

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002204.D
 Acq On : 02 Apr 2020 19:42
 Operator : SY/MD
 Sample : L2148-02
 Misc : 5.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:18:27 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

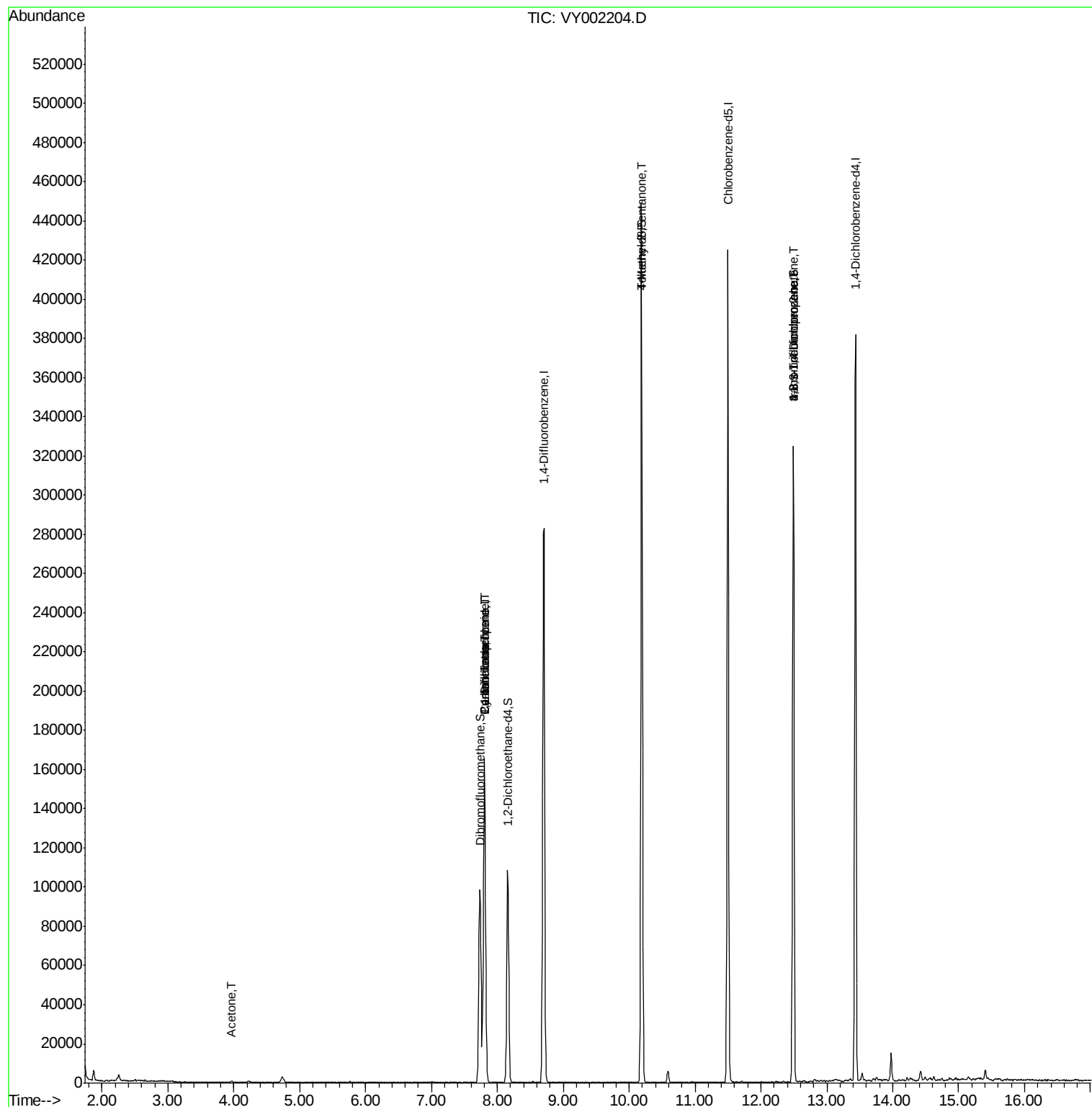
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	123046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	222953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	89149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80353	59.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.14%	
35) Dibromofluoromethane	7.74	113	70614	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.19	98	297269	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.49	95	99260	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	903	2.363	ug/l #	73
20) Methylene Chloride	4.74	84	2098	Below Cal	#	82
31) Cyclohexane	7.81	56	2976	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10481	4.571	ug/l #	50
38) Carbon Tetrachloride	7.81	117	13053	6.710	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1379	1.041	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	51848	51.993	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	51848	100.728	ug/l #	17

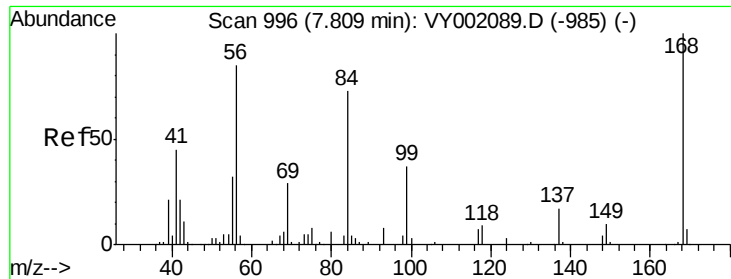
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Apr 03 03:18:27 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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

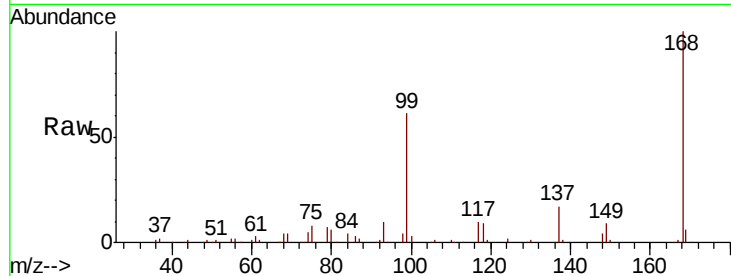
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 123046

