

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002317.D
 Acq On : 14 Apr 2020 18:25
 Operator : SY/MD
 Sample : L2230-15RE
 Misc : 4.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 15 05:37:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

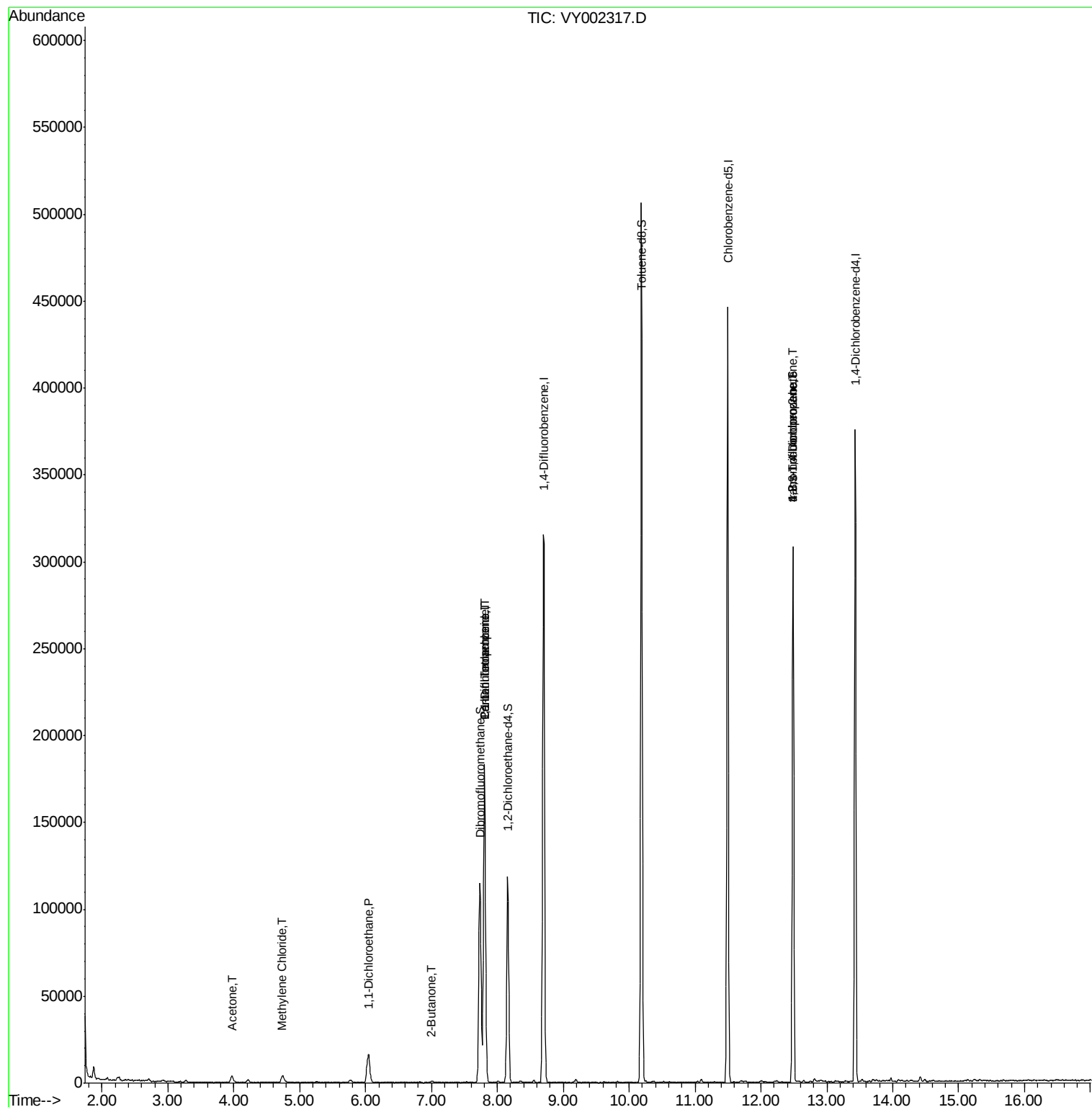
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	140702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	89052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82716	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	7.74	113	83173	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.19	98	338634	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.49	95	99937	43.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.00%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	7034	17.068	ug/l	94
20) Methylene Chloride	4.74	84	3076	1.519	ug/l #	88
24) 1,1-Dichloroethane	6.04	63	25445	8.103	ug/l	99
25) 2-Butanone	7.00	43	1141	1.749	ug/l #	46
36) 1,1-Dichloropropene	7.81	75	11090	4.027	ug/l #	50
38) Carbon Tetrachloride	7.81	117	13869	5.888	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	49168	47.547	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	49168	92.479	ug/l #	19

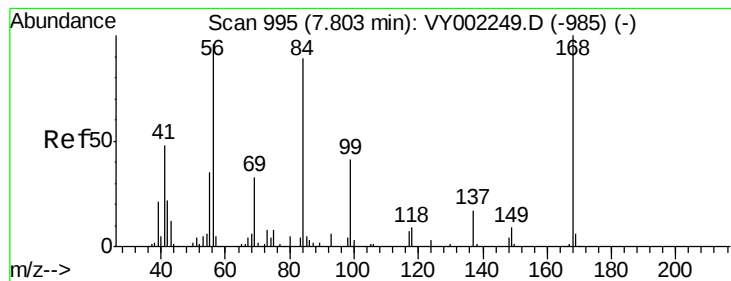
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002317.D

Acq: 14 Apr 2020 18:25

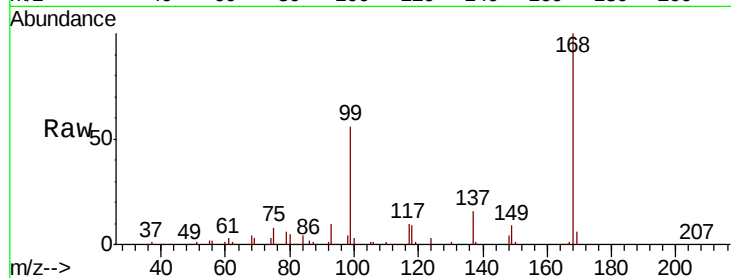
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 140702

