

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002140.D
 Acq On : 31 Mar 2020 17:51
 Operator : SY/MD
 Sample : L2054-06
 Misc : 8.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 05:00:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

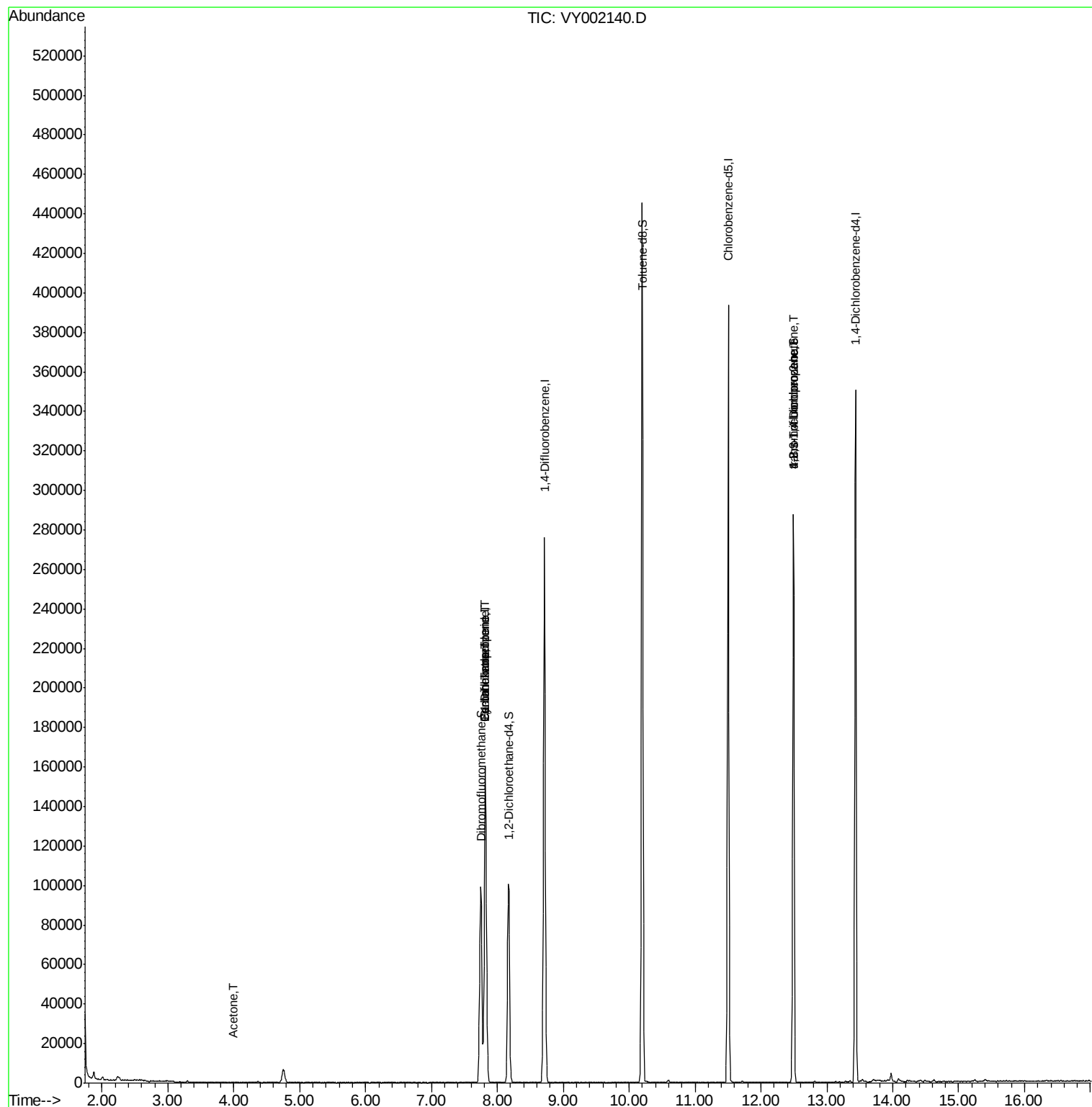
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	120167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	210638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	81539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	75490	56.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.66%	
35) Dibromofluoromethane	7.75	113	69485	52.88	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.20	98	289804	53.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.49	95	89339	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
Target Compounds						
16) Acetone	3.98	43	585	1.567	ug/l #	74
20) Methylene Chloride	4.75	84	4763	Below Cal		96
31) Cyclohexane	7.82	56	2875	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10181	4.590	ug/l #	49
38) Carbon Tetrachloride	7.82	117	11917	6.332	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	45846	50.265	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	45846	97.381	ug/l #	17

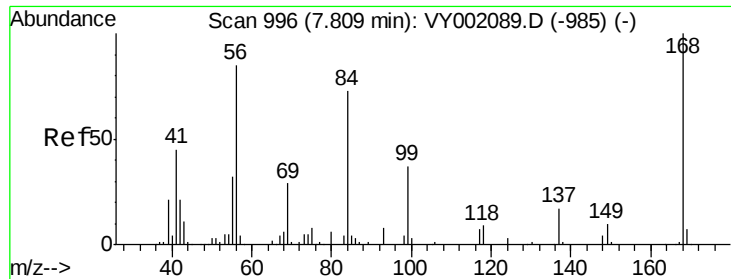
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
Data File : VY002140.D
Acq On : 31 Mar 2020 17:51
Operator : SY/MD
Sample : L2054-06
Misc : 8.71G/5ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 01 05:00:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

