

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002202.D
 Acq On : 02 Apr 2020 18:58
 Operator : SY/MD
 Sample : L2147-04
 Misc : 4.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:18:03 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

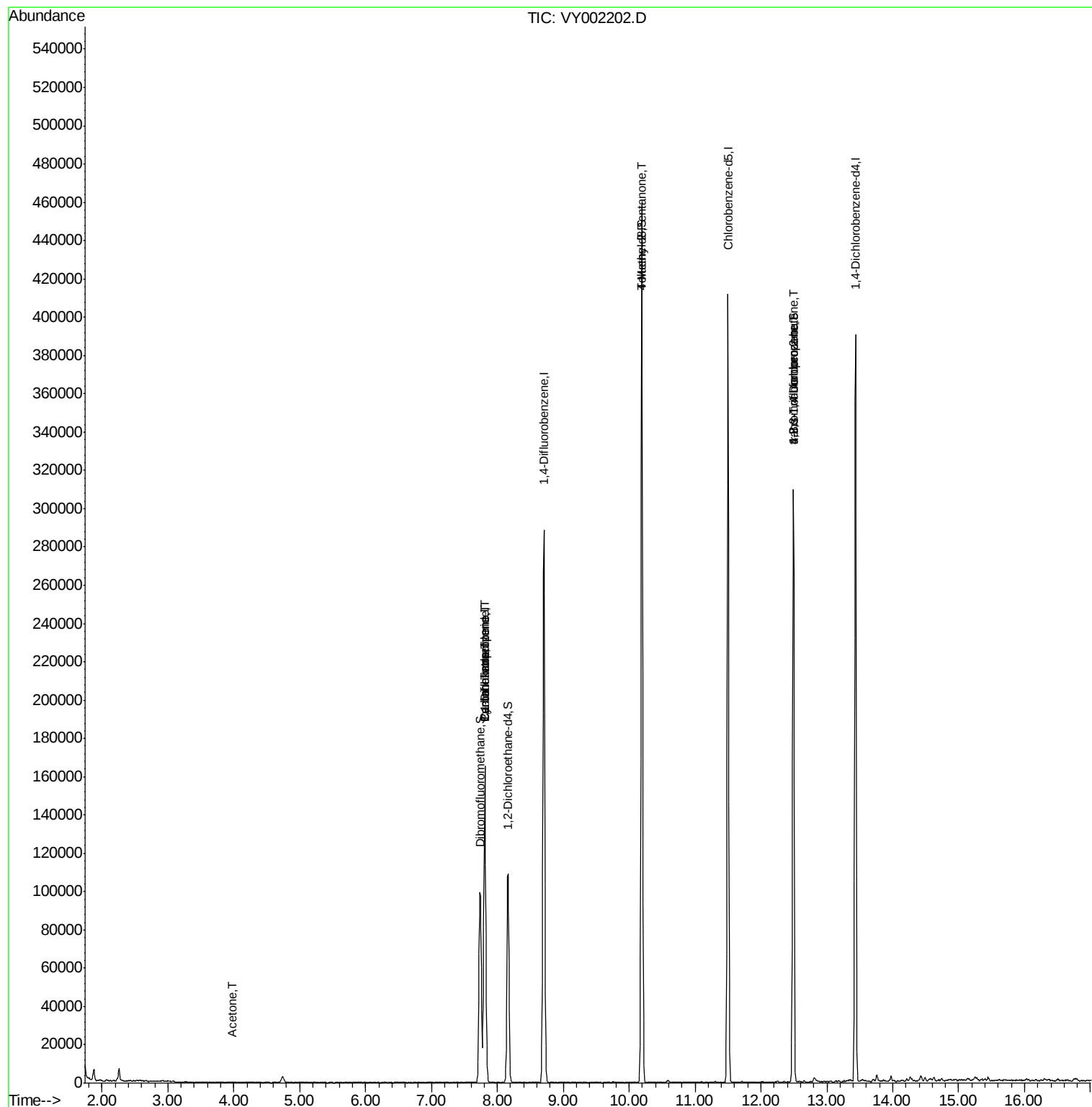
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	122261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	224691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80208	59.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.68%	
35) Dibromofluoromethane	7.74	113	73486	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
50) Toluene-d8	10.19	98	299293	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.49	95	101364	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	652	1.717	ug/l #	64
20) Methylene Chloride	4.74	84	2381	Below Cal		93
31) Cyclohexane	7.80	56	3210	1.140	ug/l #	14
36) 1,1-Dichloropropene	7.81	75	10585	4.608	ug/l #	50
38) Carbon Tetrachloride	7.81	117	12327	6.325	ug/l #	16
51) 4-Methyl-2-Pentanone	10.18	43	1467	1.106	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	52185	49.597	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52185	96.088	ug/l #	17

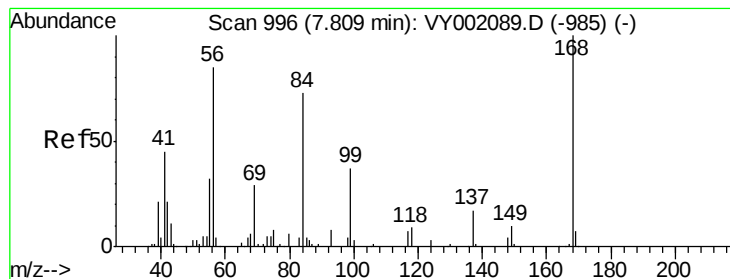
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

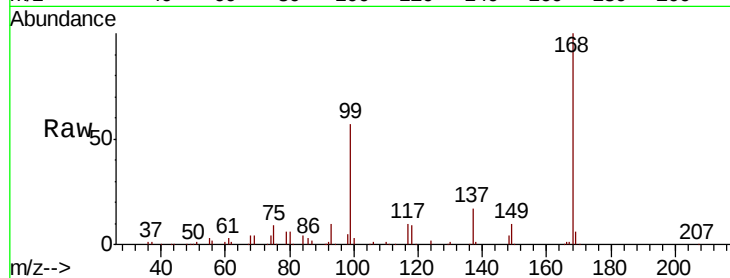
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 122261

