

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002137.D
 Acq On : 31 Mar 2020 16:44
 Operator : SY/MD
 Sample : L2054-03
 Misc : 7.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 05:00:18 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

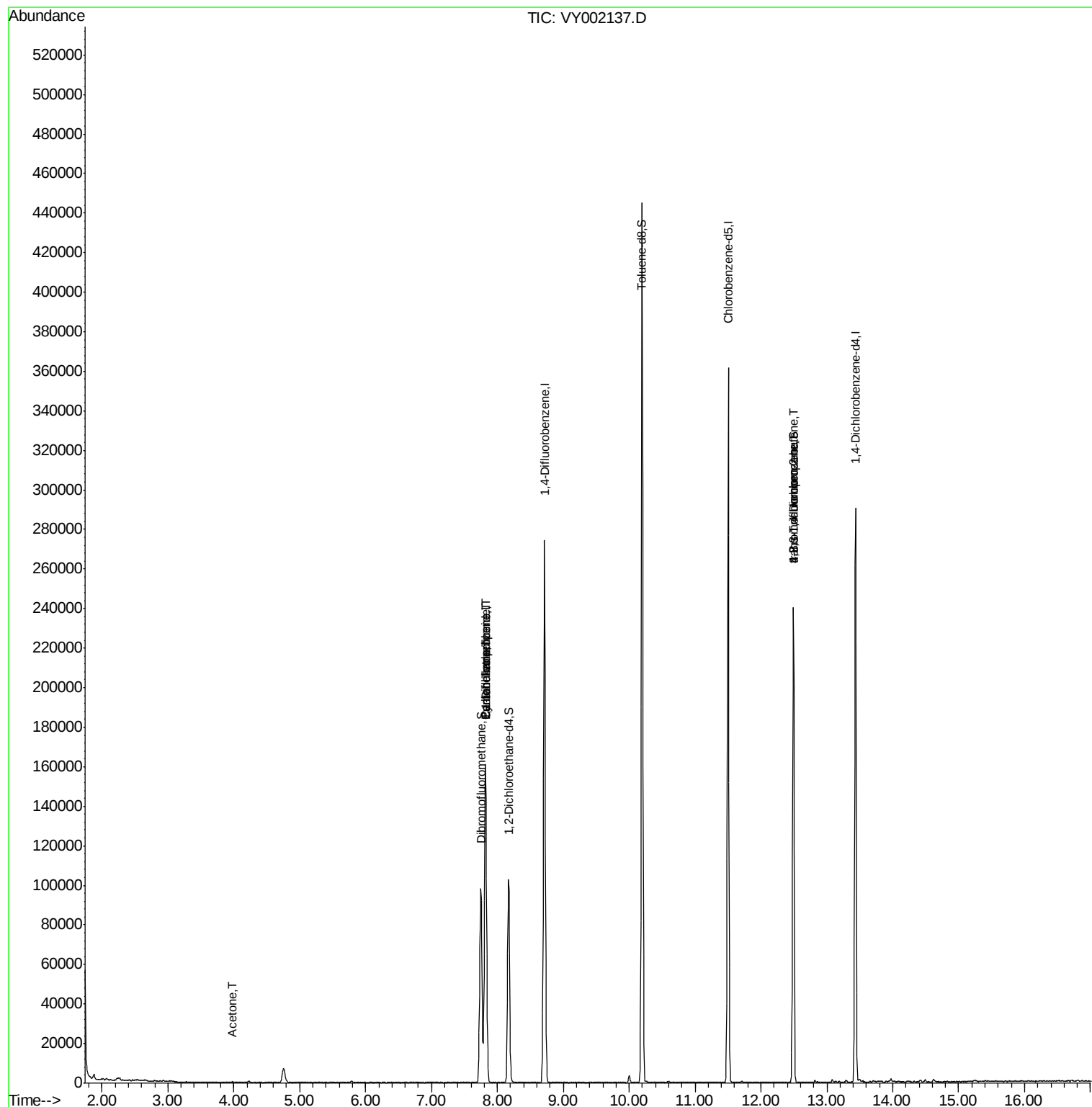
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	121488	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	232194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	194757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	69242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	75551	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
35) Dibromofluoromethane	7.75	113	70494	54.18	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.36%	
50) Toluene-d8	10.19	98	283452	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.49	95	76082	40.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.50%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	480	1.272	ug/l	91
20) Methylene Chloride	4.75	84	5273	Below Cal	#	90
31) Cyclohexane	7.82	56	2881	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10530	4.795	ug/l #	51
38) Carbon Tetrachloride	7.82	117	12702	6.817	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	39715	51.276	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	39715	99.339	ug/l #	17

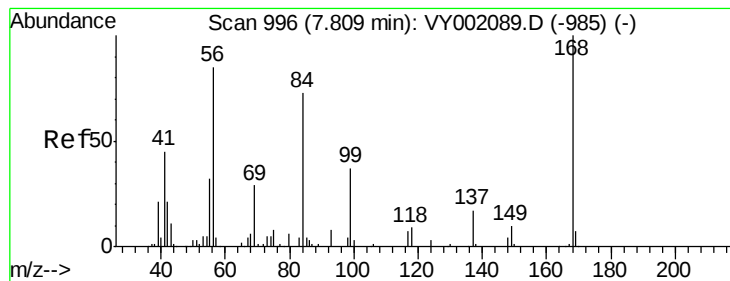
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_Y

