

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002176.D
 Acq On : 01 Apr 2020 20:10
 Operator : SY/MD
 Sample : L2129-36
 Misc : 6.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:25:19 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

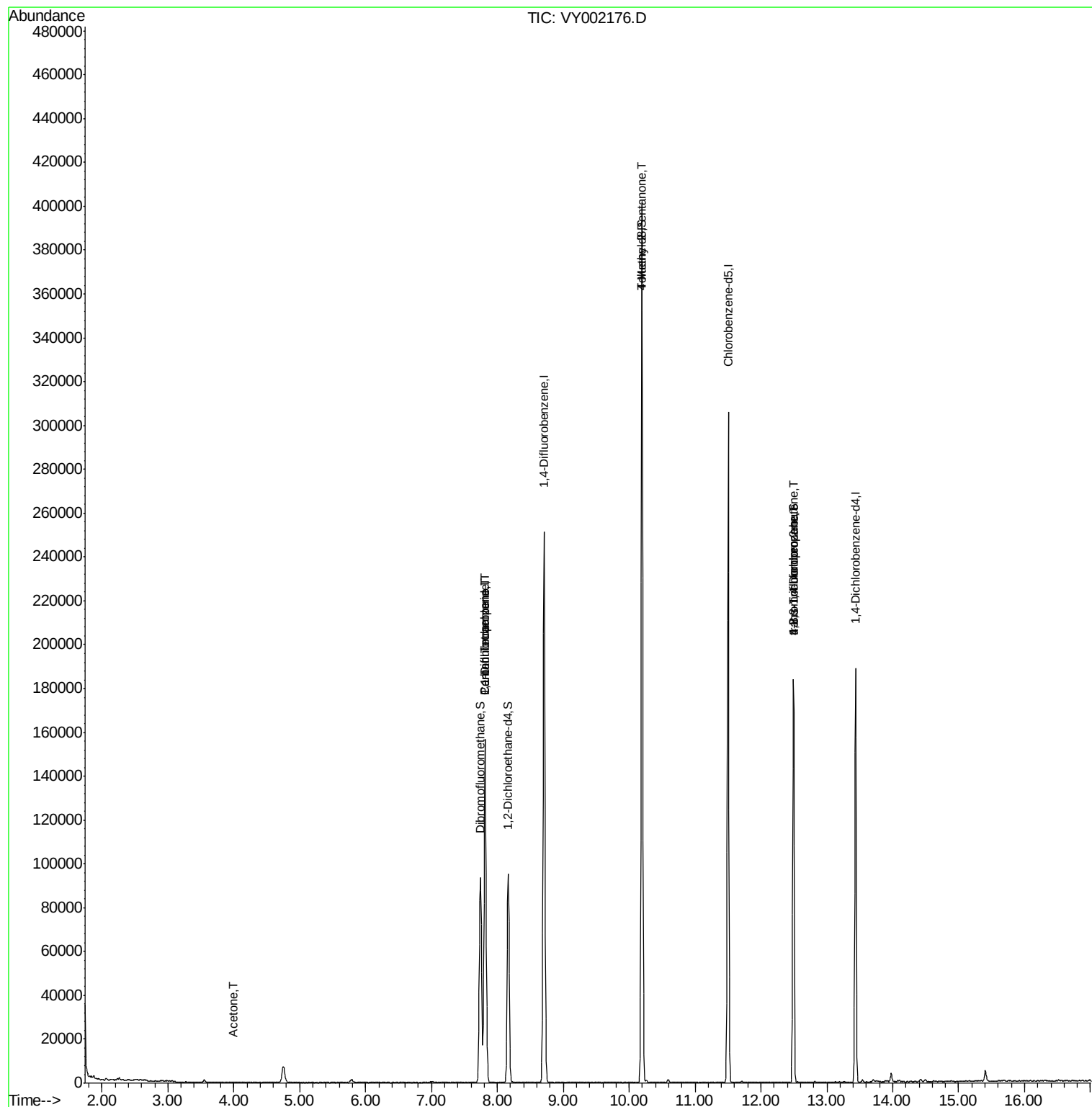
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	114131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	216877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	166769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	43796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	70709	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
35) Dibromofluoromethane	7.74	113	65587	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
50) Toluene-d8	10.19	98	258535	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.49	95	58822	33.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.64%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	494	1.394	ug/l #	42
20) Methylene Chloride	4.75	84	5671	Below Cal	#	92
36) 1,1-Dichloropropene	7.81	75	10005	4.877	ug/l #	49
38) Carbon Tetrachloride	7.81	117	11590	6.659	ug/l #	17
51) 4-Methyl-2-Pentanone	10.20	43	1293	1.091	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	30409	62.072	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	30409	120.255	ug/l #	17

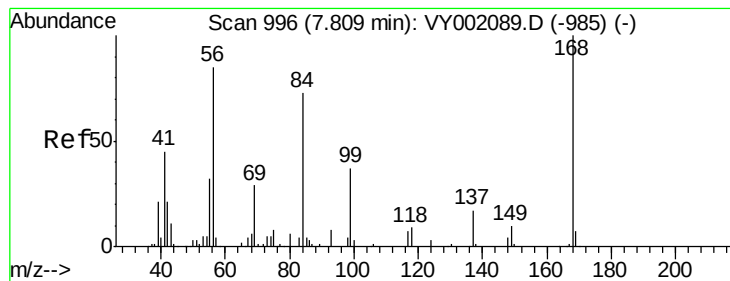
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002176.D