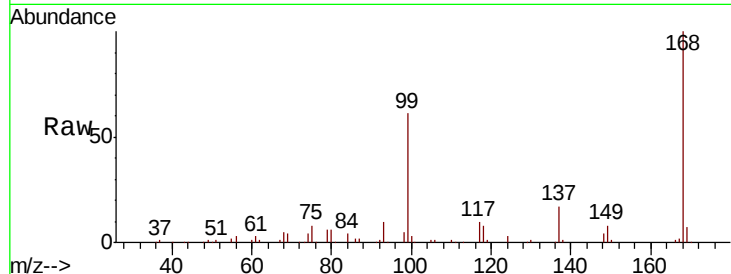
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 120167

Ion Ratio Lower Upper

168 100

99 60.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002140.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002140.D (-947) (-)

7.82

60000

50000

40000

30000

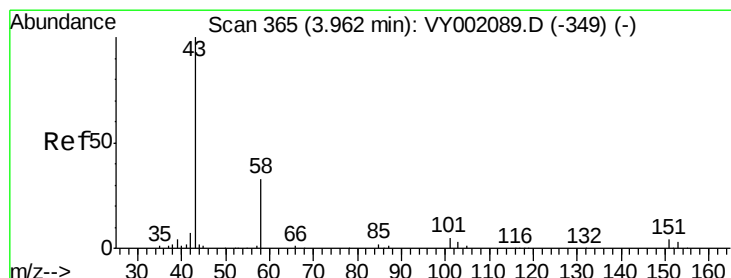
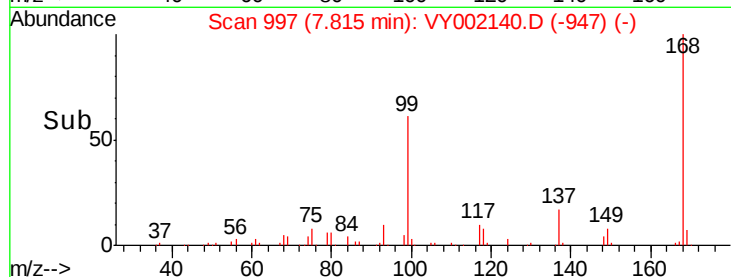
20000

10000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 1.567 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002140.D

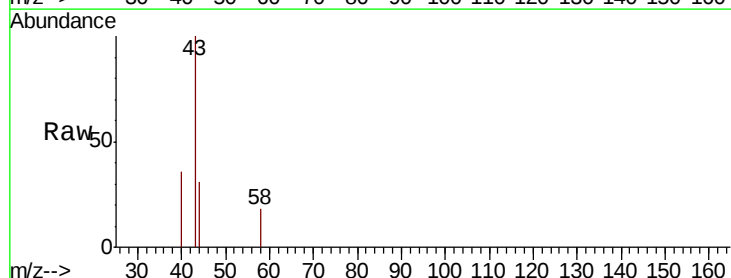
Acq: 31 Mar 2020 17:51

Tgt Ion: 43 Resp: 585

Ion Ratio Lower Upper

43 100

58 18.2 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002140.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002140.D (-316) (-)

3.98

300

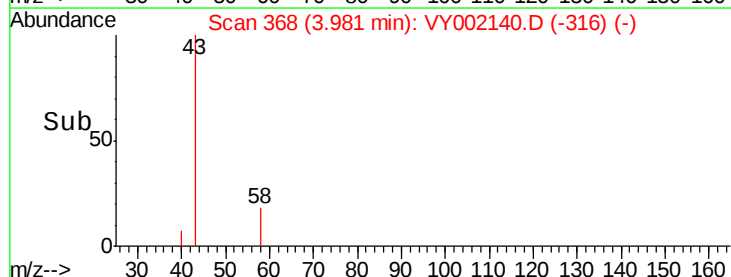
200

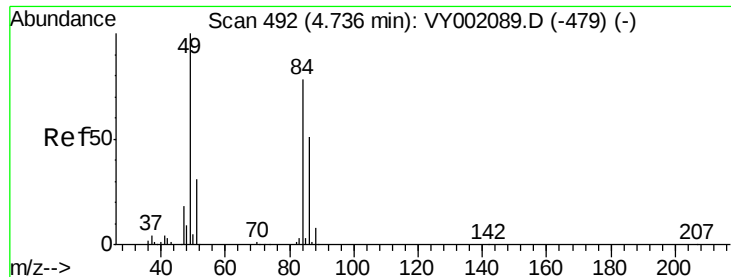
100

0

Time-->

3.90 3.95 4.00 4.05

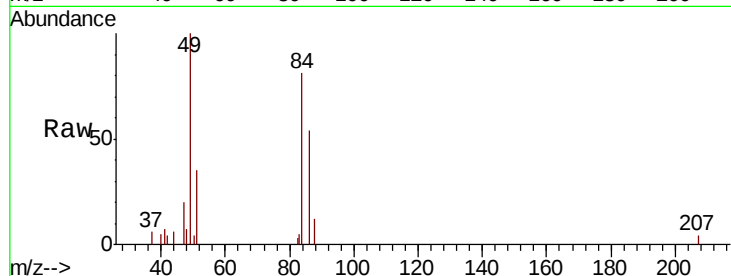




#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002140.D
Acq: 31 Mar 2020 17:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	4763
Ion	Ratio	Lower	Upper
84	100		
49	122.8	102.2	153.4
51	42.6	31.2	46.8
86	66.3	52.6	78.8