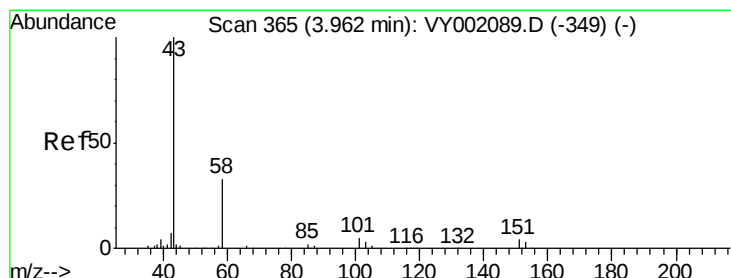
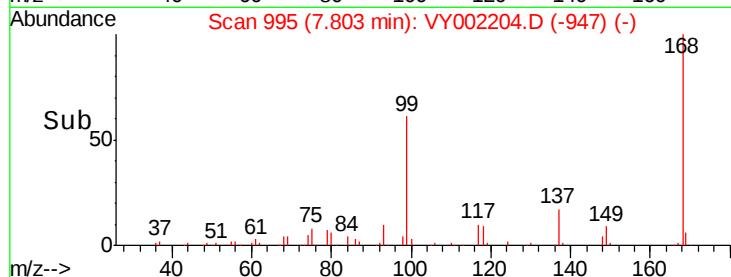
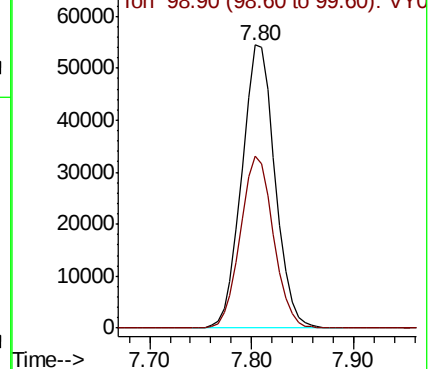
Ion Ratio Lower Upper

168 100

99 60.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002204.D (-947) (-)



#16

Acetone

Concen: 2.363 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002204.D

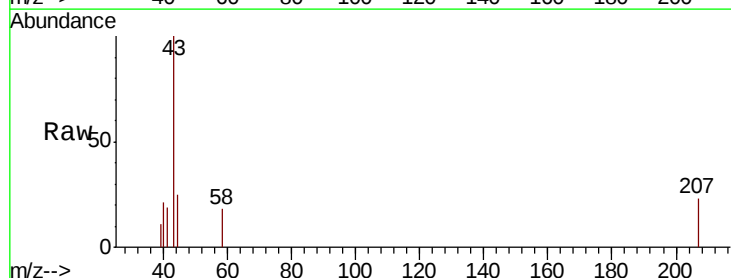
Acq: 02 Apr 2020 19:42

Tgt Ion: 43 Resp: 903

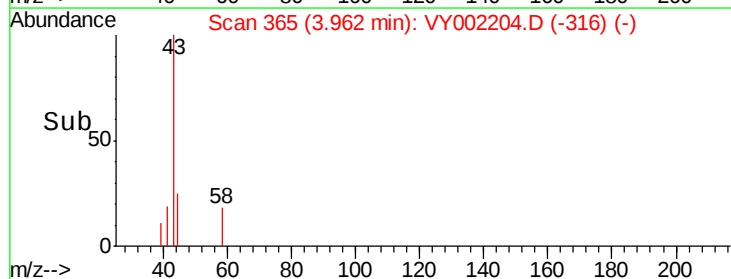
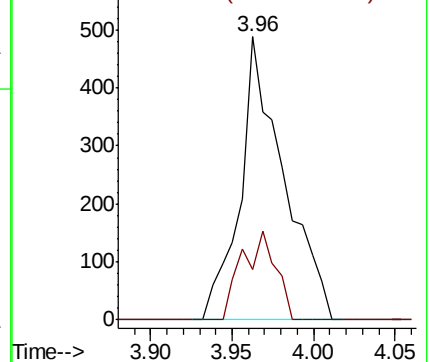
Ion Ratio Lower Upper

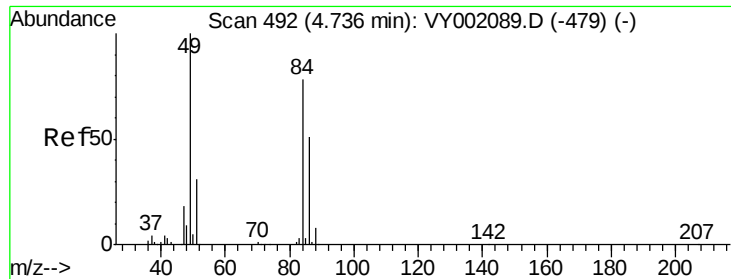
43 100

58 17.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002204.D (-316) (-)