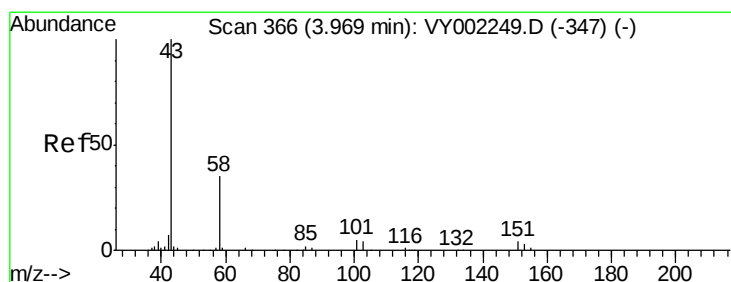
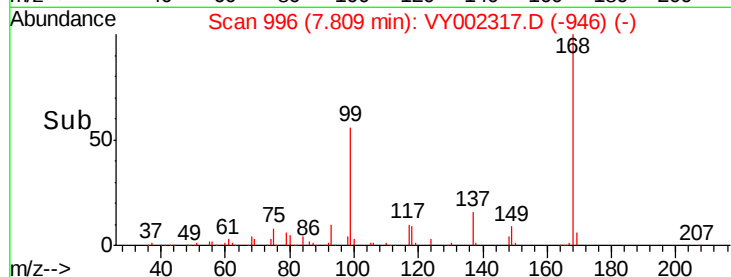
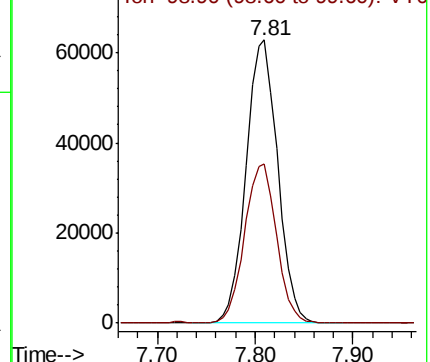
Ion Ratio Lower Upper

168 100

99 56.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 17.068 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002317.D

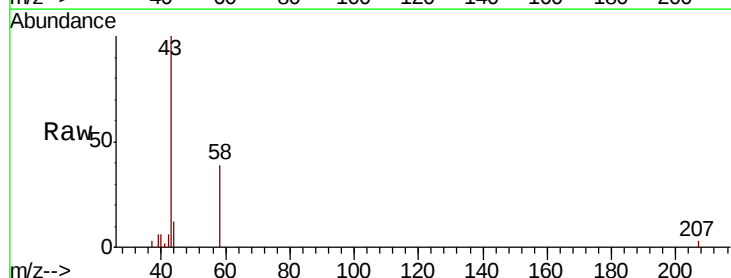
Acq: 14 Apr 2020 18:25

Tgt Ion: 43 Resp: 7034

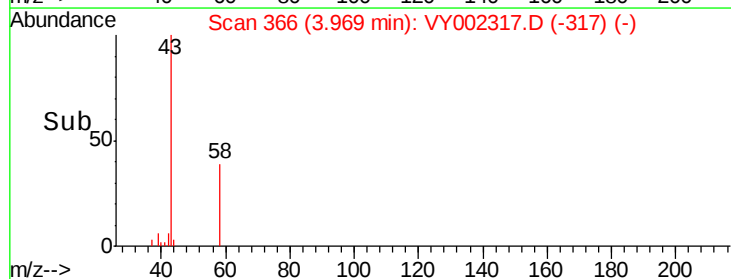
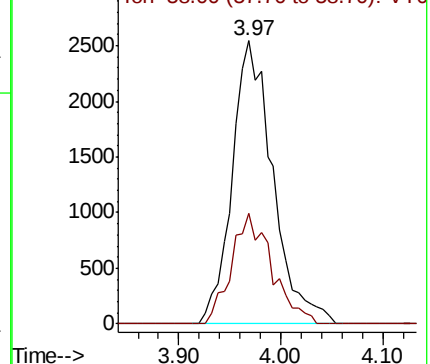
Ion Ratio Lower Upper

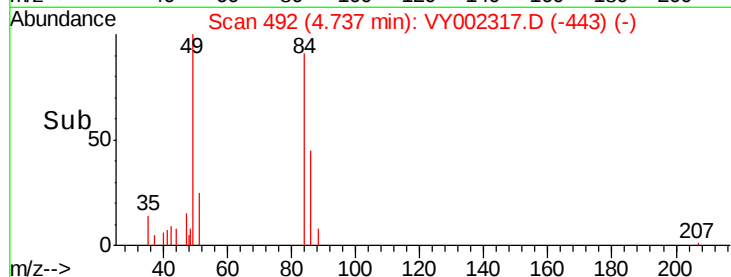
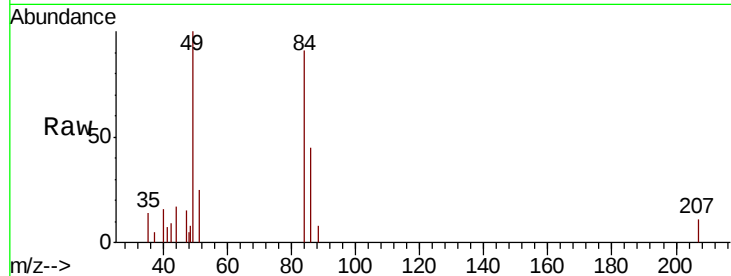
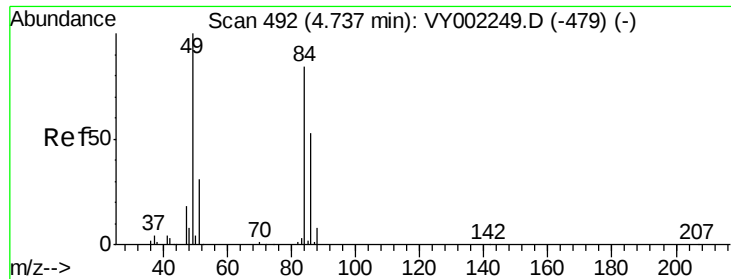
43 100

