

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001728.D
 Acq On : 20 Feb 2020 17:11
 Operator : SY/MD
 Sample : L1631-10
 Misc : 6.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 08:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

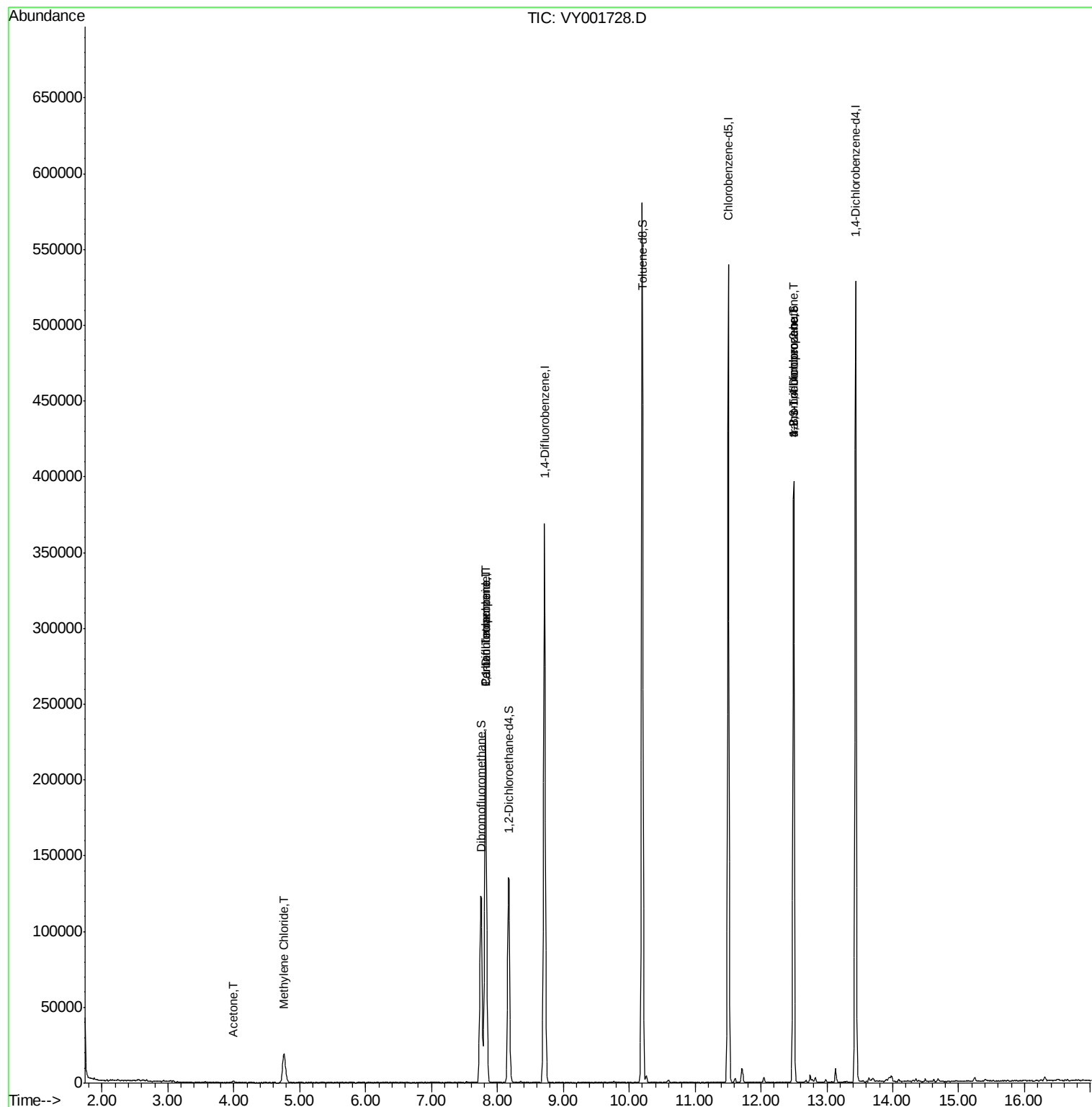
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	170719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	312654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	127571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	99627	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.75	113	89044	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
50) Toluene-d8	10.20	98	377390	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.50	95	133723	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.98	59	38	Below Cal	#	74
16) Acetone	3.99	43	2029	3.193	ug/l	93
20) Methylene Chloride	4.76	84	14793	6.555	ug/l	98
36) 1,1-Dichloropropene	7.82	75	14641	4.902	ug/l #	49
38) Carbon Tetrachloride	7.82	117	18385	7.009	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	67153	45.888	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	67153	87.058	ug/l #	17

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
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: VY001728.D

Acq: 20 Feb 2020 17:11

Instrument :

MSVOA_Y

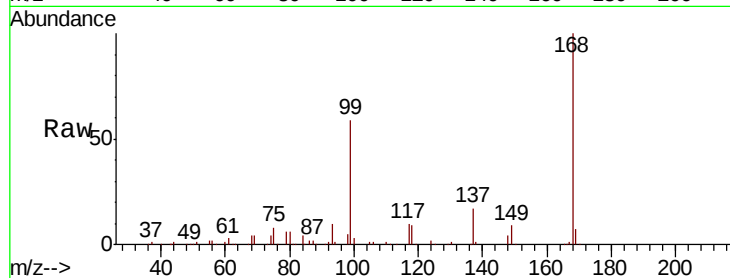
ClientSampled :