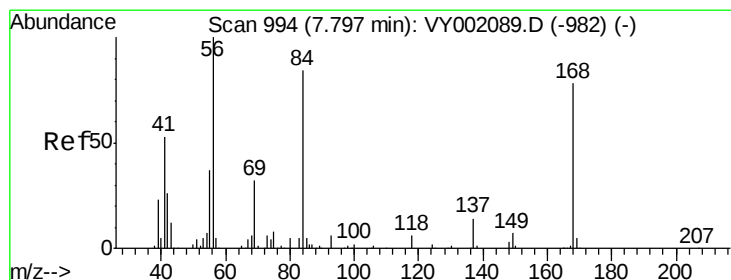
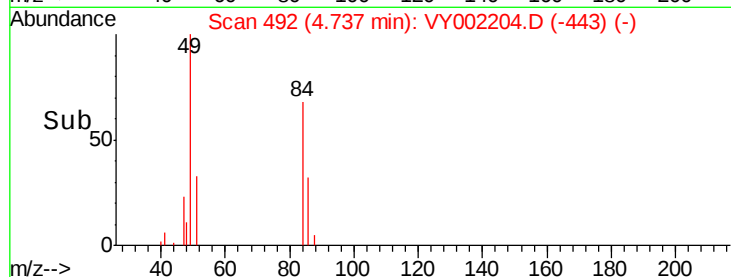
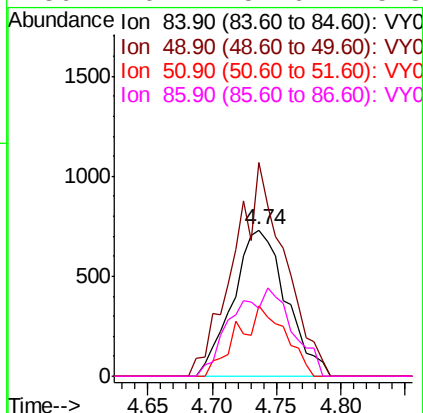
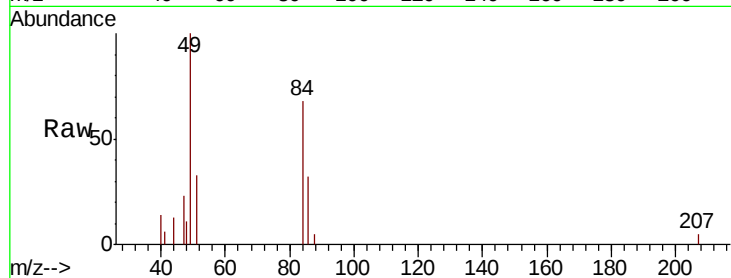




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002204.D
Acq: 02 Apr 2020 19:42

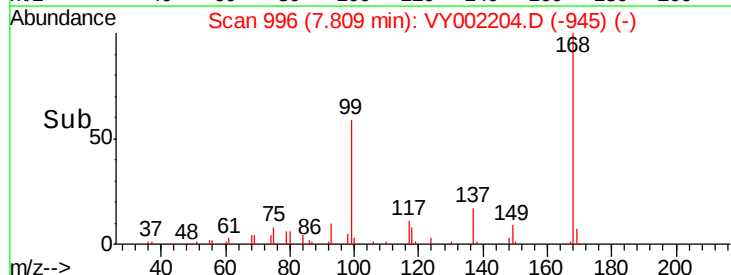
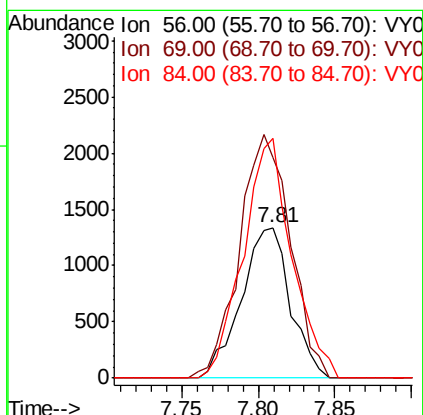
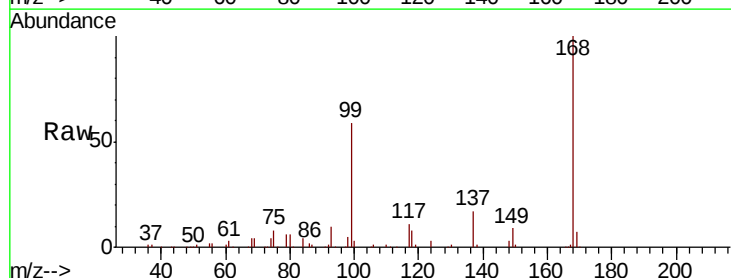
Instrument :
MSVOA_Y
ClientSampleId :

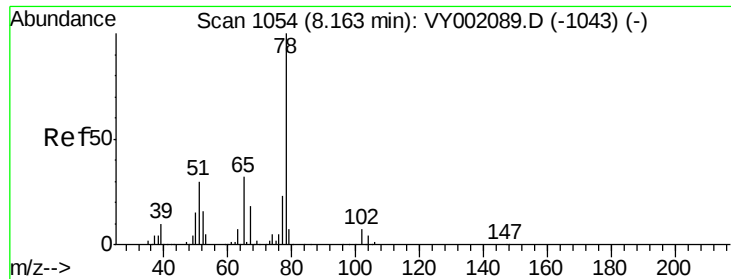
Tot Ion: 84 Resp: 2098
Ion Ratio Lower Upper
84 100
49 146.1 102.2 153.4
51 48.3 31.2 46.8#
86 46.4 52.6 78.8#



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002204.D
Acq: 02 Apr 2020 19:42

Tgt Ion: 56 Resp: 2976
Ion Ratio Lower Upper
56 100
69 146.8 25.8 38.8#
84 159.4 67.1 100.7#