58 39.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

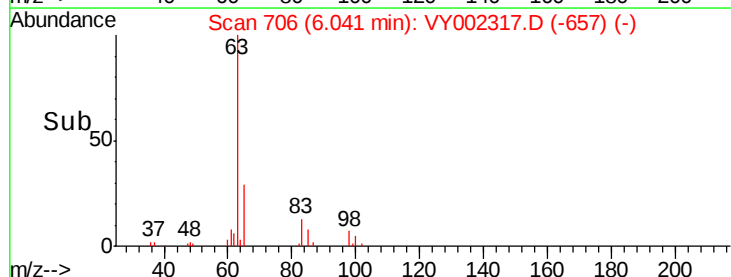
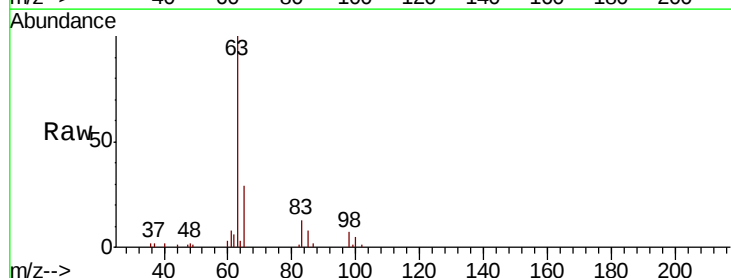
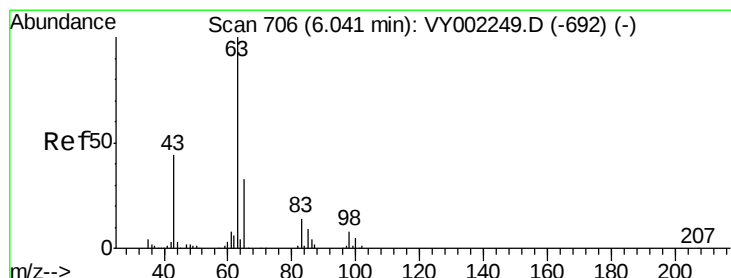
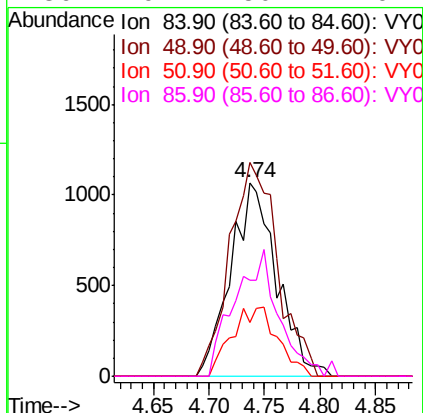




#20
Methvlene Chloride
Concen: 1.519 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002317.D
Acq: 14 Apr 2020 18:25

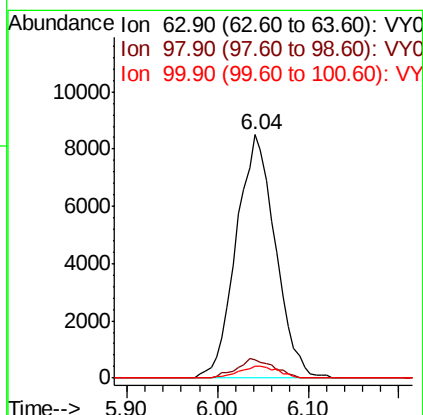
Instrument :
MSVOA_Y
ClientSampleId :

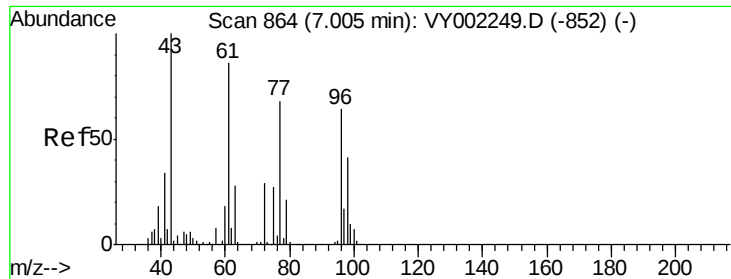
Tot Ion	84	Resp	3076
Ion	Ratio	Lower	Upper
84	100		
49	110.5	95.5	143.3
51	27.6	29.5	44.3#
86	49.4	50.7	76.1#



#24
1,1-Dichloroethane
Concen: 8.103 ug/l
RT: 6.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VY002317.D
Acq: 14 Apr 2020 18:25

Tgt Ion	63	Resp	25445
Ion	Ratio	Lower	Upper
63	100		
98	7.4	4.0	12.0
100	4.9	2.4	7.1