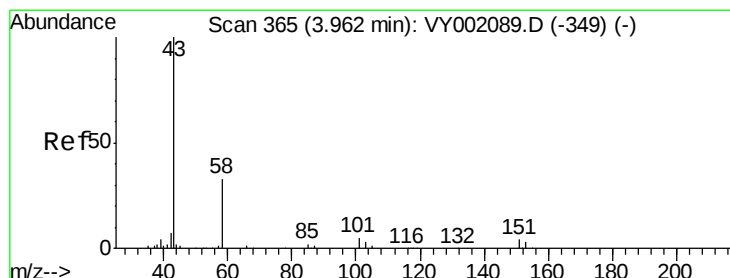
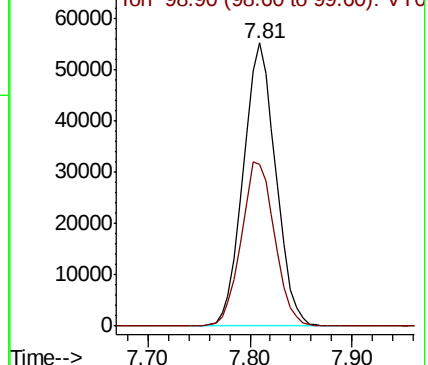
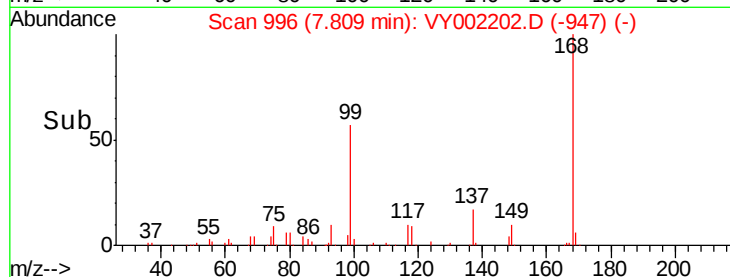
Ion Ratio Lower Upper

168 100

99 57.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002202.D (-947) (-)



#16

Acetone

Concen: 1.717 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002202.D

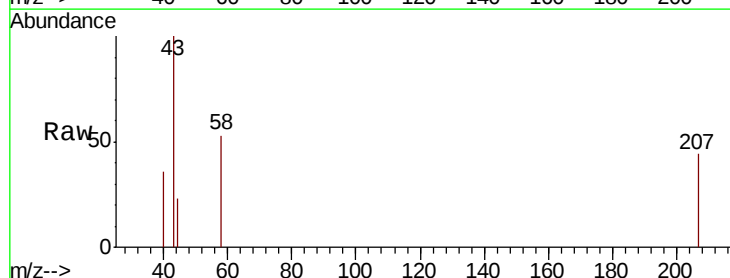
Acq: 02 Apr 2020 18:58

Tgt Ion: 43 Resp: 652

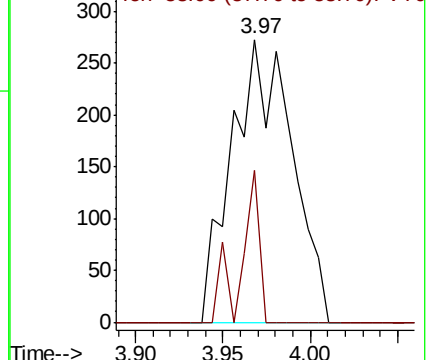
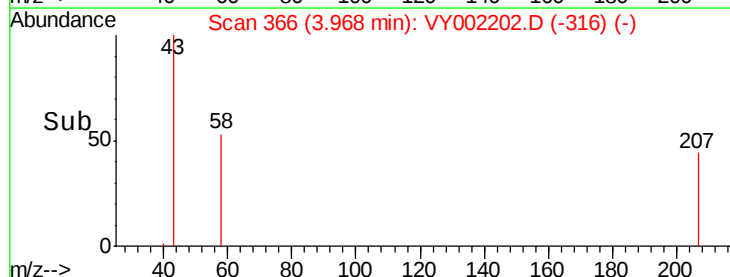
Ion Ratio Lower Upper

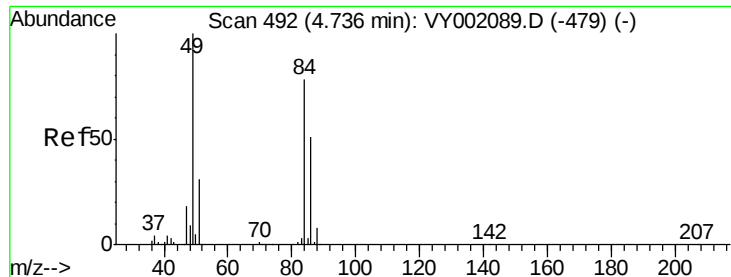
43 100

58 53.5 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002202.D (-316) (-)

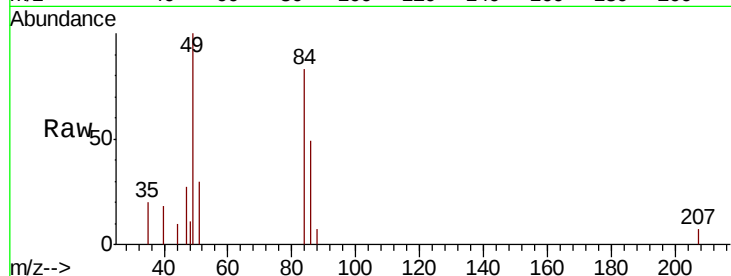




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002202.D
Acq: 02 Apr 2020 18:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	2381
Ion	Ratio	Lower	Upper
84	100		
49	120.2	102.2	153.4
51	35.7	31.2	46.8
86	59.2	52.6	78.8



