

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002495.D
 Acq On : 28 Apr 2020 15:27
 Operator : SY/MD
 Sample : L2422-01RE
 Misc : 8.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 29 00:28:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

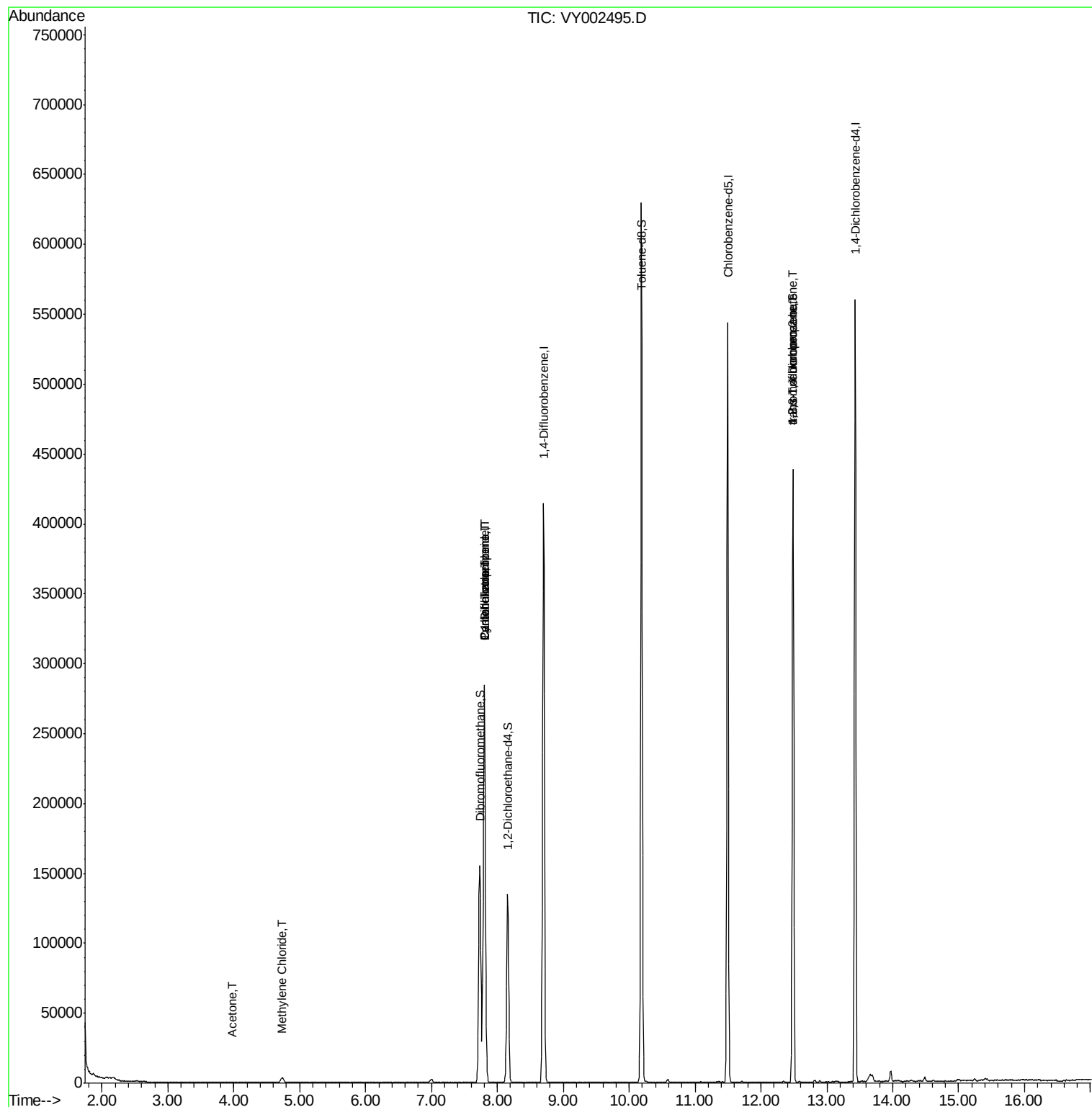
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235997	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	362380	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	318518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	147059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	110921	53.77	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.54%	
35) Dibromofluoromethane	7.74	113	108891	53.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.54%	
50) Toluene-d8	10.19	98	423395	51.54	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.48	95	127570	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	458	1.062	ug/l #	82
20) Methylene Chloride	4.73	84	2756	1.120	ug/l #	83
31) Cyclohexane	7.80	56	3716	1.046	ug/l #	22
36) 1,1-Dichloropropene	7.80	75	14049	4.521	ug/l #	50
38) Carbon Tetrachloride	7.81	117	21392	5.987	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	65637	52.661	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	65637	97.448	ug/l #	15

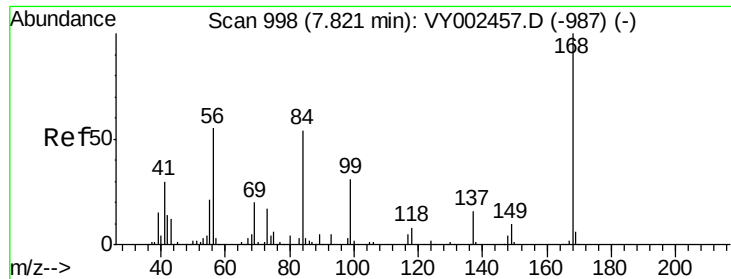
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002495.D

Acq: 28 Apr 2020 15:27

Instrument :