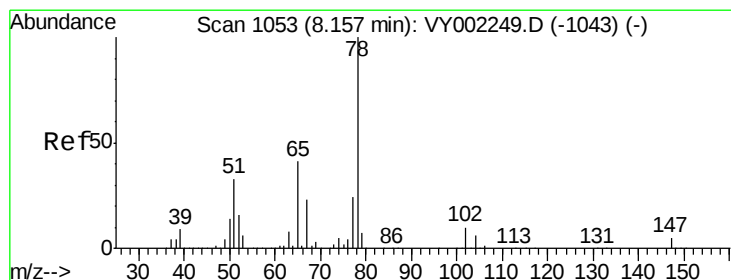
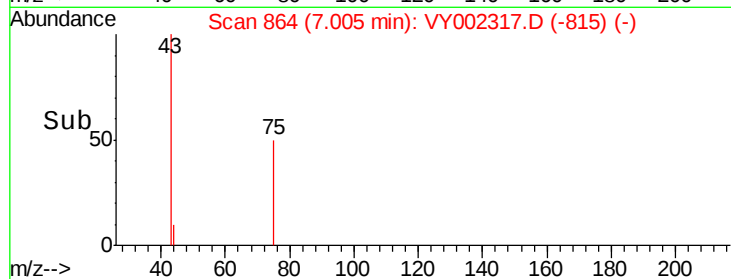
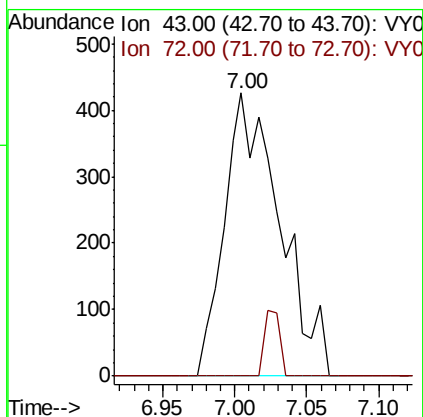
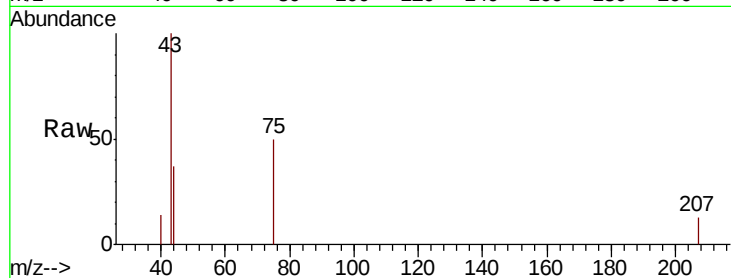




#25
2-Butanone
Concen: 1.749 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002317.D
Acq: 14 Apr 2020 18:25

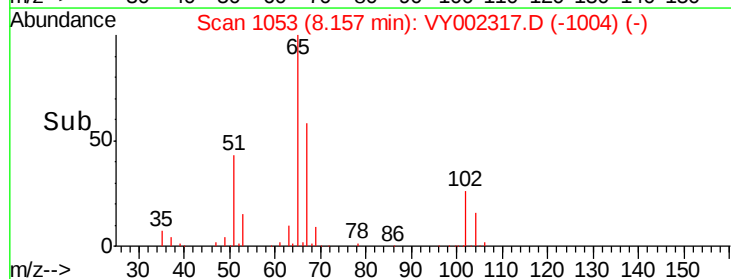
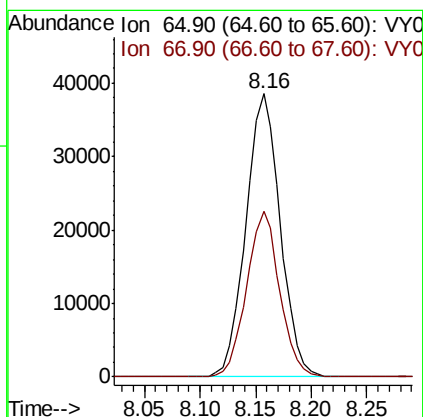
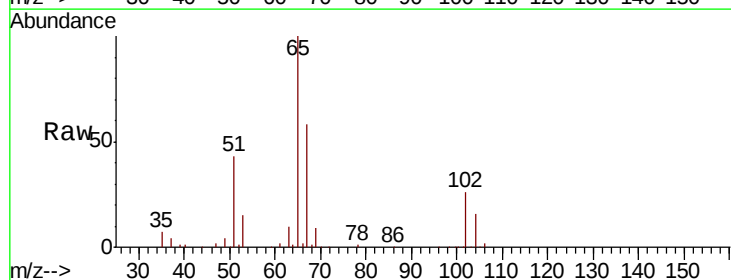
Instrument :
MSVOA_Y
ClientSampled :

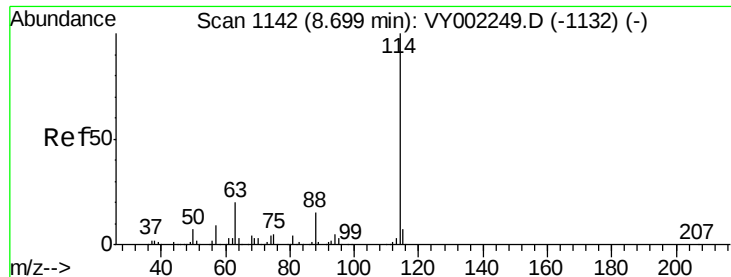
Tot Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#33
1,2-Dichloroethane-d4
Concen: 52.864 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY002317.D
Acq: 14 Apr 2020 18:25

Tgt Ion: 65 Resp: 82716
Ion Ratio Lower Upper
65 100
67 56.3 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002317.D

Acq: 14 Apr 2020 18:25

Instrument :

MSVOA_Y

ClientSampleId :

