

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000702.D
 Acq On : 15 Nov 2019 15:36
 Operator : SY/MD
 Sample : K5861-10
 Misc : 5.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

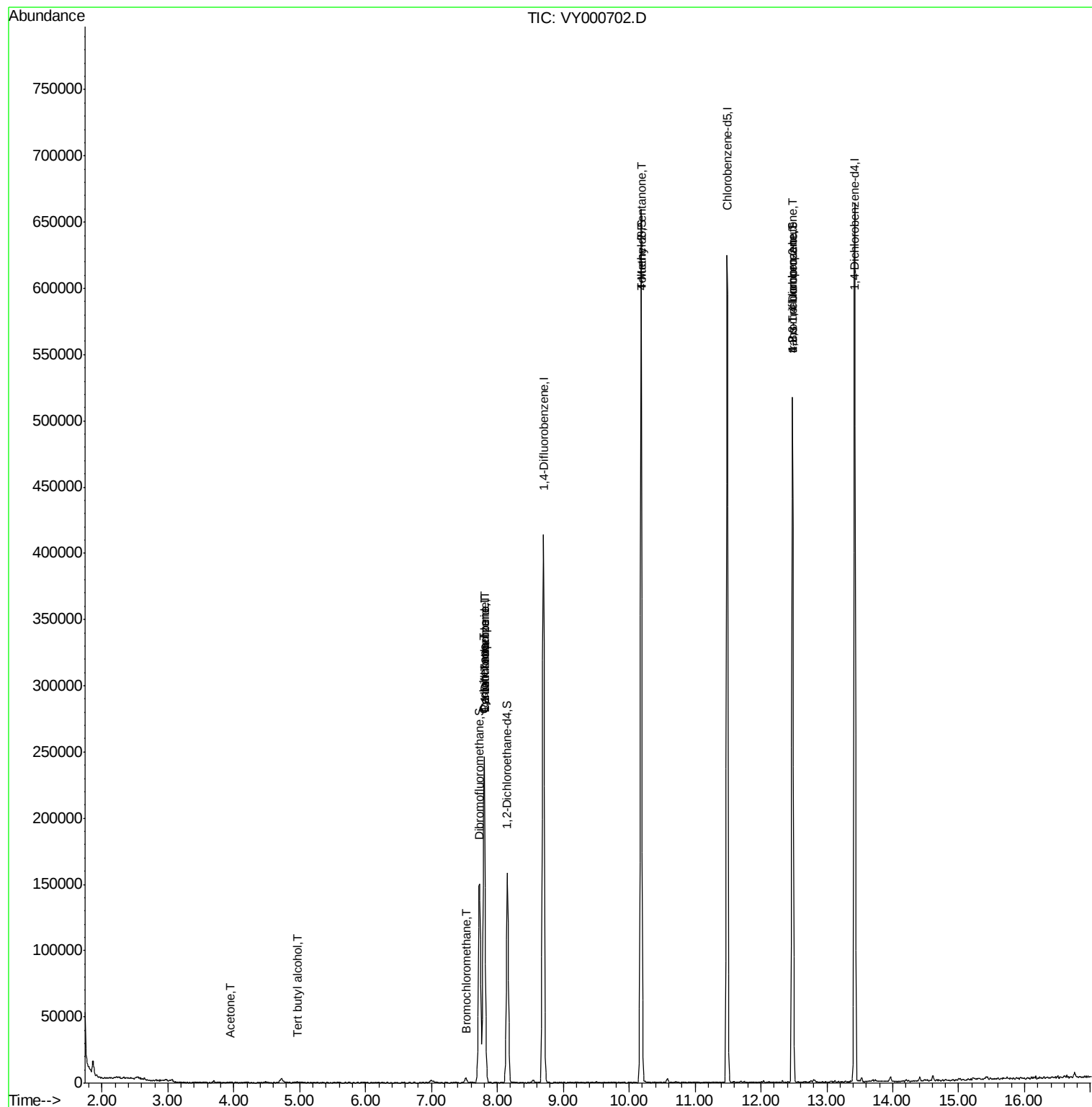
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	187366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	352128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	329950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123860	63.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.76%	
35) Dibromofluoromethane	7.73	113	106173	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	10.18	98	409696	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.48	95	150143	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	1128	5.976	ug/l #	72
16) Acetone	3.94	43	737	1.379	ug/l #	42
28) Bromochloromethane	7.52	49	150	4.177	ug/l #	14
31) Cyclohexane	7.79	56	4912	1.309	ug/l #	39
36) 1,1-Dichloropropene	7.80	75	16139	4.848	ug/l #	48
38) Carbon Tetrachloride	7.80	117	19171	5.985	ug/l #	13
51) 4-Methyl-2-Pentanone	10.18	43	2133	1.081	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	82720	45.688	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	82720	102.438	ug/l #	13

