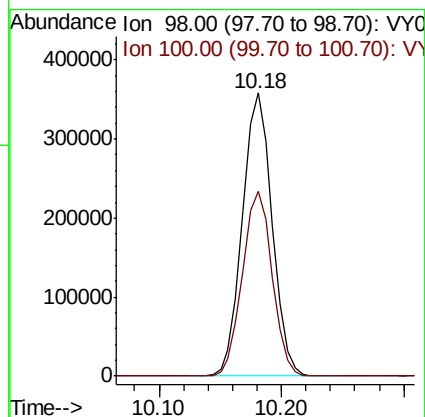
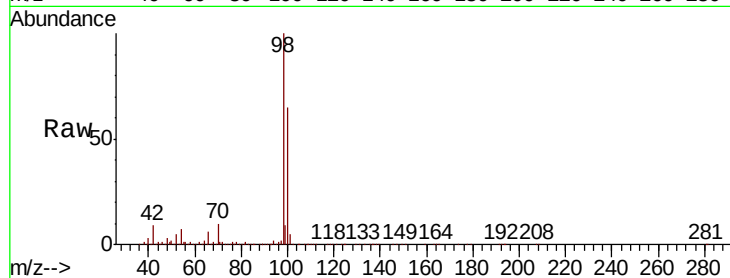
26572-25062-251686

Tot Ion: 98 Resp: 603813

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.641 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

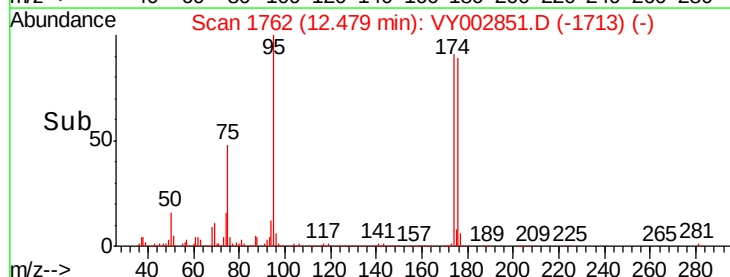
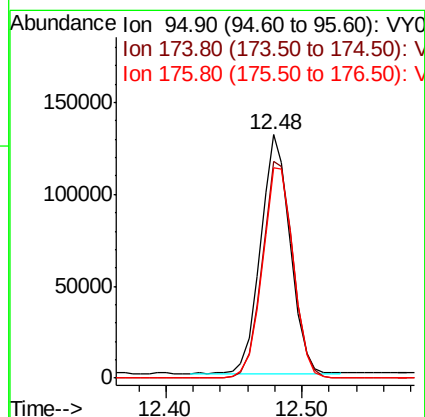
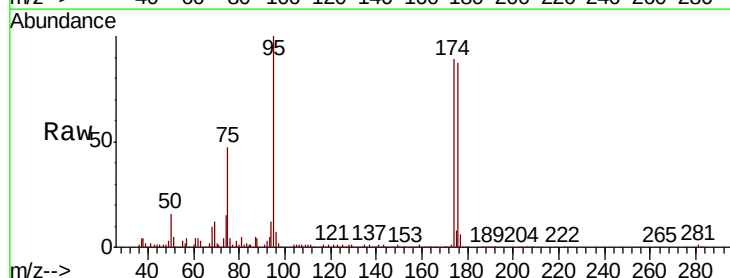
Tgt Ion: 95 Resp: 198850

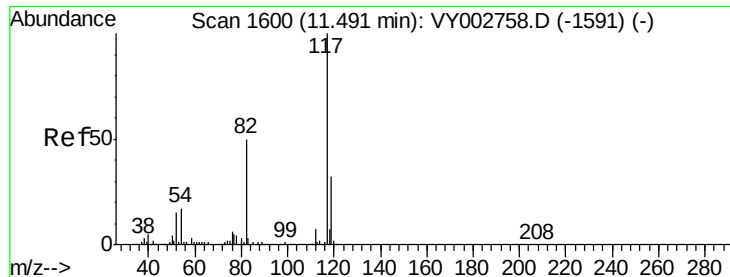
Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.2