MSVOA_Y

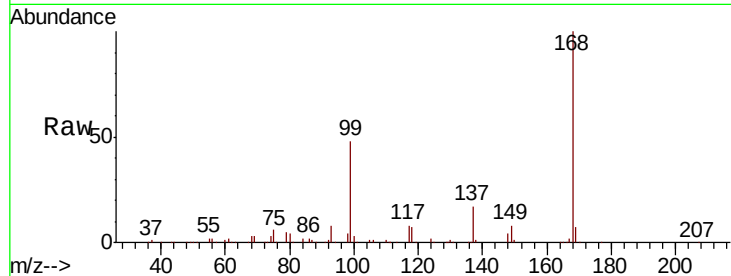
ClientSampled :

Tot Ion:168 Resp: 235997

Ion Ratio Lower Upper

168 100

99 48.1 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.80

120000

100000

80000

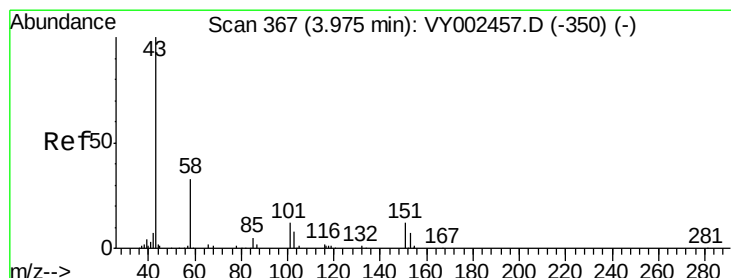
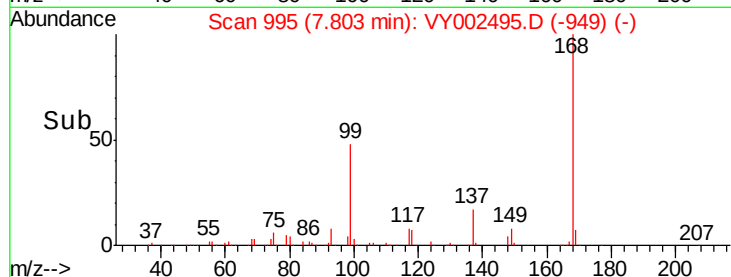
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.062 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY002495.D

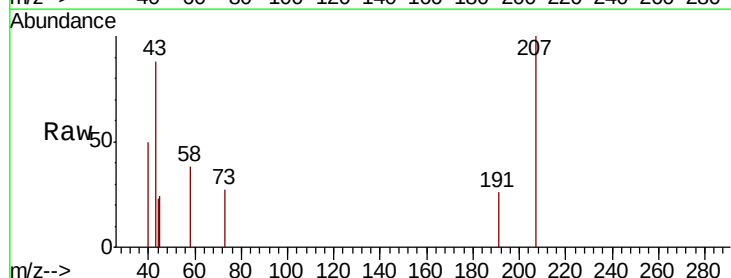
Acq: 28 Apr 2020 15:27

Tgt Ion: 43 Resp: 458

Ion Ratio Lower Upper

43 100

58 43.2 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)