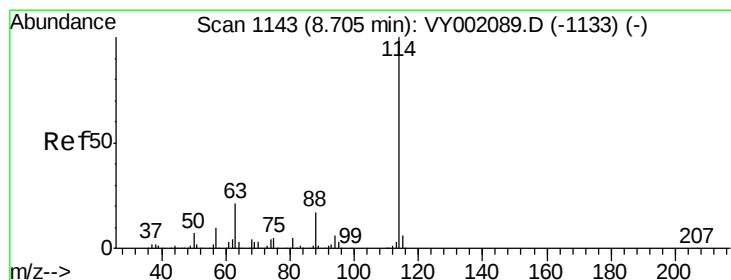
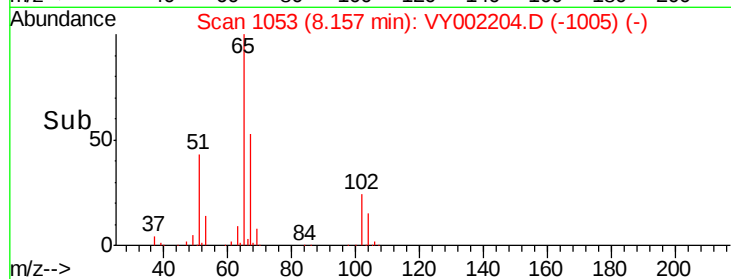
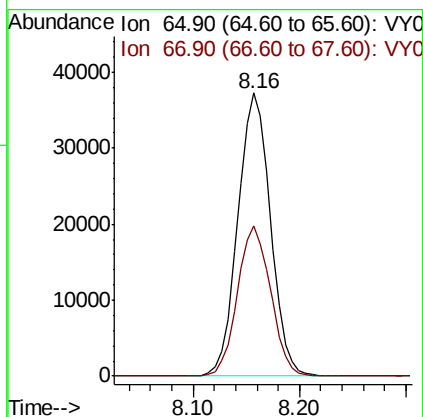
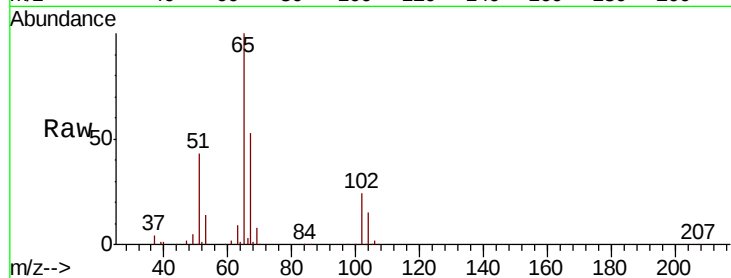




#33
 1,2-Dichloroethane-d4
 Concen: 59.073 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002204.D
 Acq: 02 Apr 2020 19:42

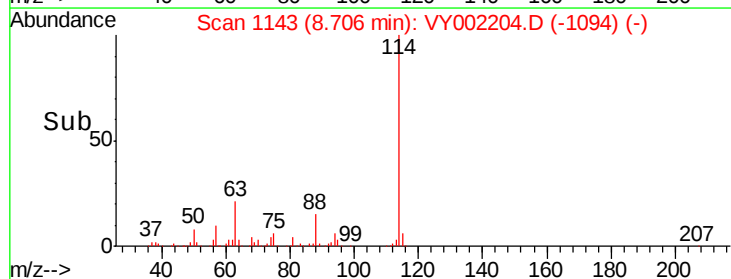
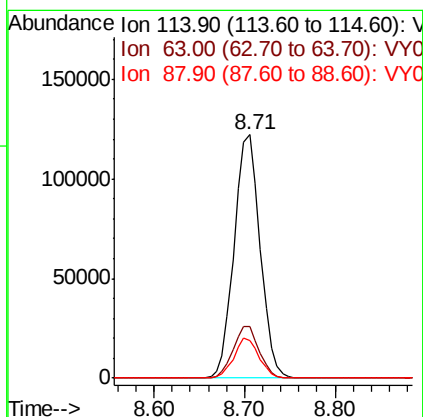
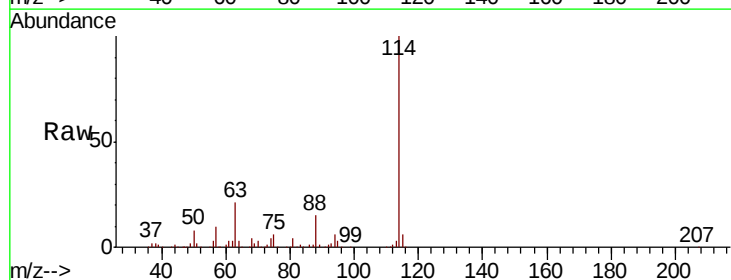
Instrument :
 MSVOA_Y
 ClientSampleId :

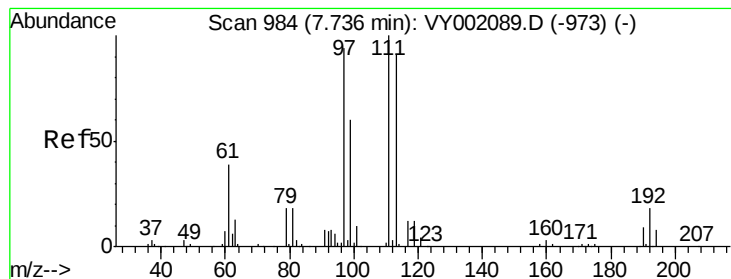
Tot Ion: 65 Resp: 80353
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002204.D
 Acq: 02 Apr 2020 19:42

Tgt Ion: 114 Resp: 242402
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.990 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

Instrument :
MSVOA_Y
ClientSampleId :