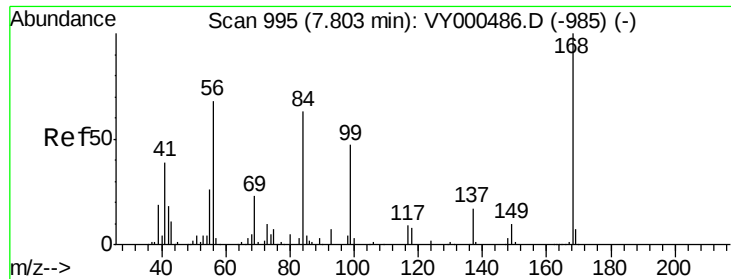
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
Data File : VY000702.D
Acq On : 15 Nov 2019 15:36
Operator : SY/MD
Sample : K5861-10
Misc : 5.36G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 16 02:32:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration



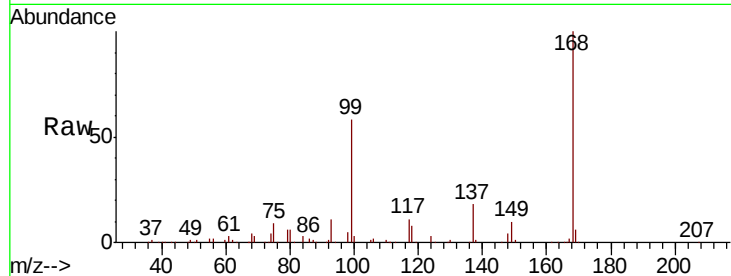


#1

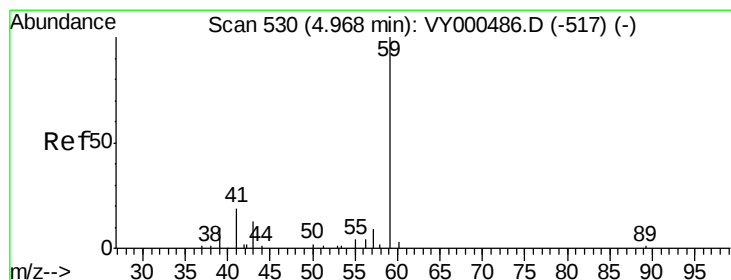
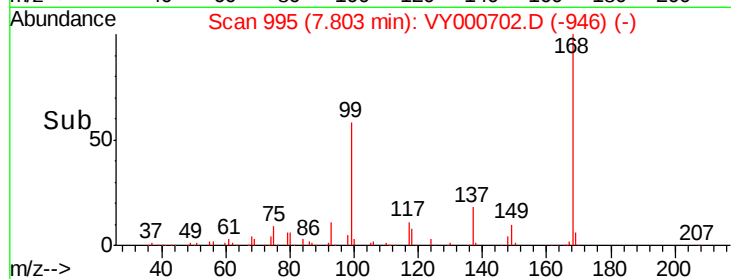
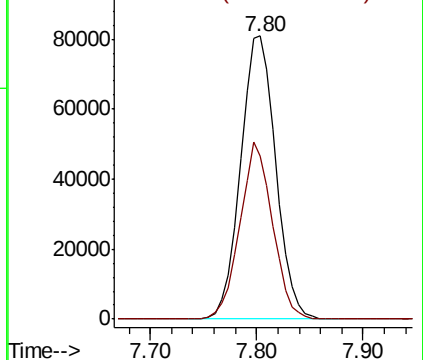
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: VY000702.D
 Acq: 15 Nov 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 187366
 Ion Ratio Lower Upper
 168 100
 99 57.7 45.7 68.5



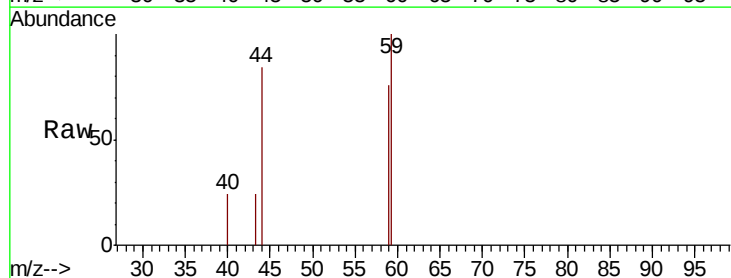
Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)
 Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



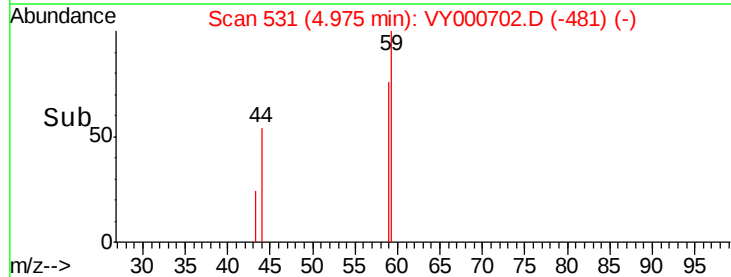
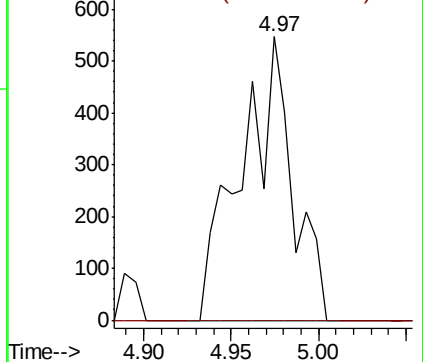
#11