3.97

250

200

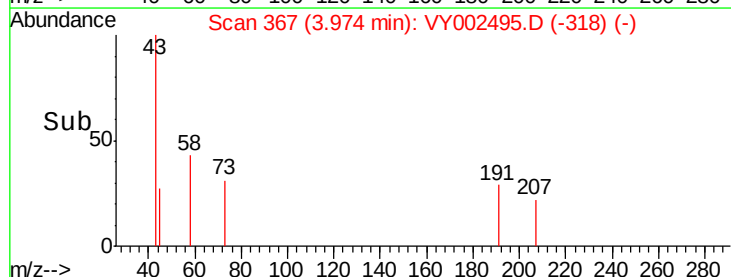
150

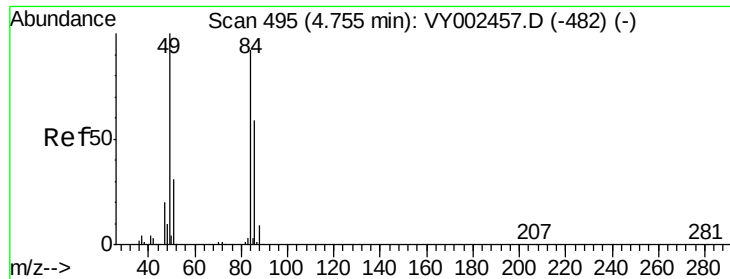
100

50

0

Time-->

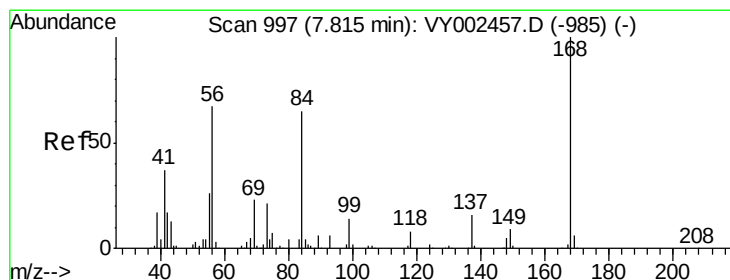
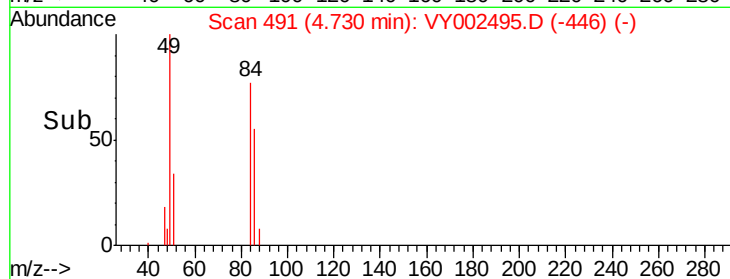
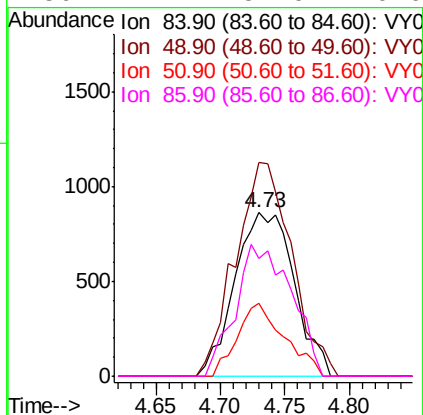
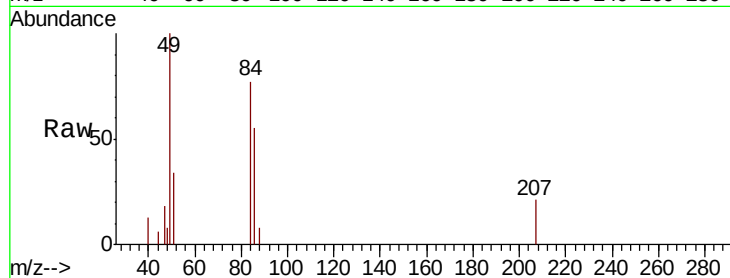




#20
Methylene Chloride
Concen: 1.120 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY002495.D
Acq: 28 Apr 2020 15:27

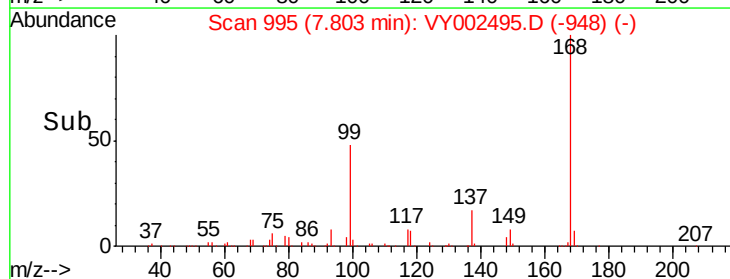
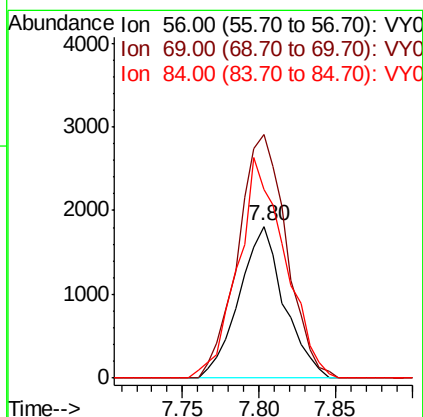
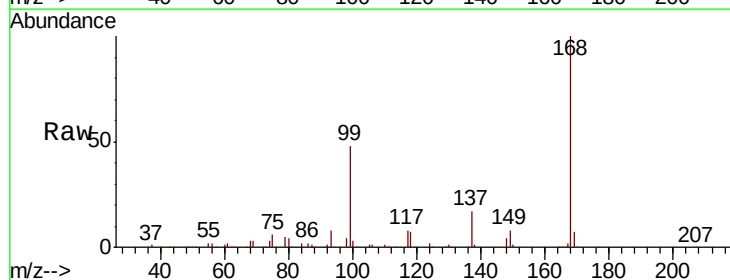
Instrument :
MSVOA_Y
ClientSampleId :

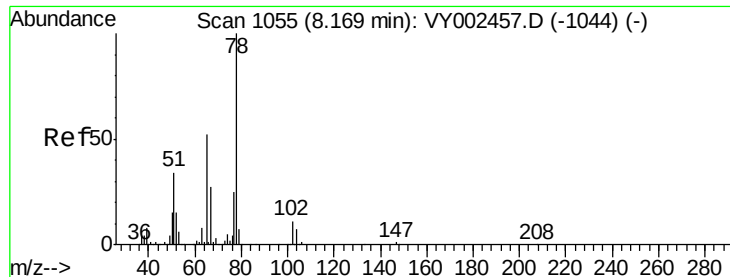
Tot Ion:	84	Resp:	2756
Ion	Ratio	Lower	Upper
84	100		
49	130.6	86.9	130.3#
51	44.7	27.3	40.9#
86	72.4	51.0	76.6



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002495.D
Acq: 28 Apr 2020 15:27

Tgt Ion:	56	Resp:	3716
Ion	Ratio	Lower	Upper
56	100		
69	160.4	27.0	40.6#
84	124.7	77.4	116.2#