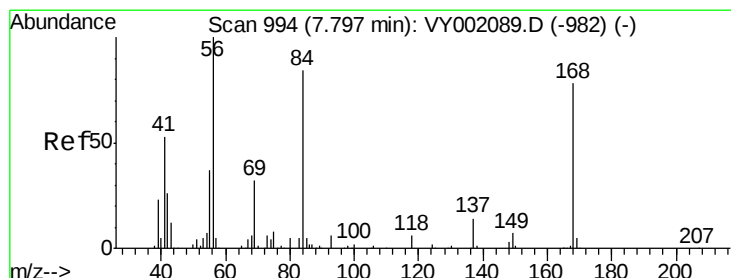
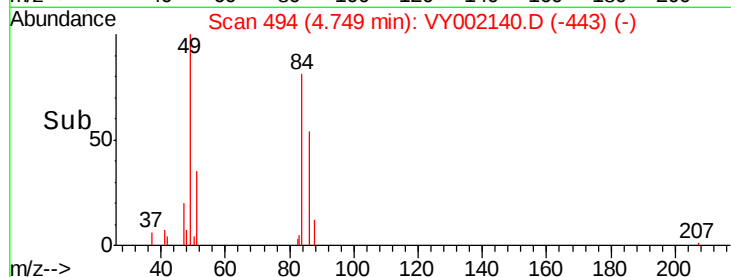
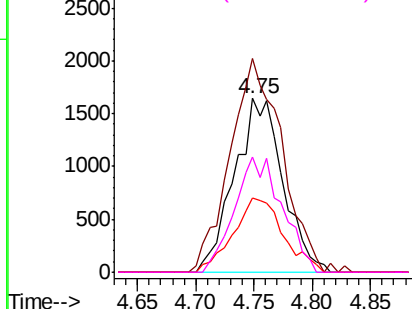
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

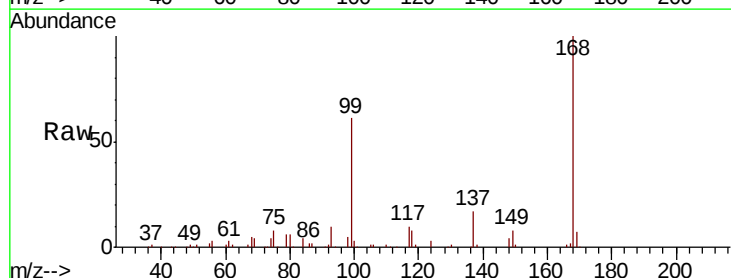
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.02 min
Lab File: VY002140.D
Acq: 31 Mar 2020 17:51

Tgt Ion:	56	Resp:	2875
Ion	Ratio	Lower	Upper
56	100		
69	136.5	25.8	38.8#
84	150.4	67.1	100.7#

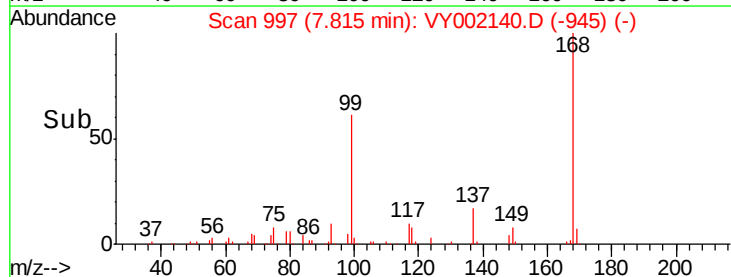
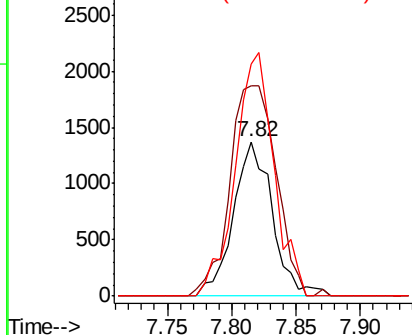


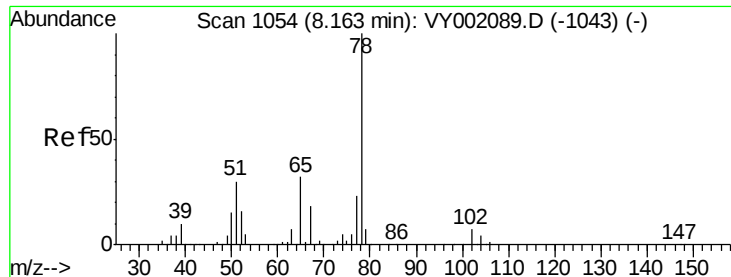
Abundance

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: 56.827 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

Instrument :