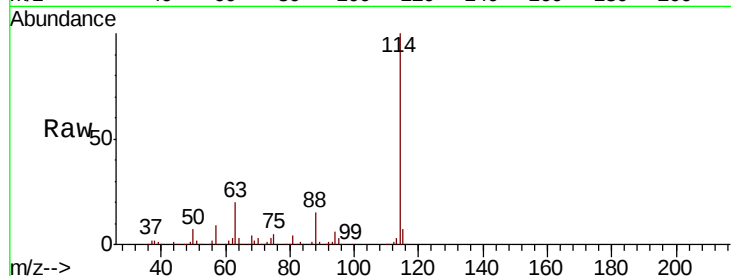
Tot Ion:114 Resp: 279586

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

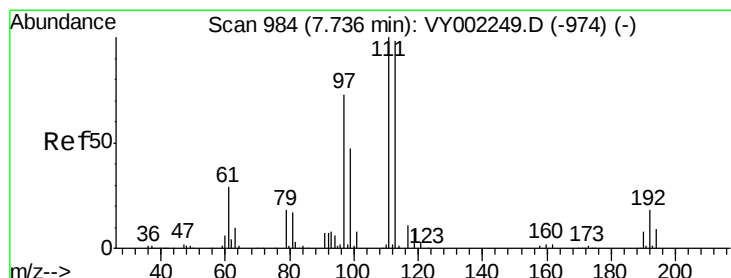
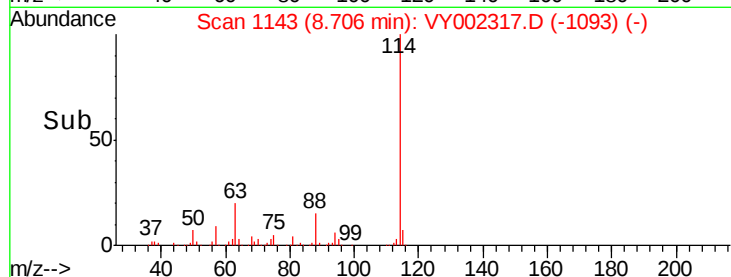
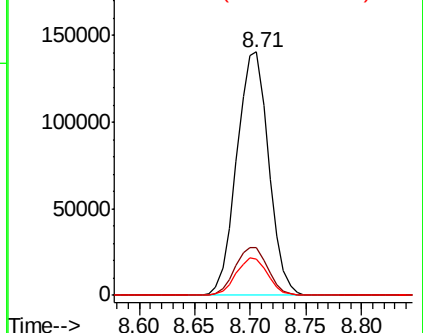
88 15.1 0.0 31.0



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: 49.995 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002317.D

Acq: 14 Apr 2020 18:25

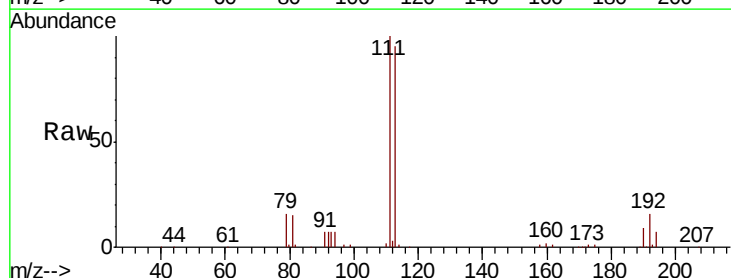
Tgt Ion:113 Resp: 83173

Ion Ratio Lower Upper

113 100

111 104.2 83.5 125.3

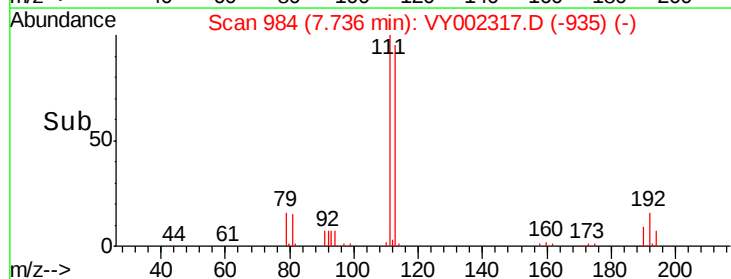
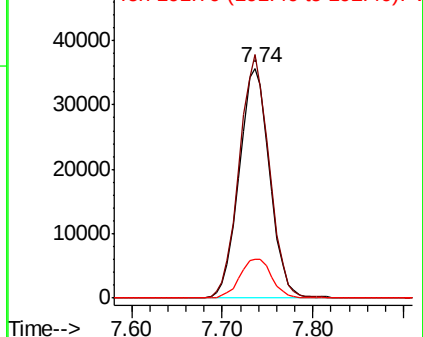
192 17.7 14.7 22.1

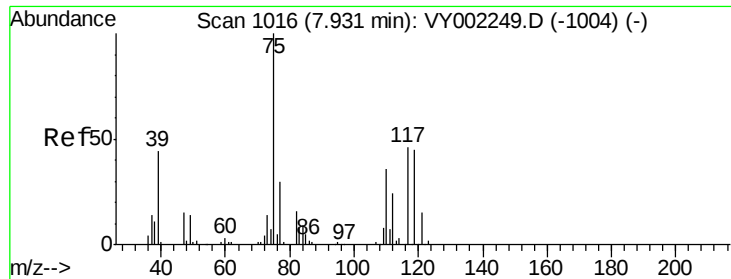


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

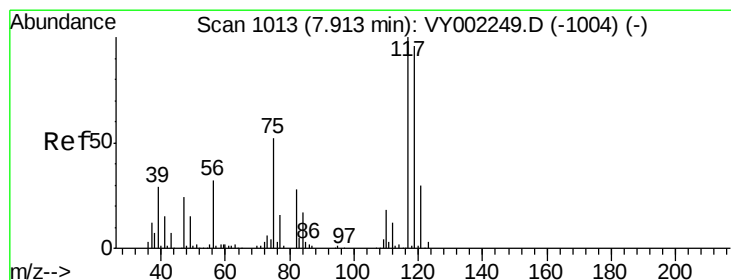
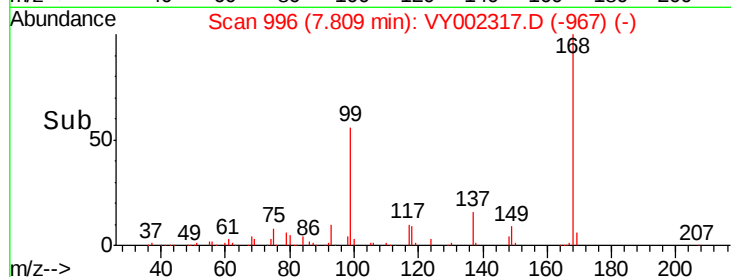
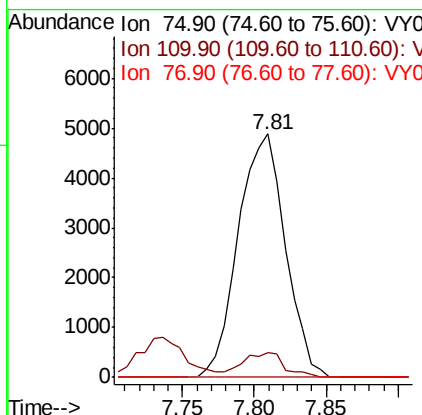
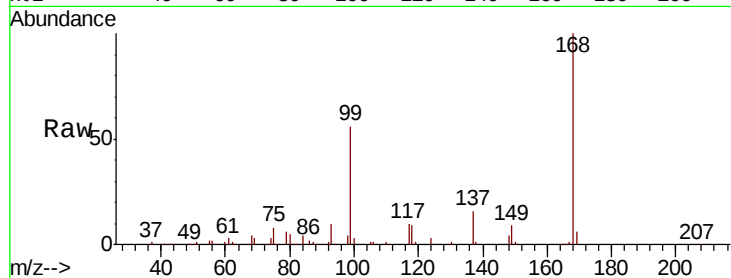