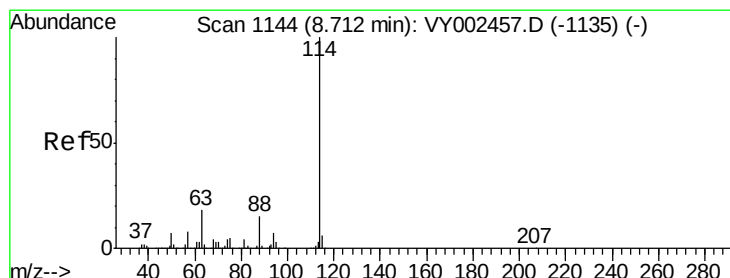
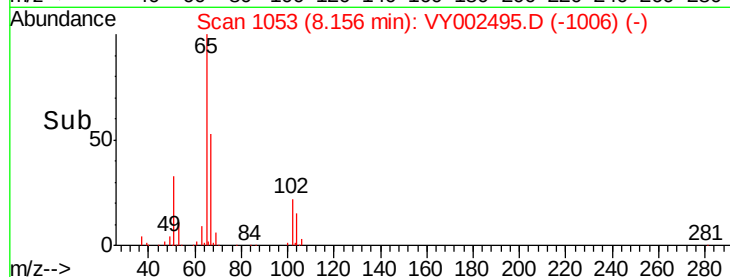
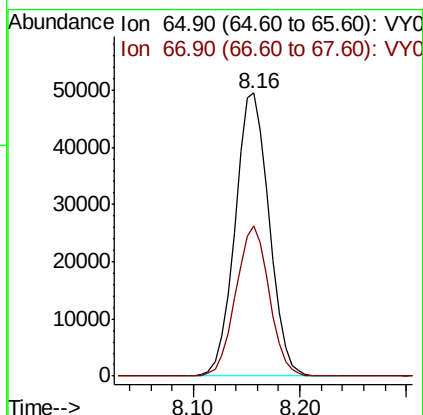
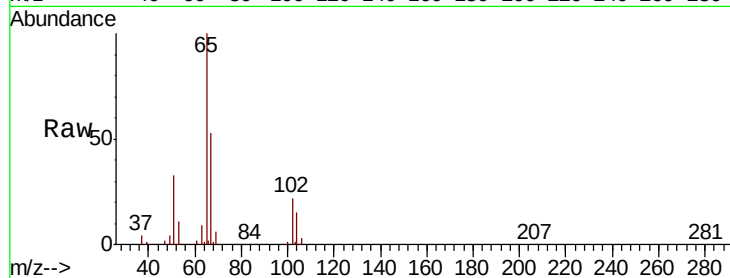




#33
 1,2-Dichloroethane-d4
 Concen: 53.775 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002495.D
 Acq: 28 Apr 2020 15:27

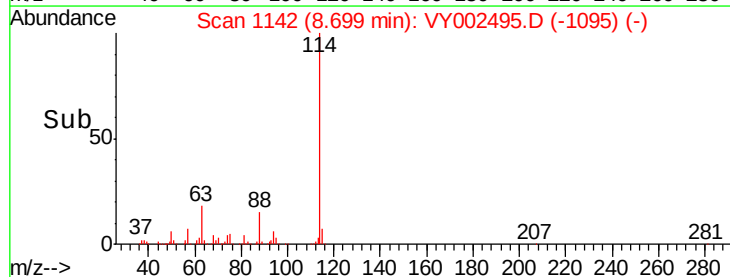
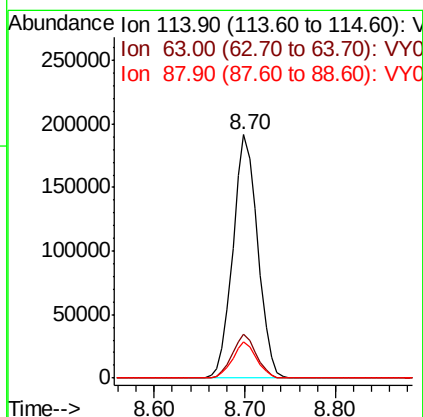
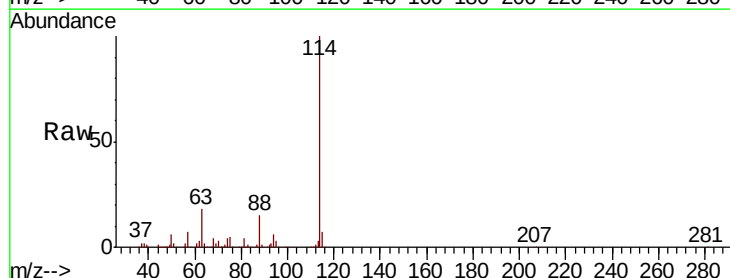
Instrument :
 MSVOA_Y
 ClientSampled :

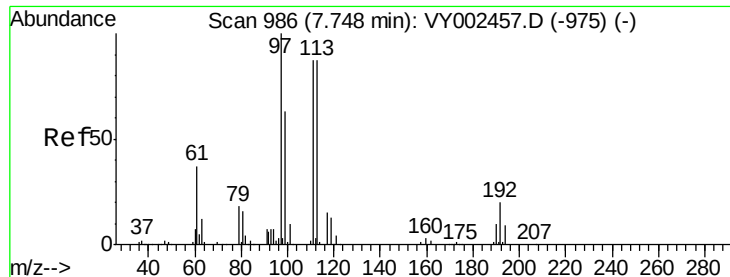
Tot Ion: 65 Resp: 110921
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002495.D
 Acq: 28 Apr 2020 15:27

Tgt Ion: 114 Resp: 362380
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 53.273 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002495.D

Acq: 28 Apr 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :