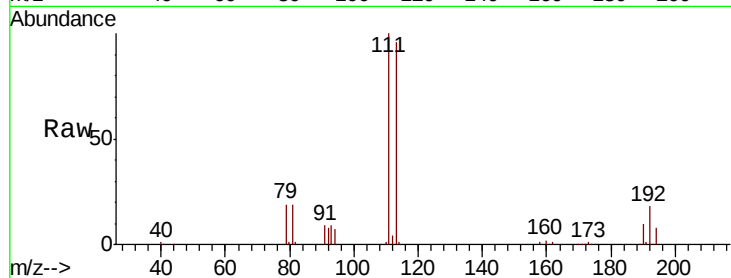
Tot Ion:113 Resp: 70614

Ion Ratio Lower Upper

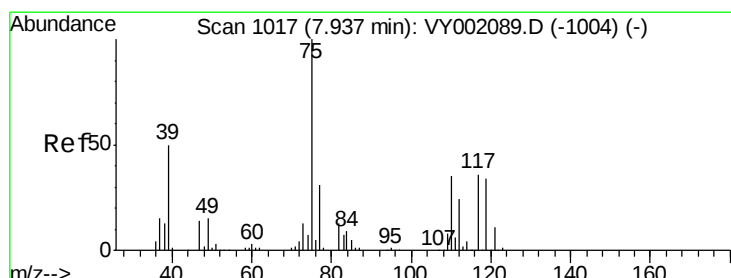
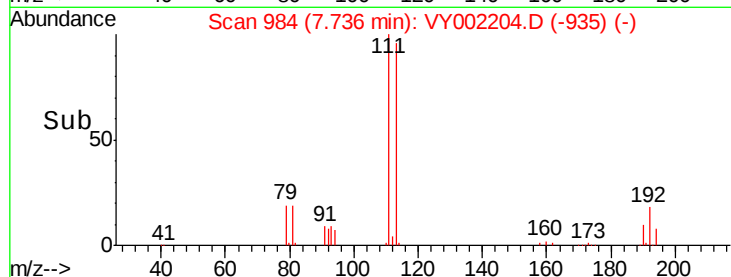
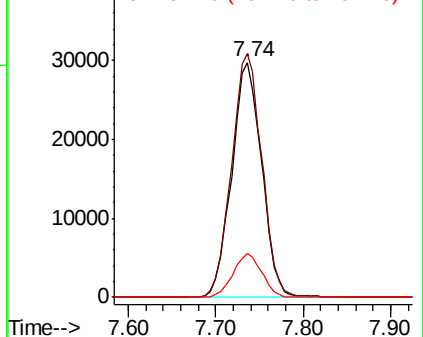
113 100

111 105.2 84.4 126.6

192 18.0 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: 4.571 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

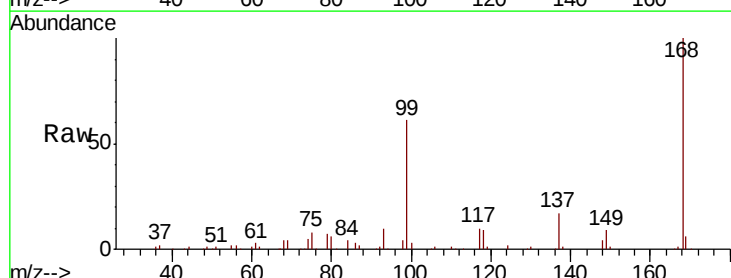
Tgt Ion: 75 Resp: 10481

Ion Ratio Lower Upper

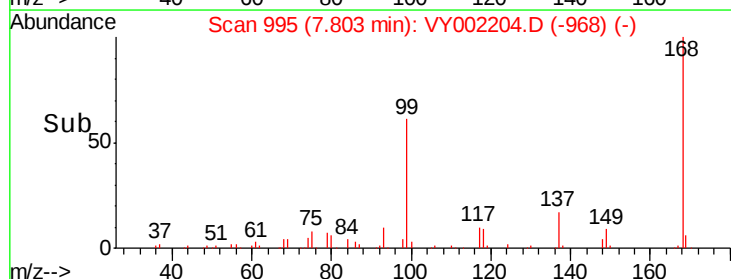
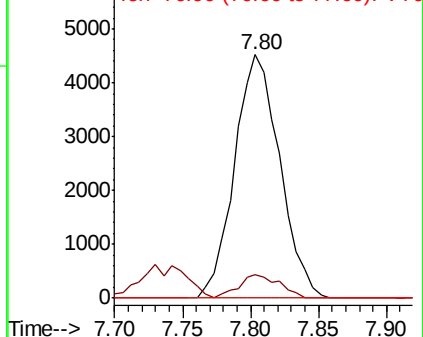
75 100

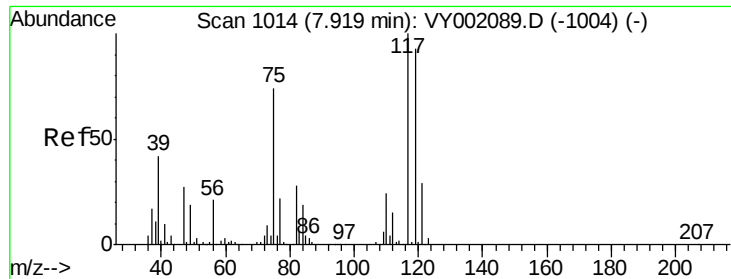
110 8.6 17.2 51.6#

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: 6.710 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

Instrument :

MSVOA_Y

ClientSampled :

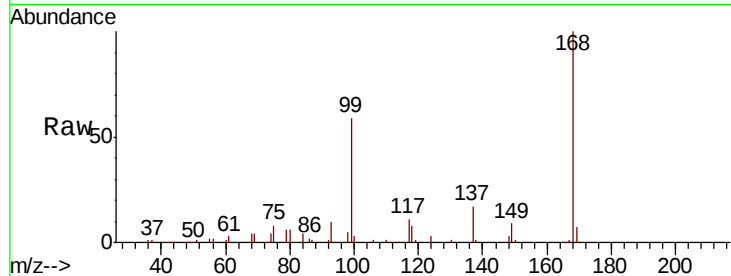
Tot Ion:117 Resp: 13053

Ion Ratio Lower Upper

117 100

119 5.3 74.3 111.5#

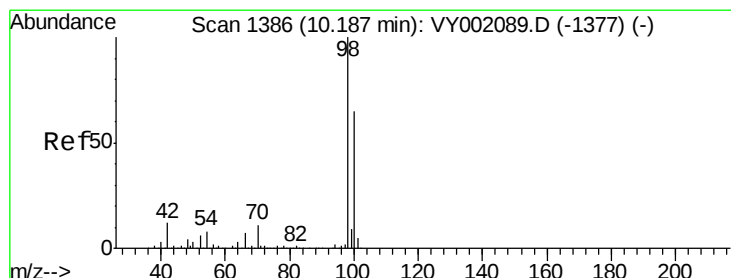
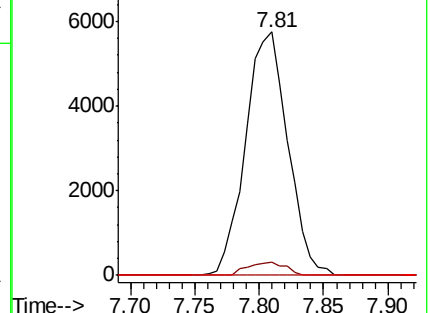
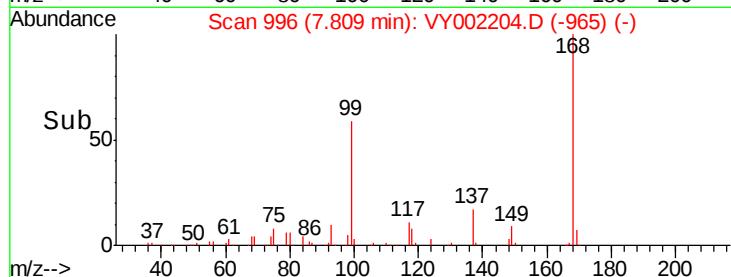
121 0.0 23.3 34.9#



