

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001788.D
 Acq On : 26 Feb 2020 17:36
 Operator : SY/MD
 Sample : L1696-02
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 27 02:26:17 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

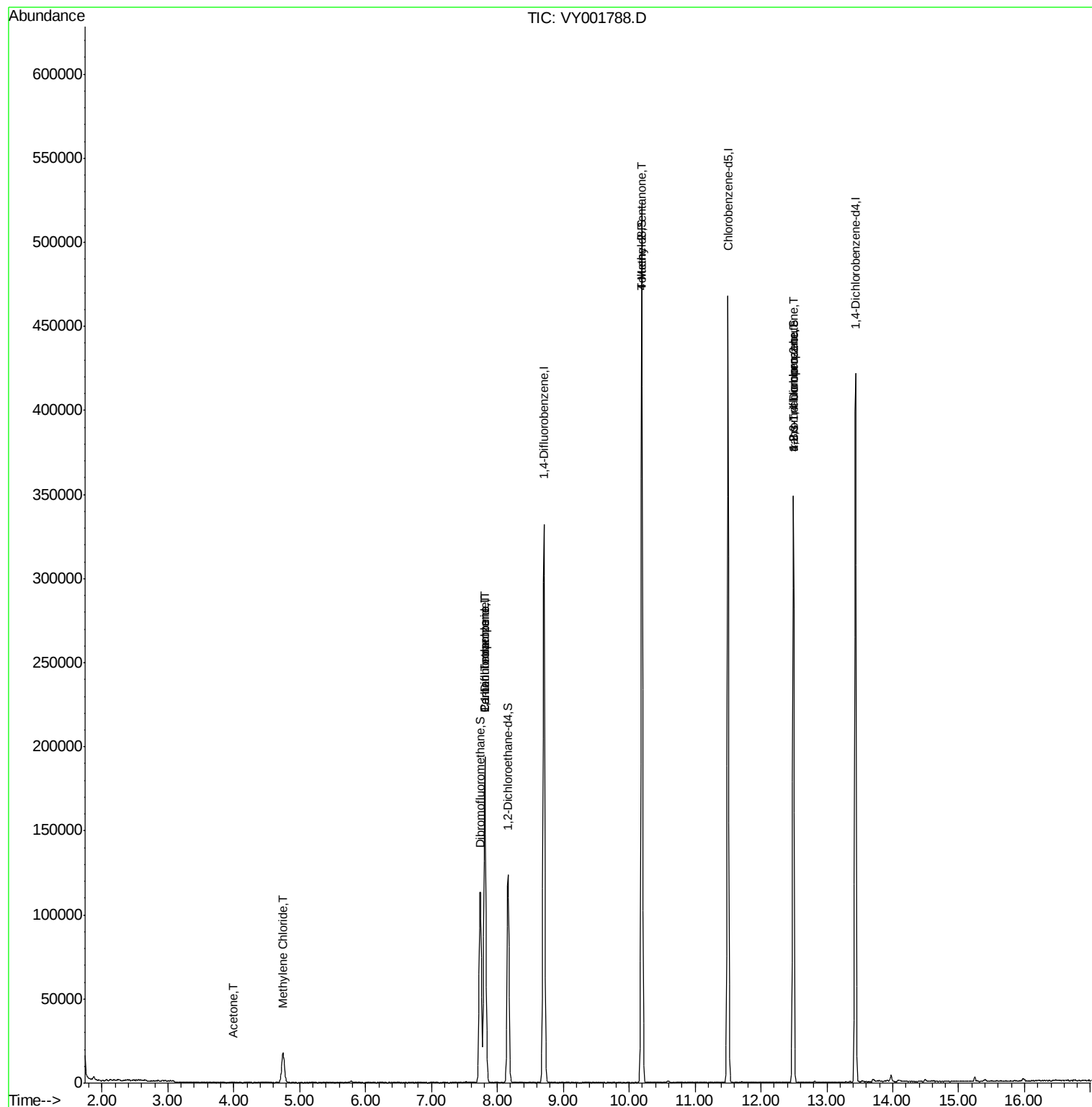
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	146706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	102498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90878	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
35) Dibromofluoromethane	7.74	113	80907	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.19	98	339731	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
62) 4-Bromofluorobenzene	12.49	95	111067	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.00	59	28	Below Cal	#	74
16) Acetone	3.99	43	625	1.145	ug/l	97
20) Methylene Chloride	4.74	84	12525	6.458	ug/l	93
36) 1,1-Dichloropropene	7.81	75	11833	4.428	ug/l #	50
38) Carbon Tetrachloride	7.81	117	15203	6.478	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1569	1.009	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	55686	47.361	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55686	89.851	ug/l #	17

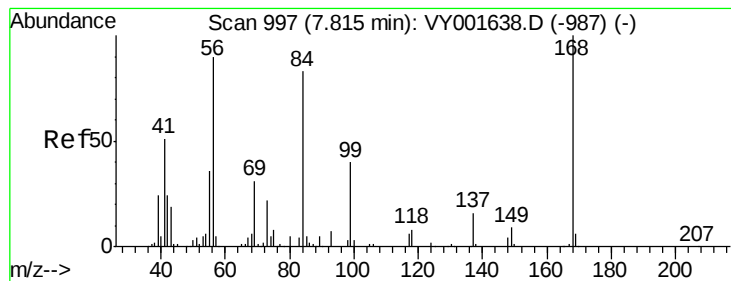
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

Instrument :

MSVOA_Y

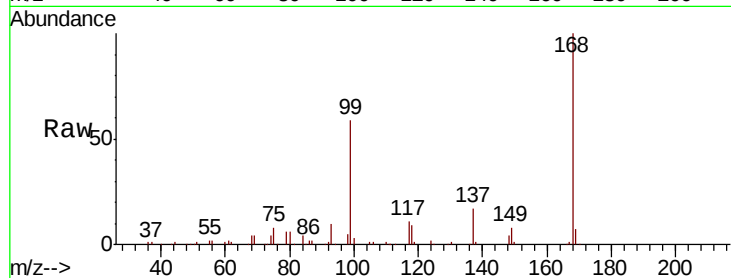
ClientSampleId :