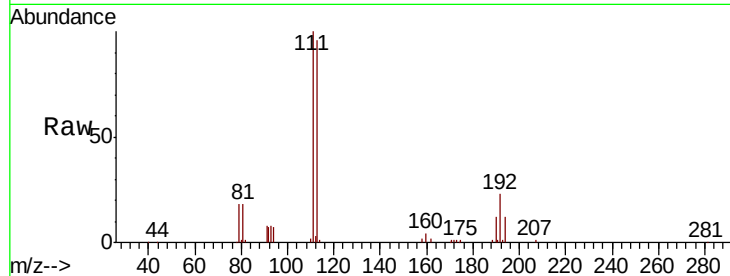
Tot Ion:113 Resp: 108891

Ion Ratio Lower Upper

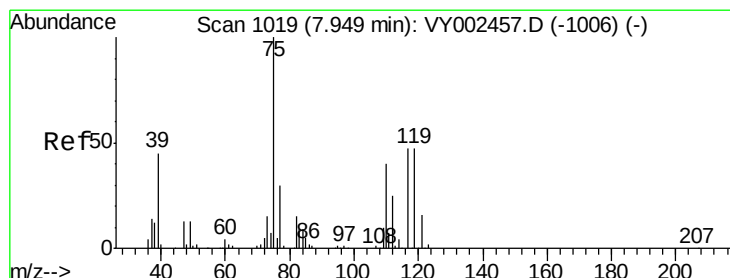
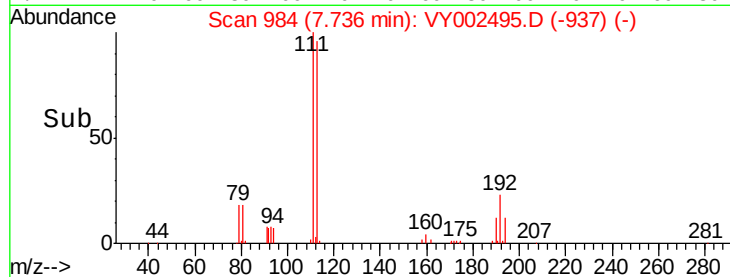
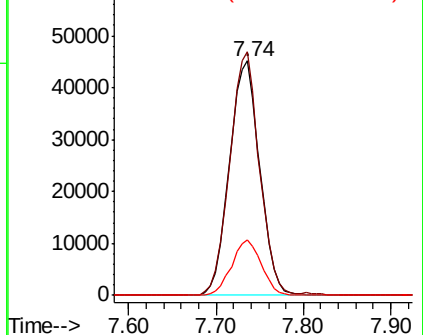
113 100

111 101.4 81.0 121.4

192 23.1 18.6 27.8



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: 4.521 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.15 min

Lab File: VY002495.D

Acq: 28 Apr 2020 15:27

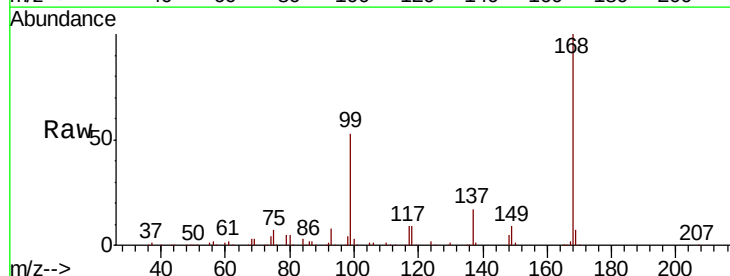
Tgt Ion: 75 Resp: 14049

Ion Ratio Lower Upper

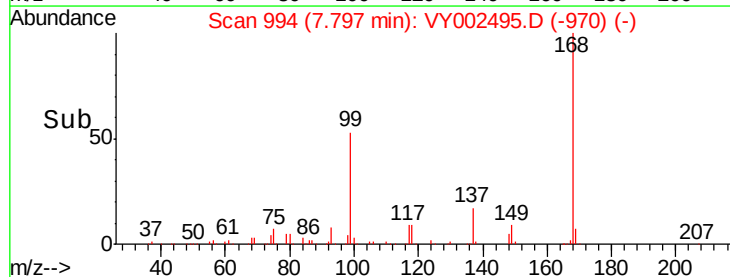
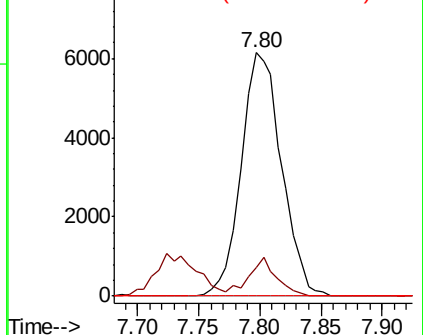
75 100

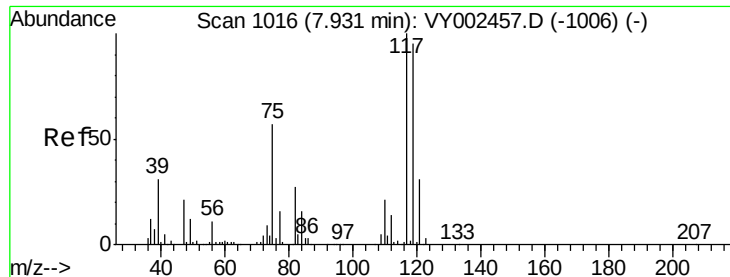
110 11.0 19.4 58.4#

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: 5.987 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY002495.D