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: 52.685 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002204.D

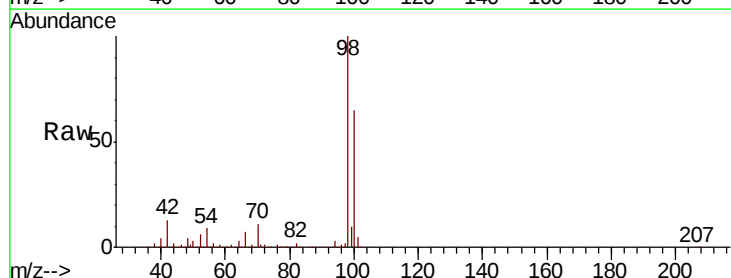
Acq: 02 Apr 2020 19:42

Tgt Ion: 98 Resp: 297269

Ion Ratio Lower Upper

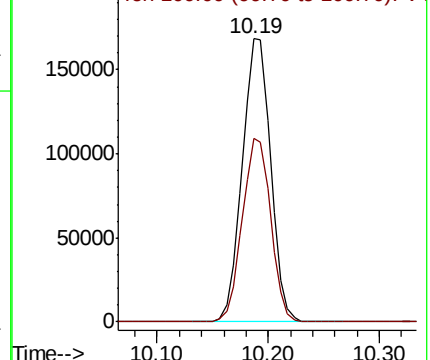
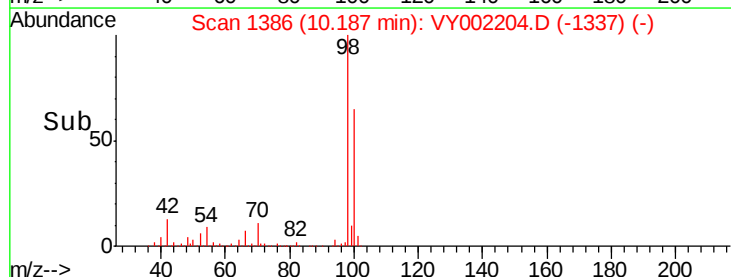
98 100

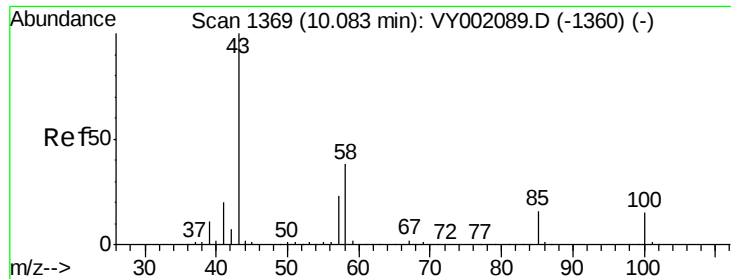
100 64.8 51.6 77.4



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: 1.041 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

Instrument :

MSVOA_Y

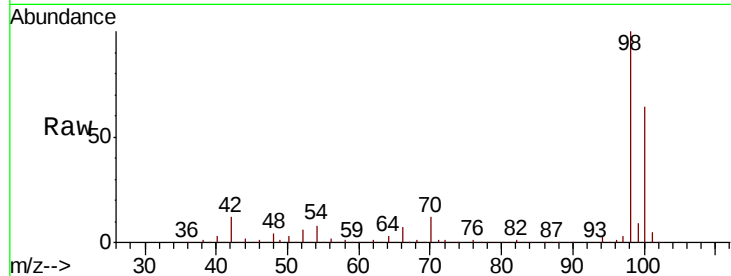
ClientSampleId :

Tot Ion: 43 Resp: 1379

Ion Ratio Lower Upper

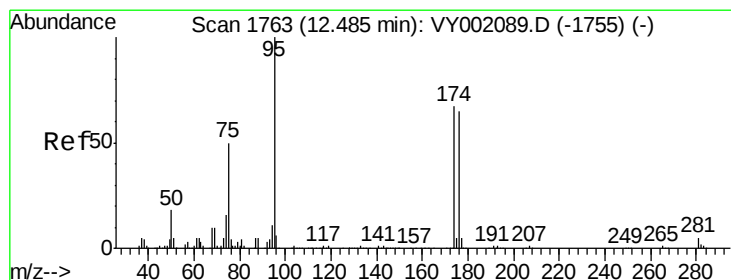
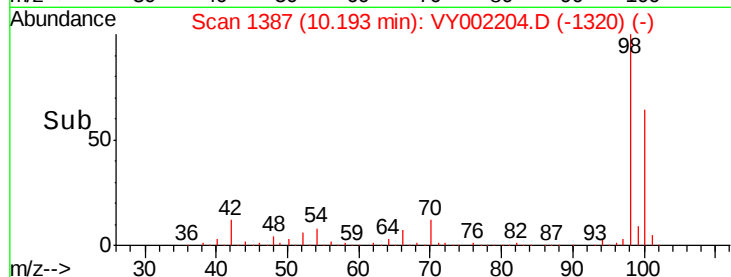
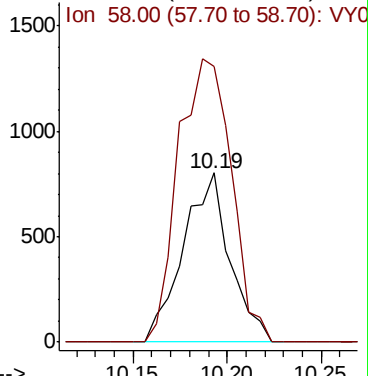
43 100