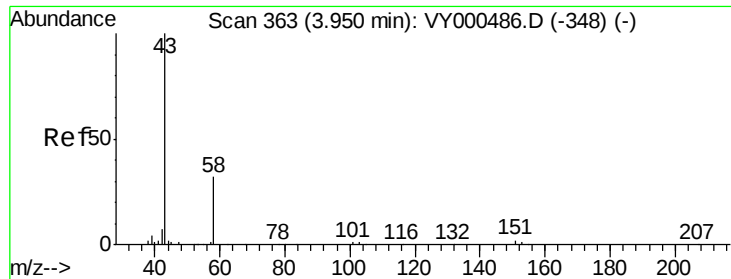
Tert butyl alcohol
 Concen: 5.976 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000702.D
 Acq: 15 Nov 2019 15:36

Tgt Ion: 59 Resp: 1128
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VY000486.D (-517) (-)
 Ion 57.00 (56.70 to 57.70): VY000486.D (-517) (-)





#16

Acetone

Concen: 1.379 ug/l

RT: 3.94 min Scan# 362

Delta R.T. -0.01 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

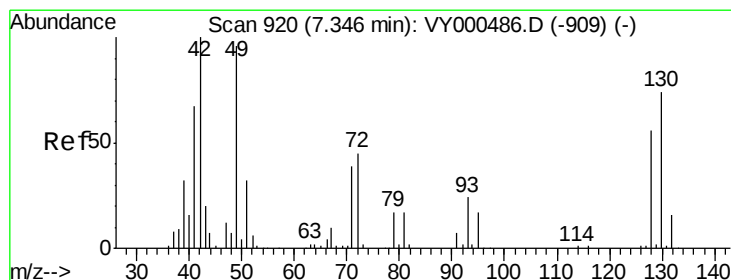
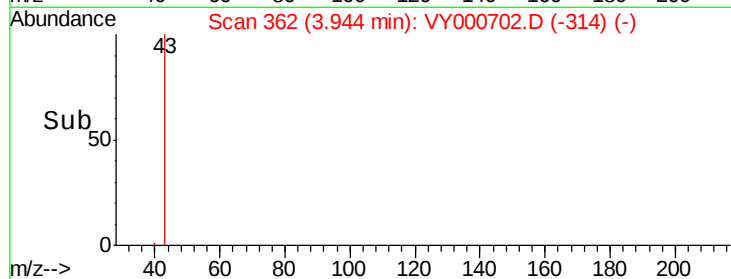
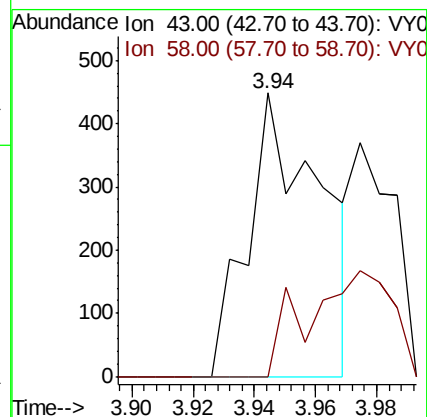
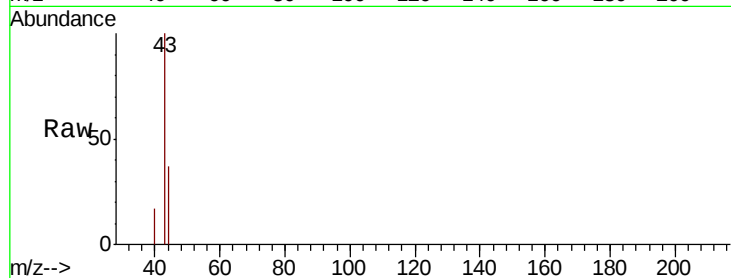
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 737

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



#28

Bromochloromethane

Concen: 4.177 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.17 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