Acq: 28 Apr 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

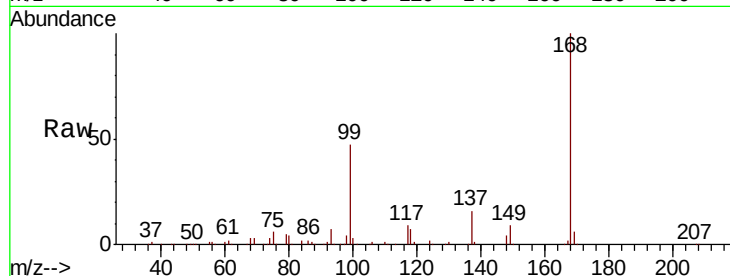
Tot Ion:117 Resp: 21392

Ion Ratio Lower Upper

117 100

119 5.8 75.9 113.9#

121 0.0 24.5 36.7#

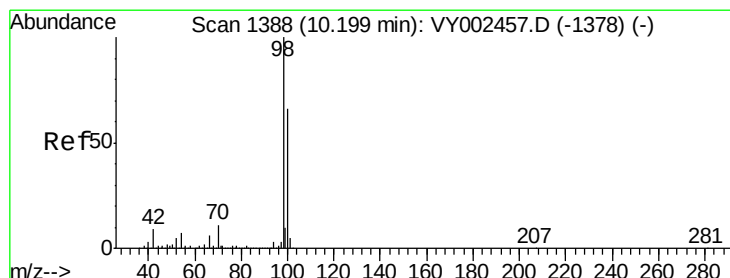
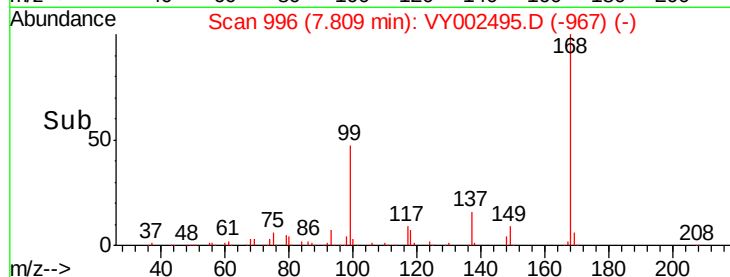
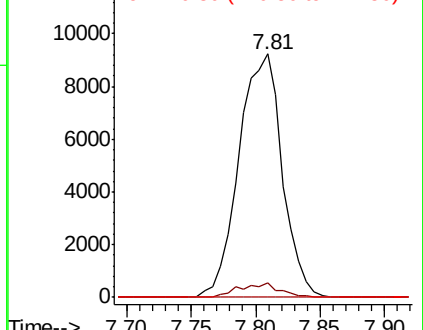


Abundance

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: 51.537 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002495.D

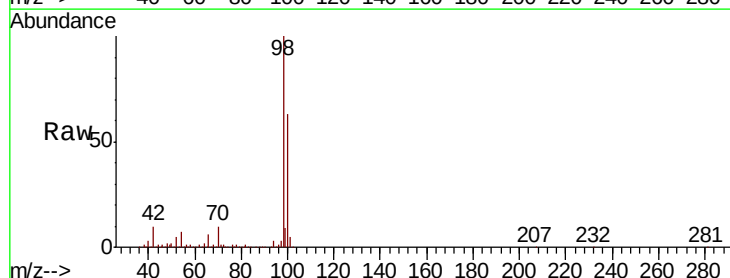
Acq: 28 Apr 2020 15:27

Tgt Ion: 98 Resp: 423395

Ion Ratio Lower Upper

98 100

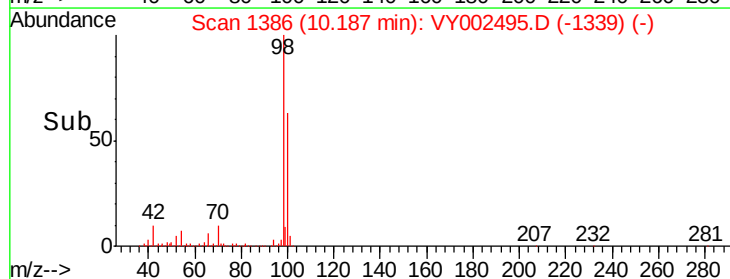
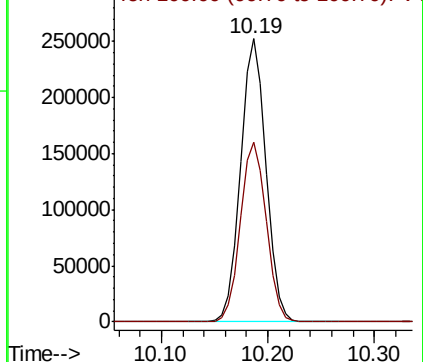
100 64.6 51.1 76.7