176 91.7 0.0 188.8

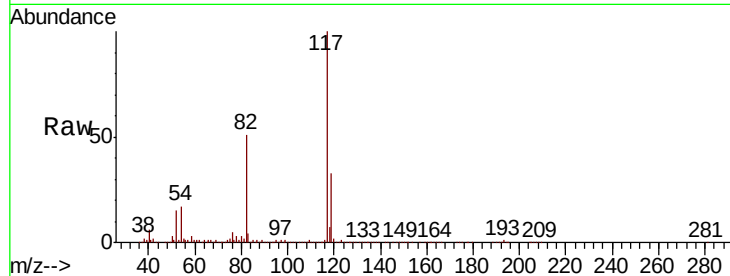




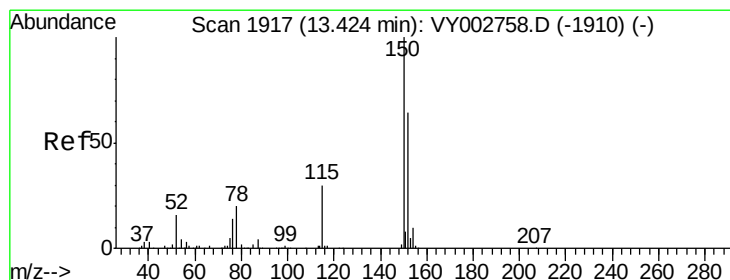
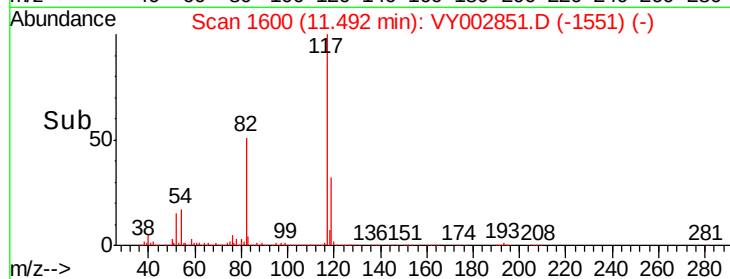
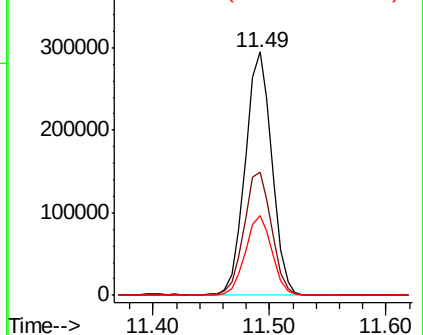
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002851.D
Acq: 05 Jun 2020 16:14

Instrument :
MSVOA_Y
ClientSampleId :
26572-25062-251686

Tot Ion:117 Resp: 470464
Ion Ratio Lower Upper
117 100
82 50.4 40.2 60.4
119 32.4 25.8 38.8

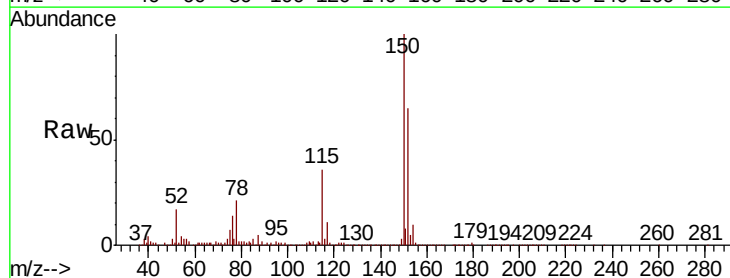


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

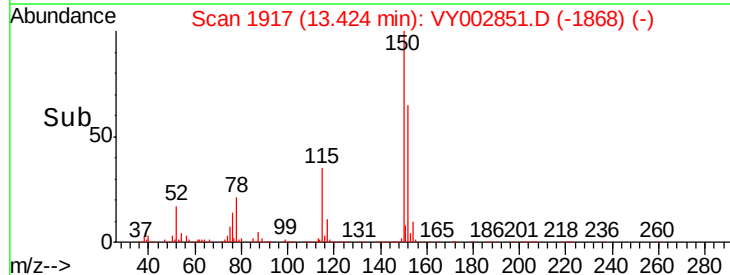
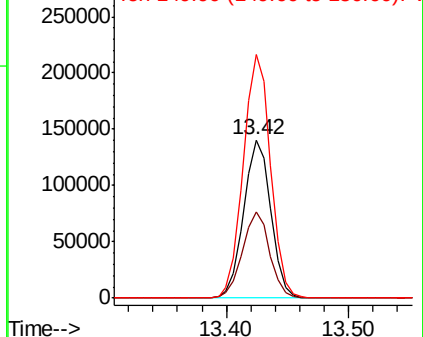