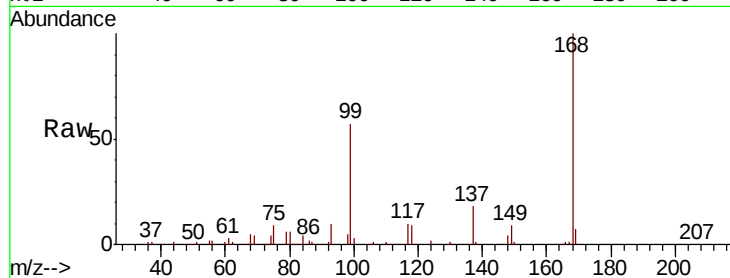
ClientSampled :

Tot Ion:168 Resp: 121488

Ion Ratio Lower Upper

168 100

99 57.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002137.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002137.D (-947) (-)

7.82

60000

50000

40000

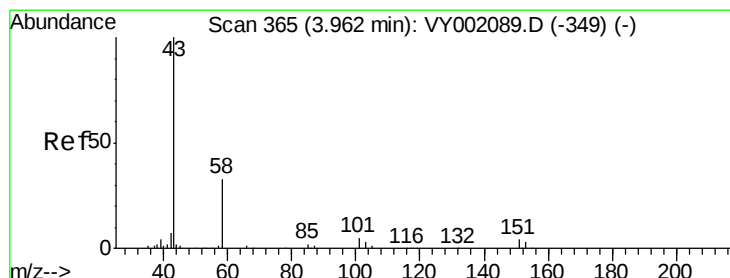
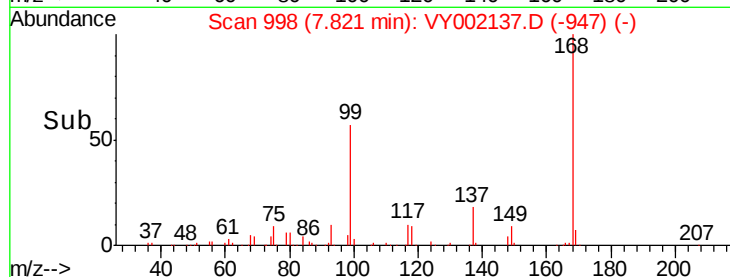
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 1.272 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002137.D

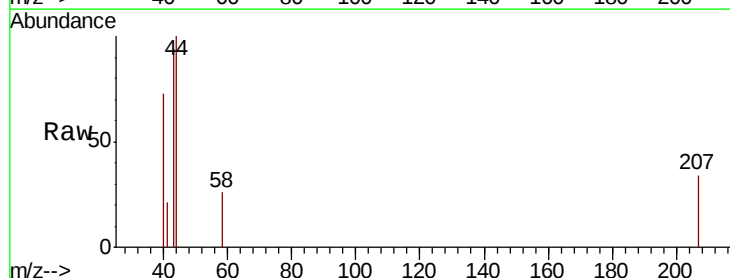
Acq: 31 Mar 2020 16:44

Tgt Ion: 43 Resp: 480

Ion Ratio Lower Upper

43 100

58 27.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002137.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002137.D (-316) (-)