Acq: 01 Apr 2020 20:10

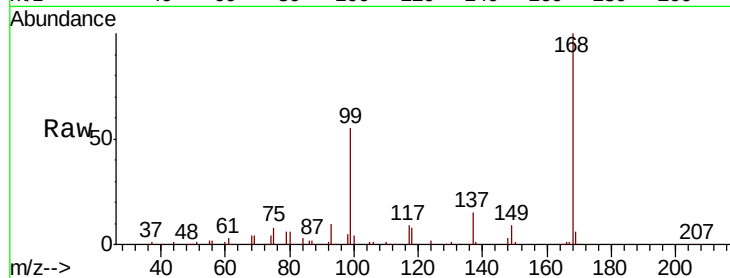
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 114131

Ion Ratio Lower Upper

168 100

99 55.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

60000

50000

40000

30000

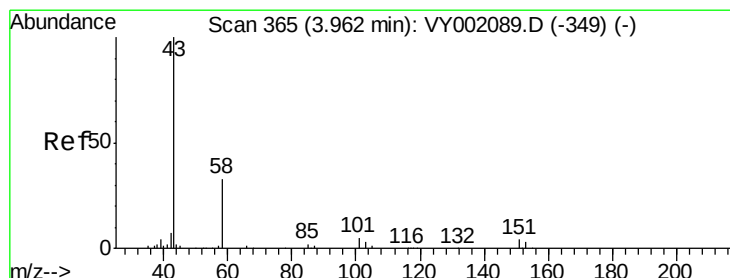
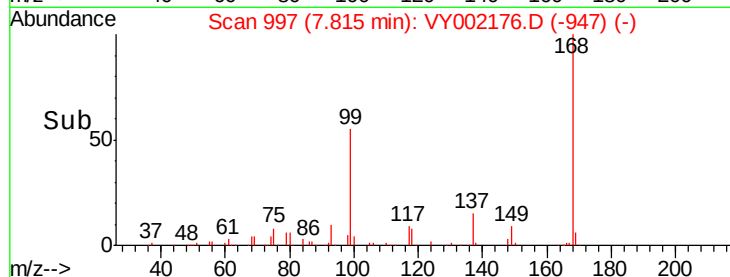
20000

10000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 1.394 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002176.D

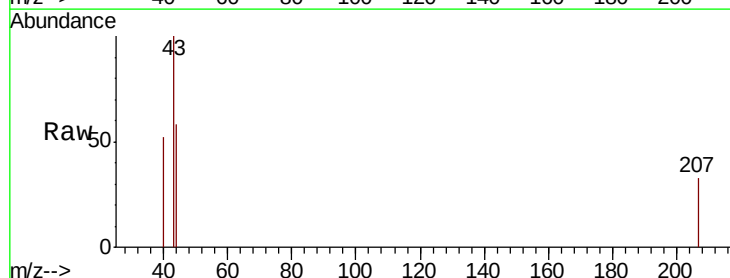
Acq: 01 Apr 2020 20:10

Tgt Ion: 43 Resp: 494

Ion Ratio Lower Upper

43 100

58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-349) (-)