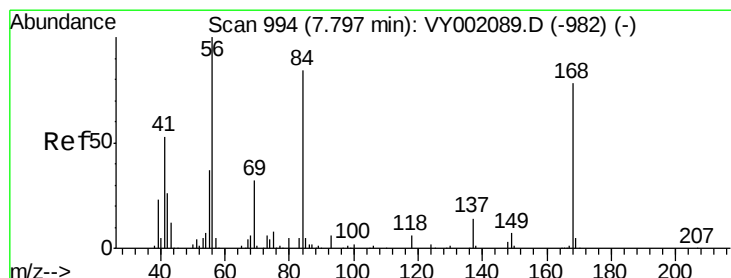
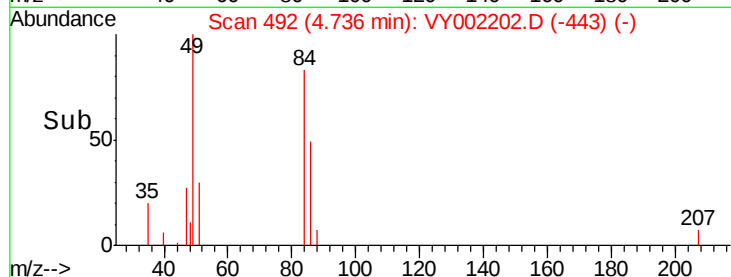
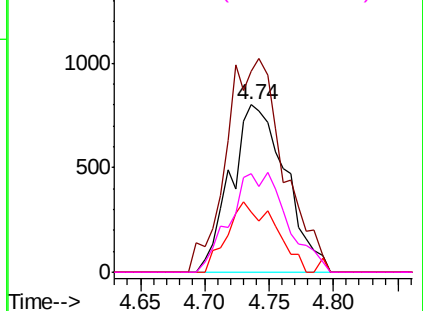
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

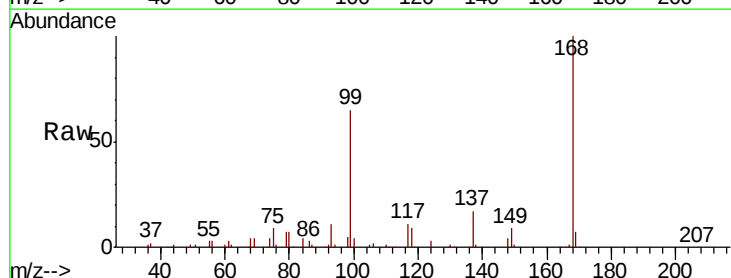
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002202.D
Acq: 02 Apr 2020 18:58

Tgt Ion:	56	Resp:	3210
Ion	Ratio	Lower	Upper
56	100		
69	144.5	25.8	38.8#
84	121.8	67.1	100.7#

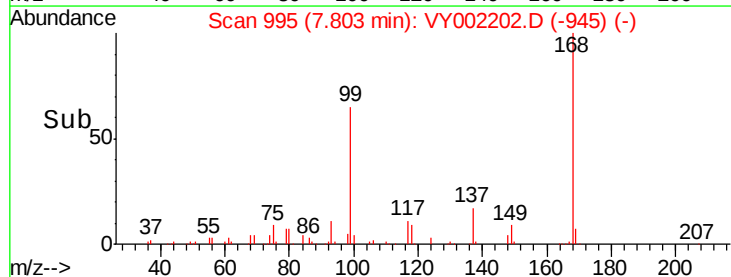
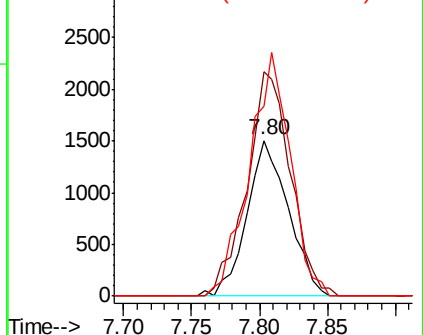


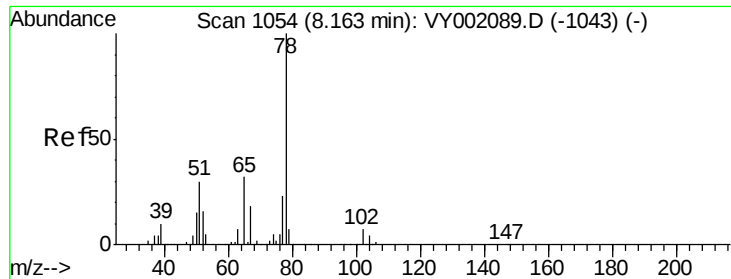
Abundance

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

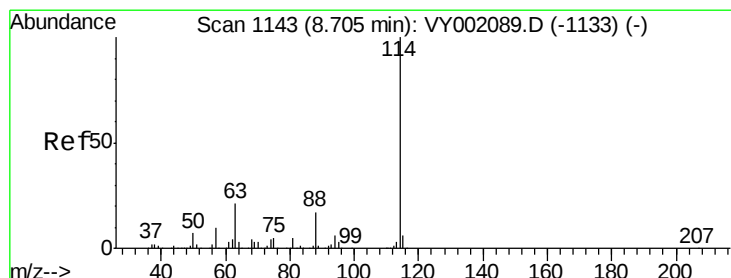
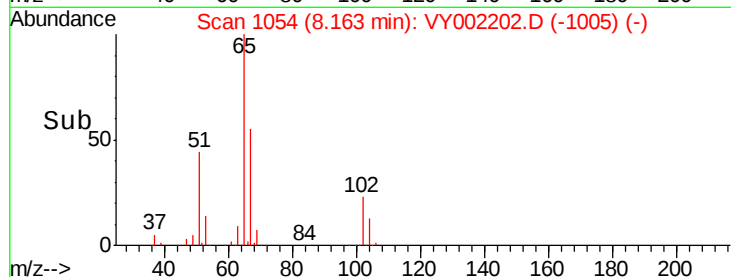
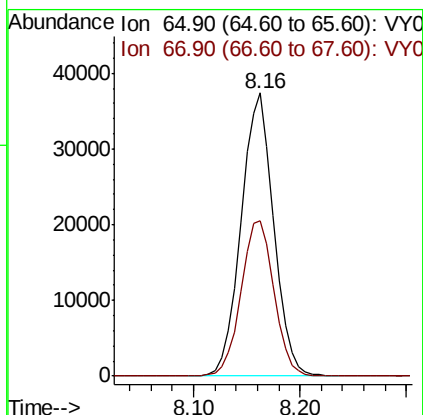
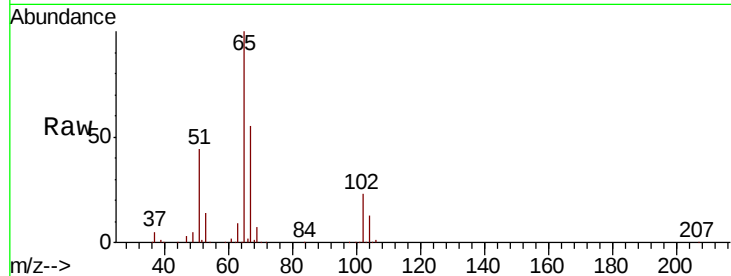