#36
 1,1-Dichloropropene
 Concen: 4.027 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002317.D
 Acq: 14 Apr 2020 18:25

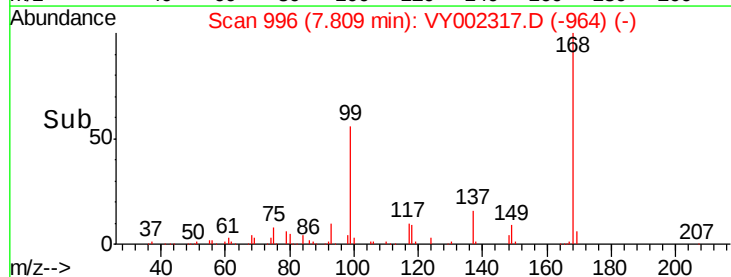
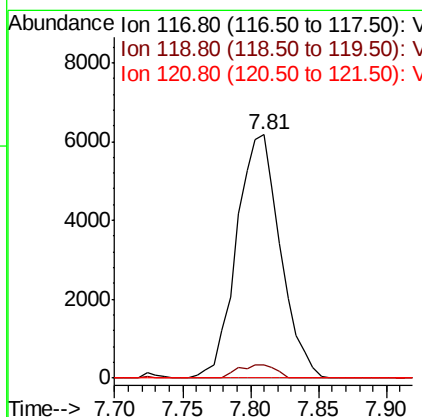
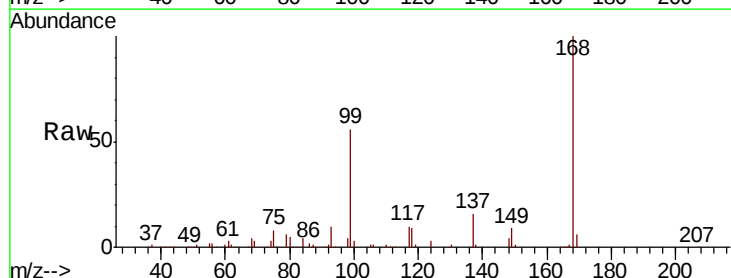
Instrument :
 MSVOA_Y
 ClientSampled :

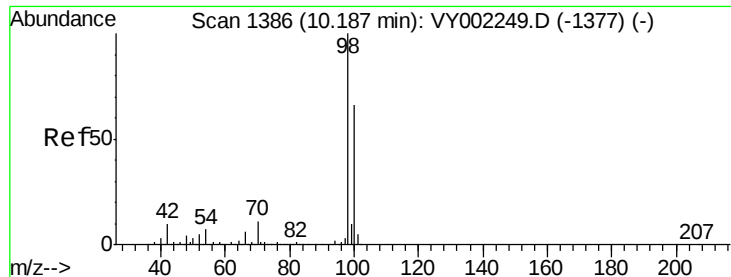
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.888 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002317.D
 Acq: 14 Apr 2020 18:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.631 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002317.D

Acq: 14 Apr 2020 18:25

Instrument :

MSVOA_Y

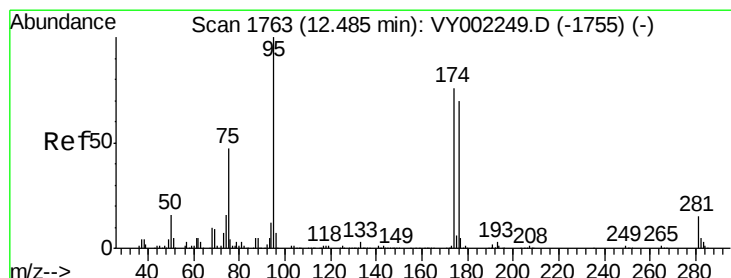
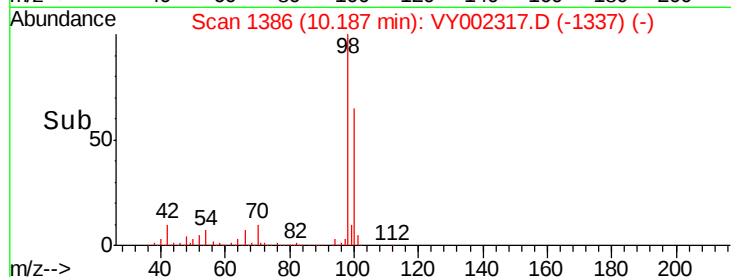
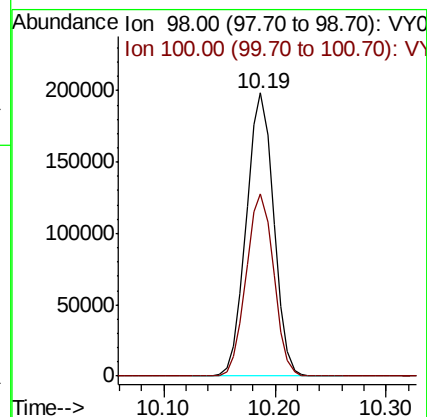
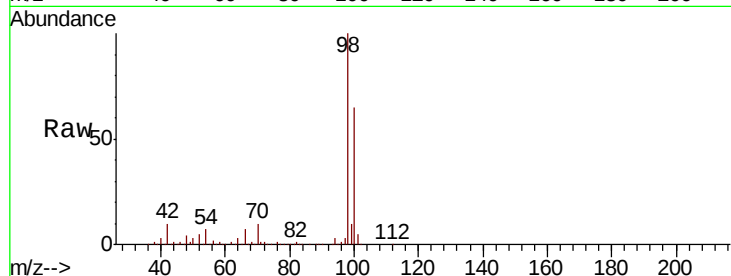
ClientSampleId :