250

200

150

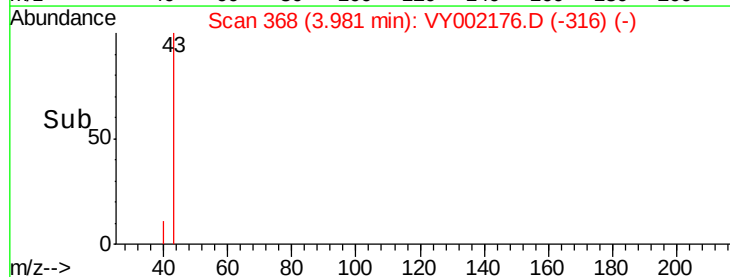
100

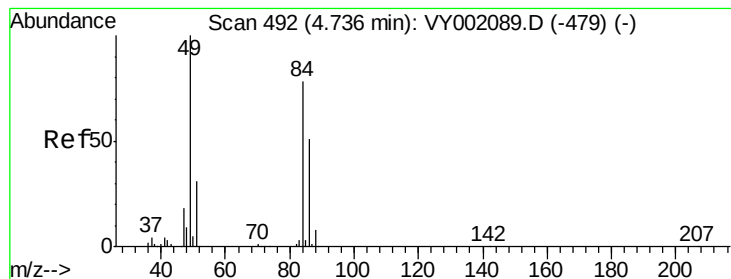
50

0

3.95 4.00

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.75 min Scan# 494

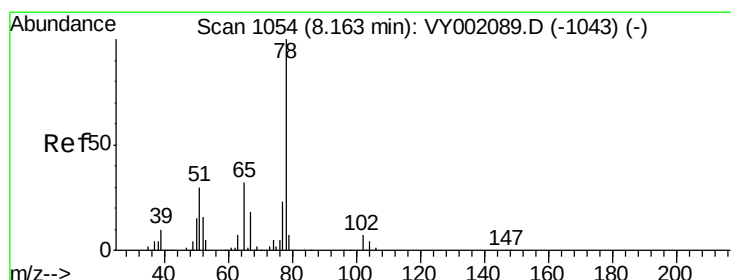
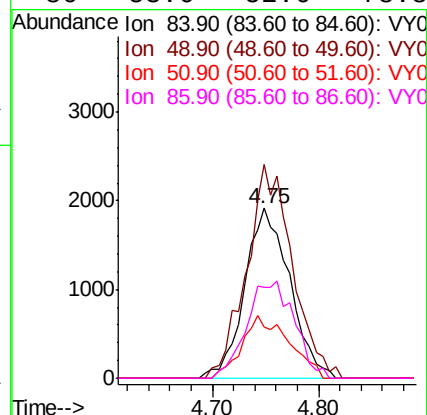
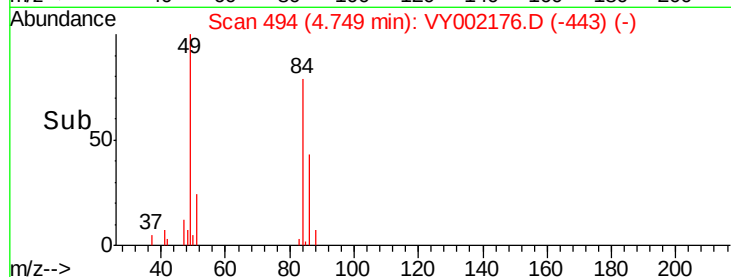
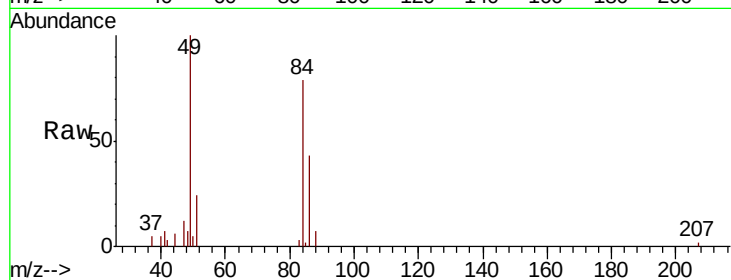
Delta R.T. 0.01 min

Lab File: VY002176.D

Acq: 01 Apr 2020 20:10

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	84	Resp:	5671
Ion	Ratio	Lower	Upper
84	100		
49	125.9	102.2	153.4
51	29.9	31.2	46.8#
86	53.6	52.6	78.8



#33

1,2-Dichloroethane-d4

Concen: 56.043 ug/l

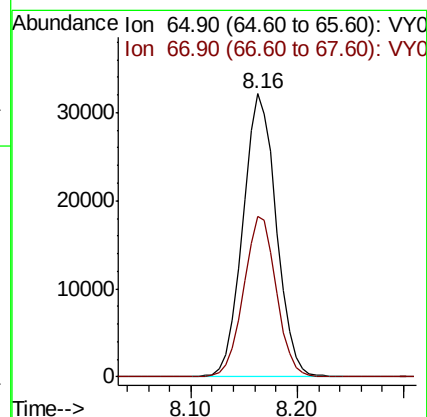
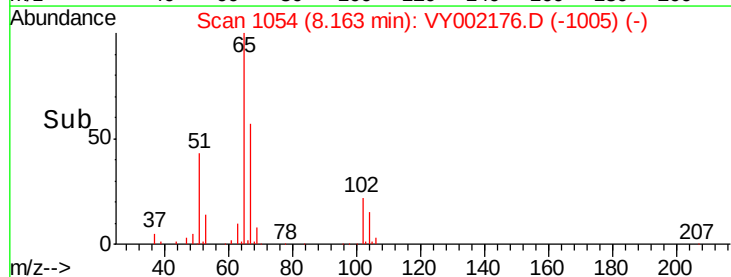
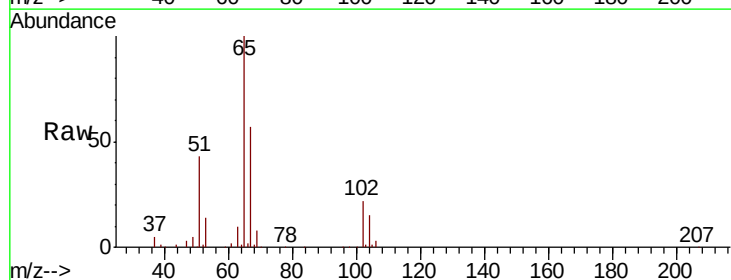
RT: 8.16 min Scan# 1054

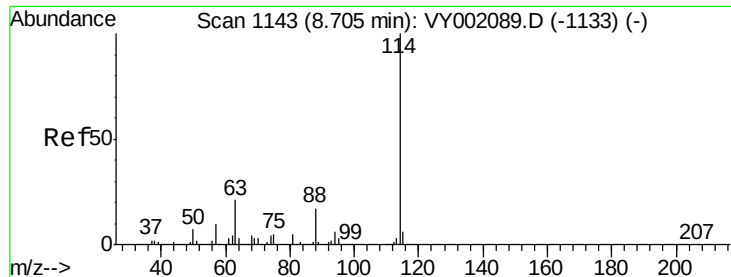
Delta R.T. 0.00 min

Lab File: VY002176.D

Acq: 01 Apr 2020 20:10

Tgt Ion:	65	Resp:	70709
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	112.8