MSVOA_Y

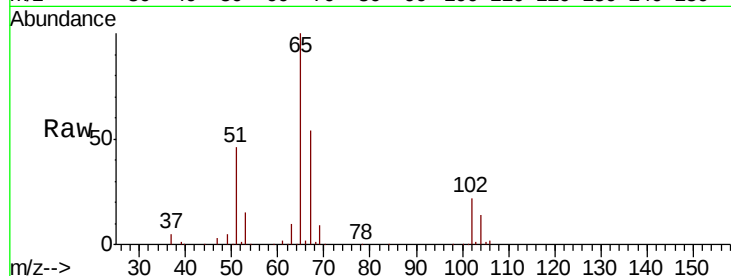
ClientSampleId :

Tot Ion: 65 Resp: 75490

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.17

30000

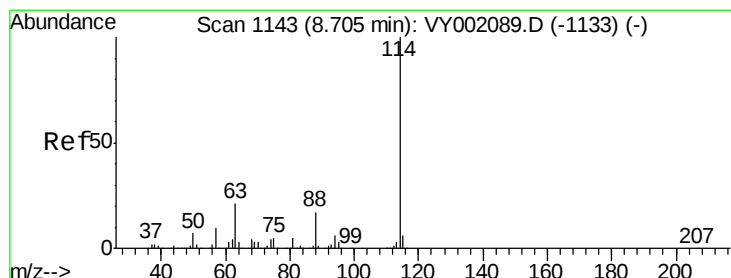
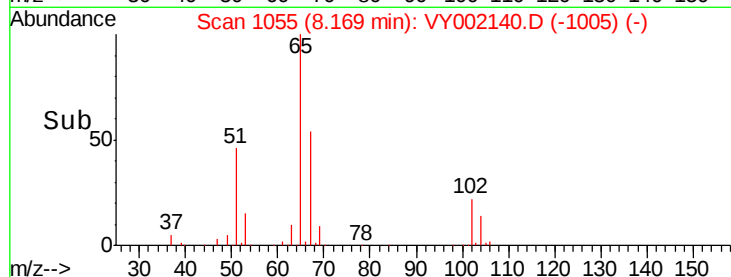
20000

10000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

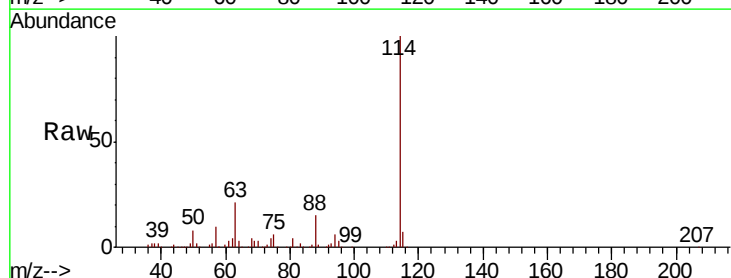
Tgt Ion: 114 Resp: 234515

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.4

88 15.2 0.0 33.0



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

150000

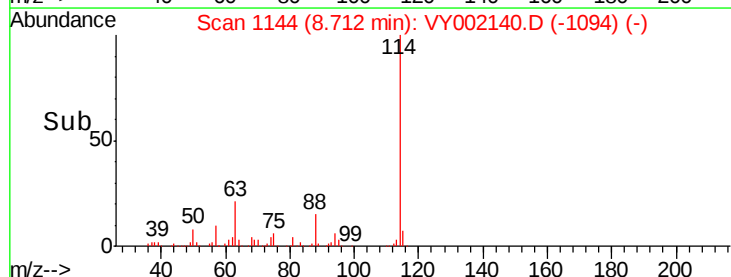
100000

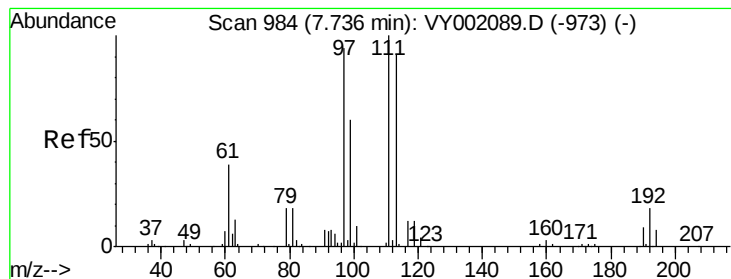
50000

0

Time-->

8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 52.880 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