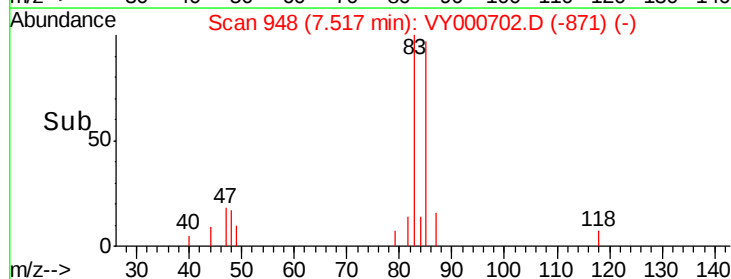
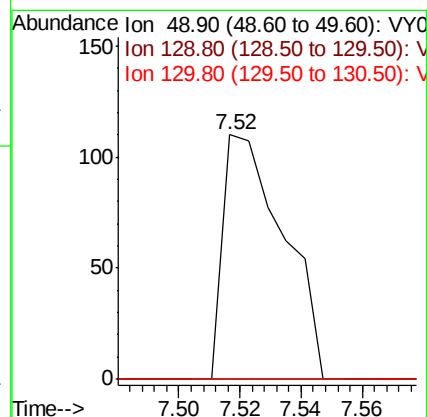
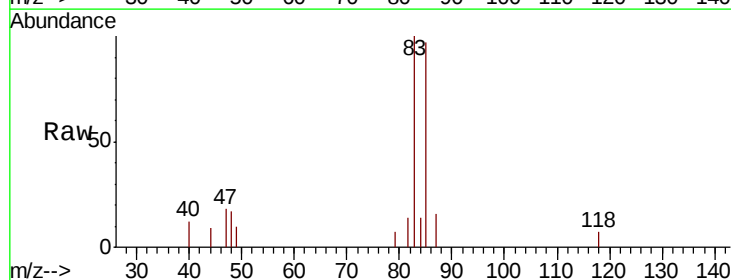
Tgt Ion: 49 Resp: 150

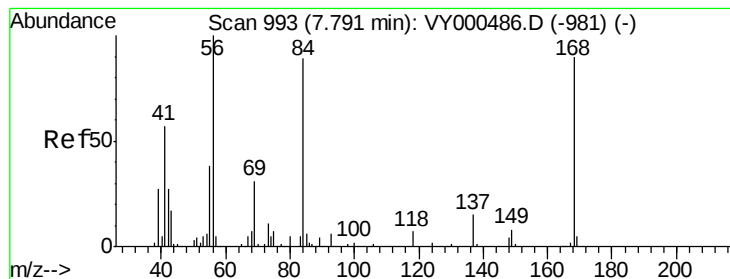
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 59.4 89.0#





#31

Cyclohexane

Concen: 1.309 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

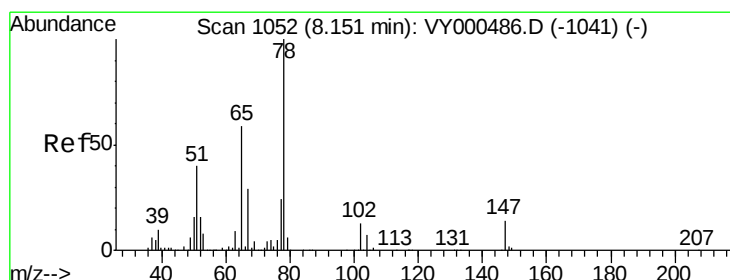
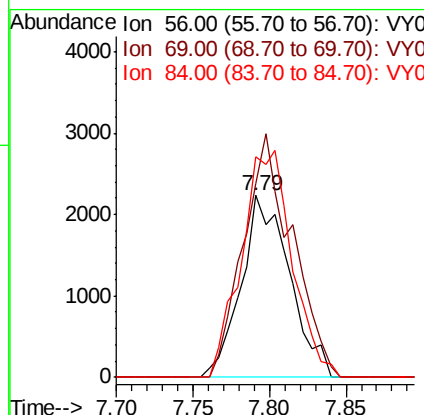
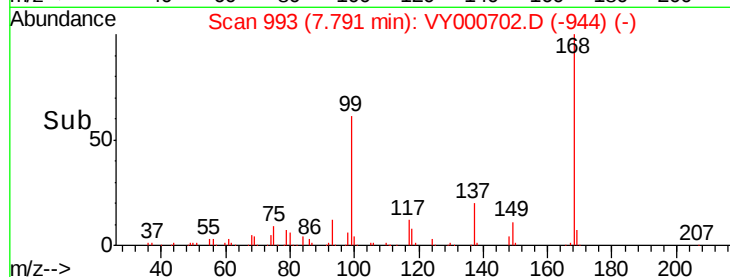
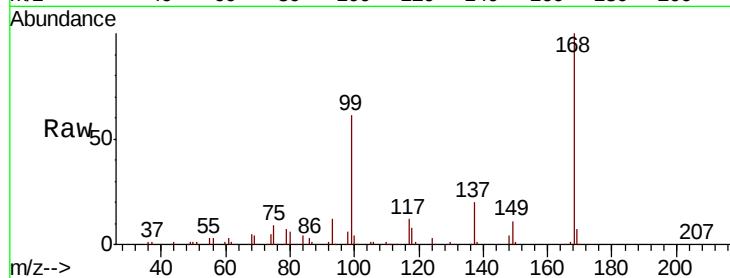
Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 4912