#33
 1,2-Dichloroethane-d4
 Concen: 59.345 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002202.D
 Acq: 02 Apr 2020 18:58

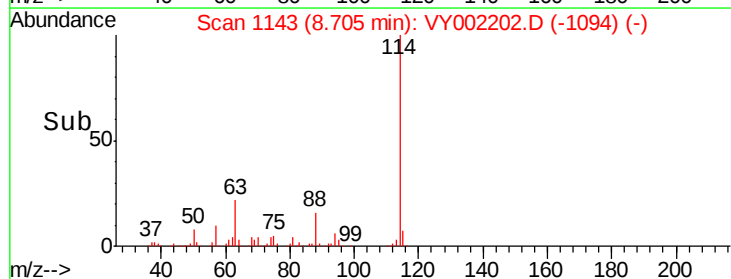
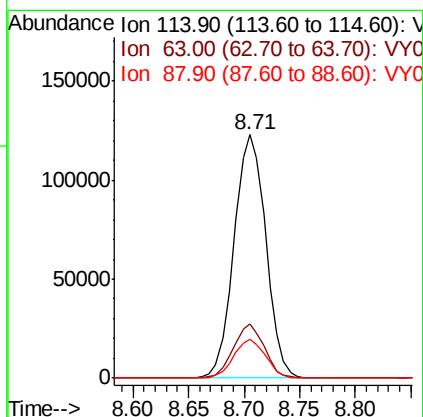
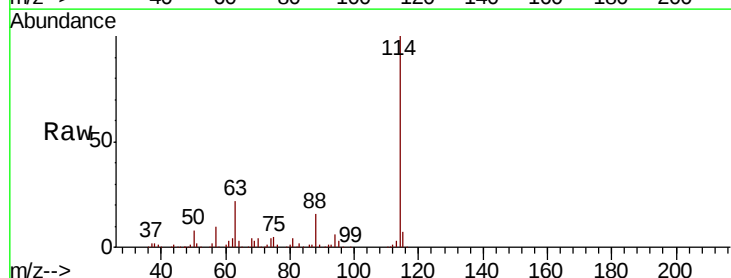
Instrument :
 MSVOA_Y
 ClientSampleId :

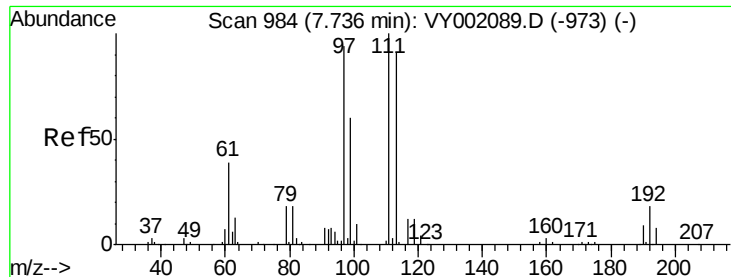
Tot Ion: 65 Resp: 80208
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002202.D
 Acq: 02 Apr 2020 18:58

Tgt Ion: 114 Resp: 242863
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.4
 88 15.7 0.0 33.0

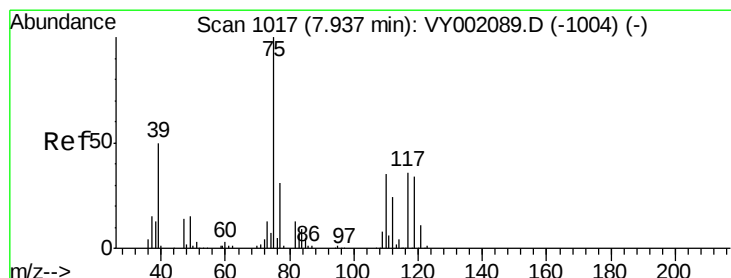
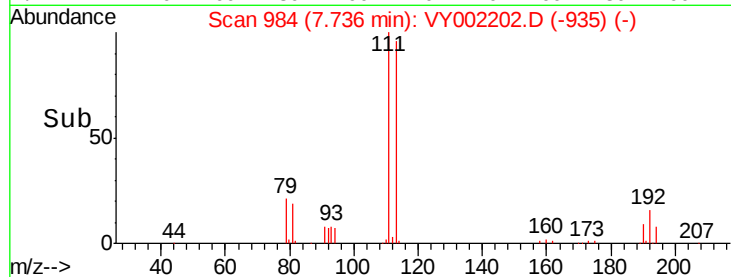
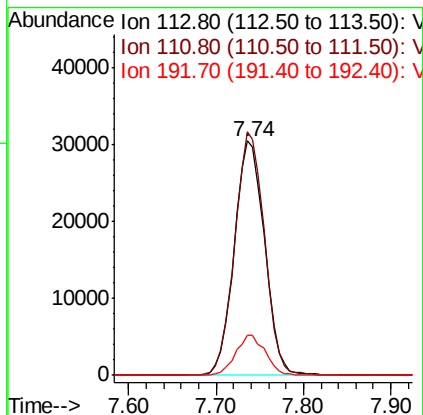
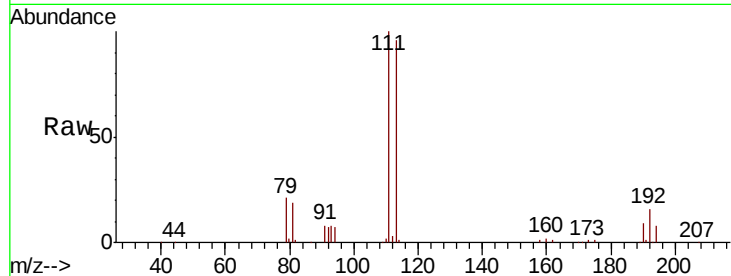