Tot Ion:168 Resp: 146706

Ion Ratio Lower Upper

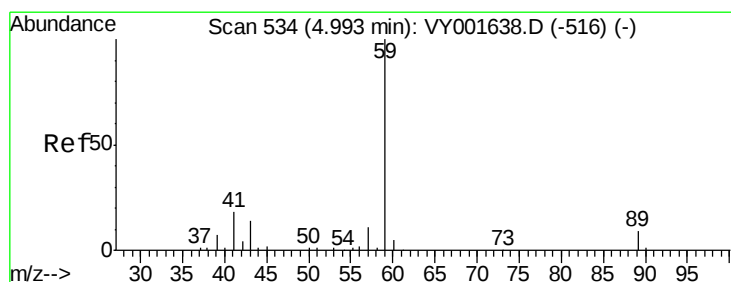
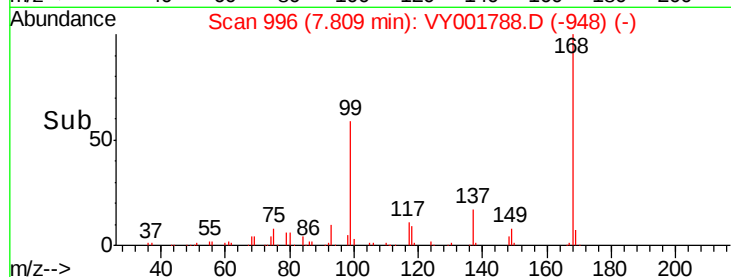
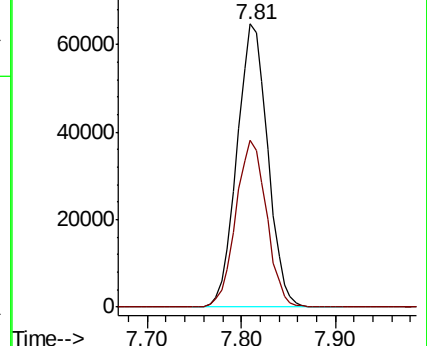
168 100

99 59.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 536

Delta R.T. 0.01 min

Lab File: VY001788.D

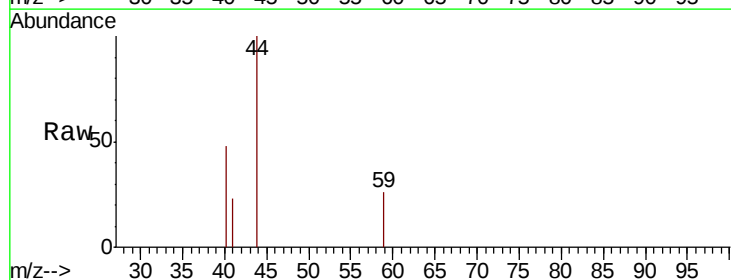
Acq: 26 Feb 2020 17:36

Tgt Ion: 59 Resp: 28

Ion Ratio Lower Upper

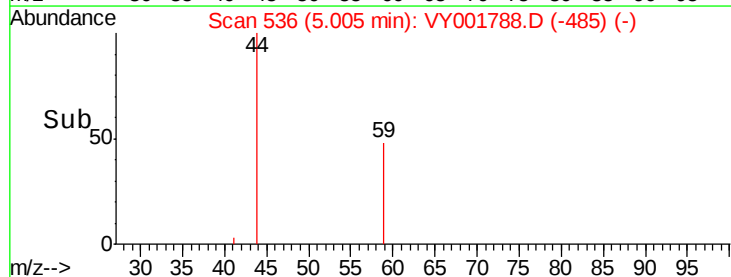
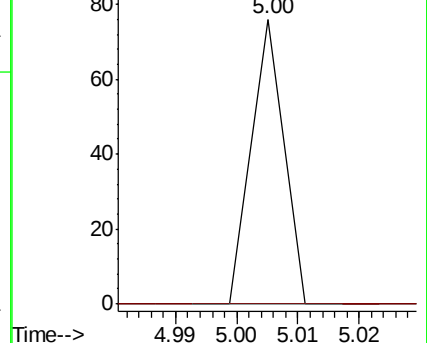
59 100

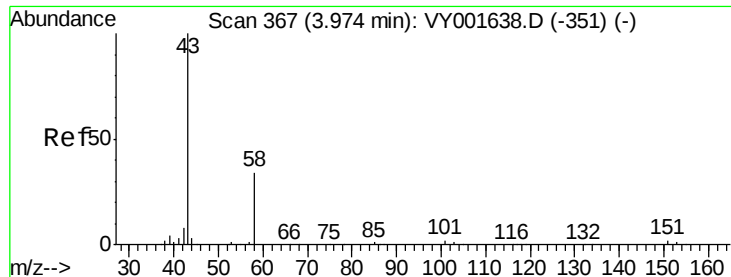
57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001638.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY001638.D (-516) (-)





#16

Acetone

Concen: 1.145 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

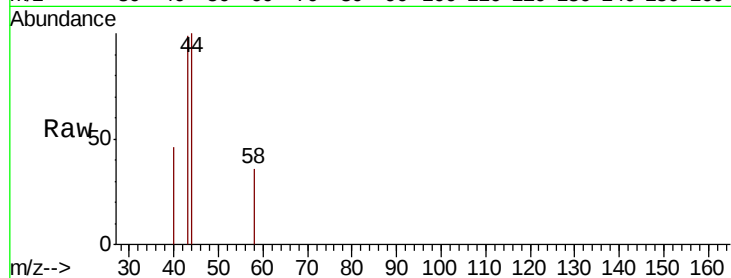
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 625