Tot Ion:168 Resp: 170719

Ion Ratio Lower Upper

168 100

99 58.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001728.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001728.D (-948) (-)

7.82

80000

60000

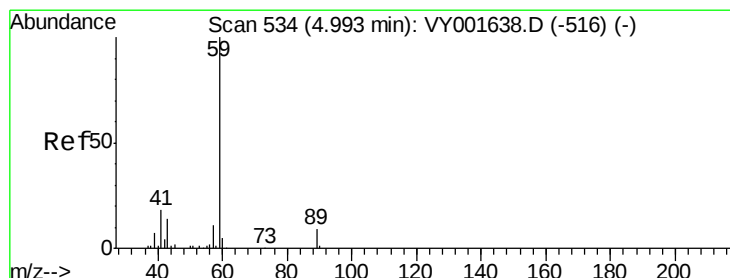
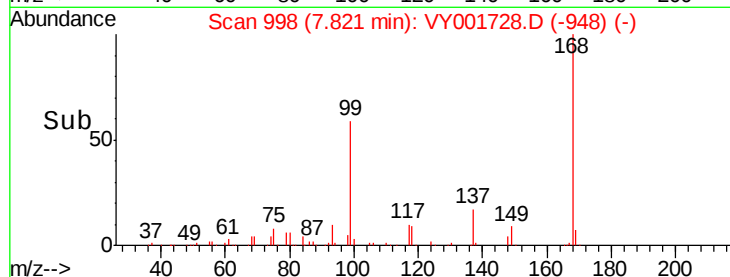
40000

20000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001728.D

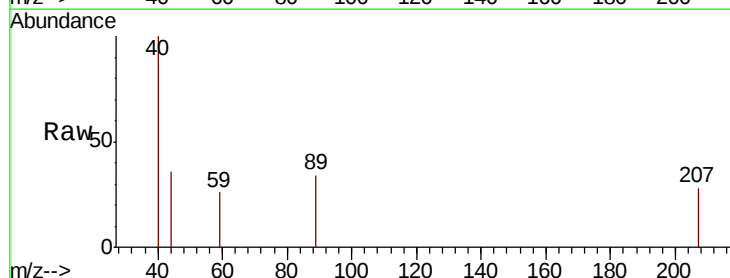
Acq: 20 Feb 2020 17:11

Tgt Ion: 59 Resp: 38

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001728.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001728.D (-485) (-)

4.98

80

60

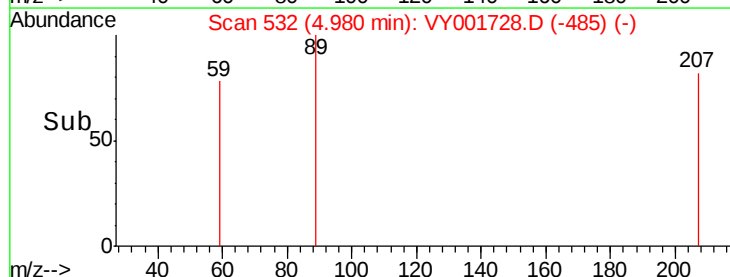
40

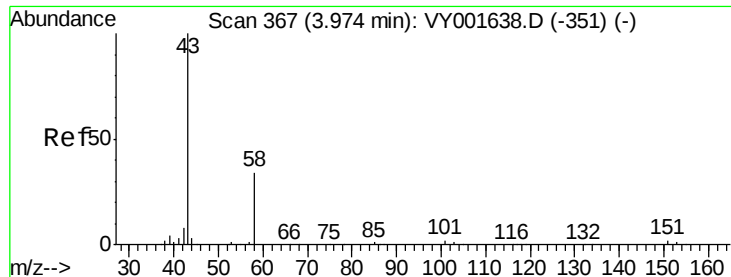
20

0

Time-->

4.95 4.96 4.97 4.98 4.99





#16

Acetone

Concen: 3.193 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001728.D

Acq: 20 Feb 2020 17:11

Instrument :

MSVOA_Y

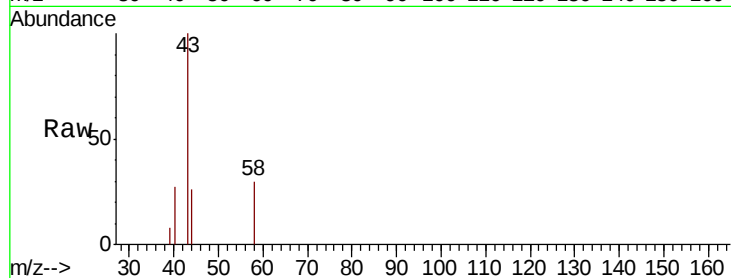
ClientSampleId :