Ion	Ratio	Lower	Upper
56	100		
69	106.5	25.0	37.6#
84	121.5	71.4	107.2#



#33

1,2-Dichloroethane-d4

Concen: 63.879 ug/l

RT: 8.15 min Scan# 1052

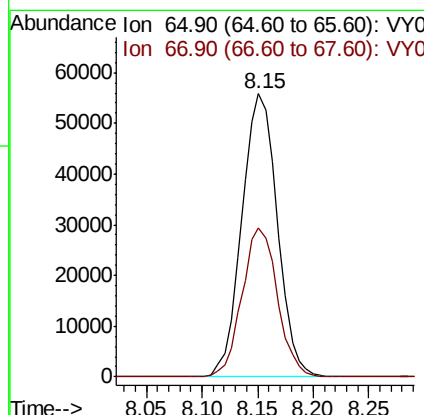
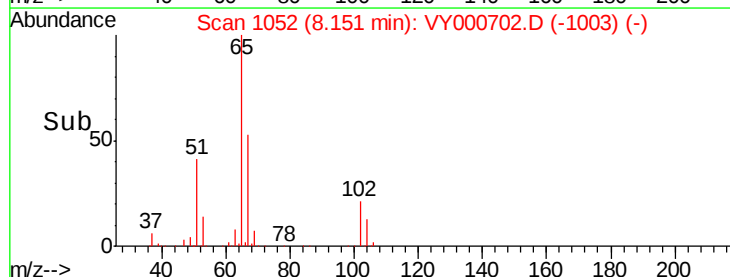
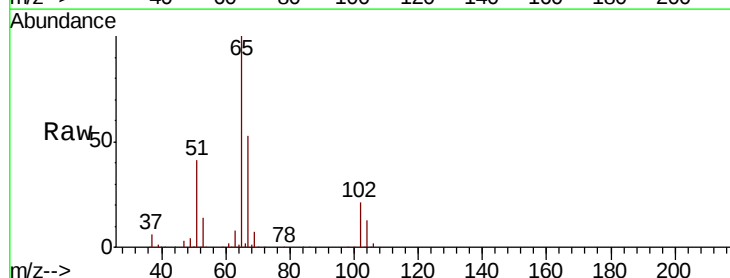
Delta R.T. 0.00 min

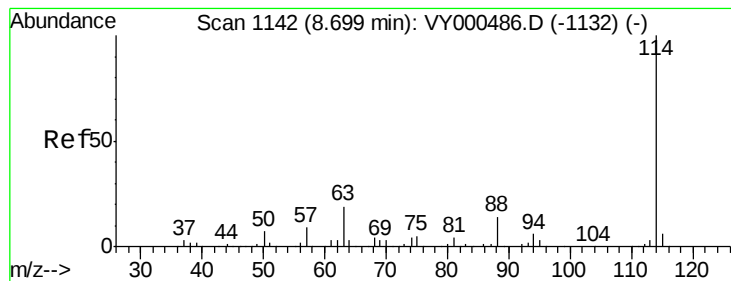
Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

Tgt Ion: 65 Resp: 123860

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

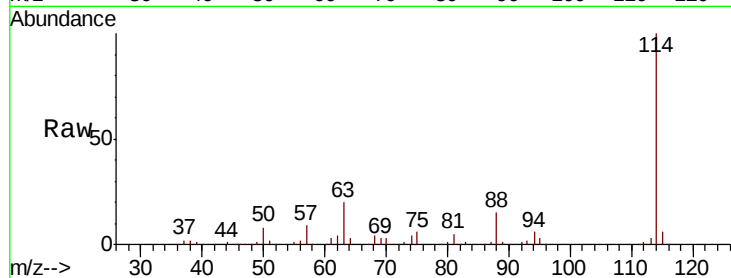
Tot Ion:114 Resp: 352128

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

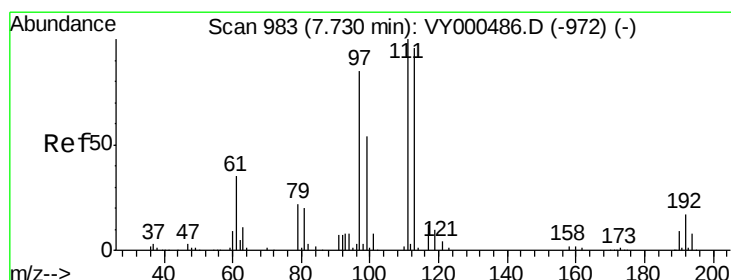
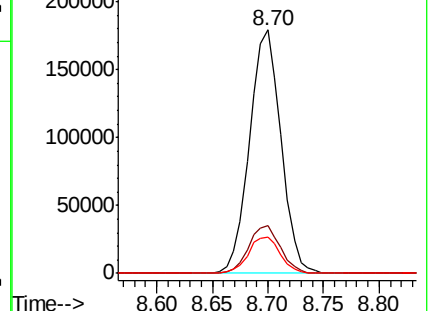
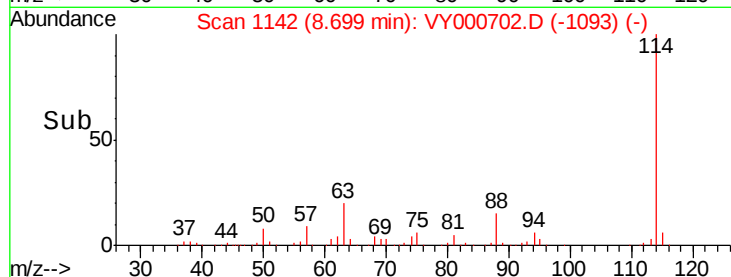
88 15.0 0.0 28.6