Tot Ion: 98 Resp: 338634

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 43.502 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002317.D

Acq: 14 Apr 2020 18:25

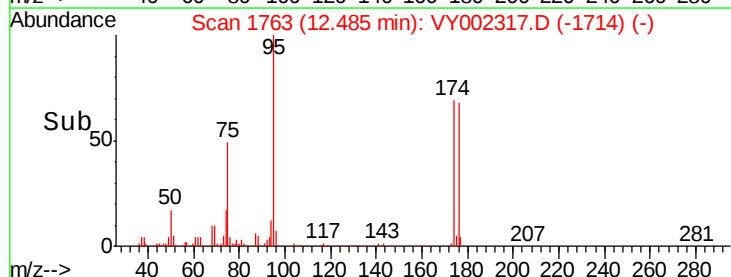
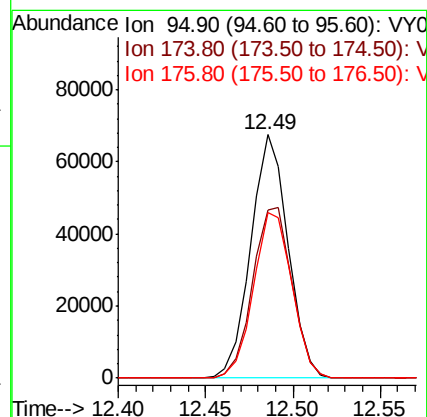
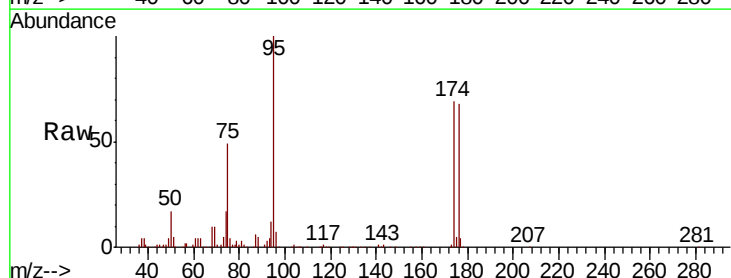
Tgt Ion: 95 Resp: 99937

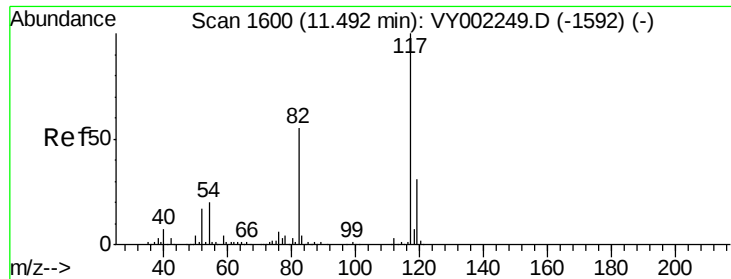
Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.6

176 70.2 0.0 141.4

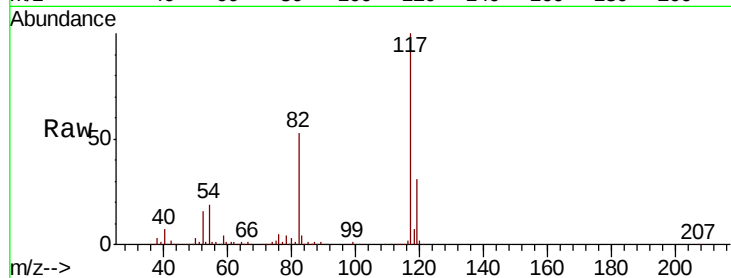




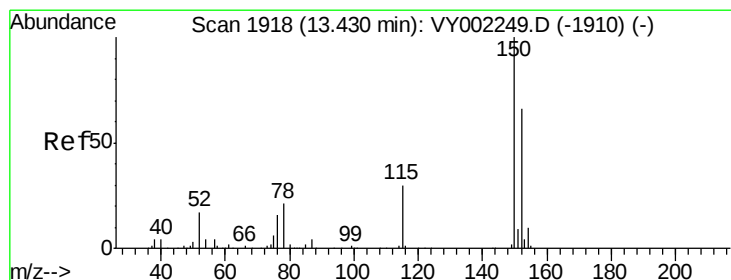
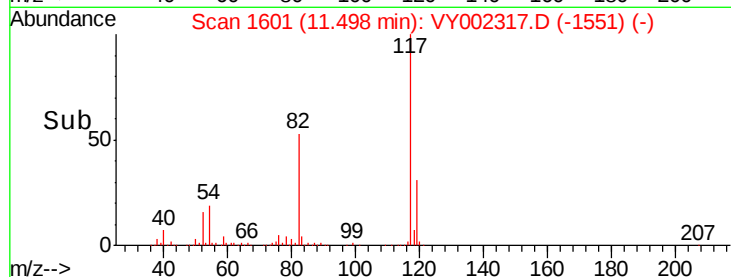
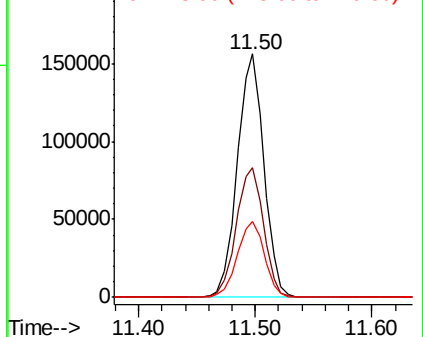
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002317.D
Acq: 14 Apr 2020 18:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 247310
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.4
119 30.9 25.1 37.7