Tot Ion: 43 Resp: 2029

Ion Ratio Lower Upper

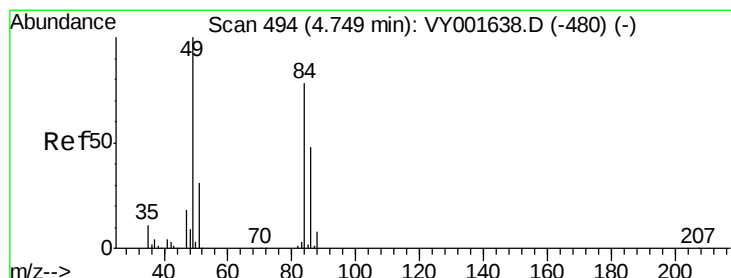
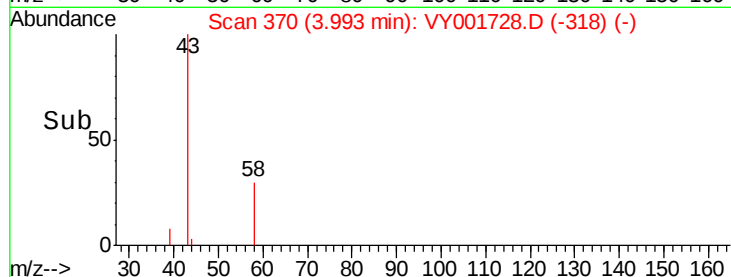
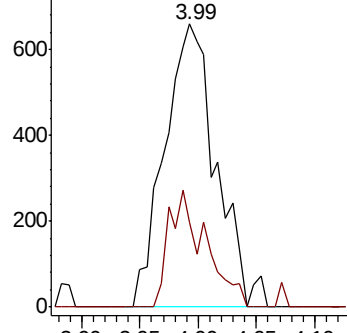
43 100

58 30.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001728.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VY001728.D (-370) (-)



#20

Methylene Chloride

Concen: 6.555 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001728.D

Acq: 20 Feb 2020 17:11

Tgt Ion: 84 Resp: 14793

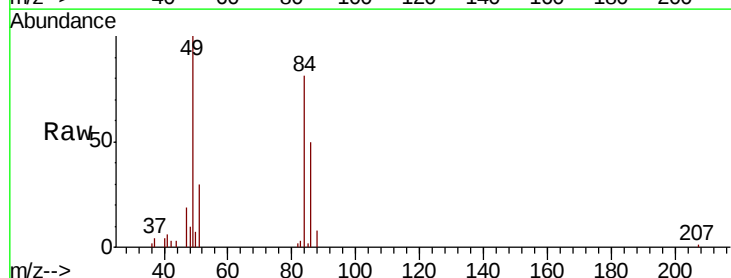
Ion Ratio Lower Upper

84 100

49 123.2 99.2 148.8

51 36.4 31.5 47.3

86 61.5 51.0 76.6

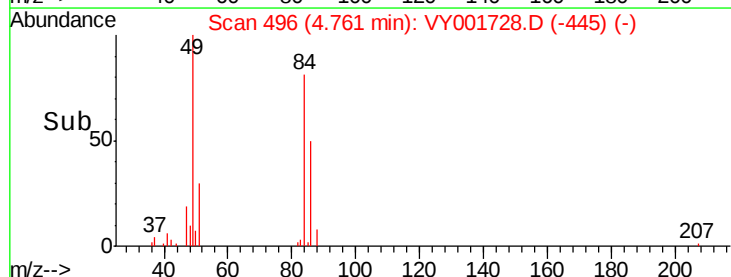
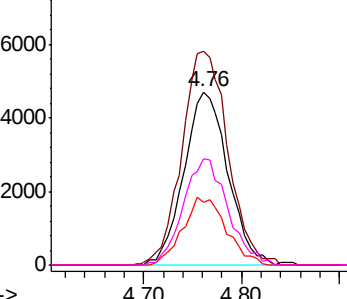


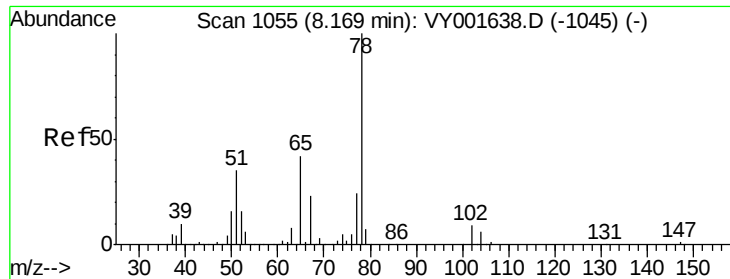
Abundance Ion 83.90 (83.60 to 84.60): VY001728.D (-496) (-)

Ion 48.90 (48.60 to 49.60): VY001728.D (-496) (-)

Ion 50.90 (50.60 to 51.60): VY001728.D (-496) (-)

Ion 85.90 (85.60 to 86.60): VY001728.D (-496) (-)

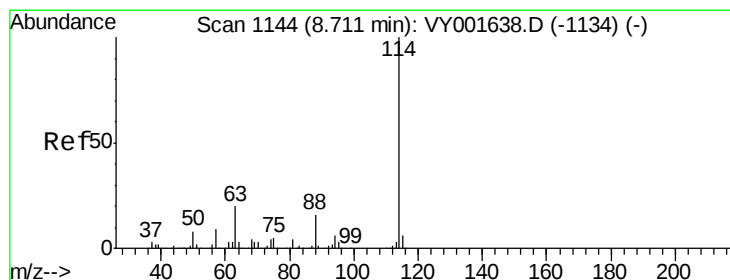
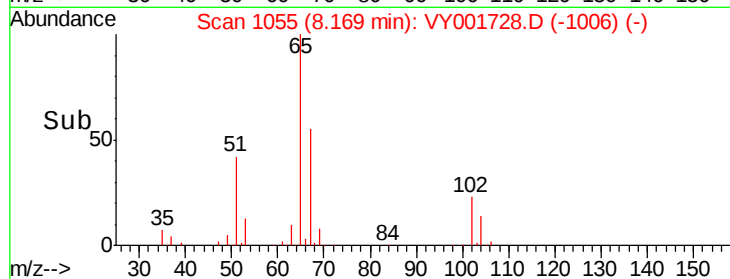
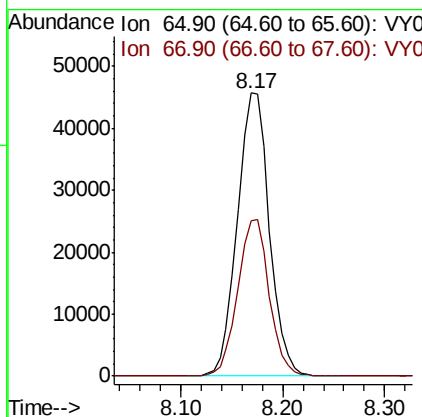
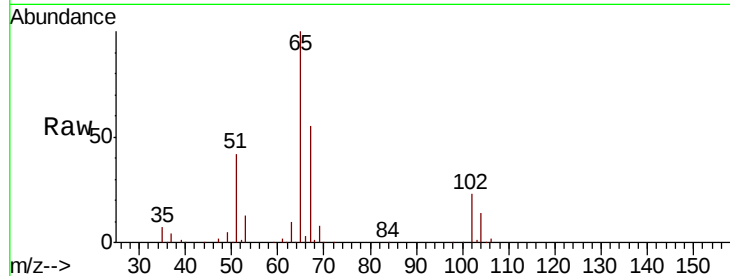