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: 51.360 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

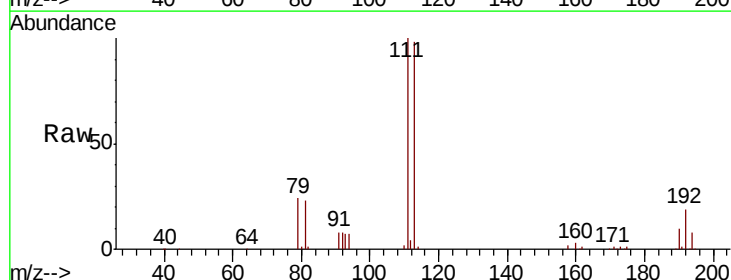
Tgt Ion:113 Resp: 106173

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

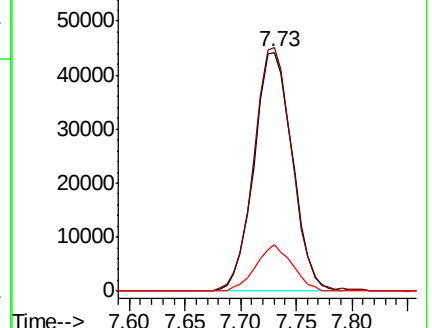
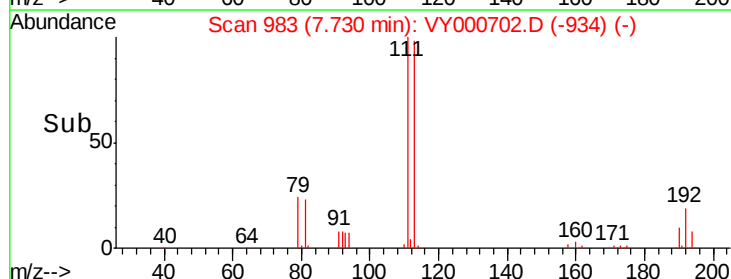
192 18.6 15.0 22.4

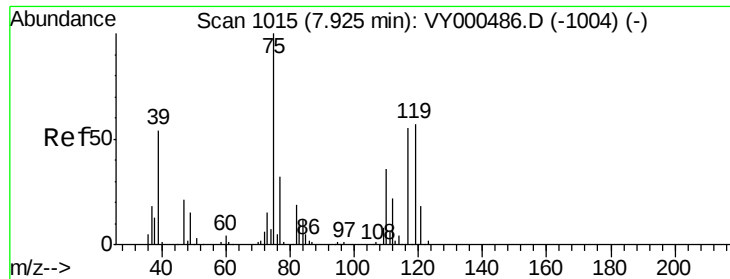


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

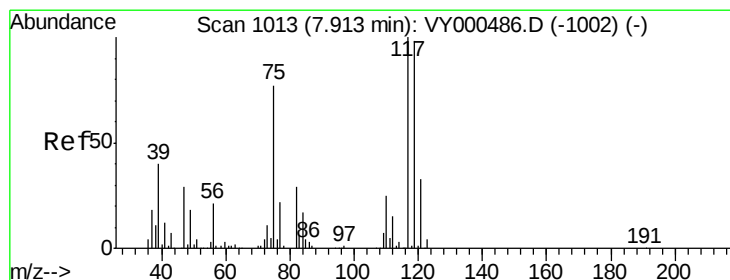
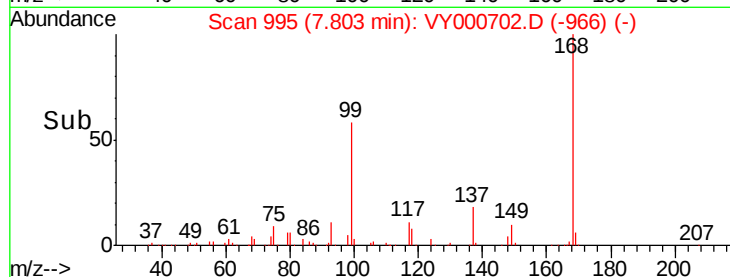
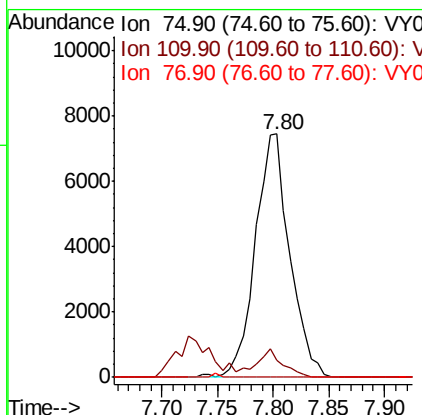
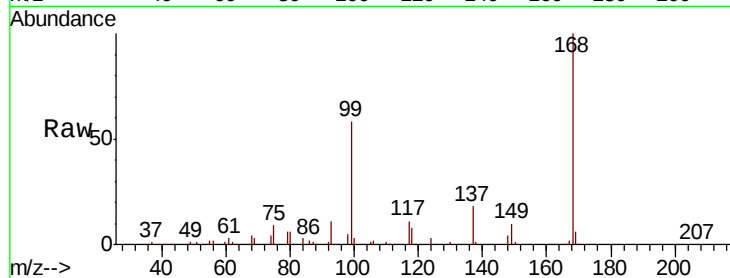