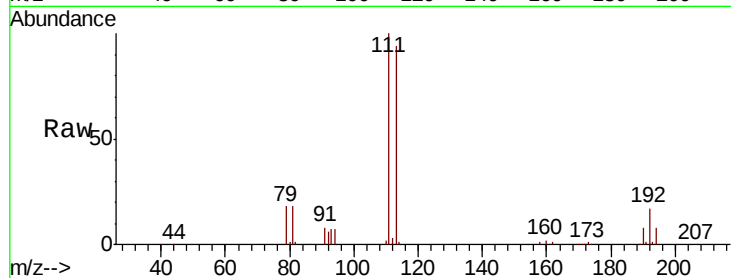
Tot Ion:113 Resp: 69485

Ion Ratio Lower Upper

113 100

111 103.8 84.4 126.6

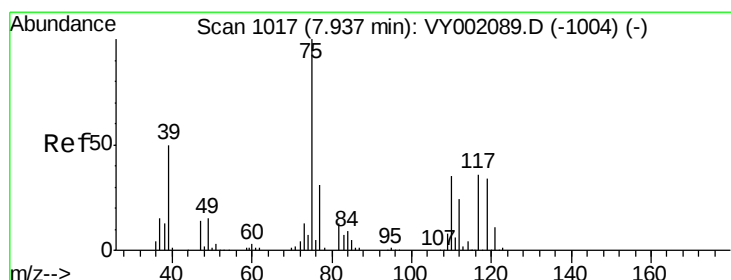
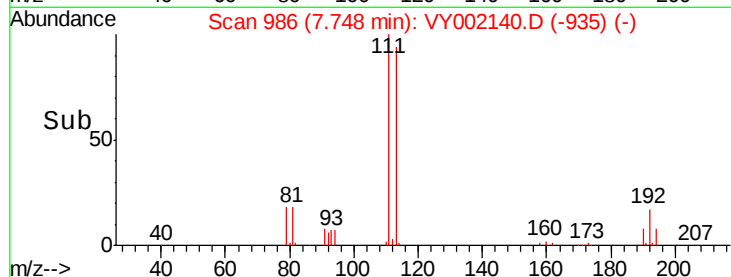
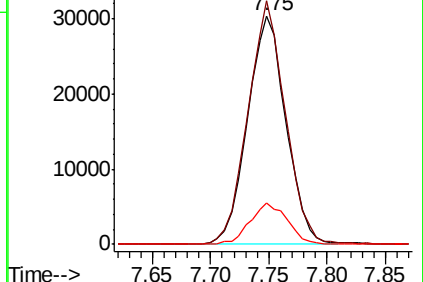
192 17.7 14.6 21.8



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: 4.590 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

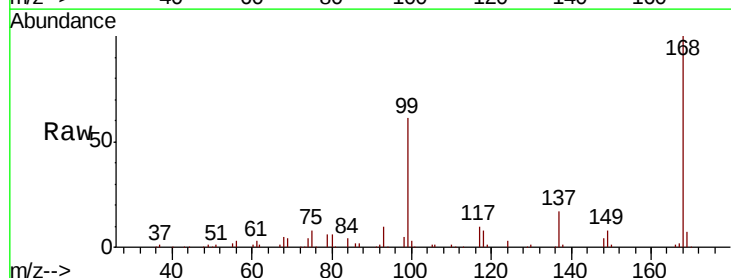
Tgt Ion: 75 Resp: 10181

Ion Ratio Lower Upper

75 100

110 7.5 17.2 51.6#

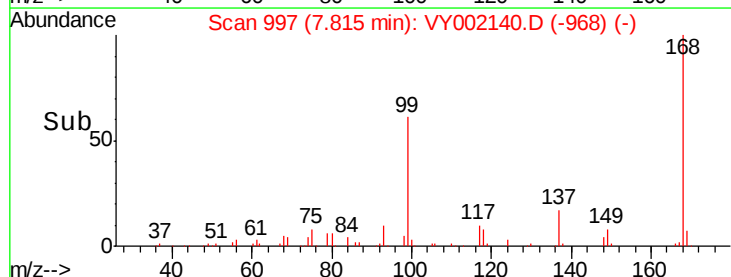
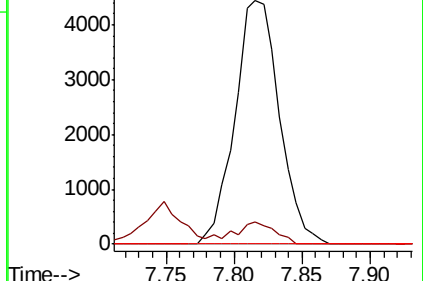
77 0.0 24.7 37.1#