#35
 Dibromofluoromethane
 Concen: 54.002 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002202.D
 Acq: 02 Apr 2020 18:58

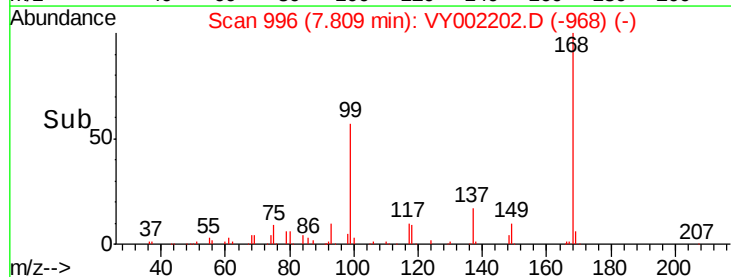
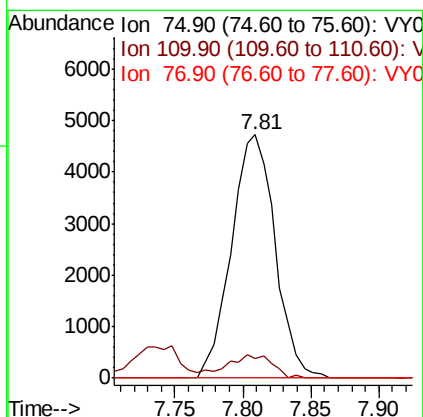
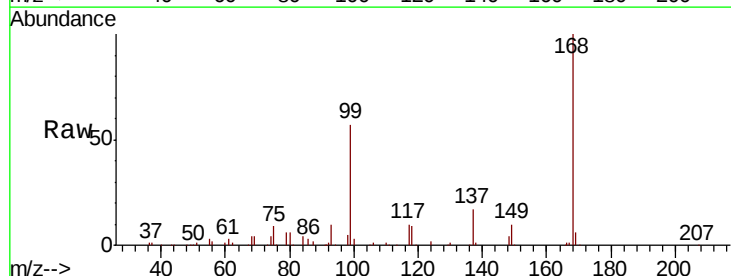
Instrument :
 MSVOA_Y
 ClientSampleId :

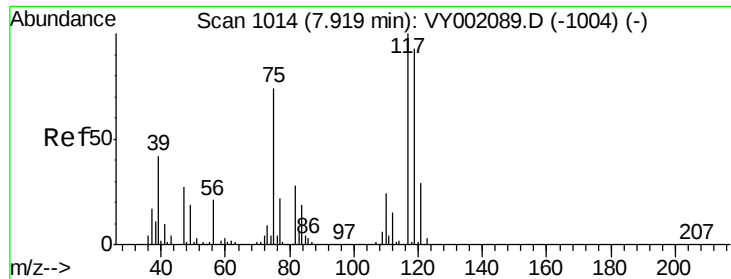
Tot Ion:113 Resp: 73486
 Ion Ratio Lower Upper
 113 100
 111 102.0 84.4 126.6
 192 16.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.608 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002202.D
 Acq: 02 Apr 2020 18:58

Tgt Ion: 75 Resp: 10585
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.2 51.6#
 77 0.0 24.7 37.1#

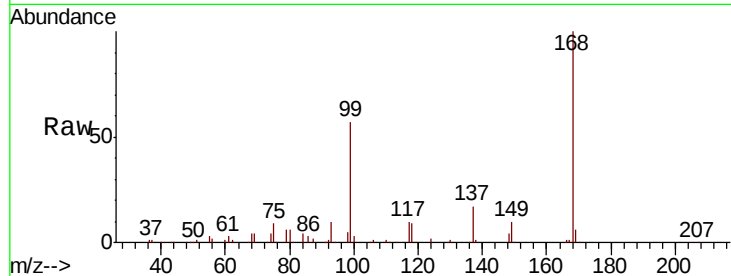




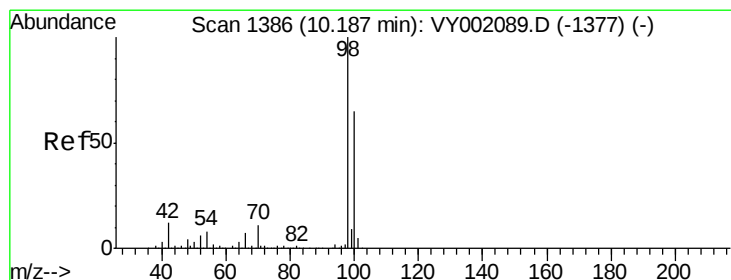
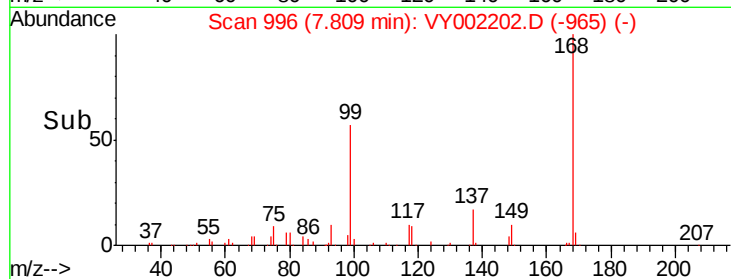
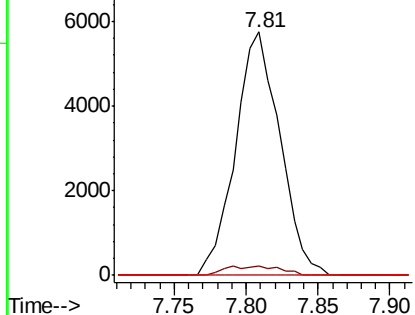
#38
Carbon Tetrachloride
Concen: 6.325 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002202.D
Acq: 02 Apr 2020 18:58