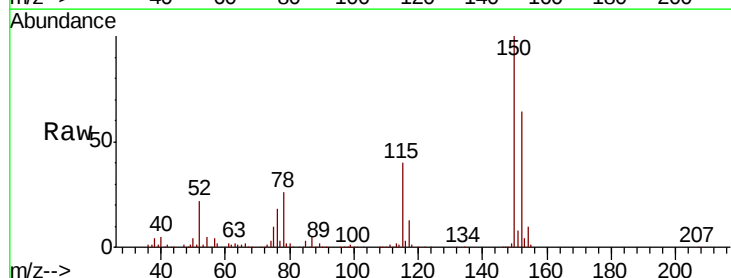


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

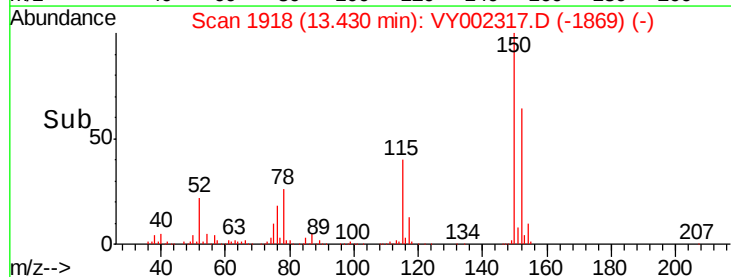
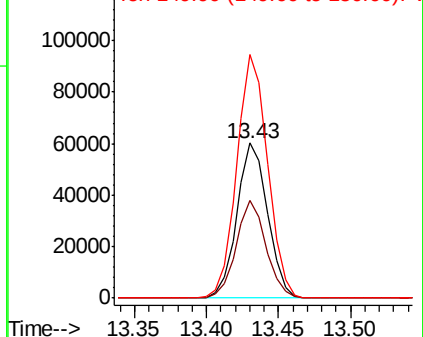


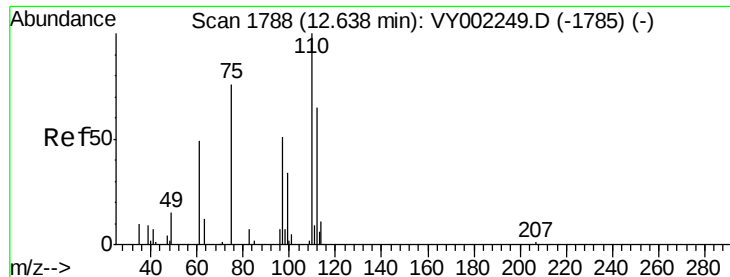
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002317.D
Acq: 14 Apr 2020 18:25

Tgt Ion:152 Resp: 89052
Ion Ratio Lower Upper
152 100
115 61.4 30.7 92.1
150 157.8 0.0 350.6



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

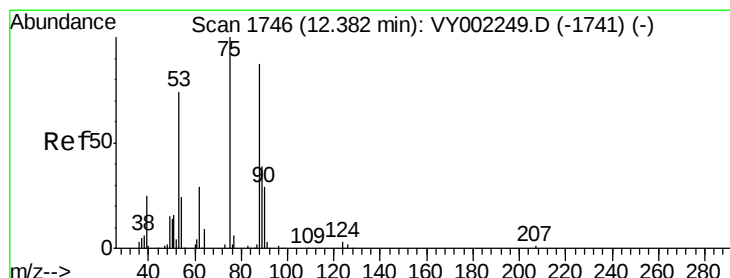
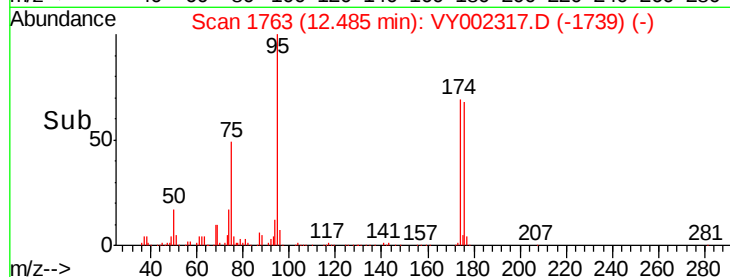
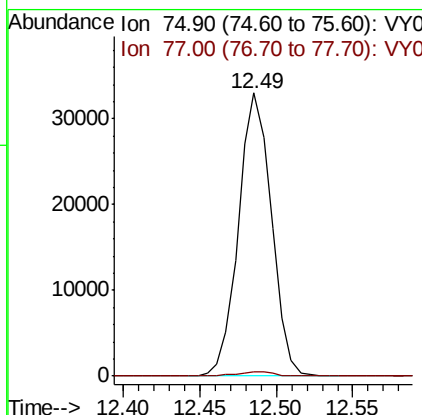
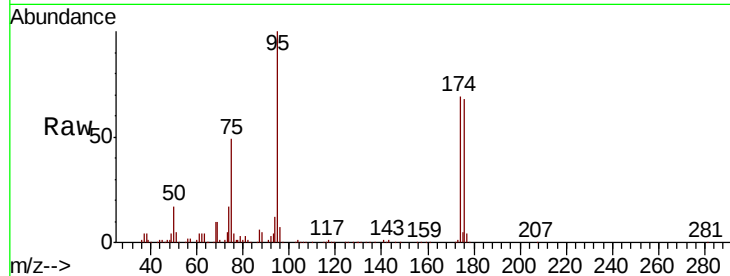




#76
 1,2,3-Trichloropropane
 Concen: 47.547 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002317.D
 Acq: 14 Apr 2020 18:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 49168
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.479 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002317.D
 Acq: 14 Apr 2020 18:25

Tgt Ion: 75 Resp: 49168
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.8#
 89 0.0 37.0 55.6#