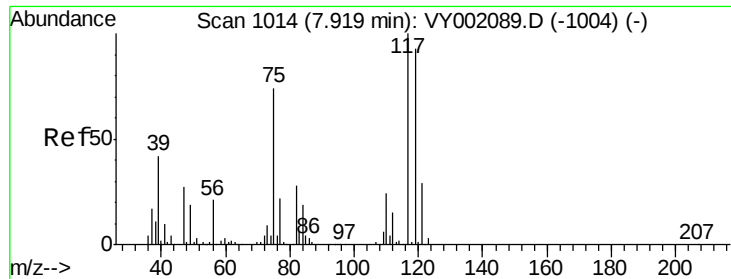


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

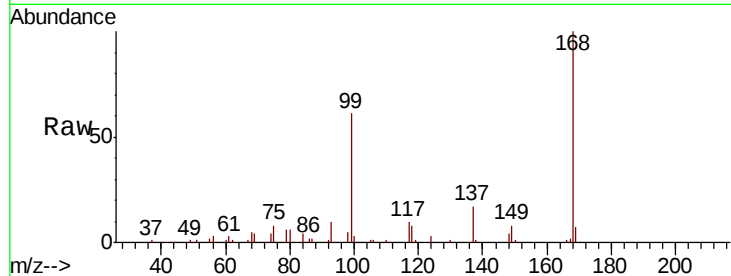




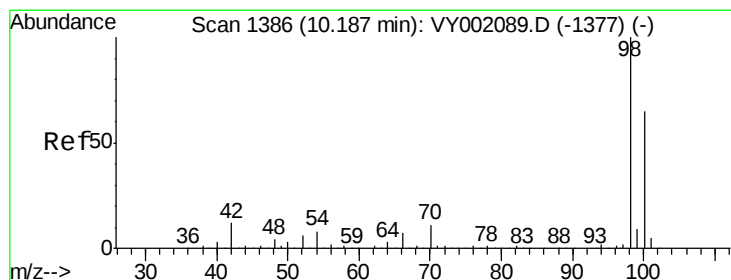
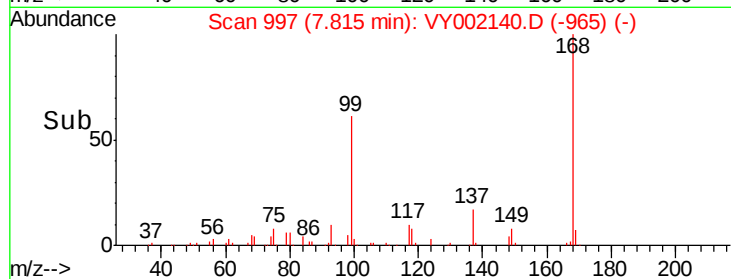
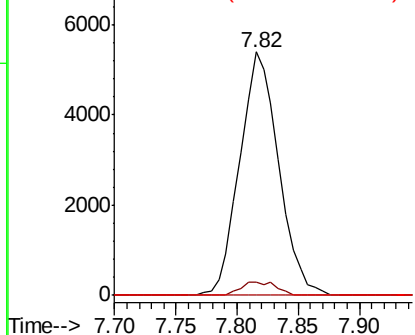
#38
Carbon Tetrachloride
Concen: 6.332 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002140.D
Acq: 31 Mar 2020 17:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 11917
Ion Ratio Lower Upper
117 100
119 5.4 74.3 111.5#
121 0.0 23.3 34.9#

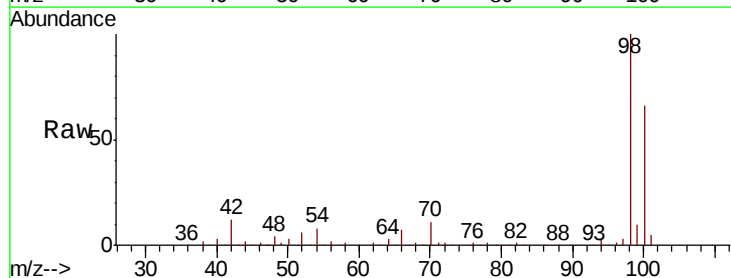


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

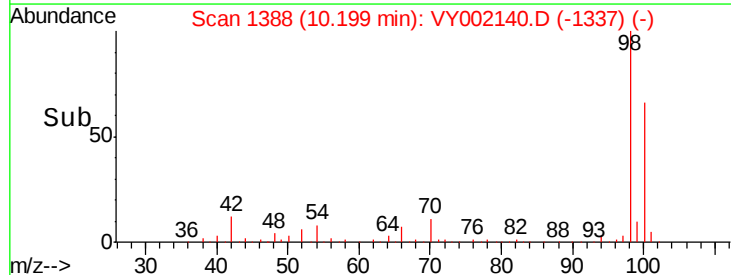
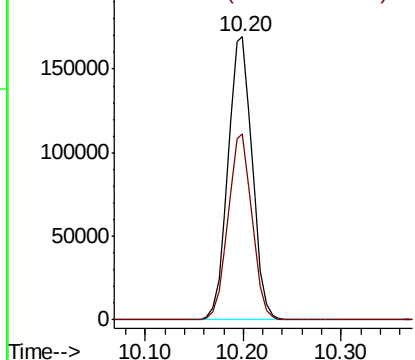


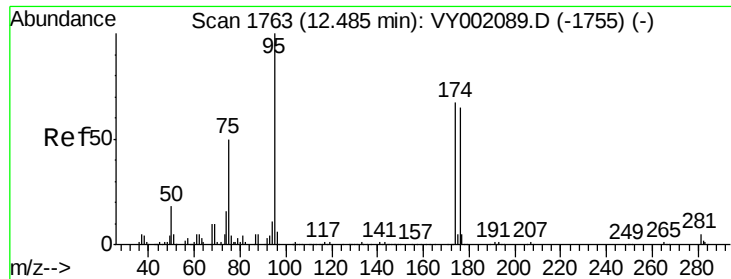
#50
Toluene-d8
Concen: 53.090 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002140.D
Acq: 31 Mar 2020 17:51