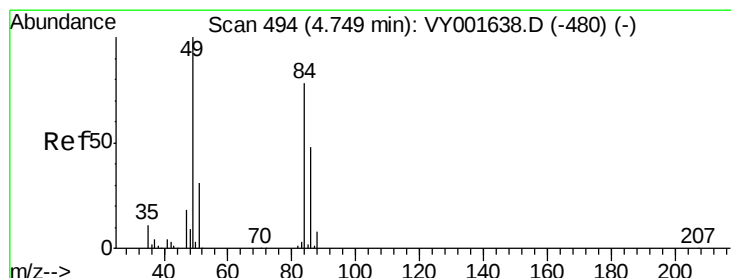
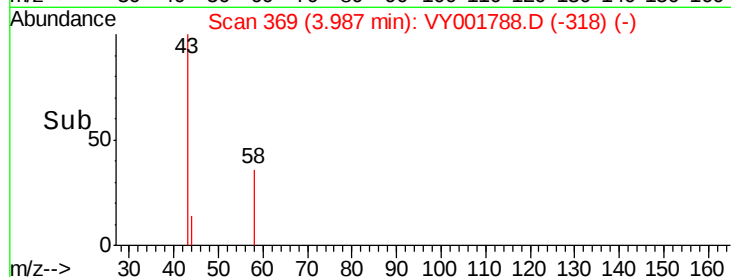
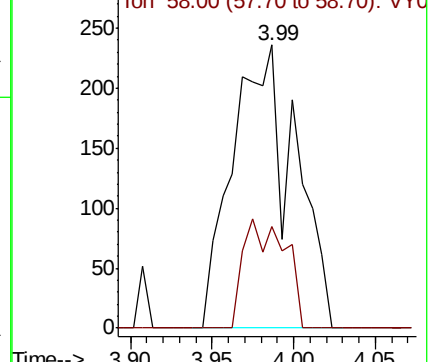
Ion Ratio Lower Upper

43 100

58 36.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-351) (-)



#20

Methylene Chloride

Concen: 6.458 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

Tgt Ion: 84 Resp: 12525

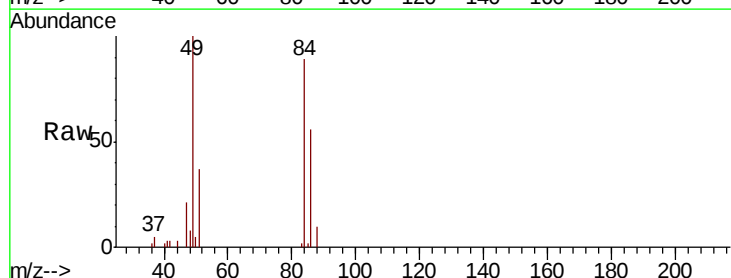
Ion Ratio Lower Upper

84 100

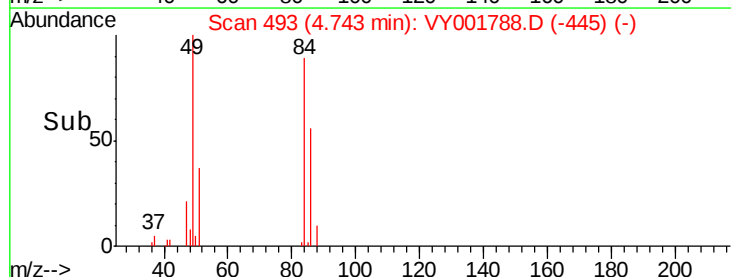
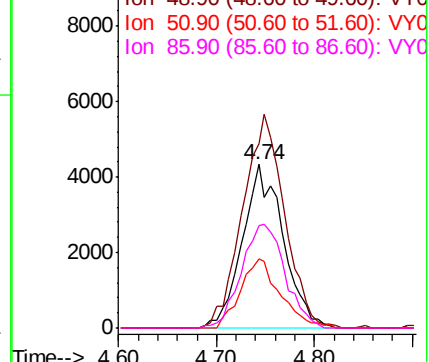
49 112.4 99.2 148.8