58 190.0 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: 50.301 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

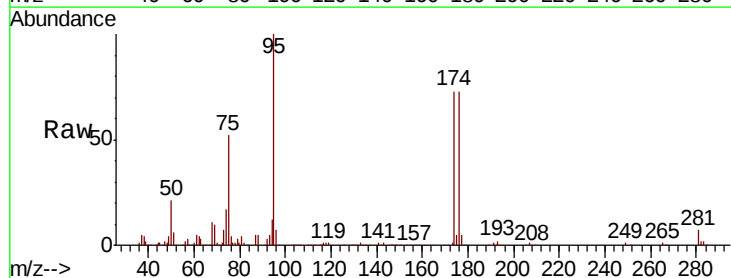
Tgt Ion: 95 Resp: 99260

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

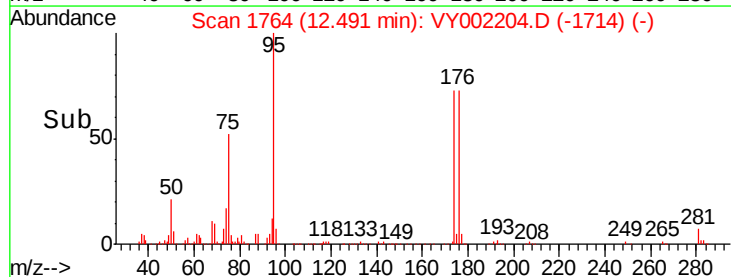
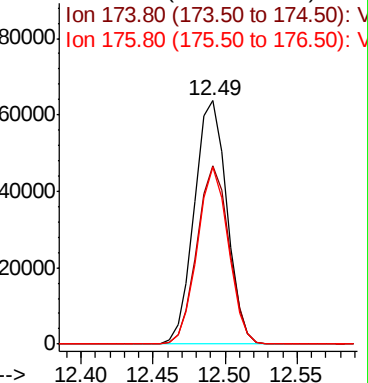
176 69.7 0.0 137.0

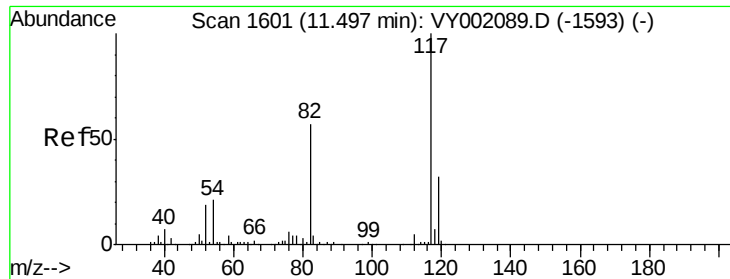


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

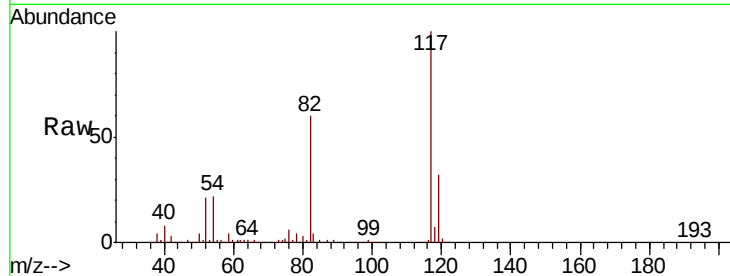




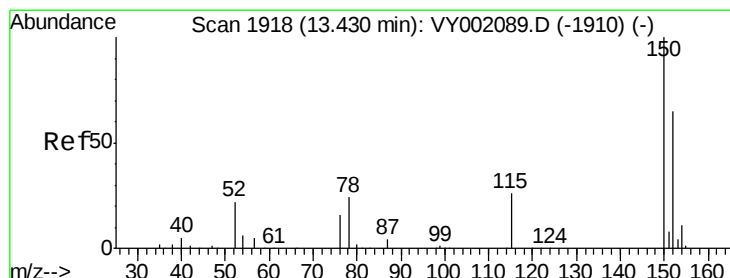
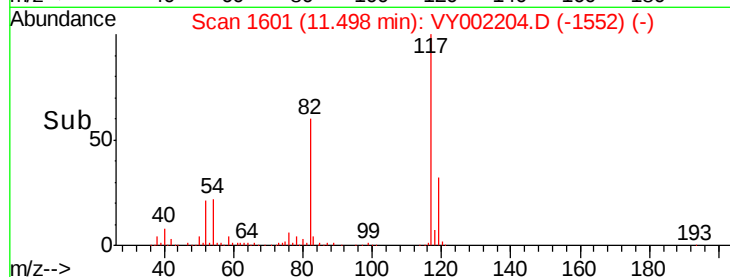
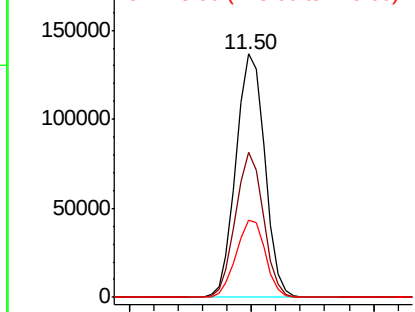
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002204.D
Acq: 02 Apr 2020 19:42

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 222953
Ion Ratio Lower Upper
117 100
82 59.8 45.4 68.2
119 31.9 25.3 37.9