#33
 1,2-Dichloroethane-d4
 Concen: 54.253 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001728.D
 Acq: 20 Feb 2020 17:11

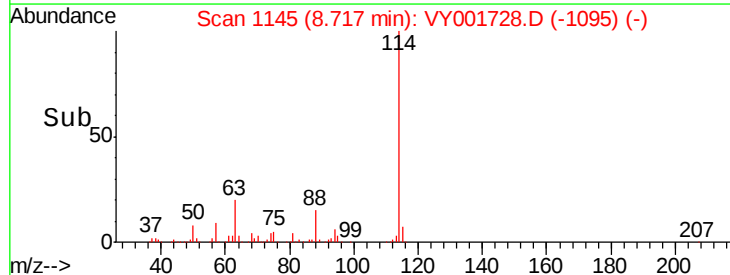
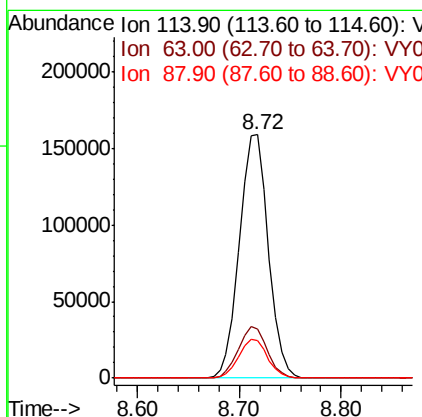
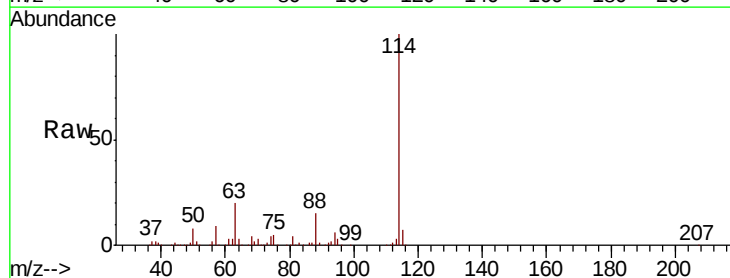
Instrument :
 MSVOA_Y
 ClientSampled :

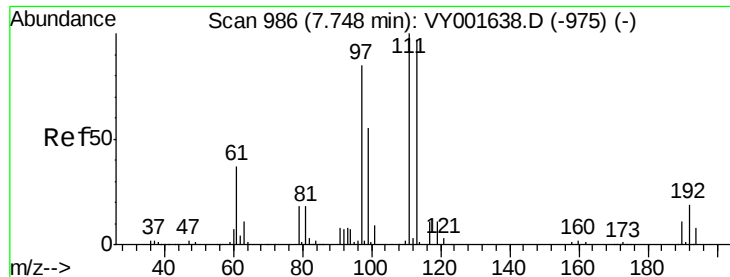
Tot Ion: 65 Resp: 99627
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001728.D
 Acq: 20 Feb 2020 17:11

Tgt Ion: 114 Resp: 312654
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.3 0.0 32.8