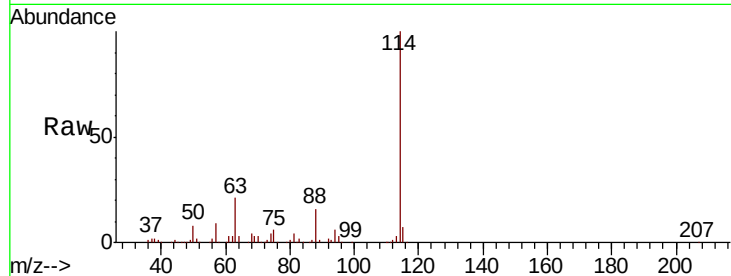




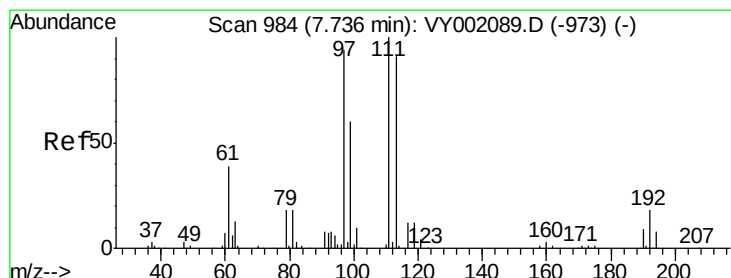
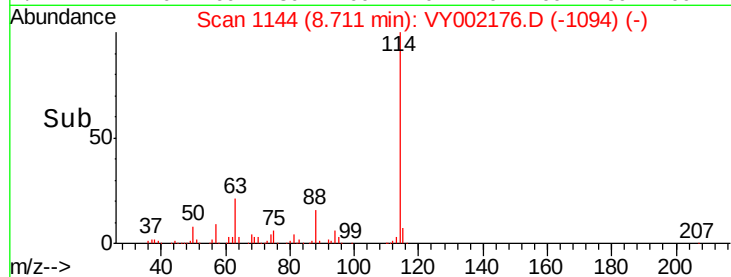
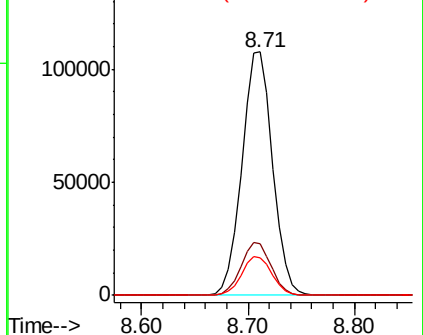
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002176.D
 Acq: 01 Apr 2020 20:10

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	15.5	0.0	33.0

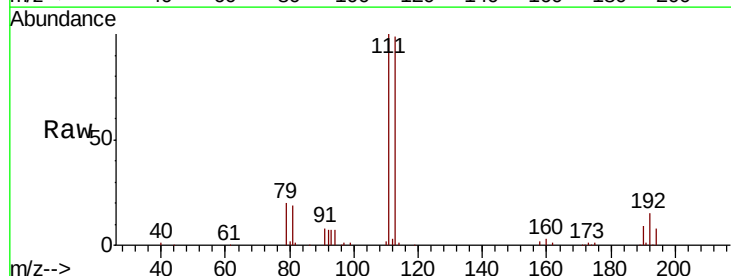


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

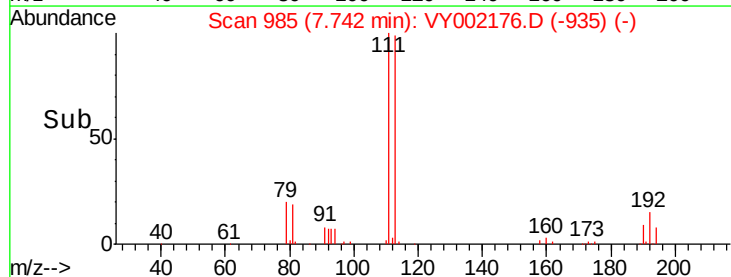
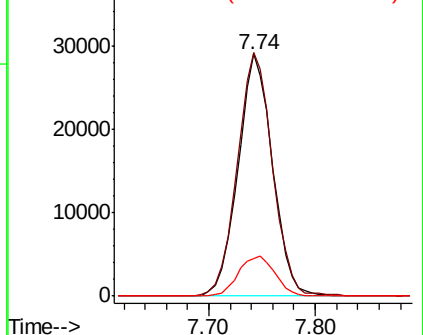


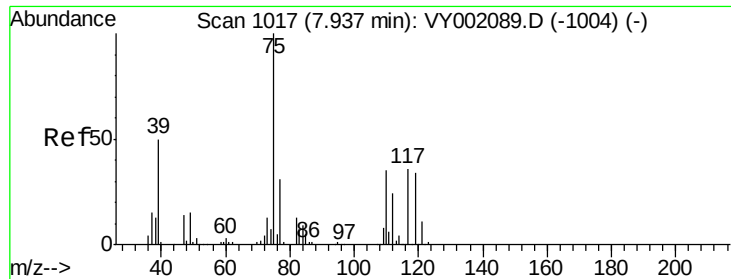
#35
 Dibromofluoromethane
 Concen: 53.972 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002176.D
 Acq: 01 Apr 2020 20:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.4	126.6
192	17.7	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