3.98

250

200

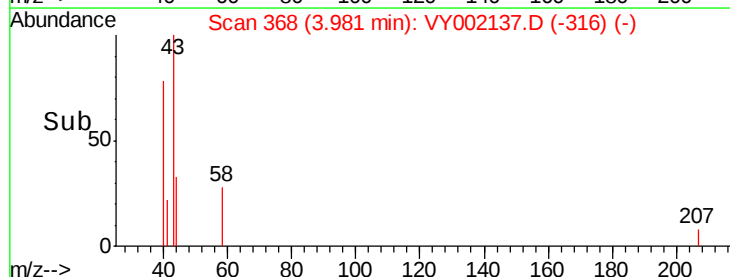
150

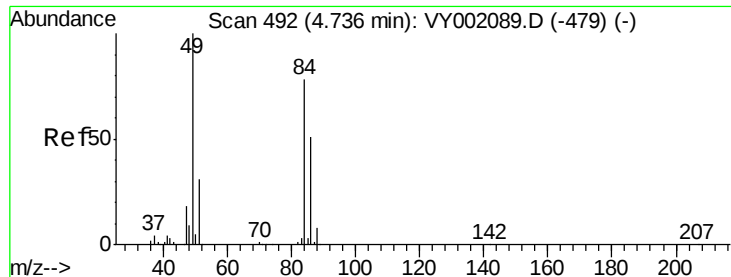
100

50

0

Time-->

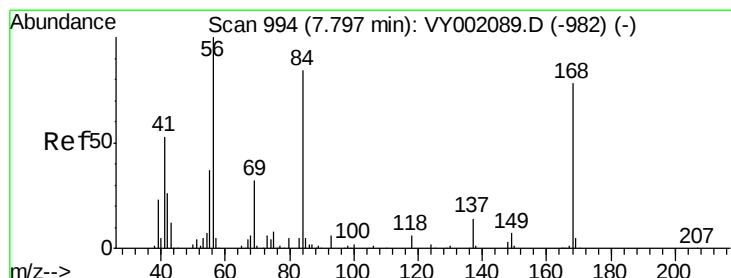
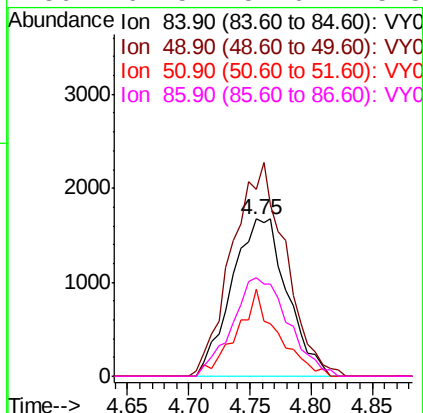
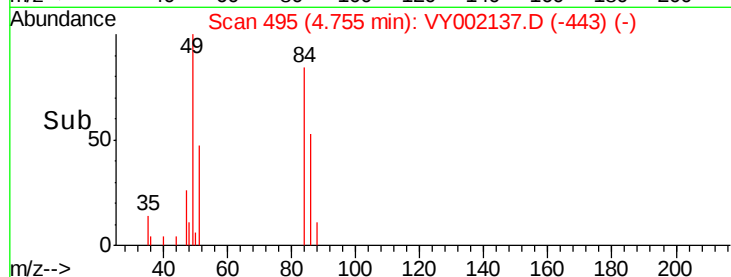
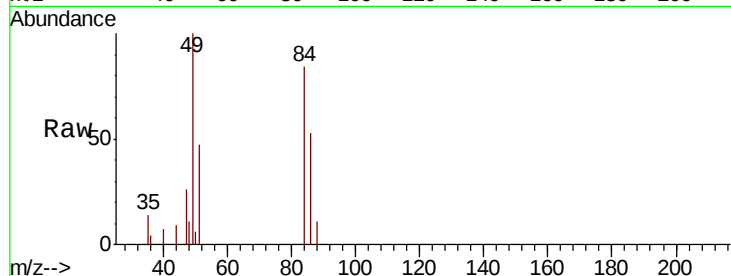




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002137.D
Acq: 31 Mar 2020 16:44

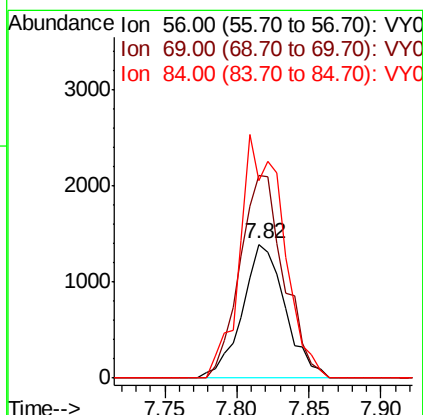
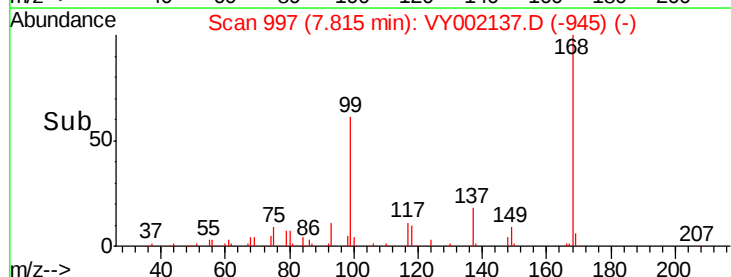
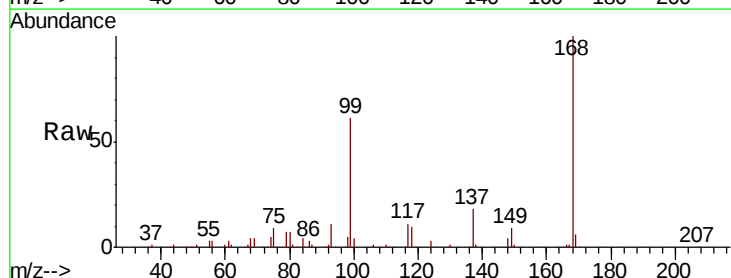
Instrument :
MSVOA_Y
ClientSampleId :

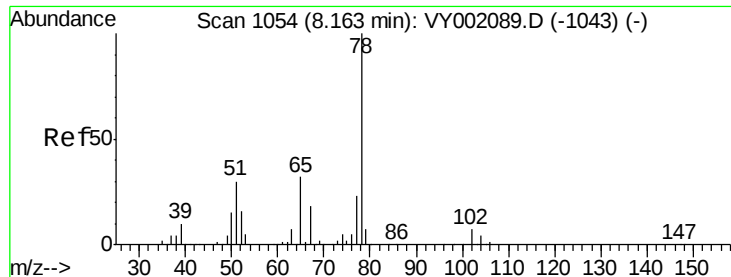
Tot Ion:	84	Resp:	5273
Ion	Ratio	Lower	Upper
84	100		
49	118.6	102.2	153.4
51	55.6	31.2	46.8#
86	62.5	52.6	78.8



#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.02 min
Lab File: VY002137.D
Acq: 31 Mar 2020 16:44

Tgt Ion:	56	Resp:	2881
Ion	Ratio	Lower	Upper
56	100		
69	151.5	25.8	38.8#
84	156.4	67.1	100.7#





#33

1,2-Dichloroethane-d4

Concen: 56.255 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_Y

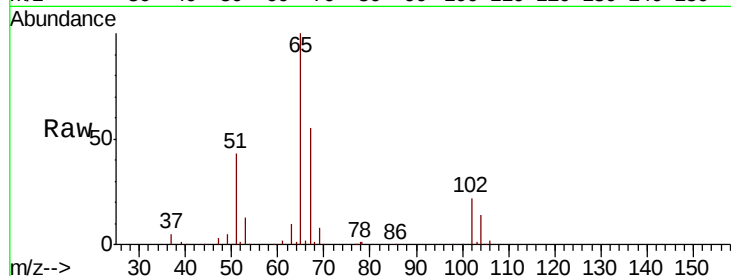
ClientSampleId :