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 12327
Ion Ratio Lower Upper
117 100
119 3.9 74.3 111.5#
121 0.0 23.3 34.9#

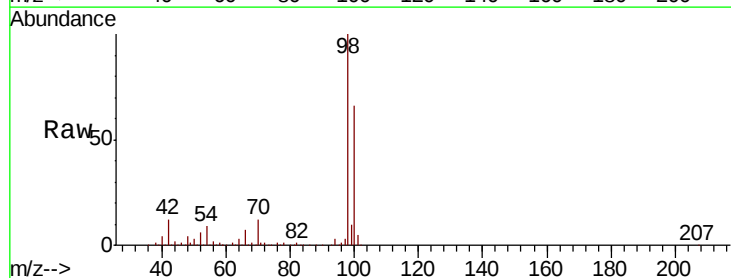


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

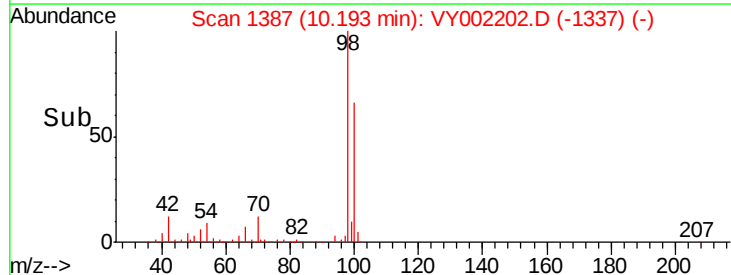
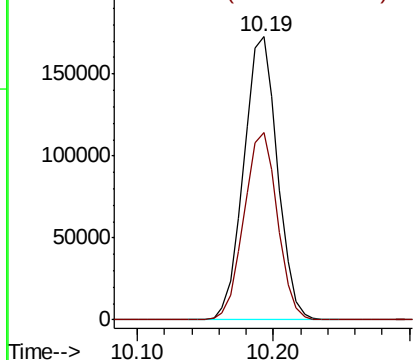


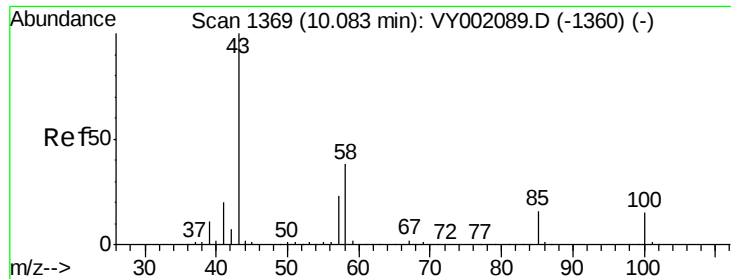
#50
Toluene-d8
Concen: 52.943 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002202.D
Acq: 02 Apr 2020 18:58

Tgt Ion: 98 Resp: 299293
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



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: 1.106 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

Instrument :

MSVOA_Y

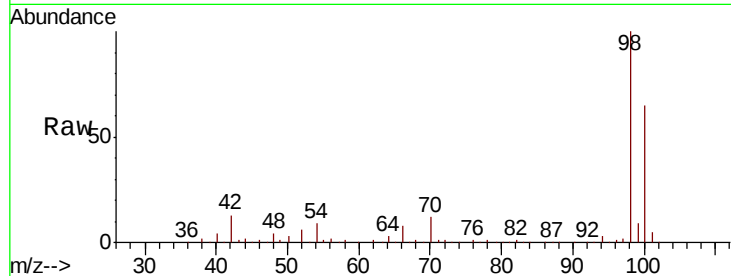
ClientSampleId :

Tot Ion: 43 Resp: 1467

Ion Ratio Lower Upper

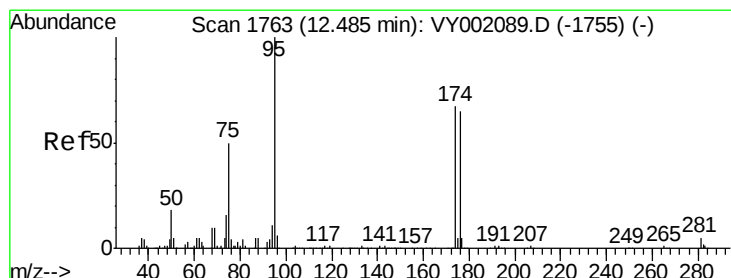
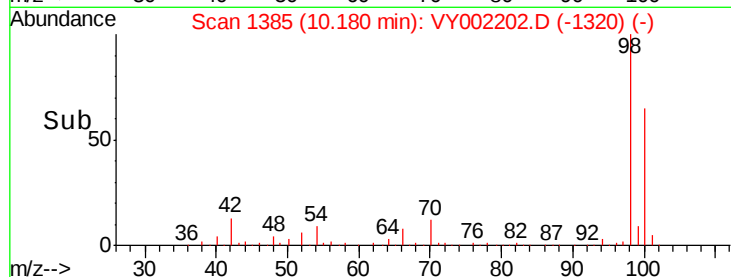
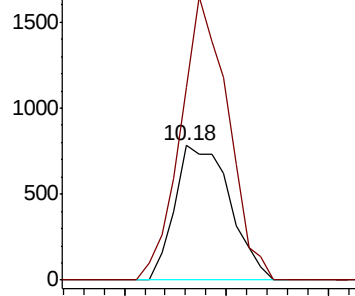
43 100