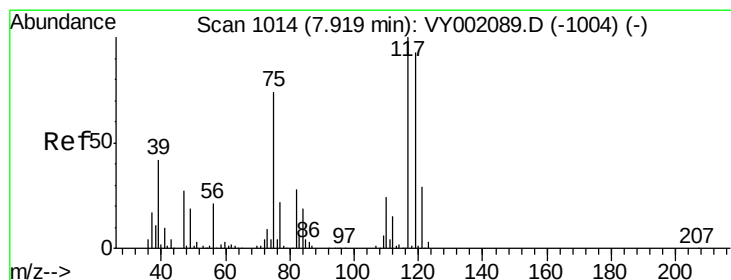
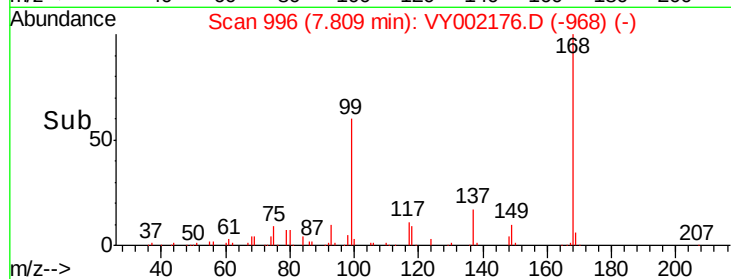
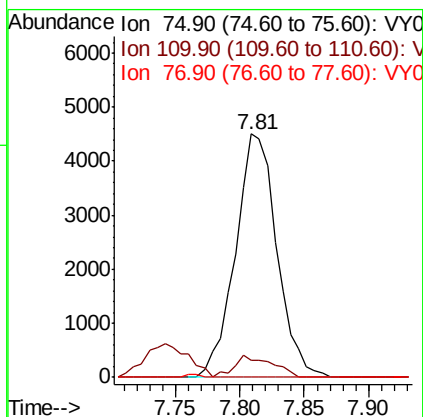
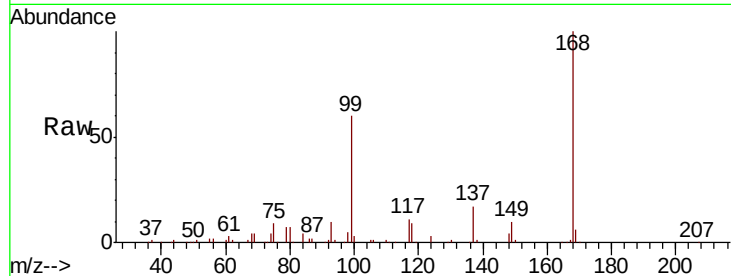




#36
 1,1-Dichloropropene
 Concen: 4.877 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002176.D
 Acq: 01 Apr 2020 20:10

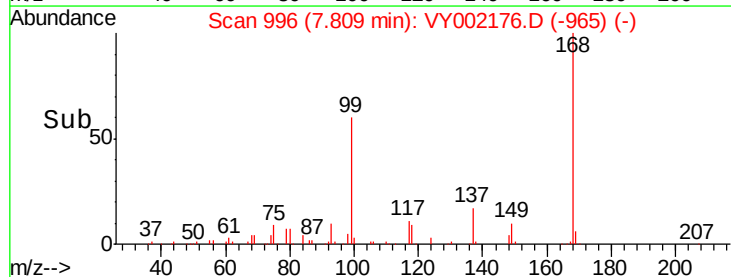
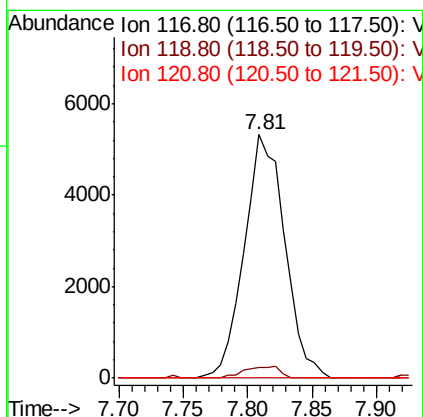
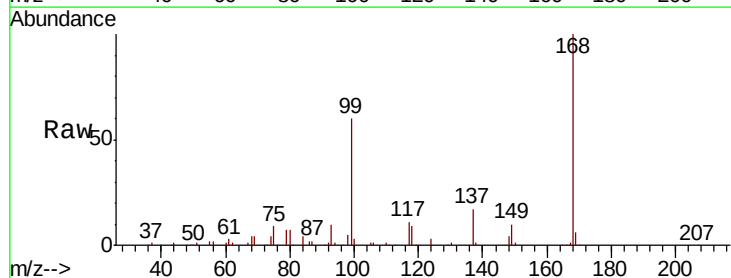
Instrument :
 MSVOA_Y
 ClientSampled :

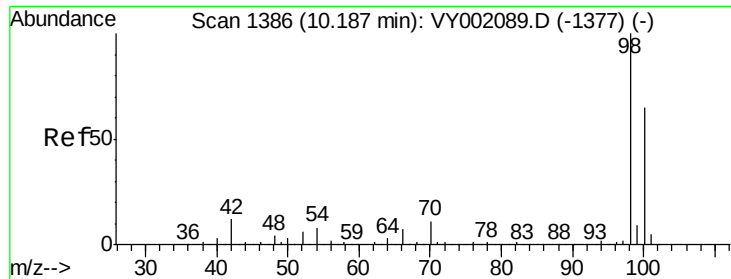
Tot Ion	75	Resp	10005
Ion Ratio	100	Lower	Upper
75	100		
110	8.2	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.659 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002176.D
 Acq: 01 Apr 2020 20:10

Tgt Ion	117	Resp	11590
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.2	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 51.213 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002176.D

Acq: 01 Apr 2020 20:10

Instrument :