Tot Ion: 65 Resp: 75551

Ion Ratio Lower Upper

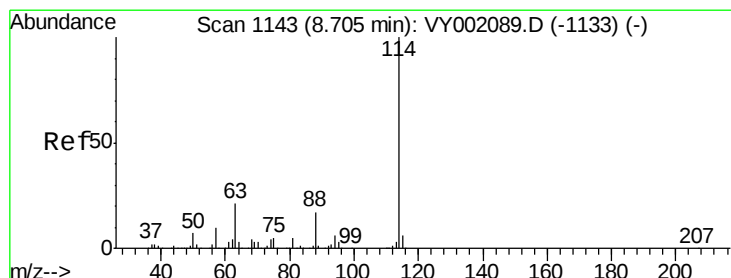
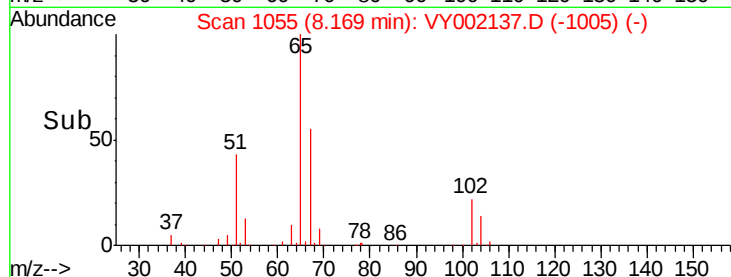
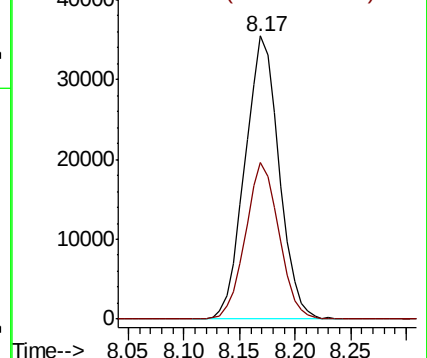
65 100

67 54.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002137.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002137.D (-1005) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

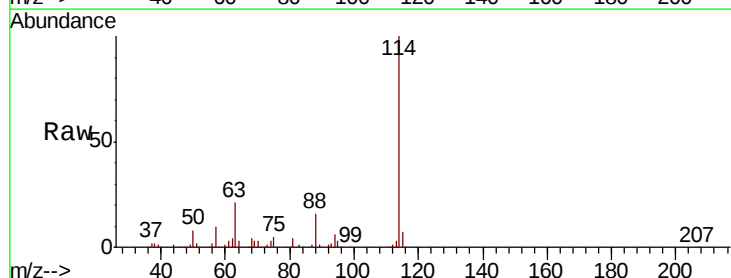
Tgt Ion: 114 Resp: 232194

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

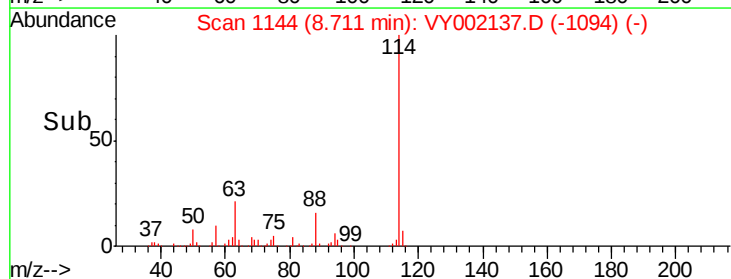
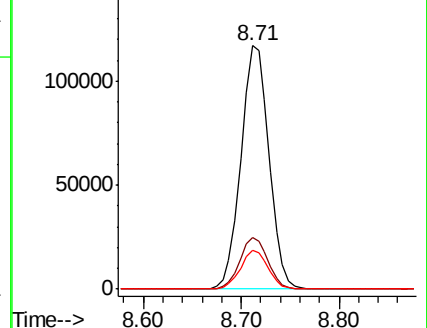
88 16.1 0.0 33.0

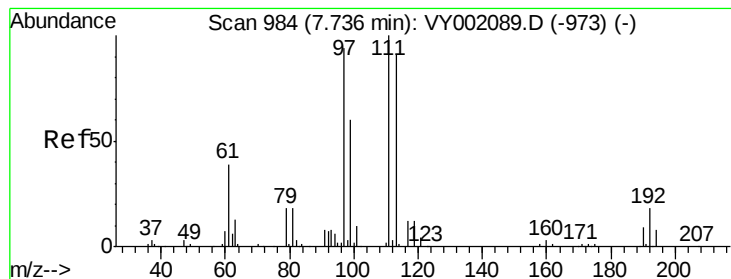


Abundance Ion 113.90 (113.60 to 114.60): VY002137.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002137.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002137.D (-1094) (-)





#35

Dibromofluoromethane

Concen: 54.184 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_Y

ClientSampleId :