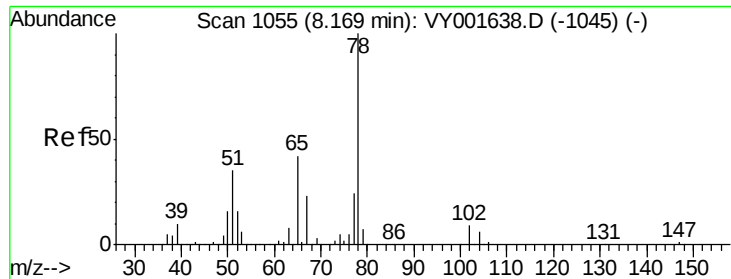
51 42.1 31.5 47.3

86 62.8 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

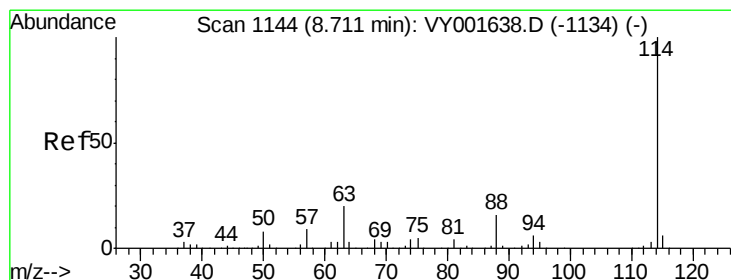
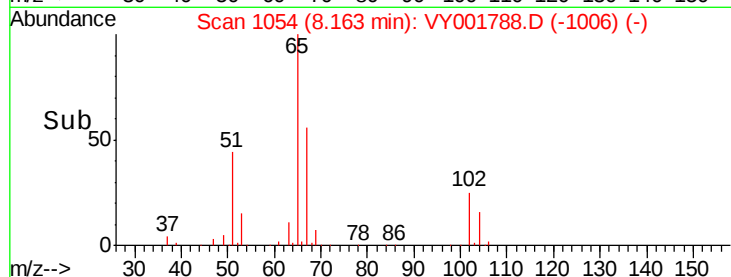
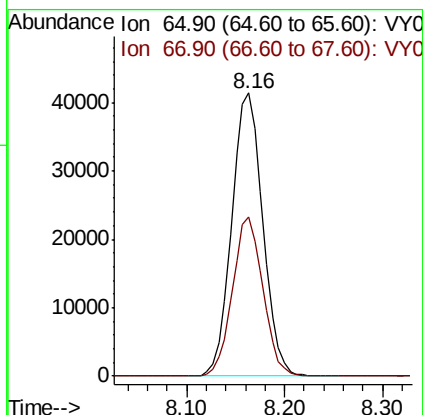
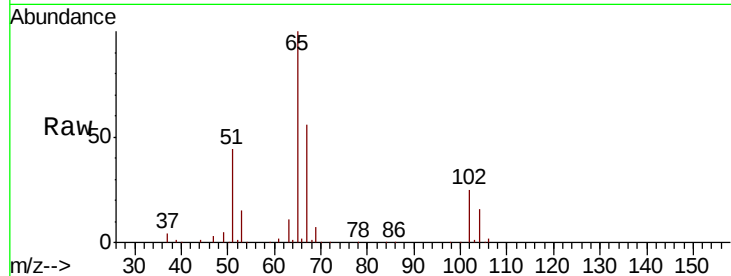




#33
 1,2-Dichloroethane-d4
 Concen: 57.589 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

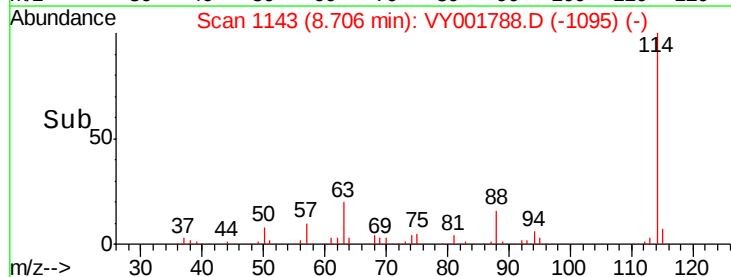
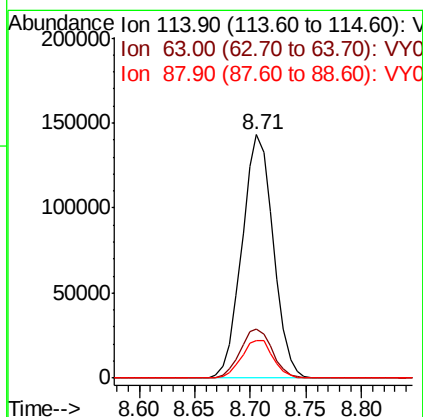
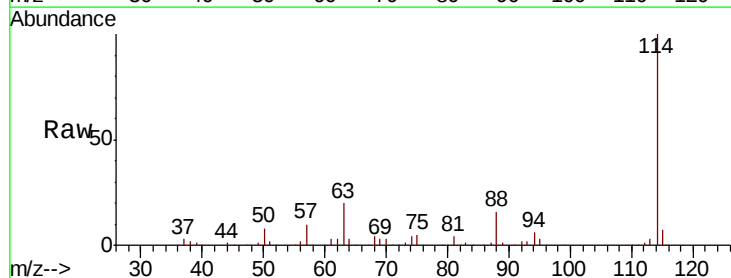
Instrument :
 MSVOA_Y
 ClientSampleId :

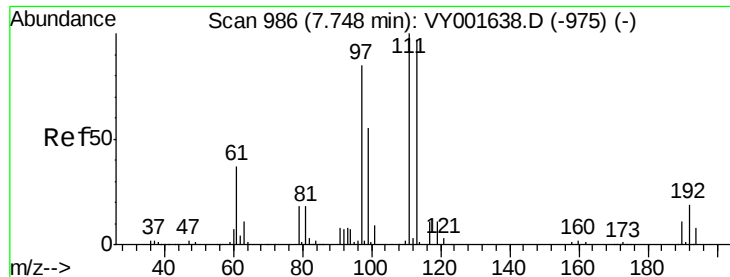
Tot Ion: 65 Resp: 90878
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

Tgt Ion: 114 Resp: 279736
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.497 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

Instrument :
MSVOA_Y
ClientSampleId :