#36
 1,1-Dichloropropene
 Concen: 4.848 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000702.D
 Acq: 15 Nov 2019 15:36

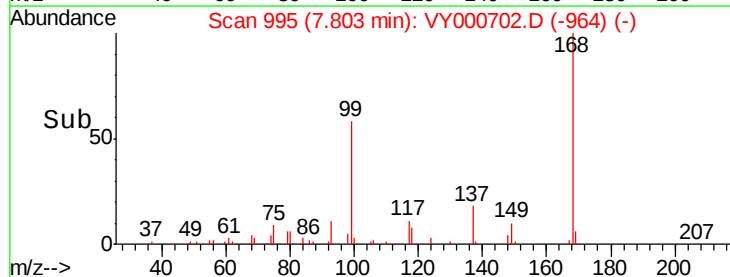
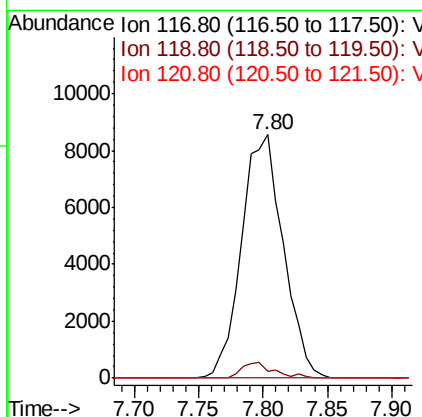
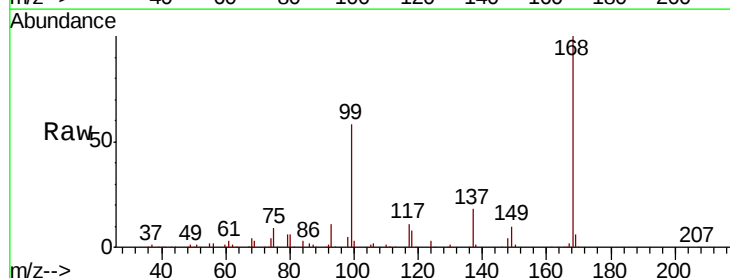
Instrument :
 MSVOA_Y
 ClientSampleId :

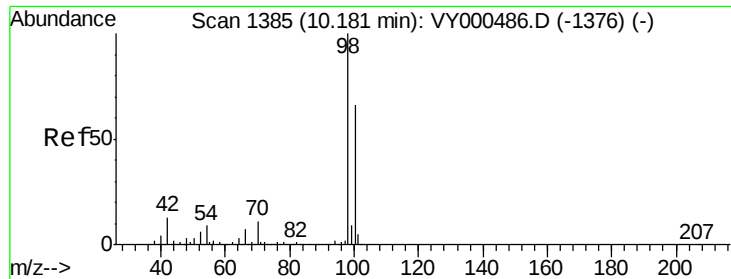
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.985 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000702.D
 Acq: 15 Nov 2019 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	2.7	78.0	117.0#
121	0.0	26.6	40.0#





#50

Toluene-d8

Concen: 52.231 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

Instrument :

MSVOA_Y

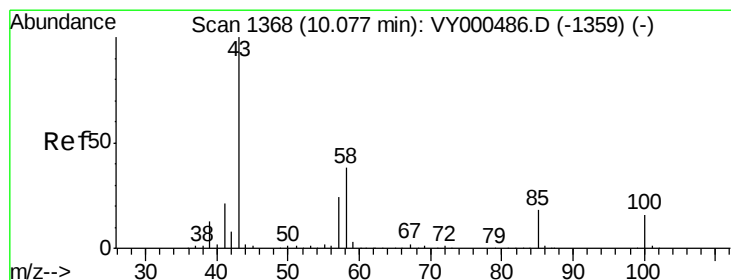
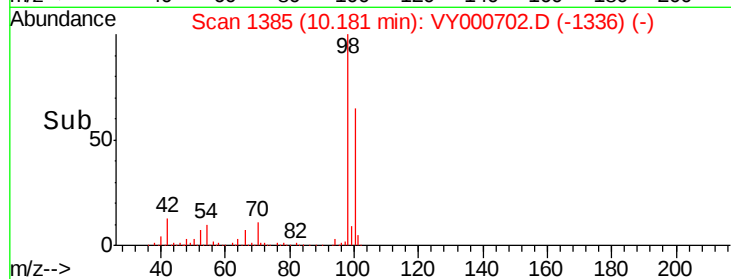
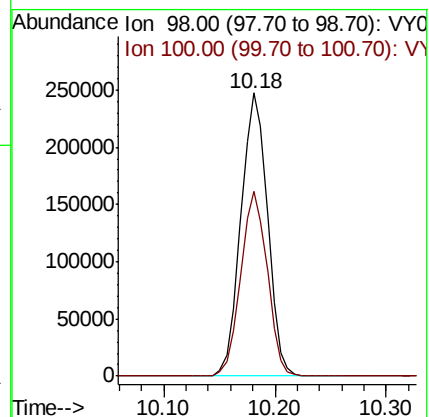
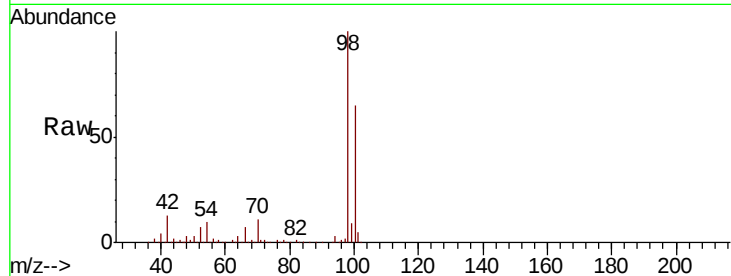
ClientSampled :