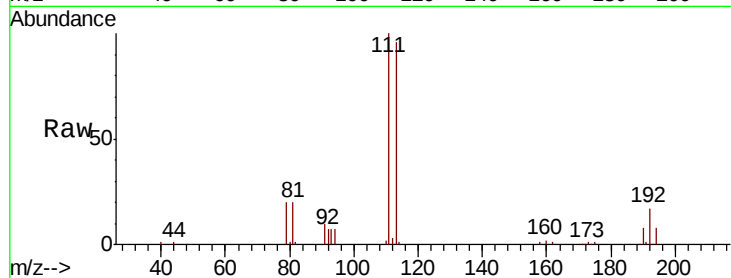
Tot Ion:113 Resp: 70494

Ion Ratio Lower Upper

113 100

111 102.4 84.4 126.6

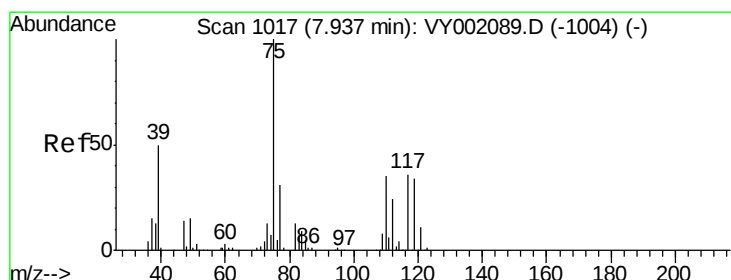
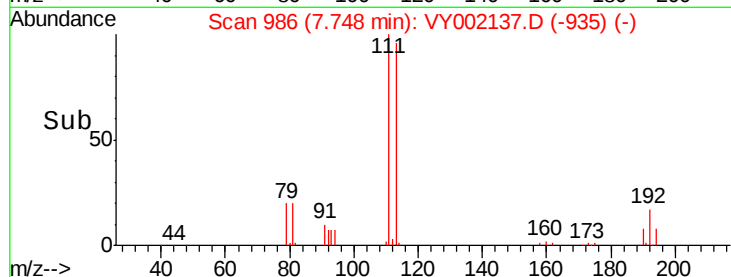
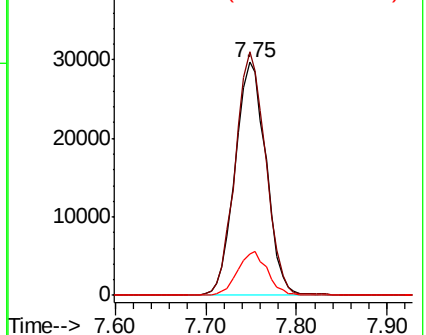
192 17.9 14.6 21.8



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: 4.795 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.12 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

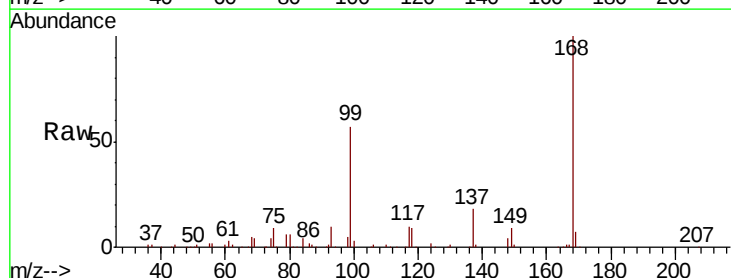
Tgt Ion: 75 Resp: 10530

Ion Ratio Lower Upper

75 100

110 9.6 17.2 51.6#

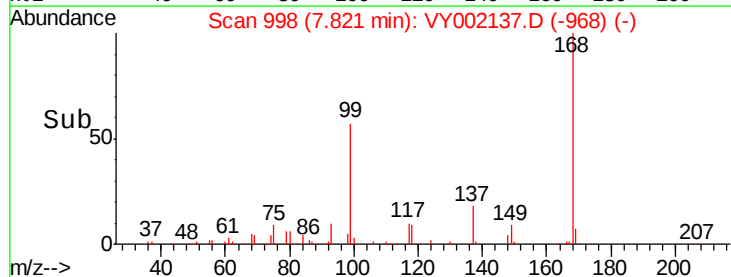
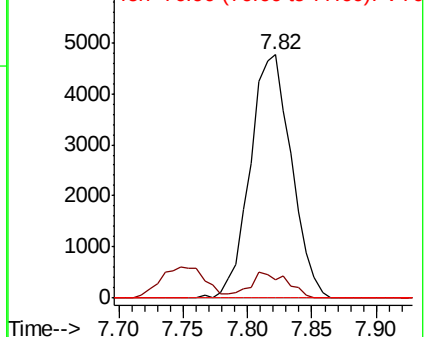
77 0.0 24.7 37.1#