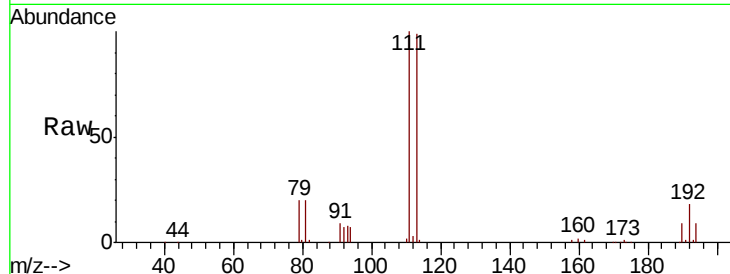




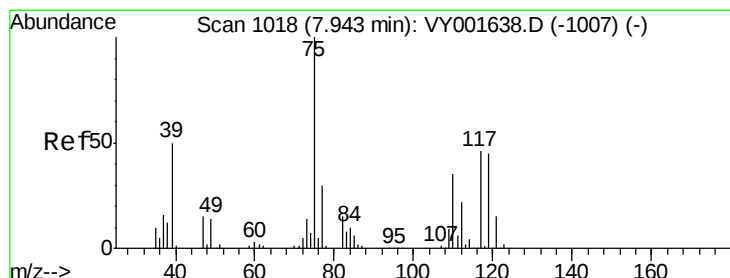
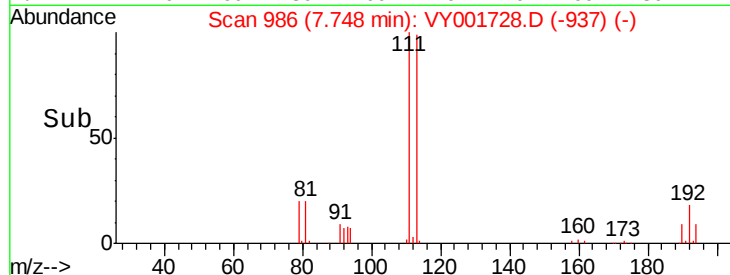
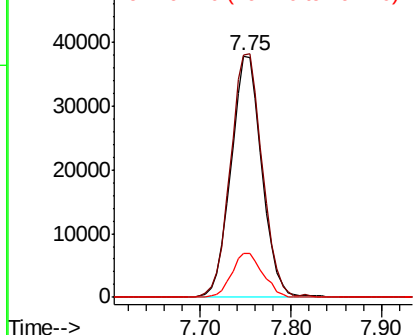
#35
 Dibromofluoromethane
 Concen: 49.725 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001728.D
 Acq: 20 Feb 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 89044
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.9 122.9
 192 18.5 14.3 21.5

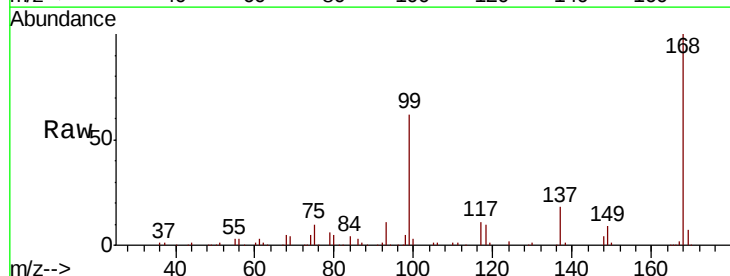


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

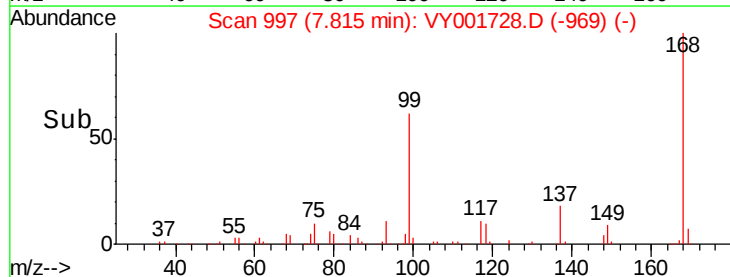
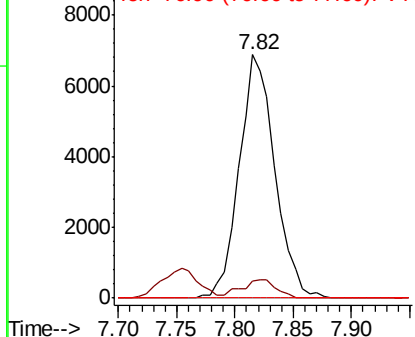


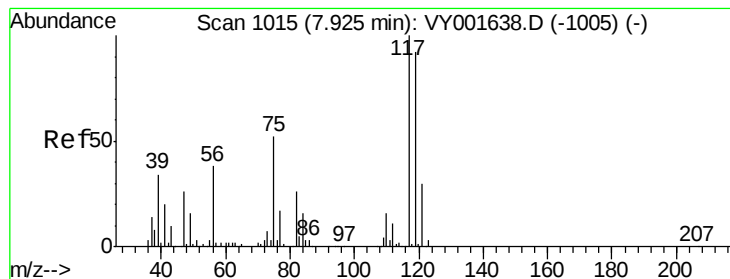
#36
 1,1-Dichloropropene
 Concen: 4.902 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001728.D
 Acq: 20 Feb 2020 17:11

Tgt Ion: 75 Resp: 14641
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.2 51.6#
 77 0.0 24.8 37.2#



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: 7.009 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY001728.D

Acq: 20 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampled :

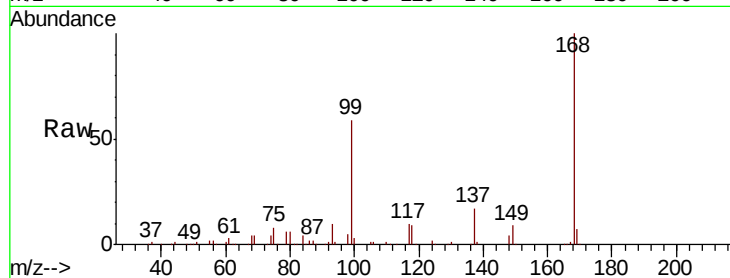
Tot Ion:117 Resp: 18385

Ion Ratio Lower Upper

117 100

119 4.5 74.8 112.2#

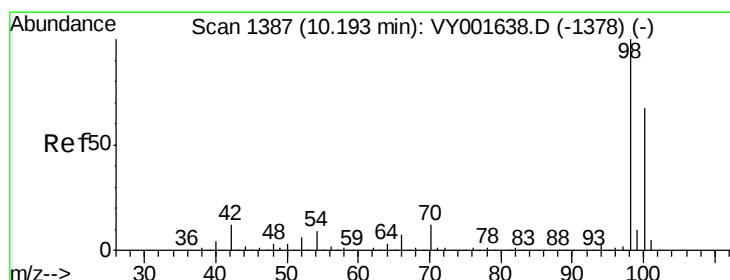
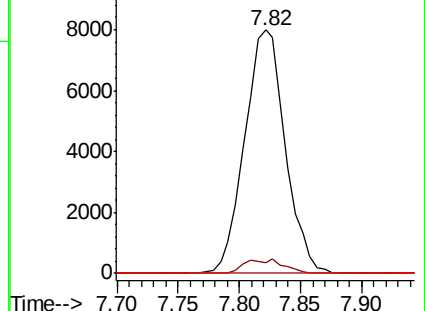
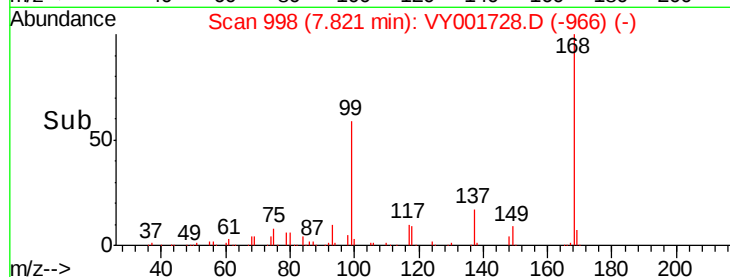
121 0.0 23.8 35.6#



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: 53.793 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001728.D

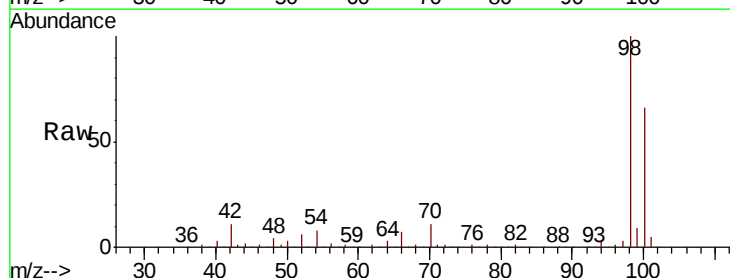
Acq: 20 Feb 2020 17:11

Tgt Ion: 98 Resp: 377390

Ion Ratio Lower Upper

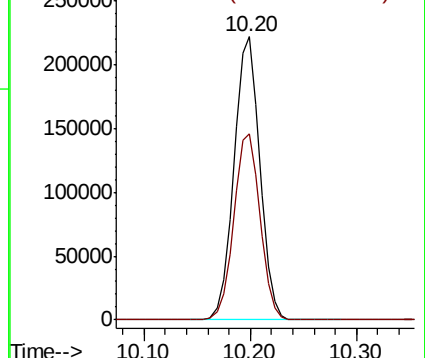
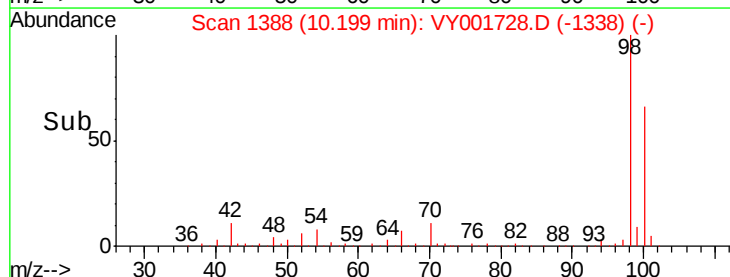
98 100

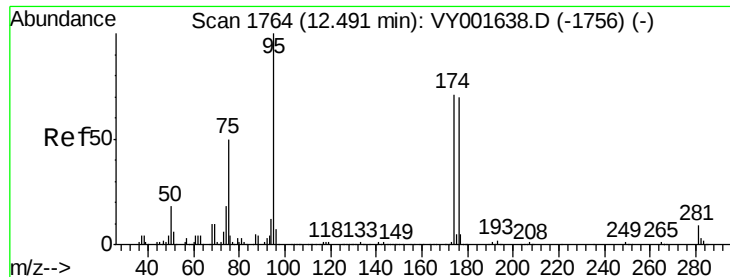
100 66.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