MSVOA_Y

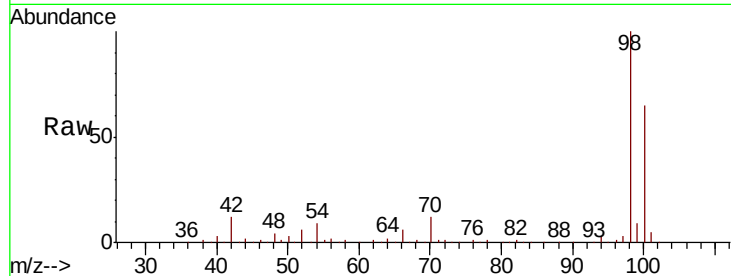
ClientSampleId :

Tot Ion: 98 Resp: 258535

Ion Ratio Lower Upper

98 100

100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002089.D (-1377) (-)

10.19

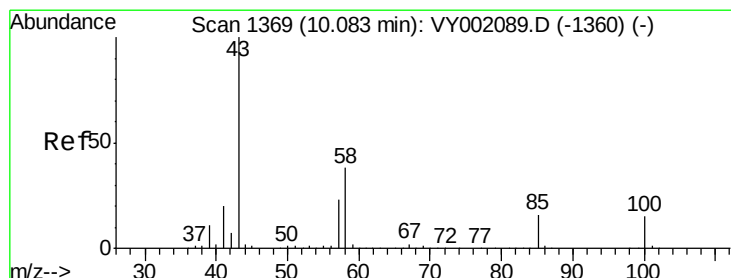
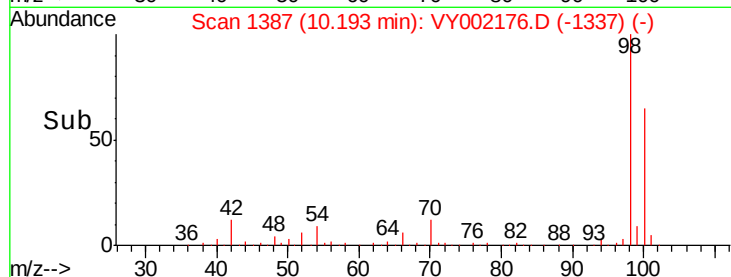
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.091 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.12 min

Lab File: VY002176.D

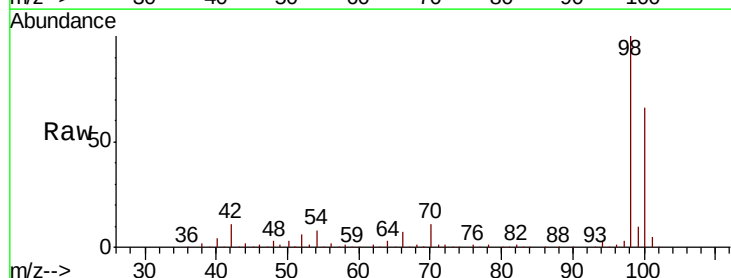
Acq: 01 Apr 2020 20:10

Tgt Ion: 43 Resp: 1293

Ion Ratio Lower Upper

43 100

58 183.9 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1360) (-)