58 181.7 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 51.270 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

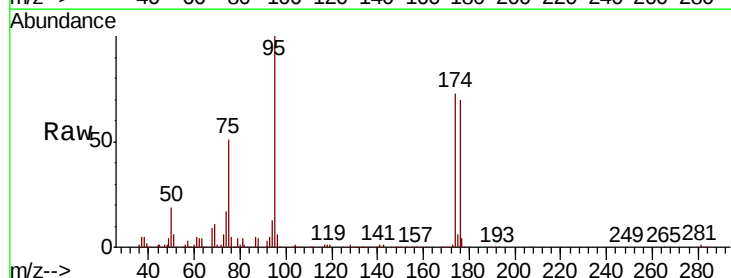
Tgt Ion: 95 Resp: 101364

Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.4

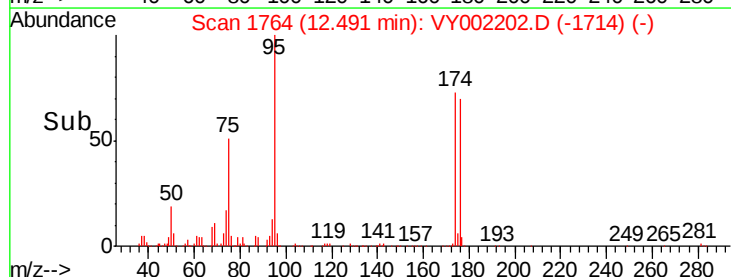
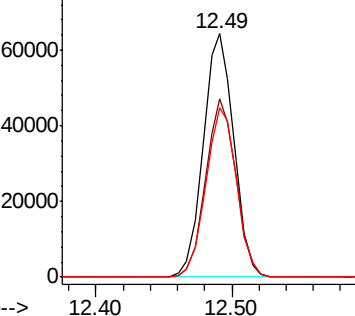
176 69.9 0.0 137.0

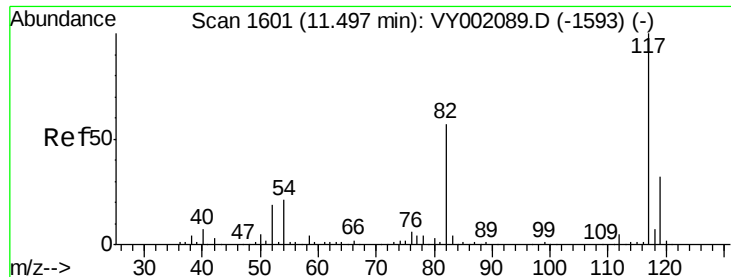


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

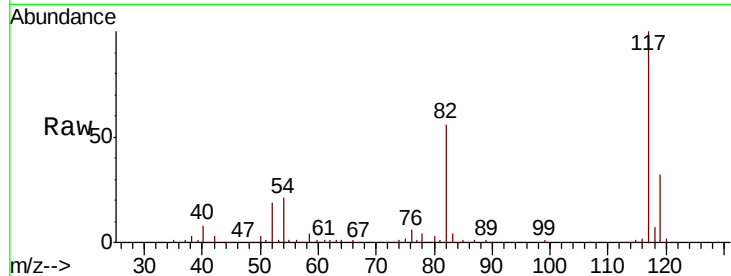




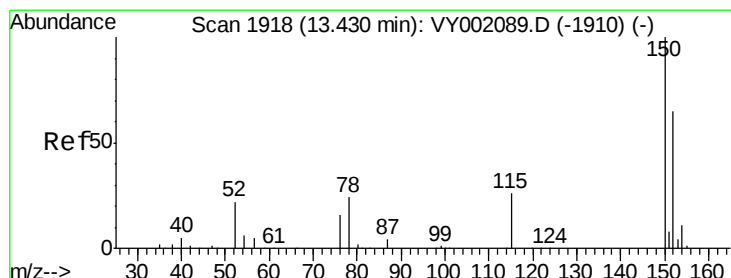
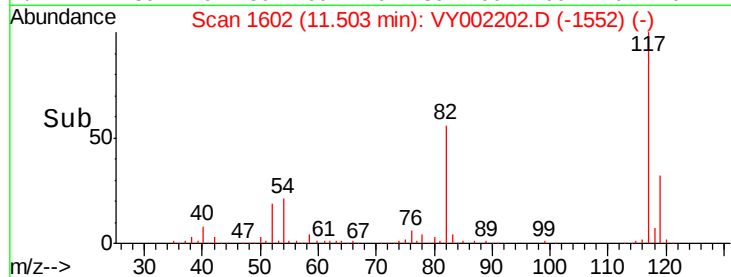
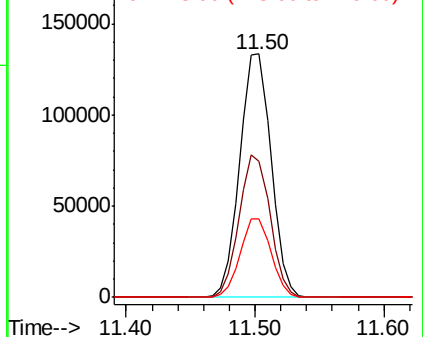
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002202.D
Acq: 02 Apr 2020 18:58

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 224691
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 32.1 25.3 37.9