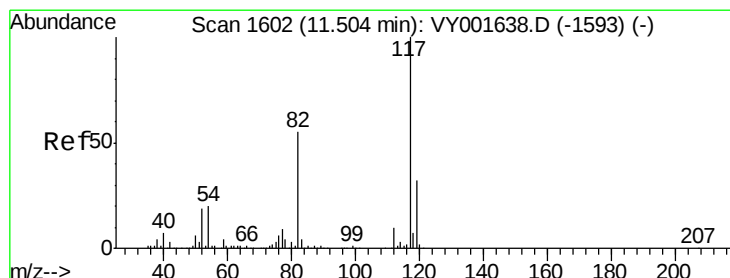
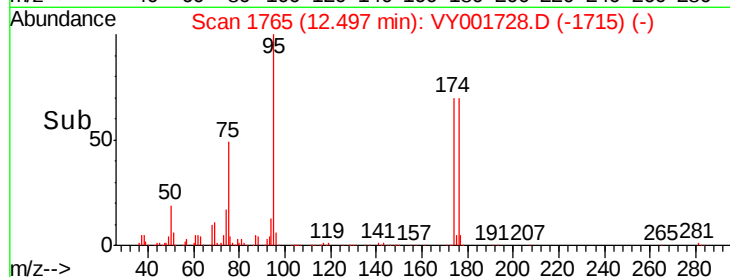
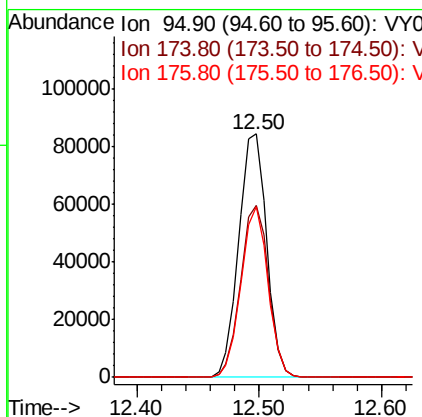
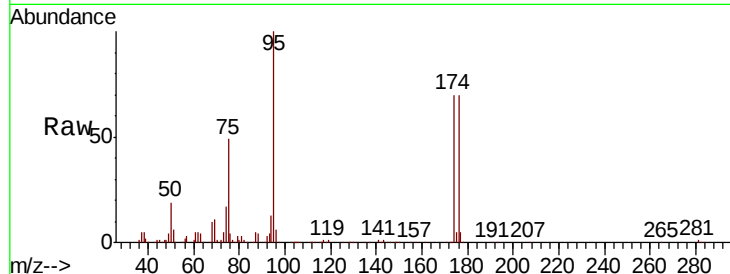




#62
4-Bromofluorobenzene
Concen: 49.064 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001728.D
Acq: 20 Feb 2020 17:11

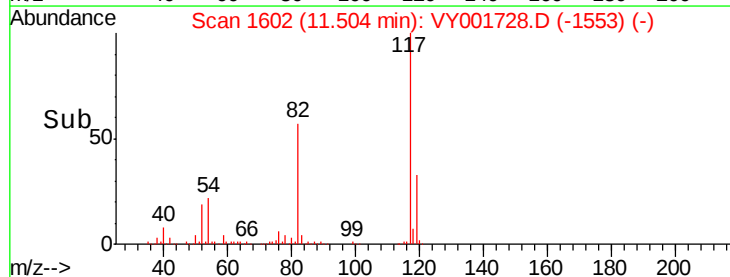
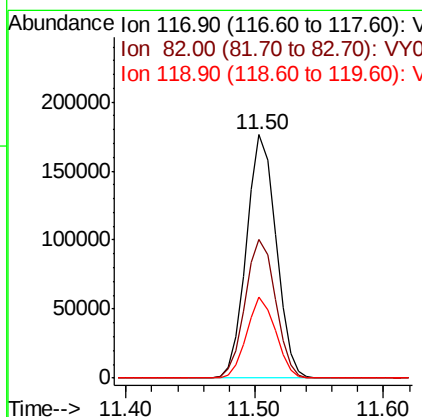
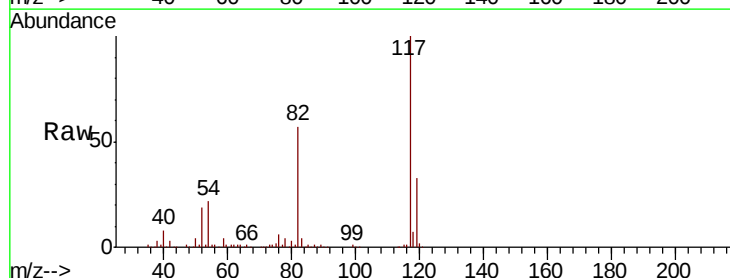
Instrument :
MSVOA_Y
ClientSampleId :

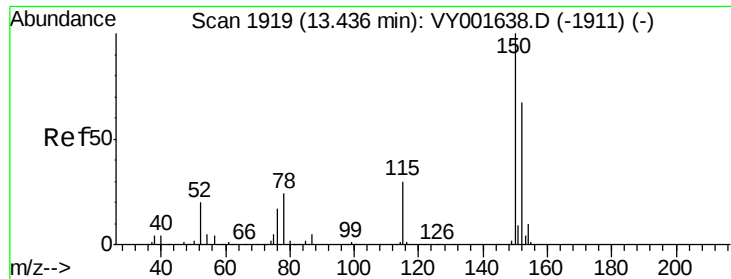
Tot Ion: 95 Resp: 133723
Ion Ratio Lower Upper
95 100
174 70.8 0.0 138.4
176 67.8 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001728.D
Acq: 20 Feb 2020 17:11

Tgt Ion: 117 Resp: 279848
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 33.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001728.D