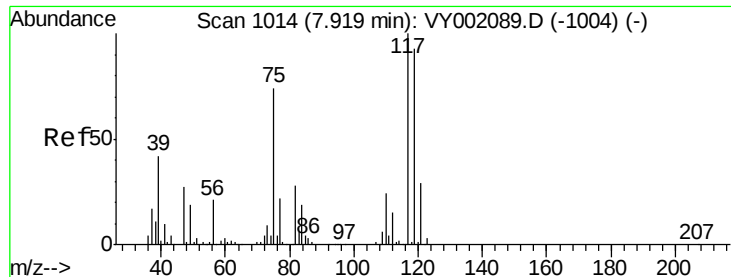


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

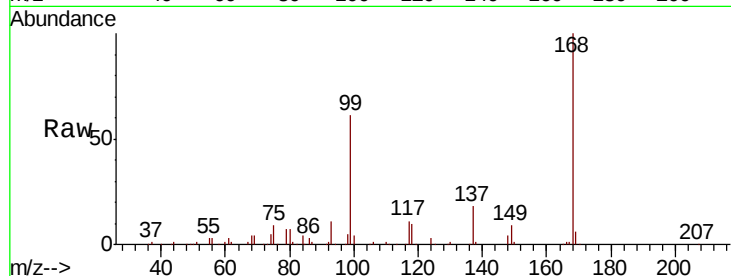




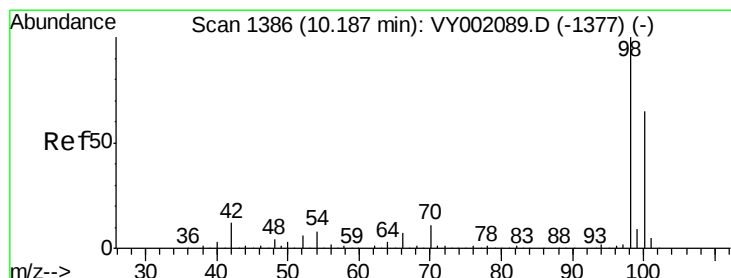
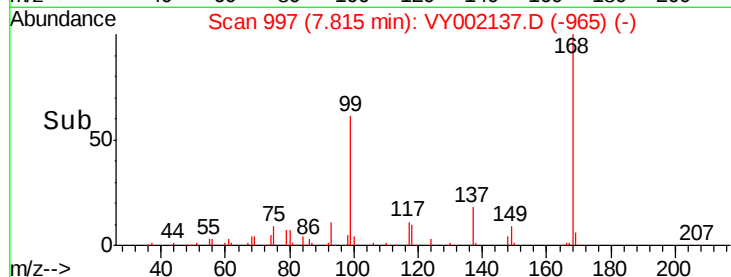
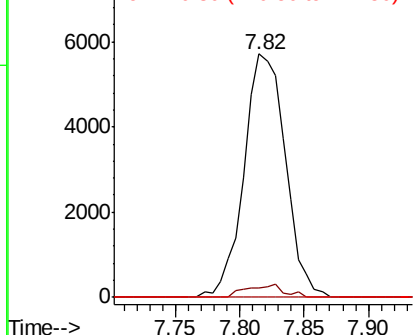
#38
Carbon Tetrachloride
Concen: 6.817 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002137.D
Acq: 31 Mar 2020 16:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 12702
Ion Ratio Lower Upper
117 100
119 4.1 74.3 111.5#
121 0.0 23.3 34.9#

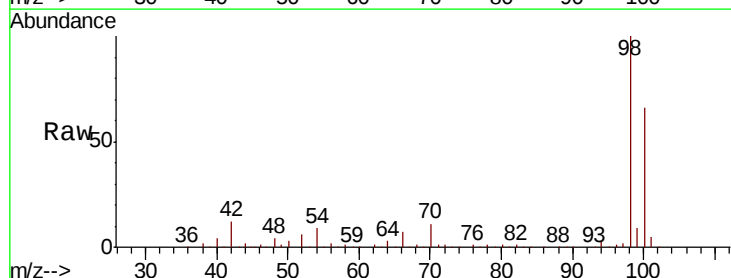


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

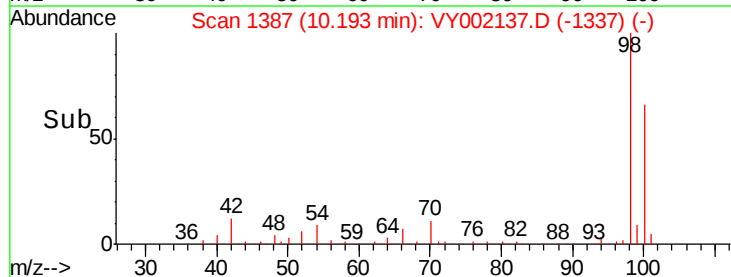
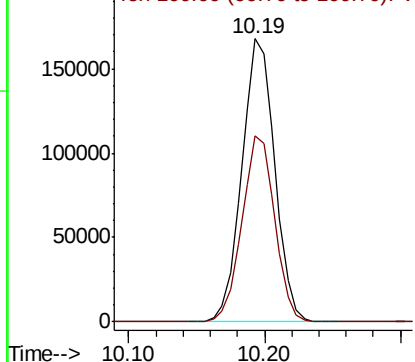


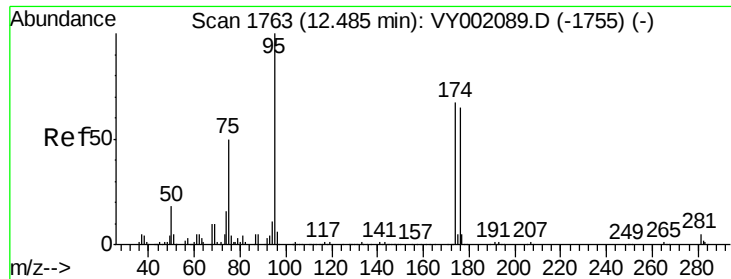
#50
Toluene-d8
Concen: 52.445 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002137.D
Acq: 31 Mar 2020 16:44