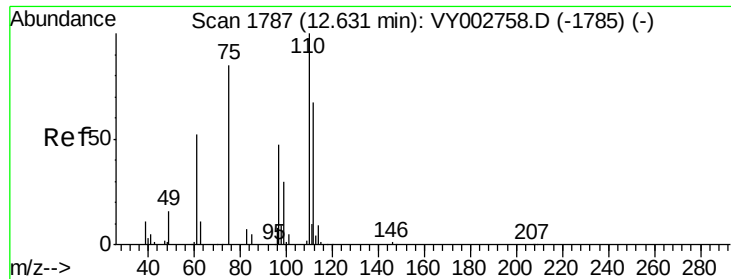
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002851.D
Acq: 05 Jun 2020 16:14

Tgt Ion:152 Resp: 214662
Ion Ratio Lower Upper
152 100
115 54.4 27.0 81.0
150 155.2 0.0 344.8



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: 48.243 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

Instrument :

MSVOA_Y

ClientSampleId :

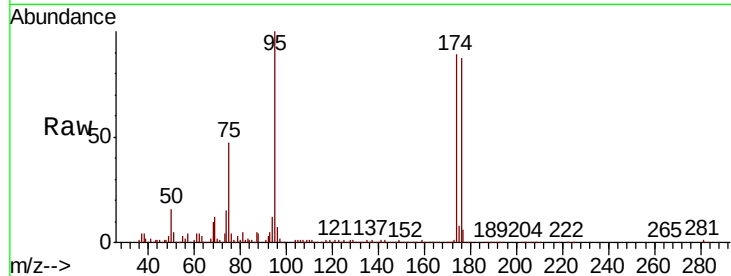
26572-25062-251686

Tot Ion: 75 Resp: 93313

Ion Ratio Lower Upper

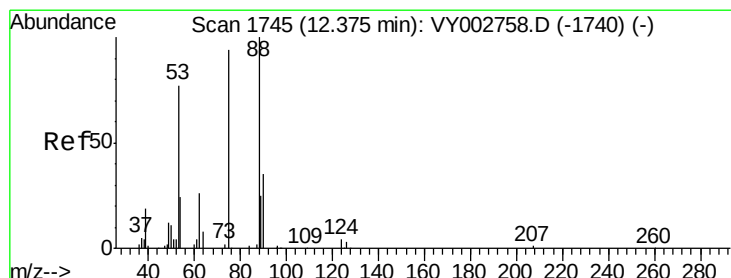
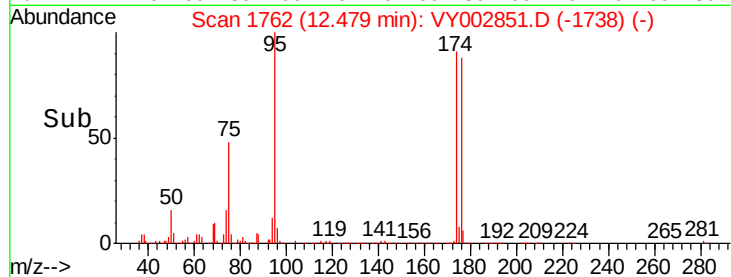
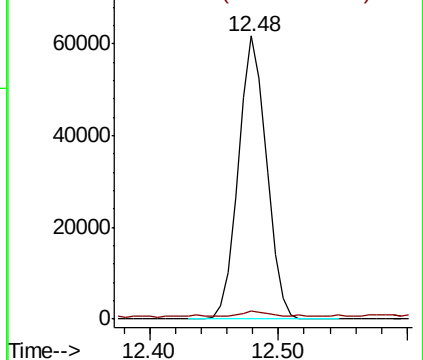
75 100

77 1.8 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: 90.889 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002851.D

Acq: 05 Jun 2020 16:14

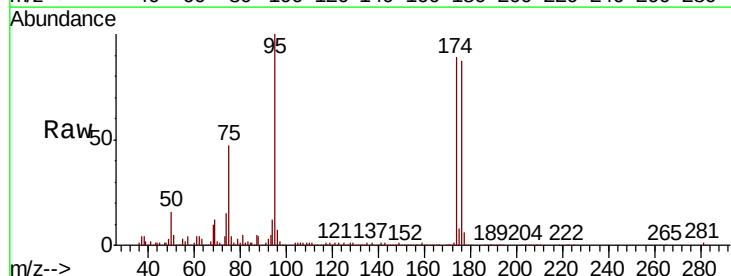
Tgt Ion: 75 Resp: 93313

Ion Ratio Lower Upper

75 100

53 0.2 64.0 96.0#

89 0.1 37.4 56.2#



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