Acq: 20 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

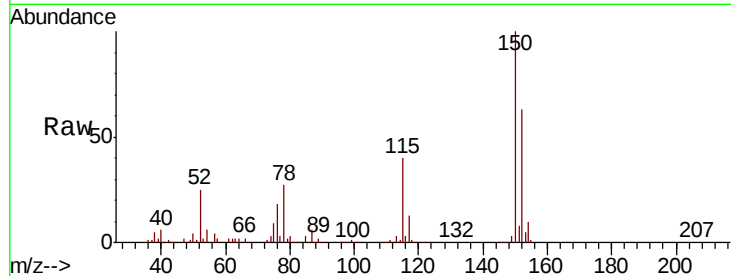
Tot Ion:152 Resp: 127571

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.2

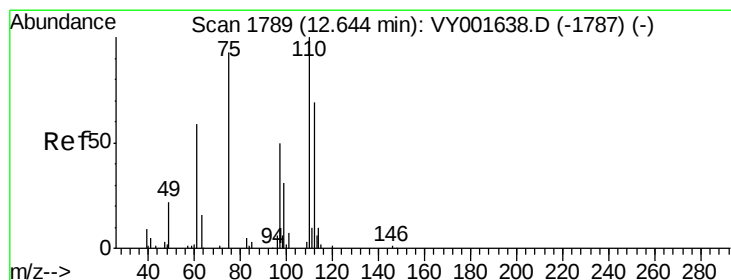
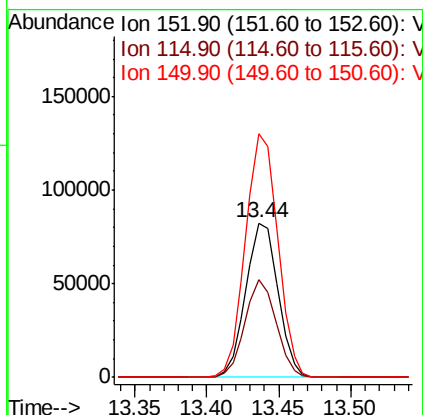
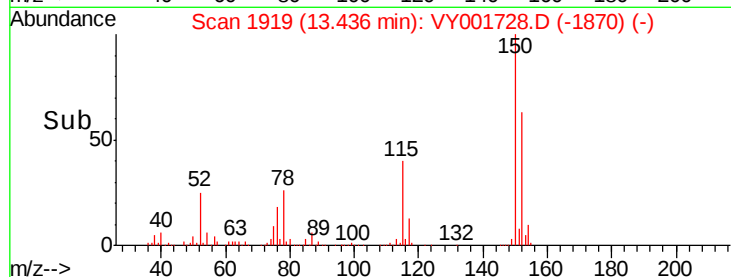
150 158.8 0.0 407.2



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: 45.888 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001728.D

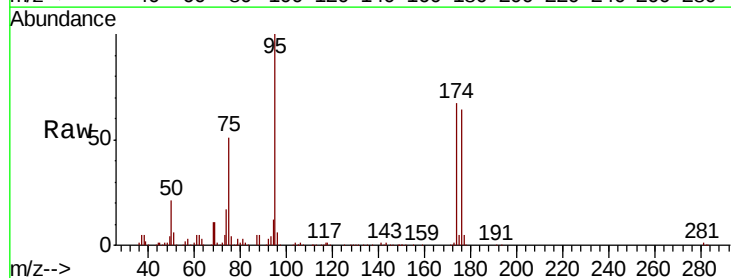
Acq: 20 Feb 2020 17:11

Tgt Ion: 75 Resp: 67153

Ion Ratio Lower Upper

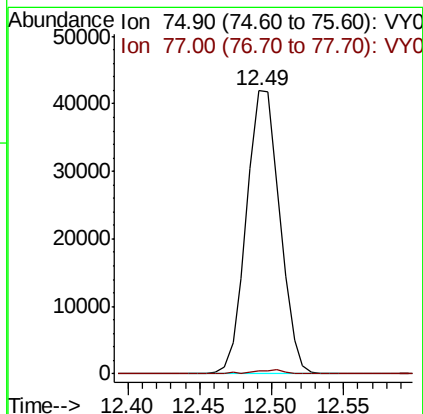
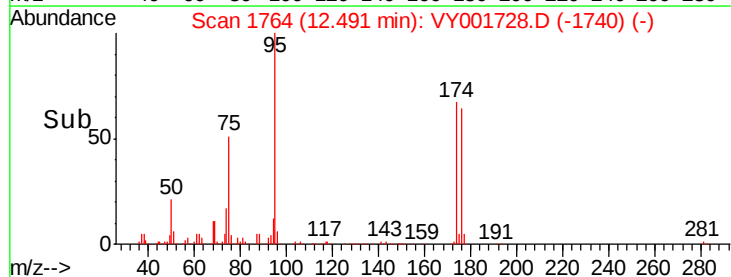
75 100

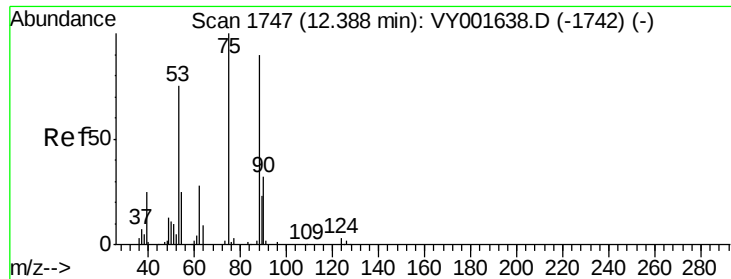
77 1.4 0.0 0.0#



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: 87.058 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001728.D

Acq: 20 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

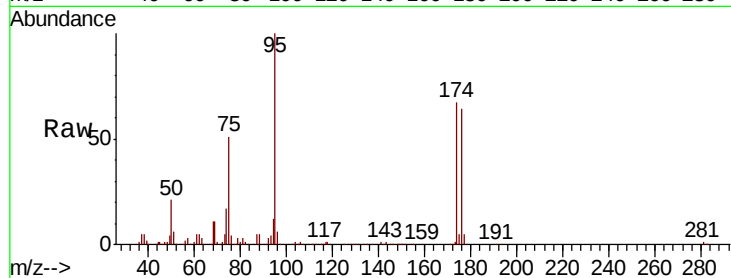
Tot Ion: 75 Resp: 67153

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#



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