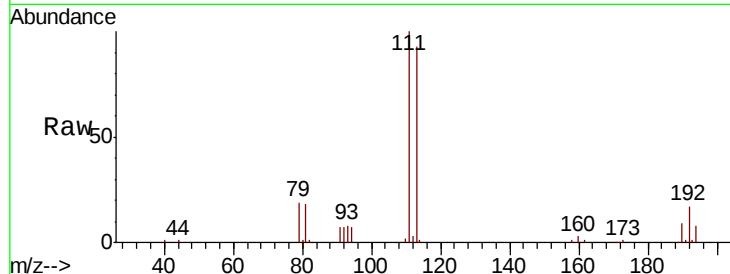
Tot Ion:113 Resp: 80907

Ion Ratio Lower Upper

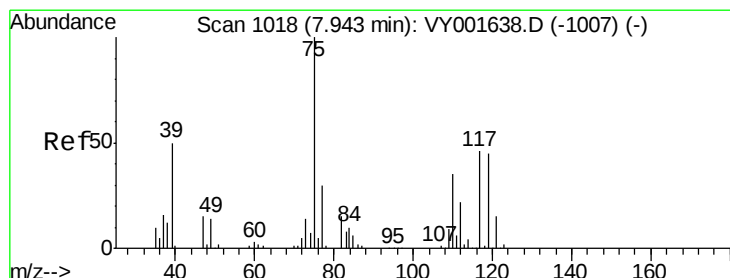
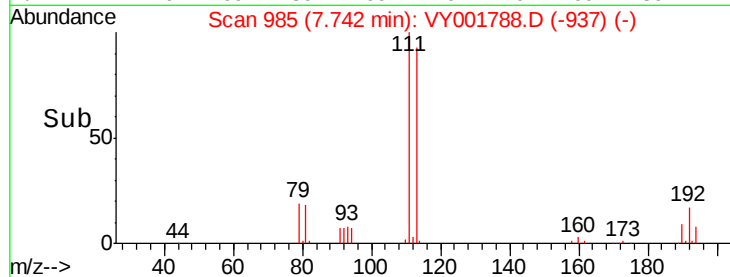
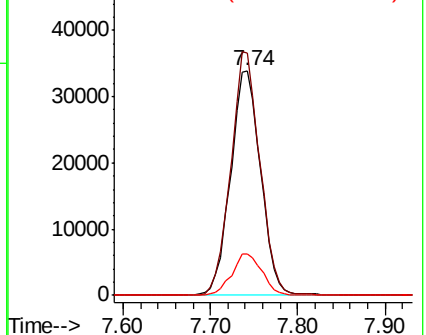
113 100

111 105.2 81.9 122.9

192 18.4 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: 4.428 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

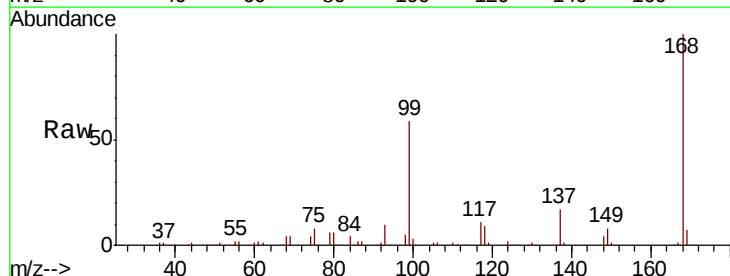
Tgt Ion: 75 Resp: 11833

Ion Ratio Lower Upper

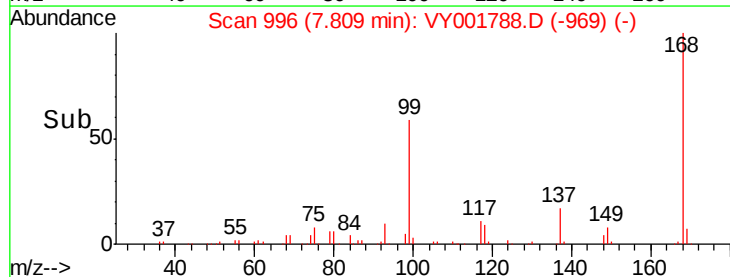
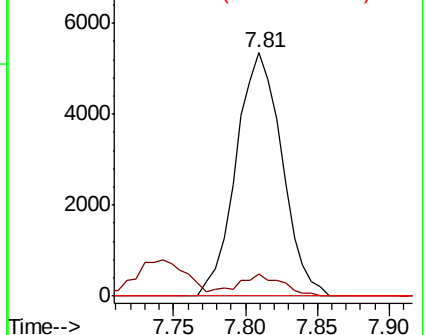
75 100

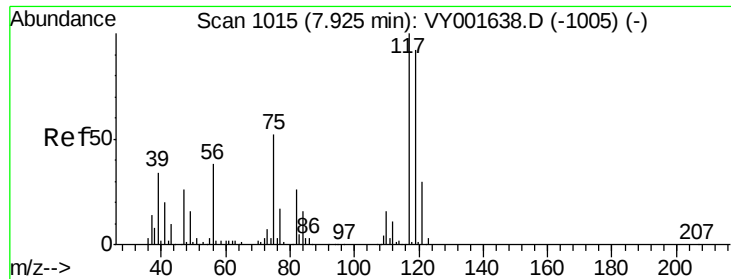
110 8.5 17.2 51.6#

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

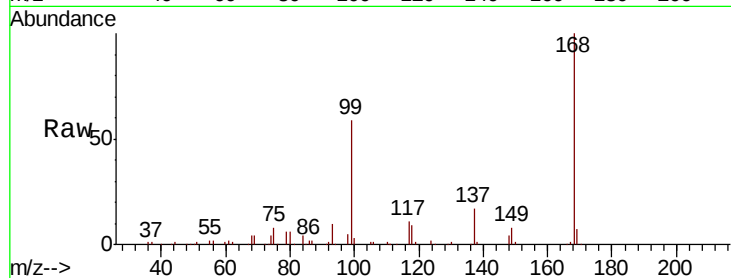




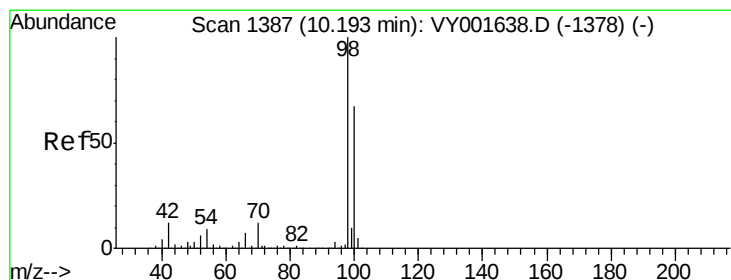
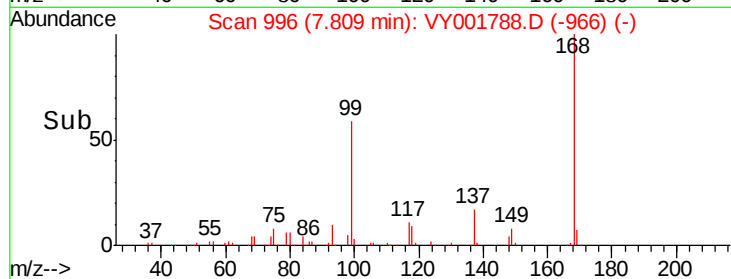
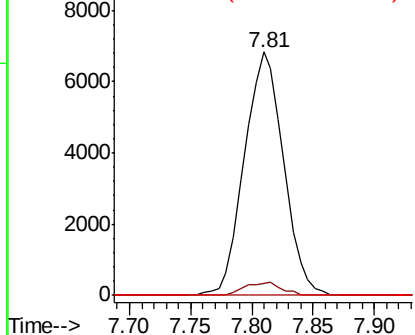
#38
 Carbon Tetrachloride
 Concen: 6.478 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:117 Resp: 15203
 Ion Ratio Lower Upper
 117 100
 119 4.8 74.8 112.2#
 121 0.0 23.8 35.6#