Tgt Ion: 98 Resp: 283452
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



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

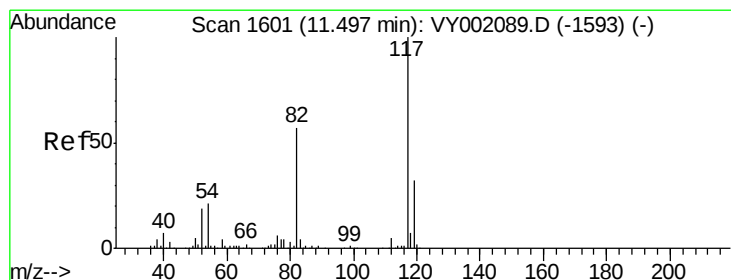
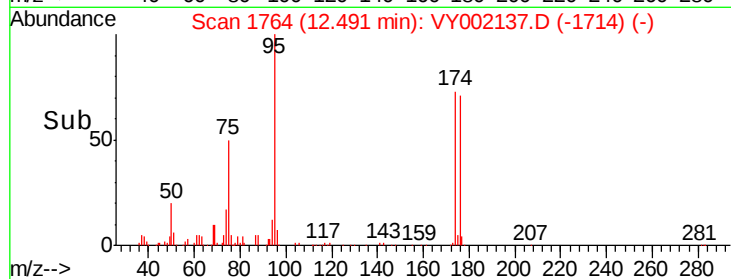
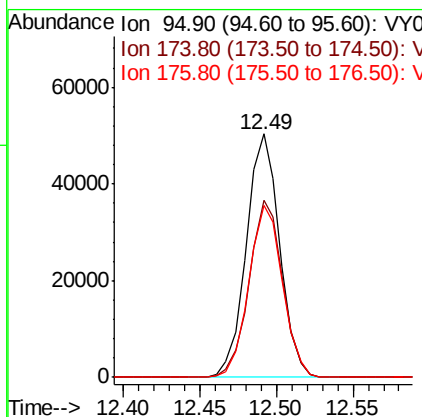
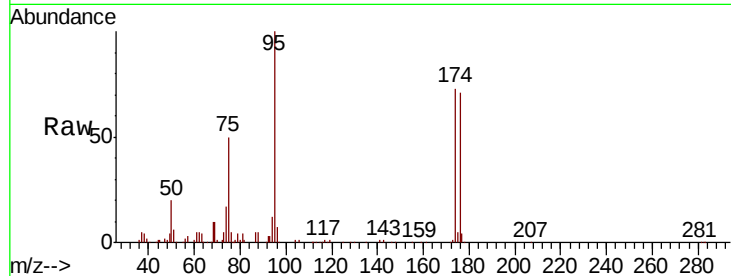




#62
4-Bromofluorobenzene
Concen: 40.250 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002137.D
Acq: 31 Mar 2020 16:44

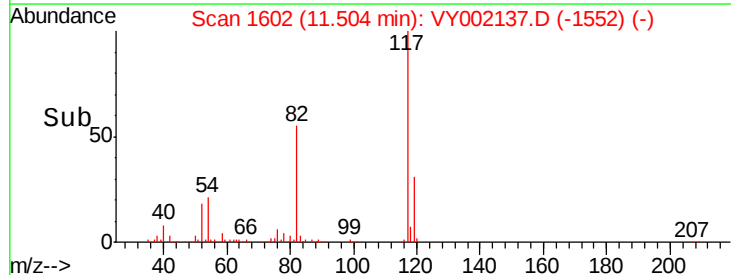
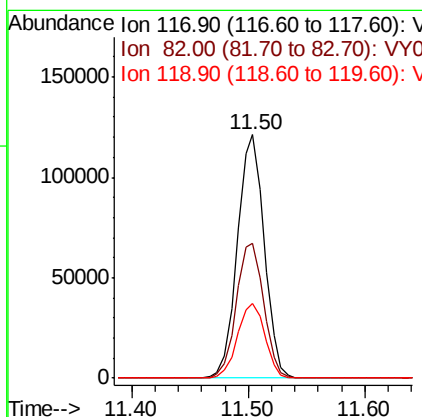
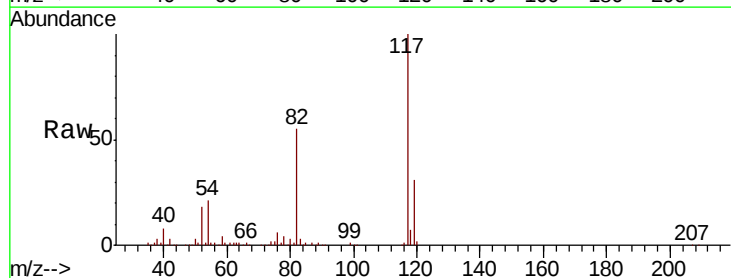
Instrument :
MSVOA_Y
ClientSampleId :

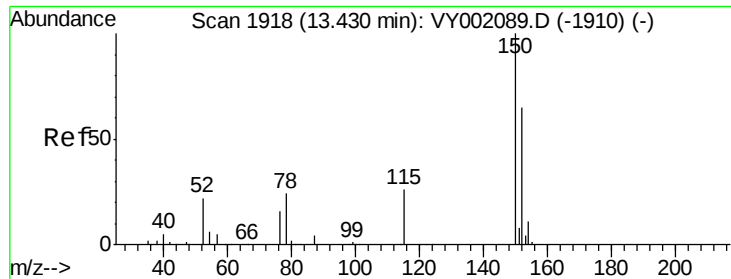
Tot Ion: 95 Resp: 76082
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.4
176 71.6 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002137.D
Acq: 31 Mar 2020 16:44

Tgt Ion: 117 Resp: 194757
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 30.9 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: VY002137.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_Y

ClientSampleId :