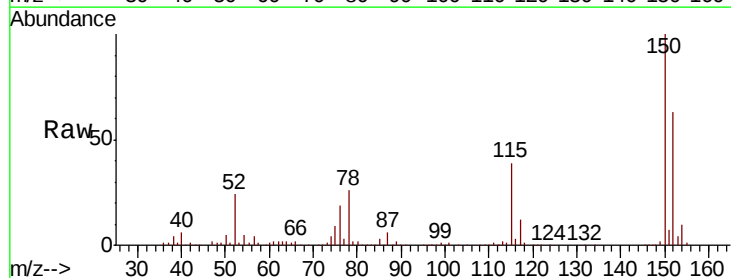


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

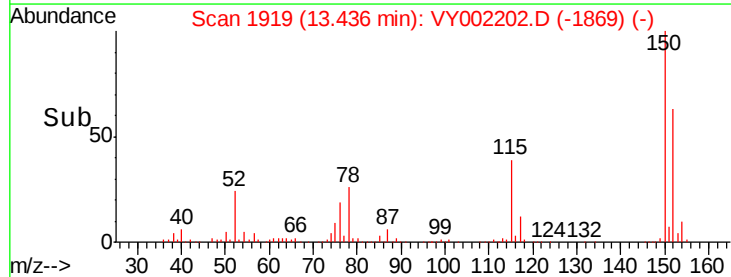
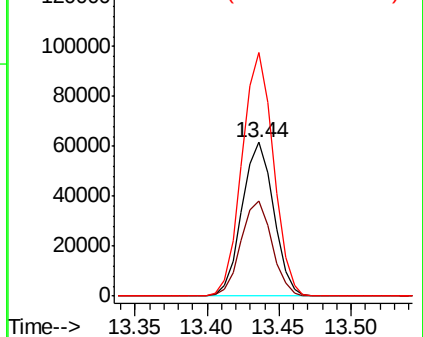


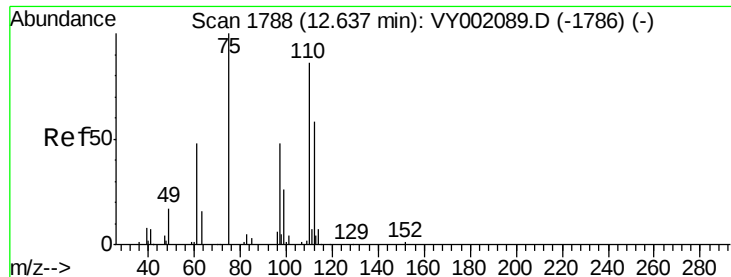
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002202.D
Acq: 02 Apr 2020 18:58

Tgt Ion:152 Resp: 94062
Ion Ratio Lower Upper
152 100
115 60.8 31.2 93.6
150 157.3 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: 49.597 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

Instrument :

MSVOA_Y

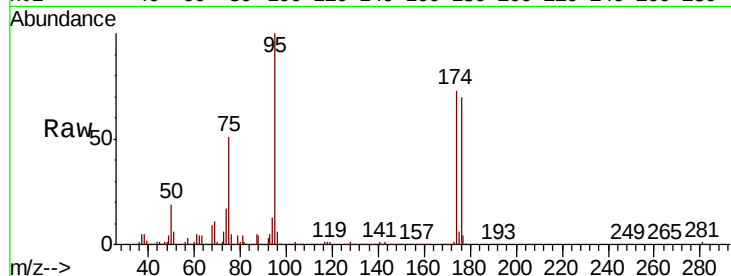
ClientSampleId :

Tot Ion: 75 Resp: 52185

Ion Ratio Lower Upper

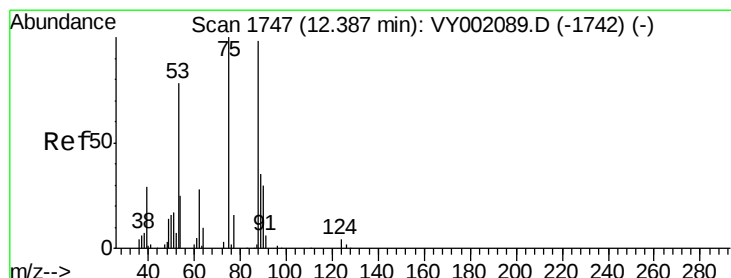
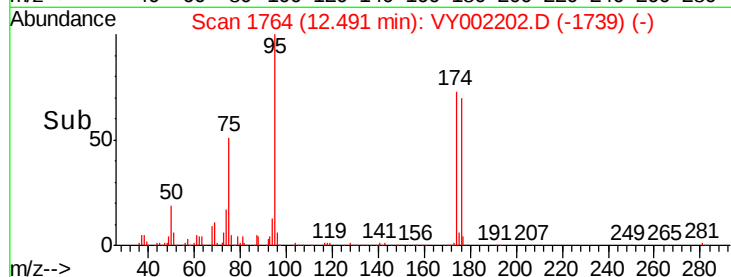
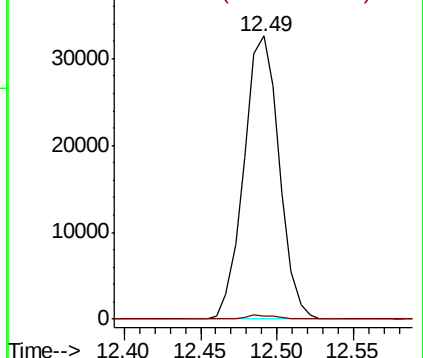
75 100

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: 96.088 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

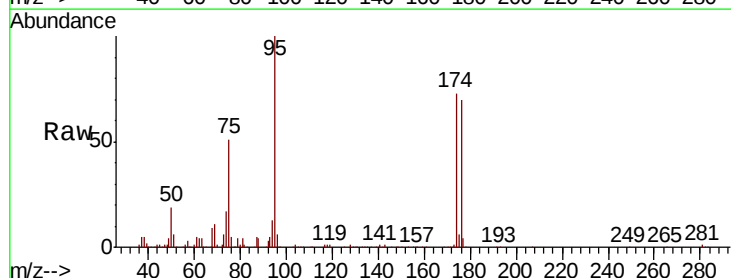
Tgt Ion: 75 Resp: 52185

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 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