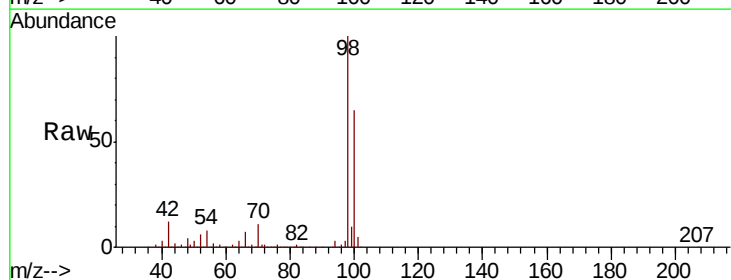


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

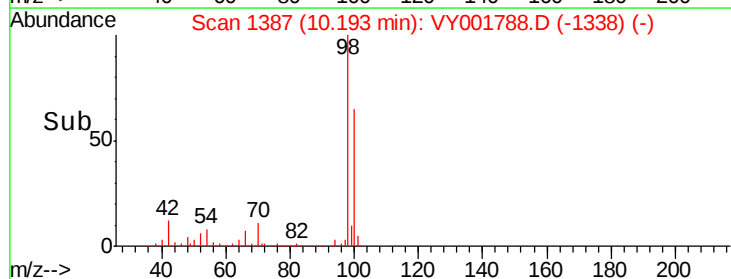
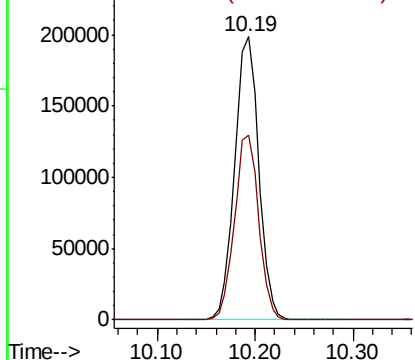


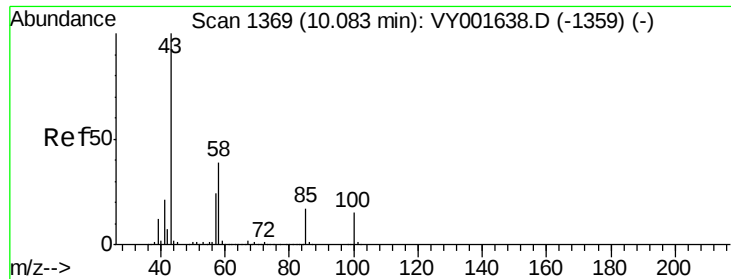
#50
 Toluene-d8
 Concen: 54.124 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

Tgt Ion: 98 Resp: 339731
 Ion Ratio Lower Upper
 98 100
 100 65.4 53.0 79.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.009 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

Instrument :

MSVOA_Y

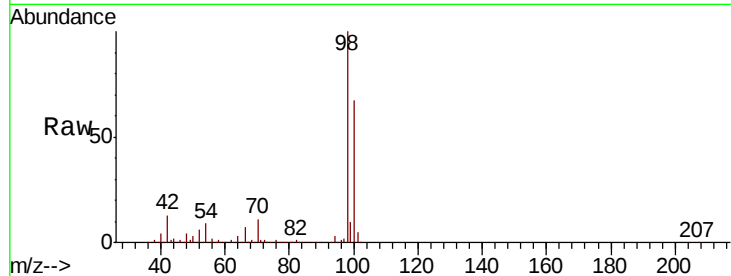
ClientSampleId :

Tot Ion: 43 Resp: 1569

Ion Ratio Lower Upper

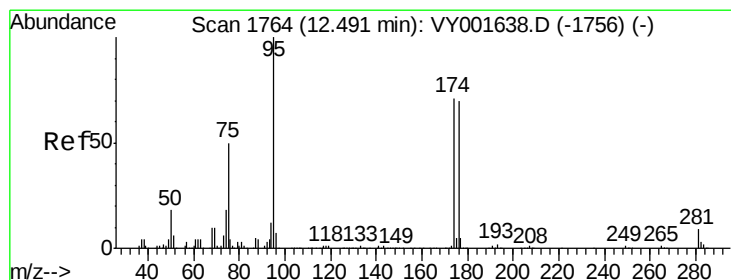
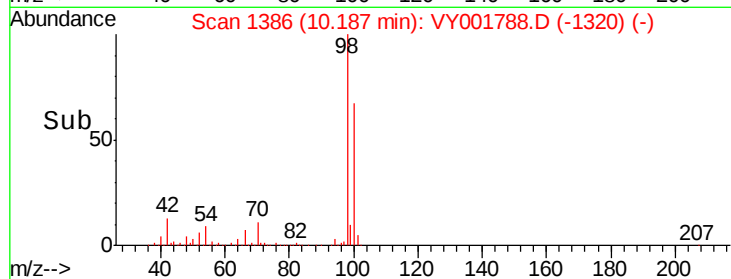
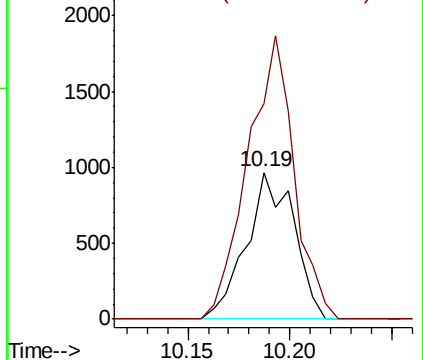
43 100