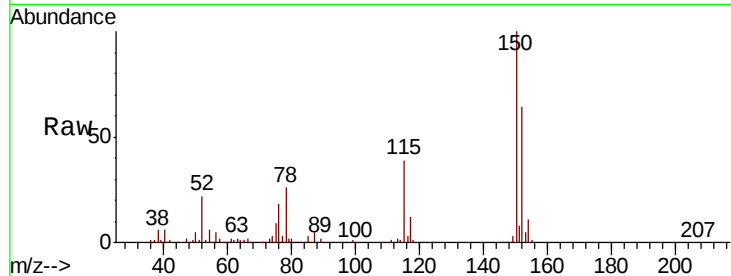
Tot Ion:152 Resp: 69242

Ion Ratio Lower Upper

152 100

115 62.0 31.2 93.6

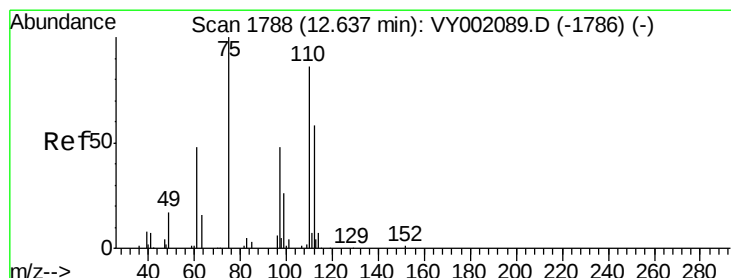
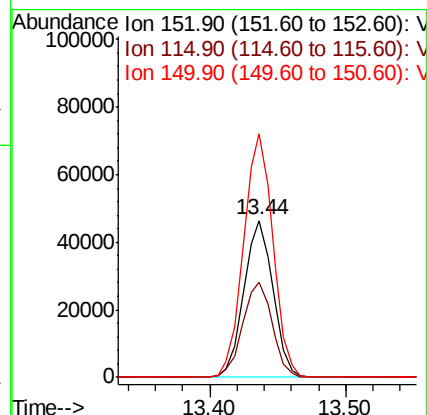
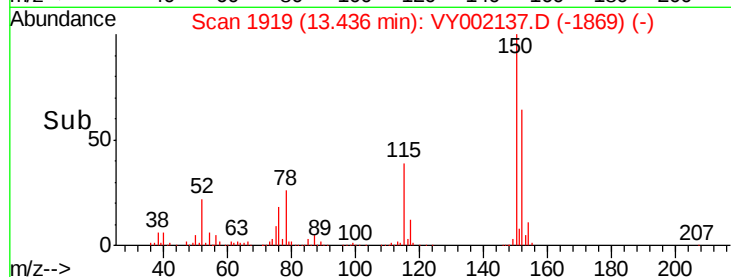
150 157.0 0.0 354.8



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: 51.276 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002137.D

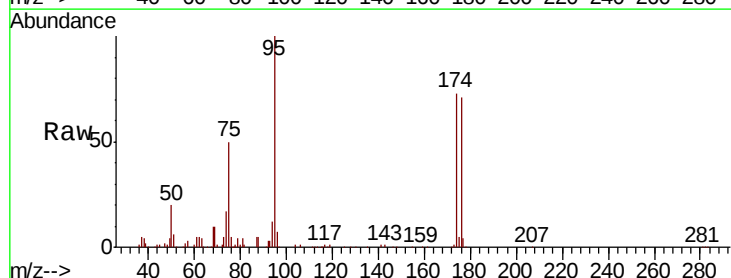
Acq: 31 Mar 2020 16:44

Tgt Ion: 75 Resp: 39715

Ion Ratio Lower Upper

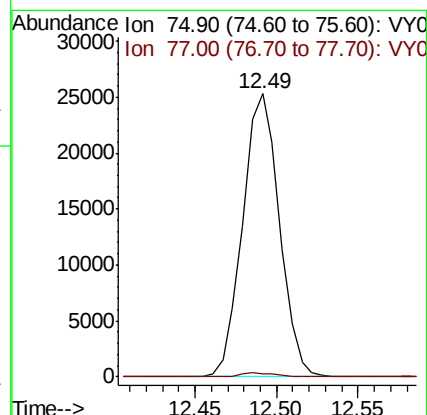
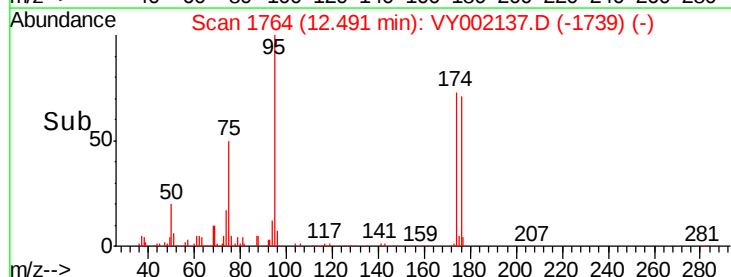
75 100

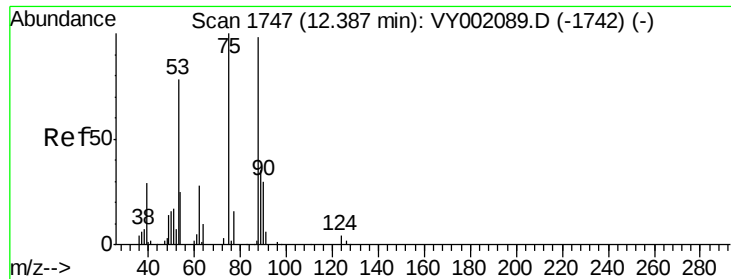
77 1.3 0.0 0.0#



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: 99.339 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_Y

ClientSampleId :

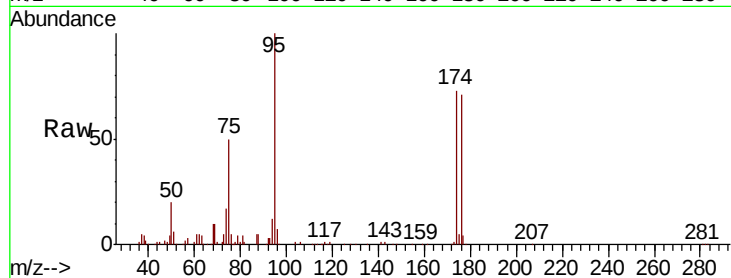
Tot Ion: 75 Resp: 39715

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#



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