Tgt Ion: 98 Resp: 289804
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

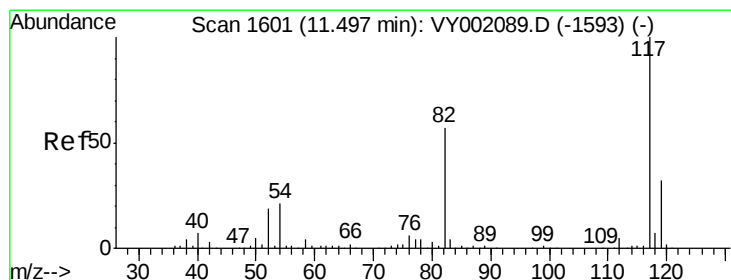
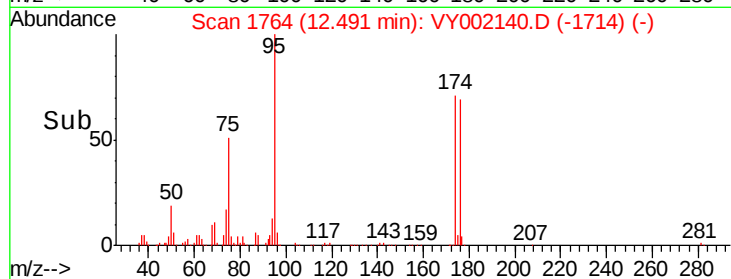
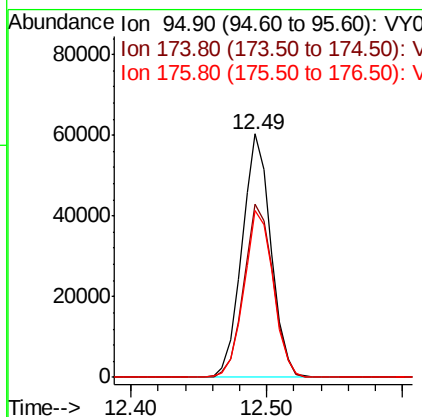
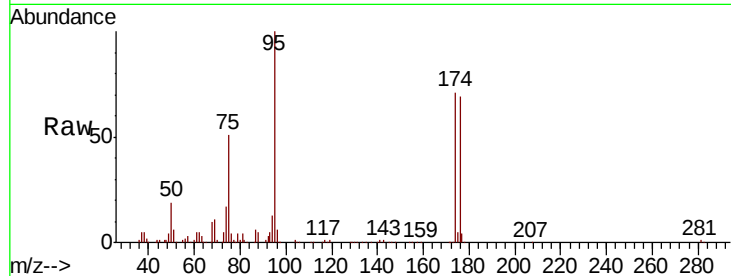




#62
4-Bromofluorobenzene
Concen: 46.796 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002140.D
Acq: 31 Mar 2020 17:51

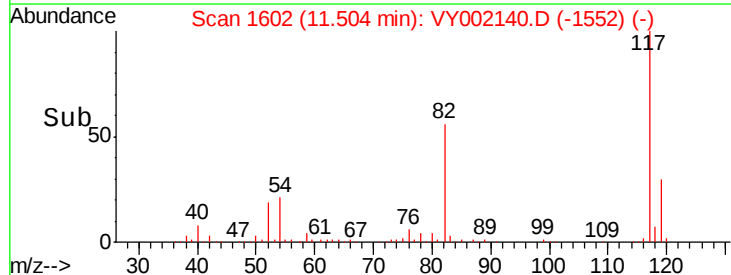
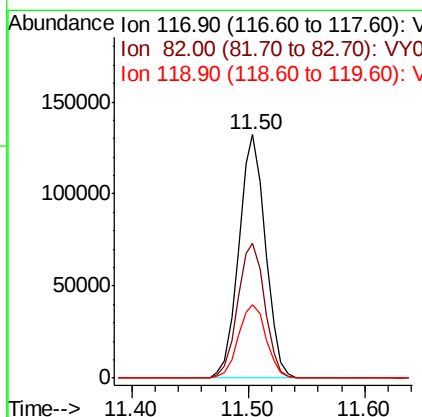
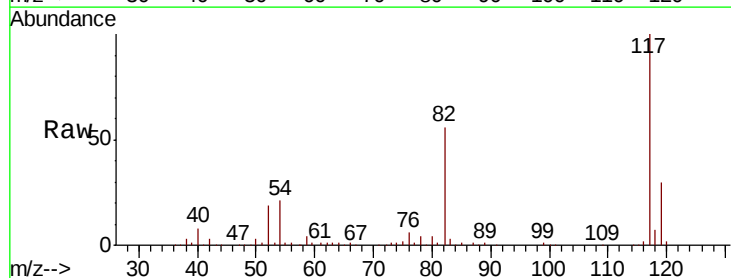
Instrument :
MSVOA_Y
ClientSampleId :

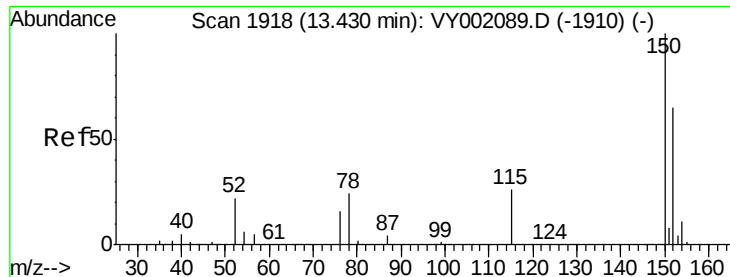
Tot Ion	95	Resp	89339
Ion Ratio	Lower	Upper	
95	100		
174	72.4	0.0	143.4
176	70.0	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002140.D
Acq: 31 Mar 2020 17:51

Tgt Ion	117	Resp	210638
Ion Ratio	Lower	Upper	
117	100		
82	55.6	45.4	68.2
119	30.2	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