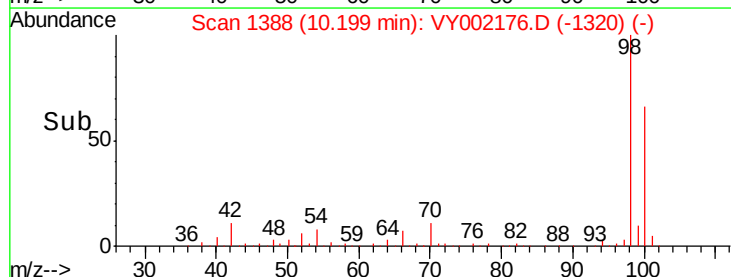
1500

1000

500

0

Time-->



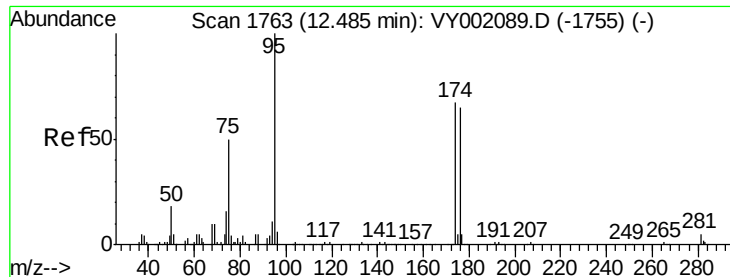
10.20

1500

1000

500

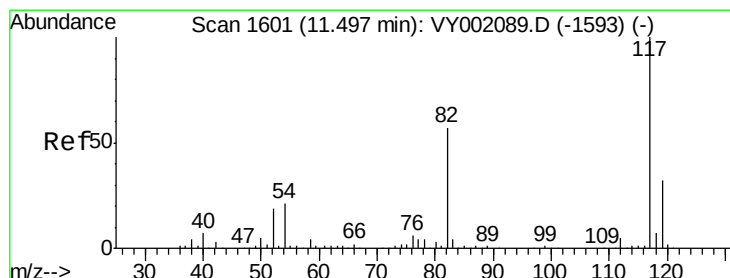
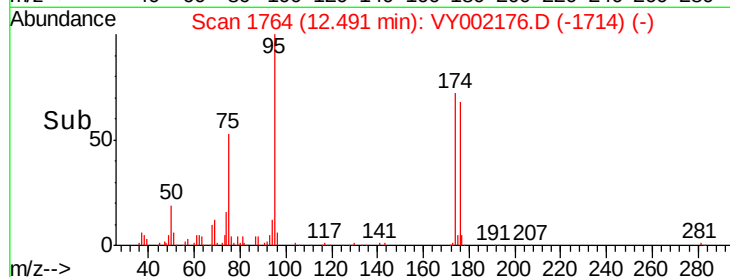
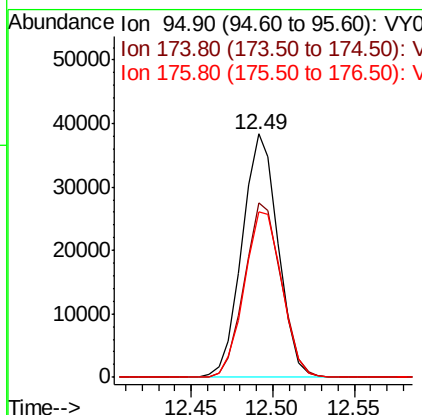
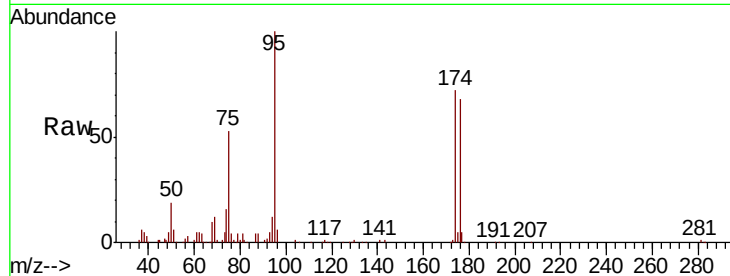
0



#62
4-Bromofluorobenzene
Concen: 33.317 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002176.D
Acq: 01 Apr 2020 20:10

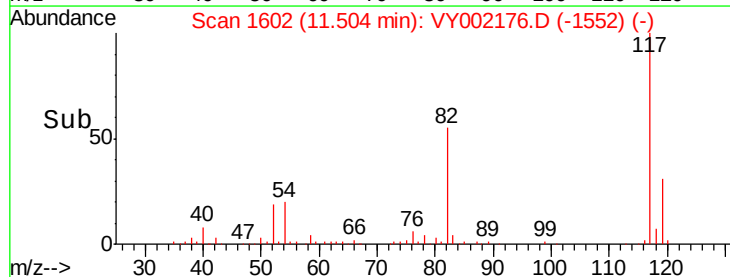
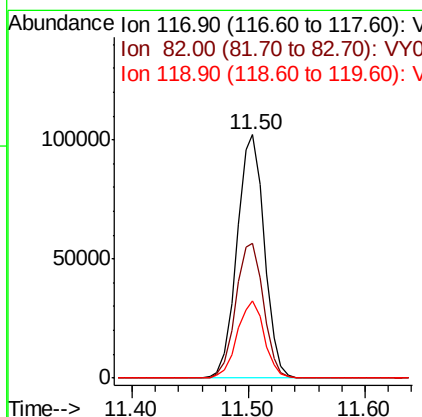
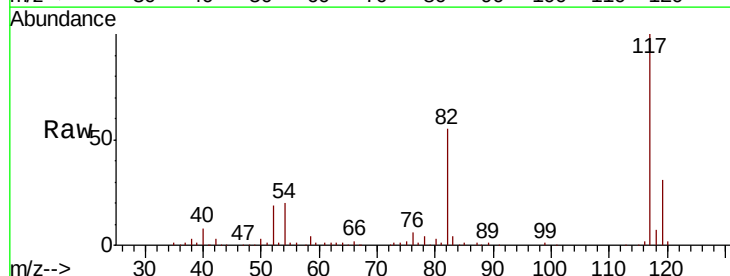
Instrument :
MSVOA_Y
ClientSampled :

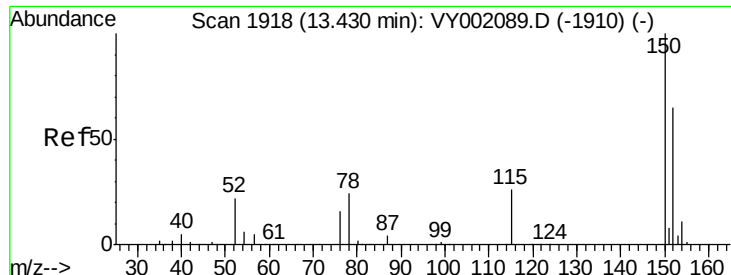
Tot Ion: 95 Resp: 58822
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.4
176 71.2 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002176.D
Acq: 01 Apr 2020 20:10

Tgt Ion: 117 Resp: 166769
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 31.5 25.3 37.9