58 187.6 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 45.547 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

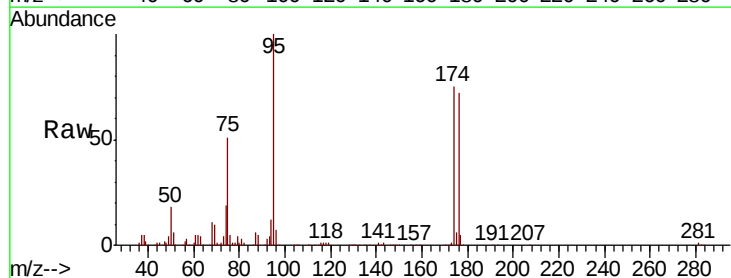
Tgt Ion: 95 Resp: 111067

Ion Ratio Lower Upper

95 100

174 72.9 0.0 138.4

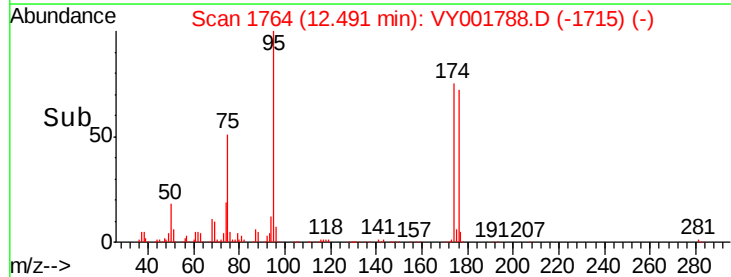
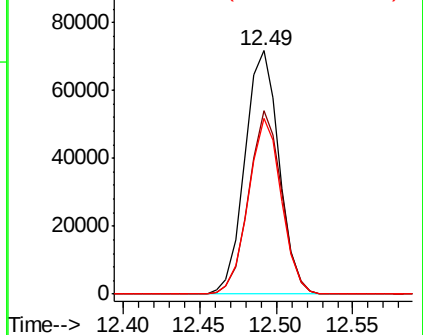
176 70.2 0.0 131.8

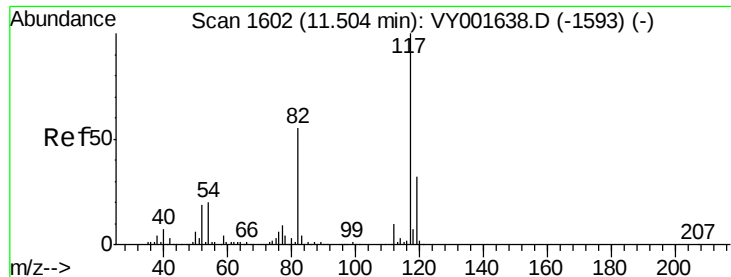


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

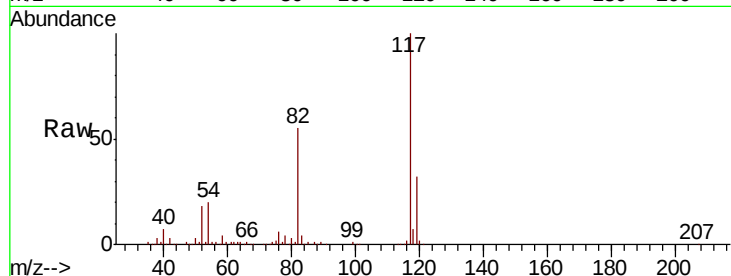




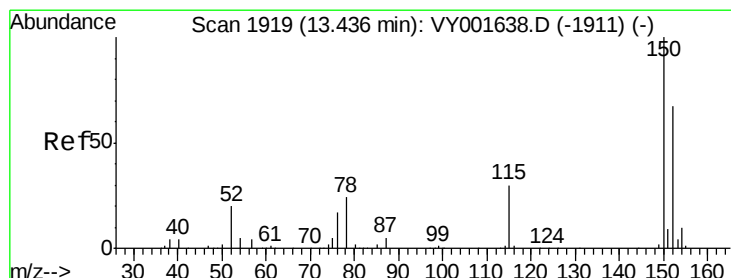
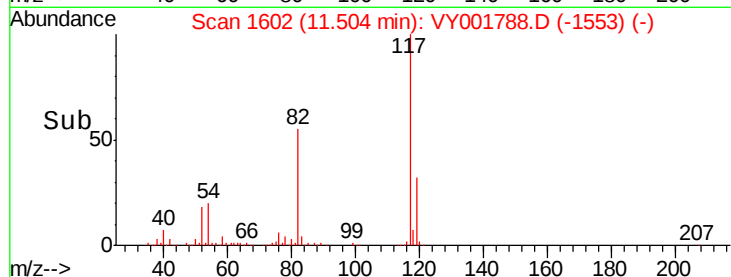
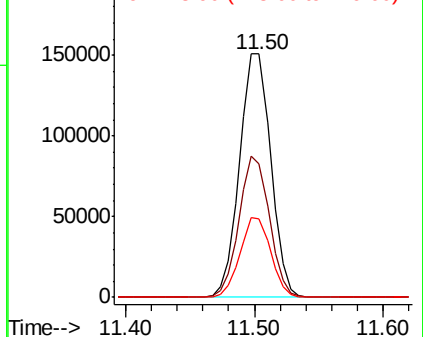
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001788.D
Acq: 26 Feb 2020 17:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 253204
Ion Ratio Lower Upper
117 100
82 54.8 45.5 68.3
119 32.2 25.8 38.6