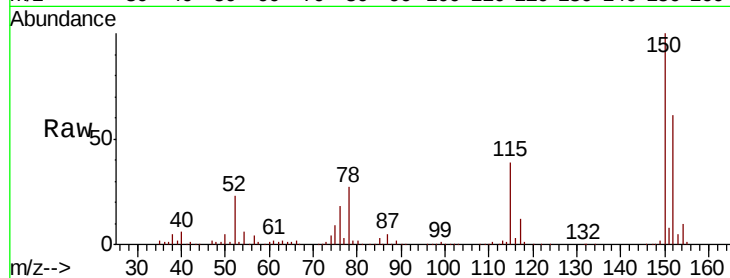
Tot Ion:152 Resp: 81539

Ion Ratio Lower Upper

152 100

115 62.4 31.2 93.6

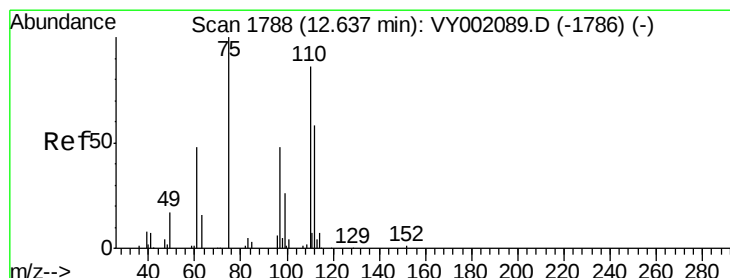
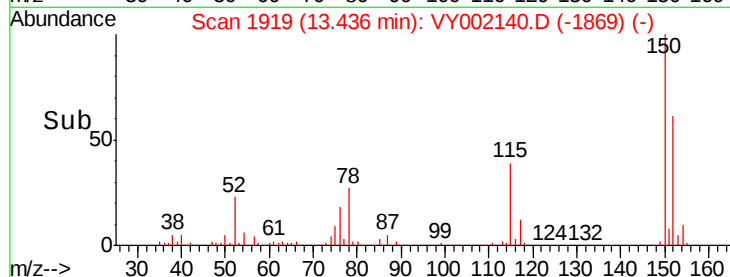
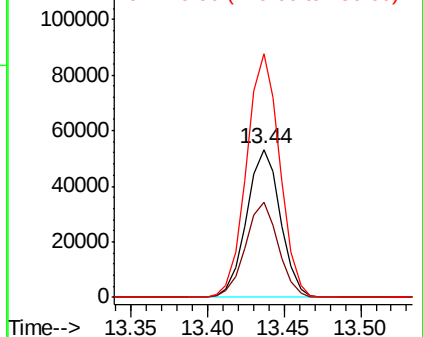
150 161.9 0.0 354.8



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: 50.265 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002140.D

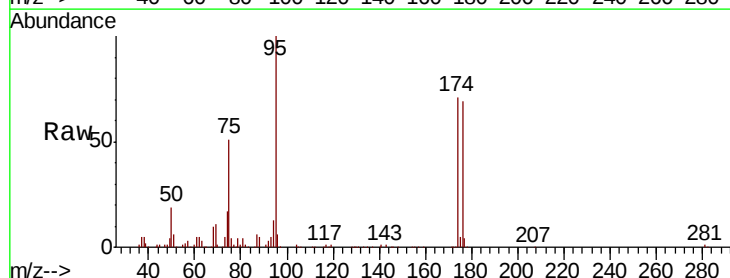
Acq: 31 Mar 2020 17:51

Tgt Ion: 75 Resp: 45846

Ion Ratio Lower Upper

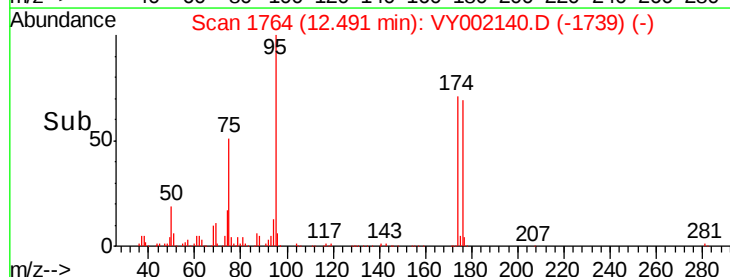
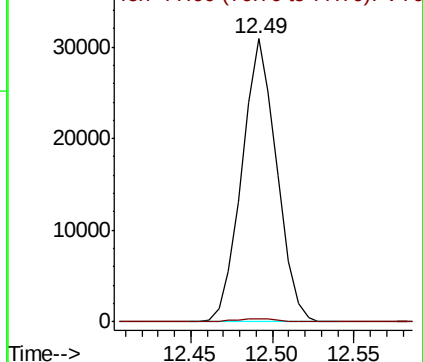
75 100

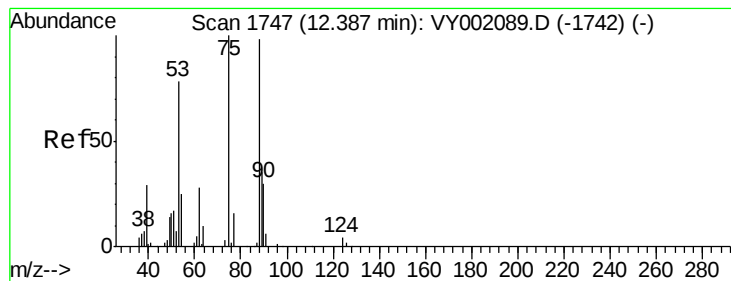
77 1.4 0.0 0.0#



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: 97.381 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 45846

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