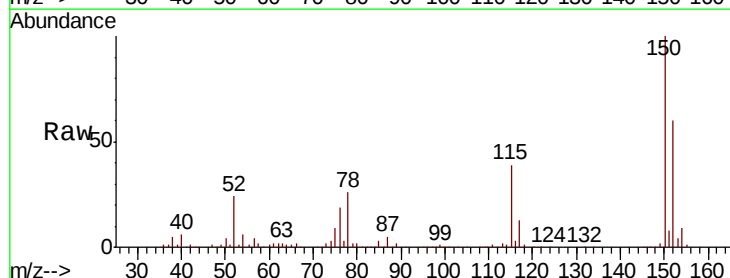


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

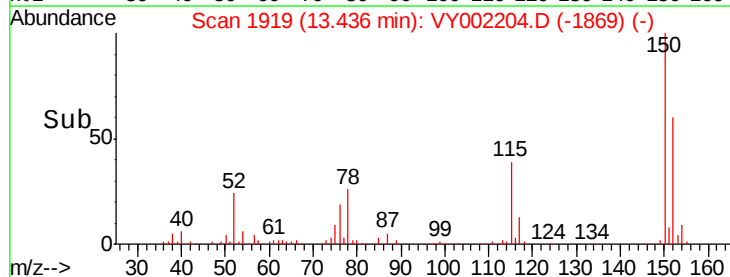
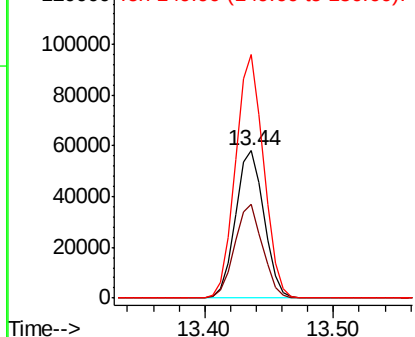


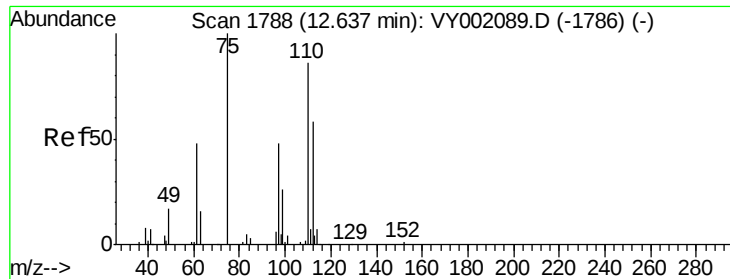
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002204.D
Acq: 02 Apr 2020 19:42

Tgt Ion:152 Resp: 89149
Ion Ratio Lower Upper
152 100
115 62.9 31.2 93.6
150 163.2 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: 51.993 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

Instrument :

MSVOA_Y

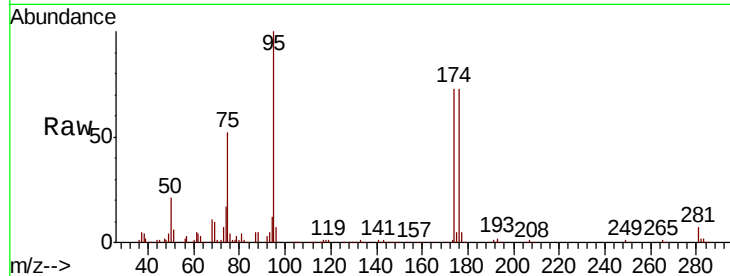
ClientSampleId :

Tot Ion: 75 Resp: 51848

Ion Ratio Lower Upper

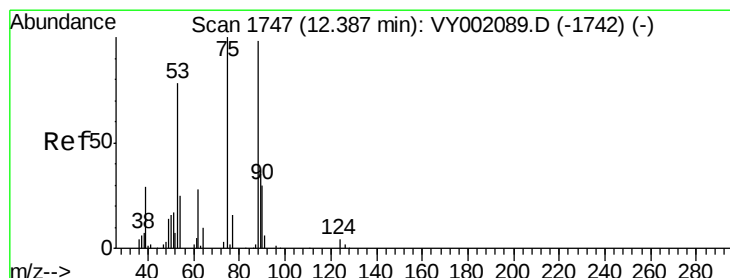
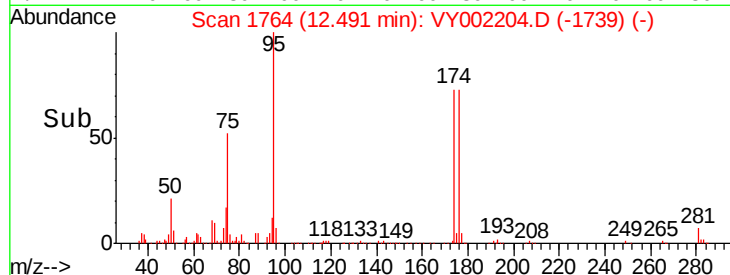
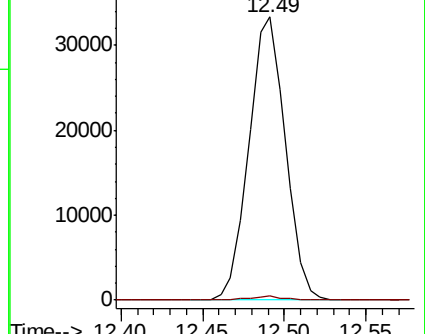
75 100

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: 100.728 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

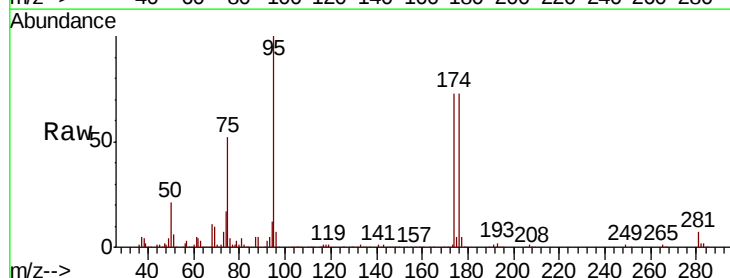
Tgt Ion: 75 Resp: 51848

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