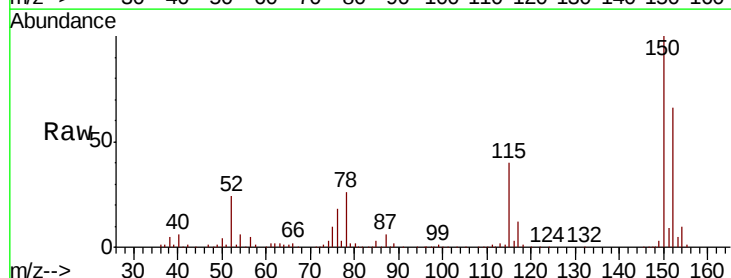


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

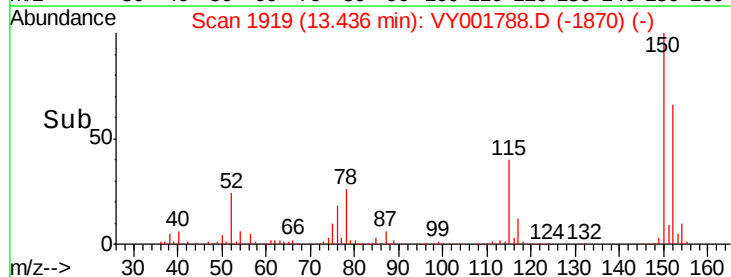
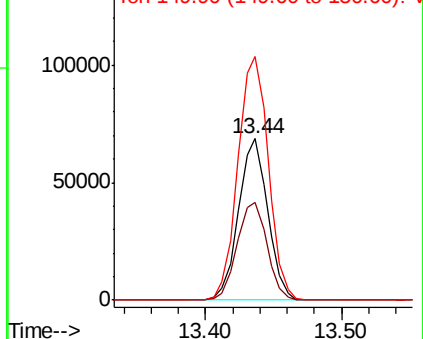


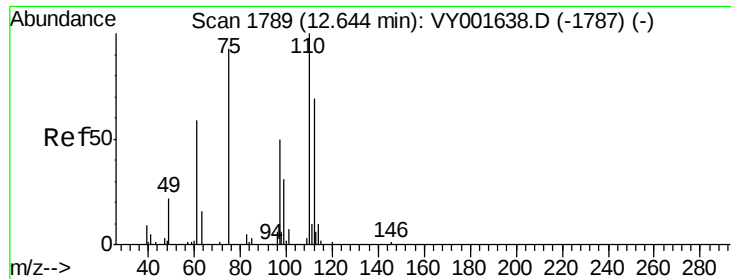
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001788.D
Acq: 26 Feb 2020 17:36

Tgt Ion:152 Resp: 102498
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.2
150 157.7 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: 47.361 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

Instrument :

MSVOA_Y

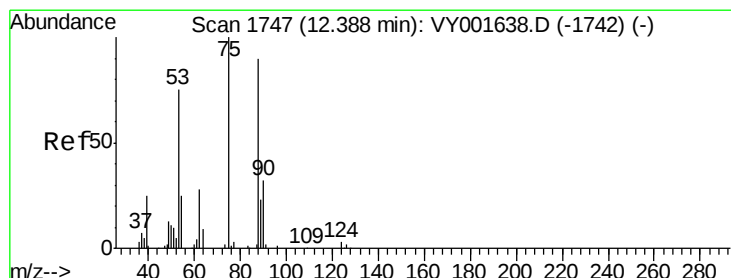
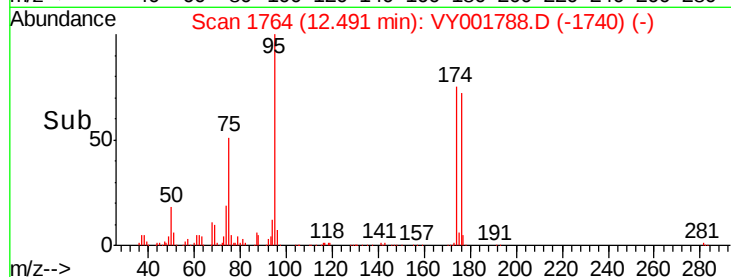
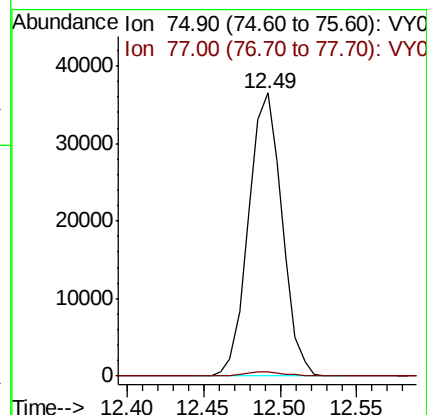
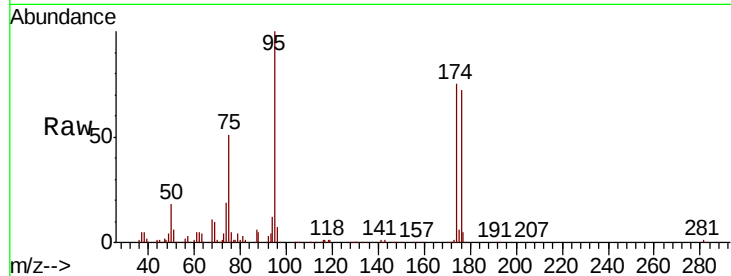
ClientSampleId :

Tot Ion: 75 Resp: 55686

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.851 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

Tgt Ion: 75 Resp: 55686

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 36.3 54.5#