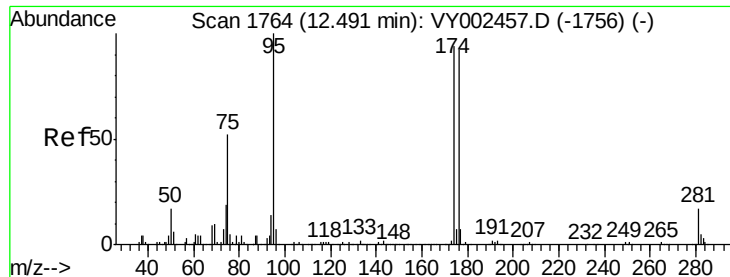


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

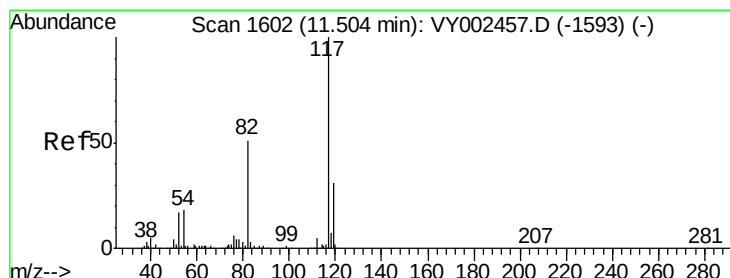
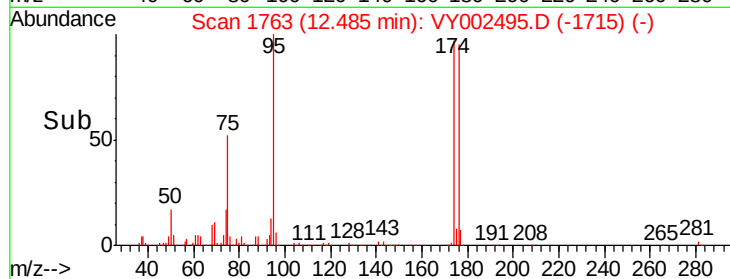
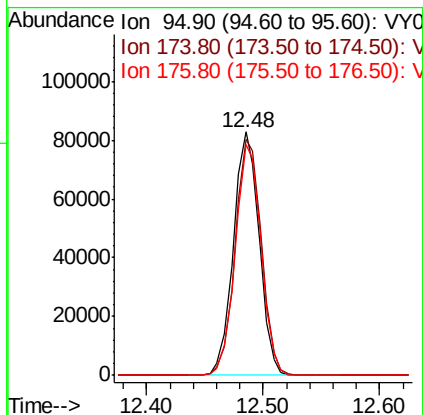
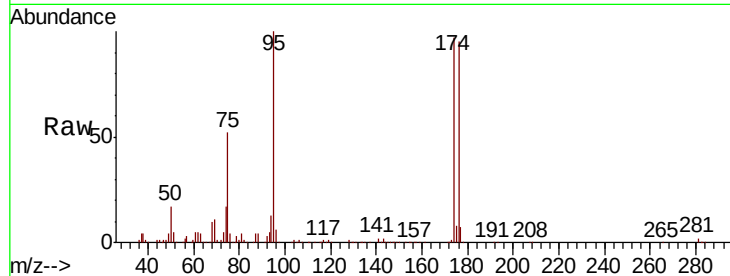




#62
4-Bromofluorobenzene
Concen: 46.278 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002495.D
Acq: 28 Apr 2020 15:27

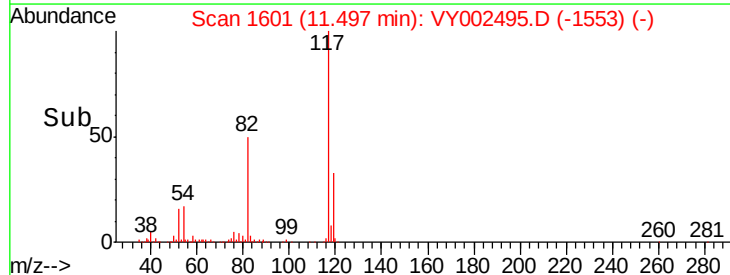
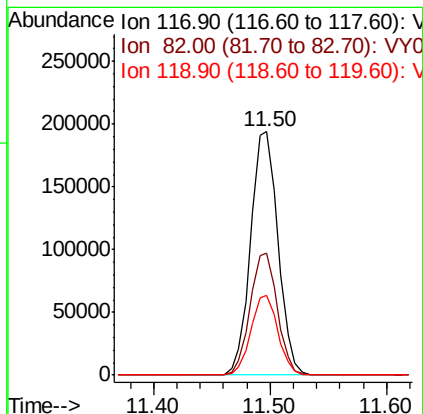
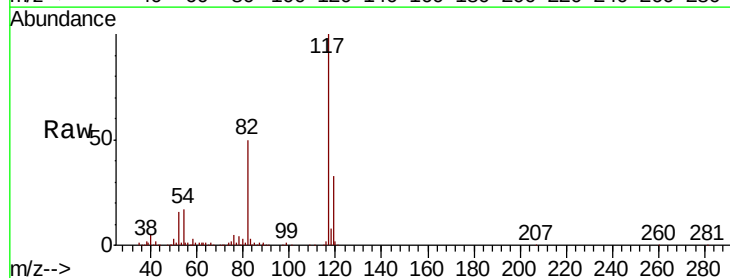
Instrument :
MSVOA_Y
ClientSampleId :

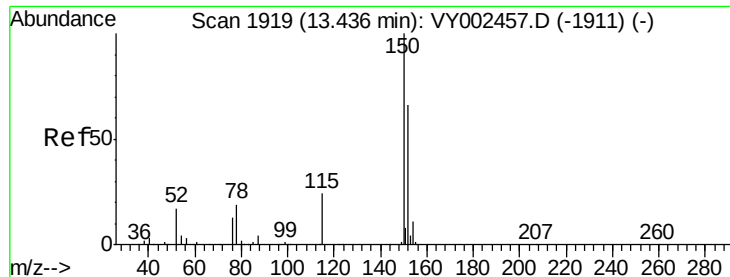
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.5	0.0	193.0
176	95.1	0.0	190.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002495.D
Acq: 28 Apr 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.1	40.8	61.2
119	32.7	25.2	37.8