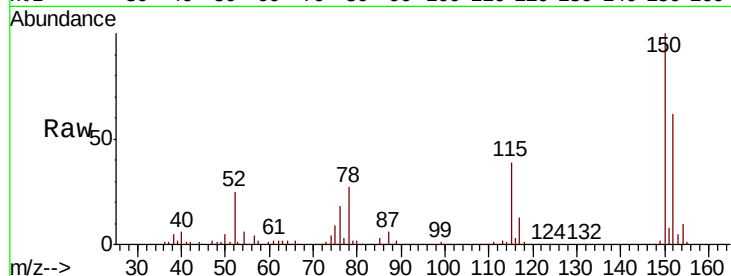


#72

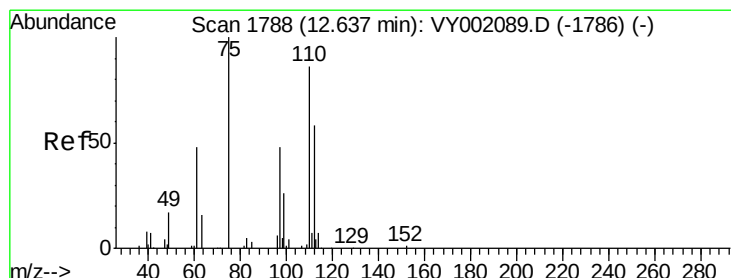
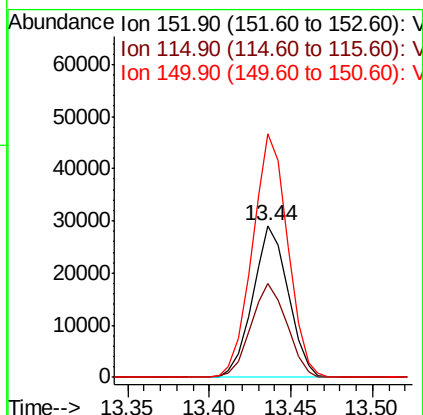
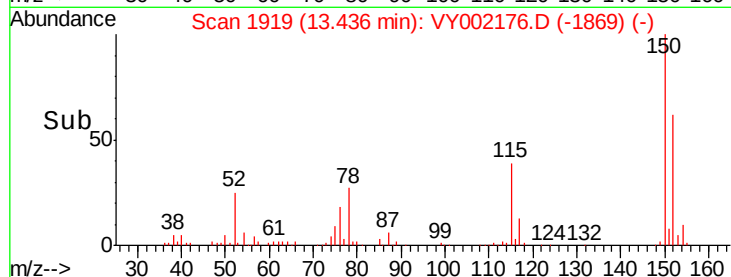
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002176.D
Acq: 01 Apr 2020 20:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 43796
Ion Ratio Lower Upper
152 100
115 62.9 31.2 93.6
150 160.0 0.0 354.8



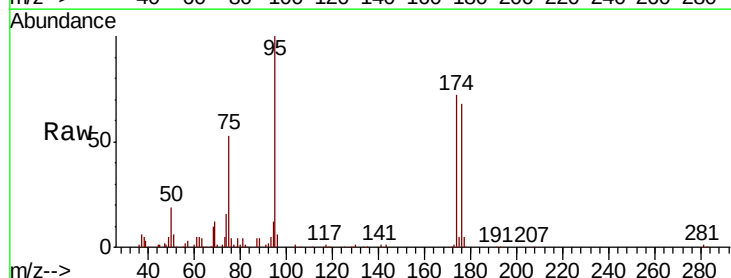
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



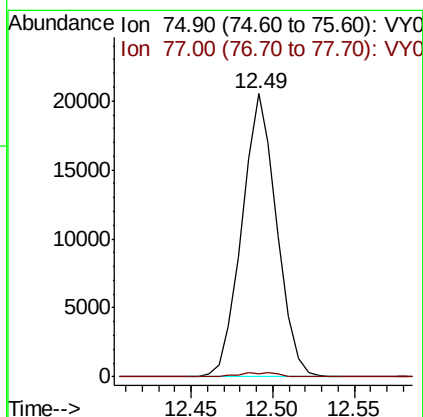
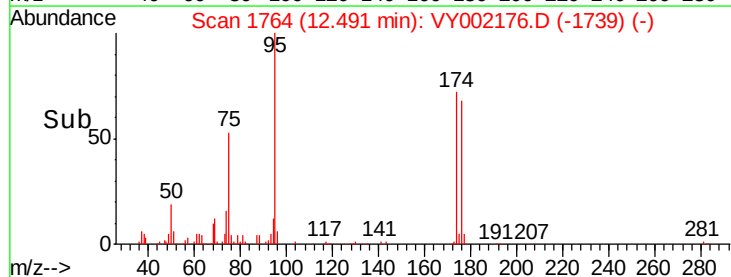
#76

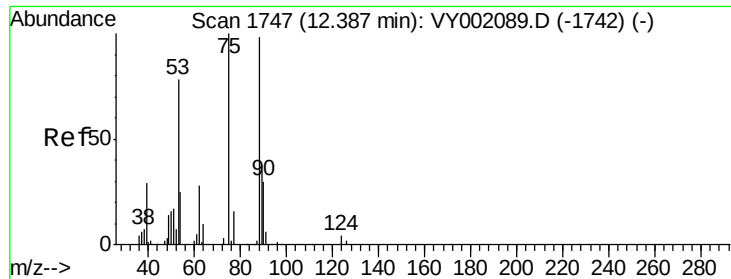
1,2,3-Trichloropropane
Concen: 62.072 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002176.D
Acq: 01 Apr 2020 20:10

Tgt Ion: 75 Resp: 30409
Ion Ratio Lower Upper
75 100
77 1.8 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: 120.255 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002176.D

Acq: 01 Apr 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

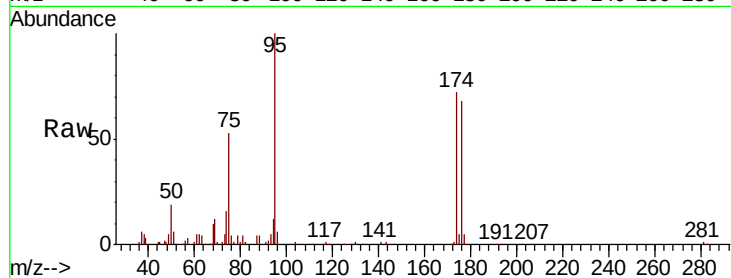
Tot Ion: 75 Resp: 30409

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