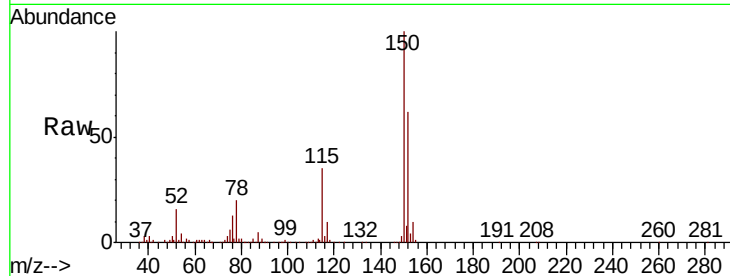




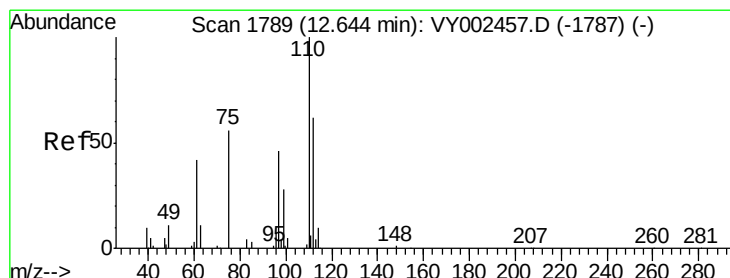
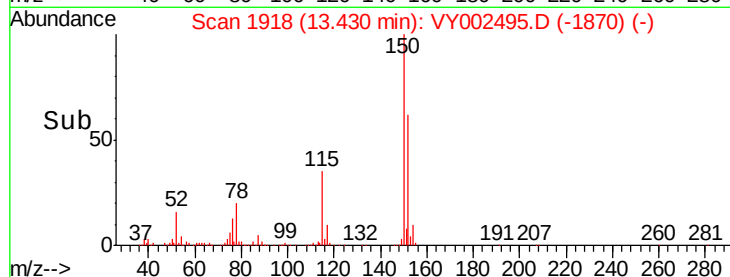
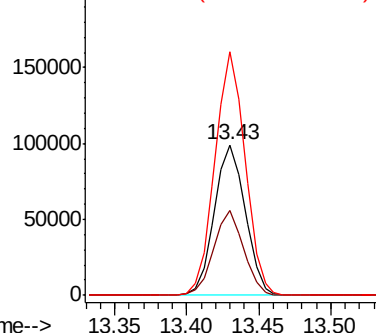
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: VY002495.D
 Acq: 28 Apr 2020 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:152 Resp: 147059
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.3 81.8
 150 158.2 0.0 346.8

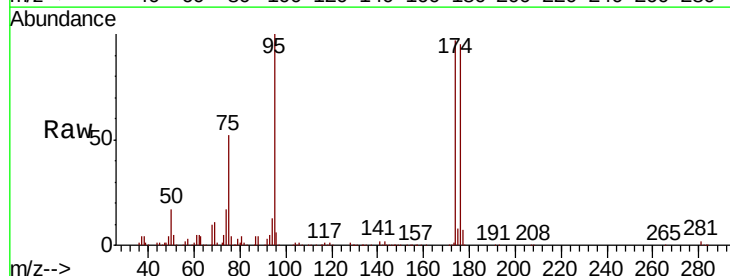


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

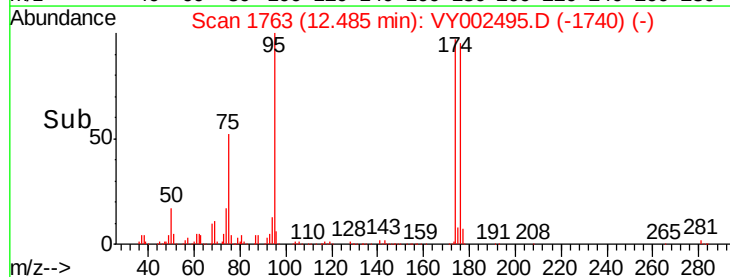
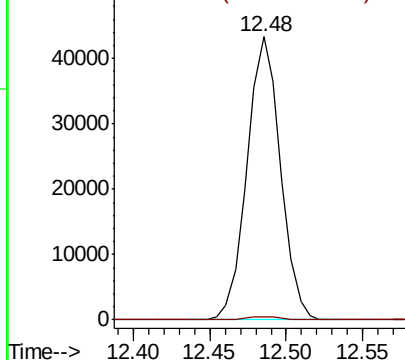


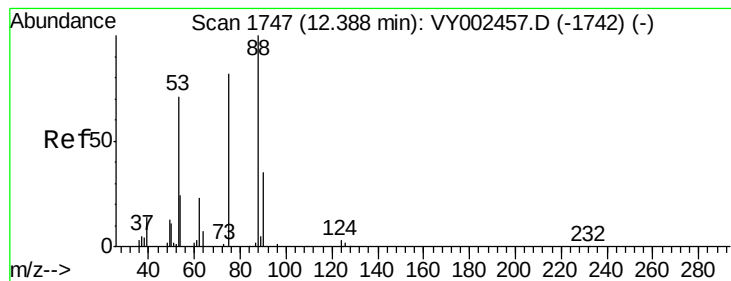
#76
 1,2,3-Trichloropropane
 Concen: 52.661 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.16 min
 Lab File: VY002495.D
 Acq: 28 Apr 2020 15:27

Tgt Ion: 75 Resp: 65637
 Ion Ratio Lower Upper
 75 100
 77 1.2 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: 97.448 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002495.D

Acq: 28 Apr 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

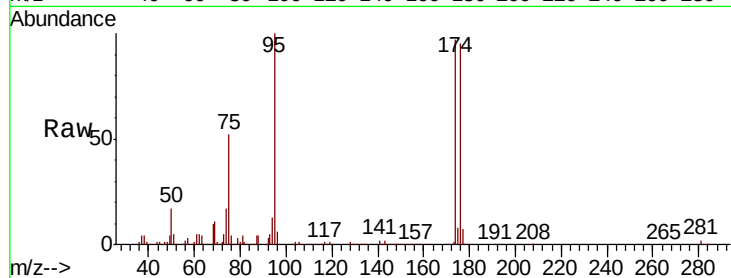
Tot Ion: 75 Resp: 65637

Ion Ratio Lower Upper

75 100

53 0.0 70.0 105.0#

89 0.0 34.9 52.3#



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