Tot Ion: 98 Resp: 409696

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 1.081 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY000702.D

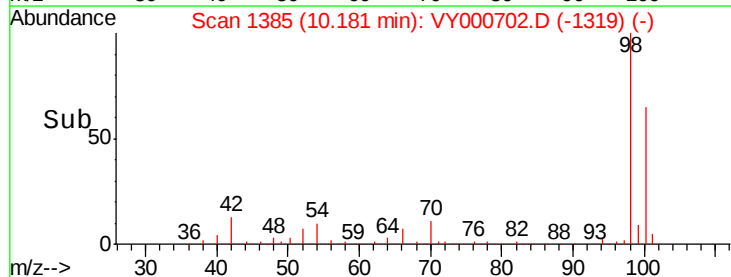
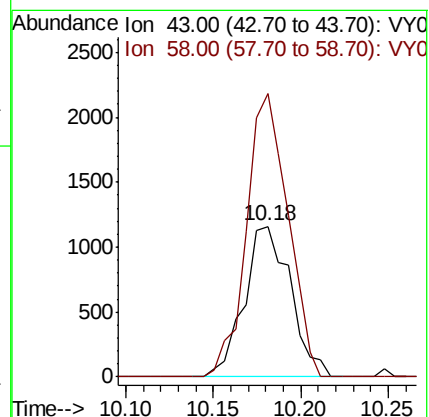
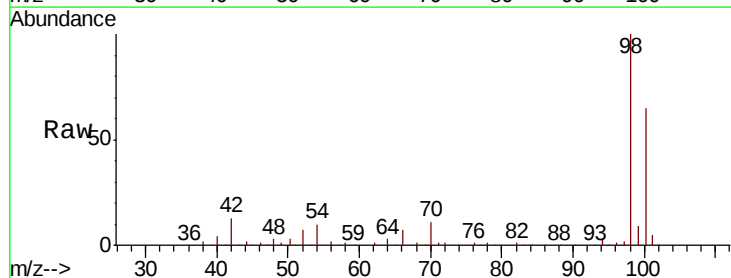
Acq: 15 Nov 2019 15:36

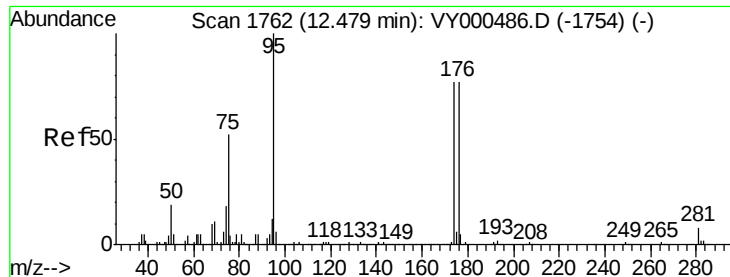
Tgt Ion: 43 Resp: 2133

Ion Ratio Lower Upper

43 100

58 168.8 30.2 45.4#





#62

4-Bromofluorobenzene

Concen: 50.280 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

Instrument :

MSVOA_Y

ClientSampleId :

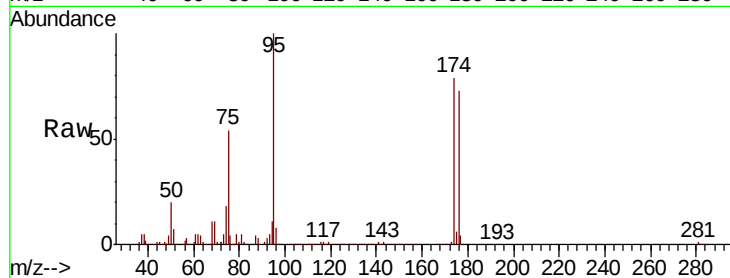
Tot Ion: 95 Resp: 150143

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

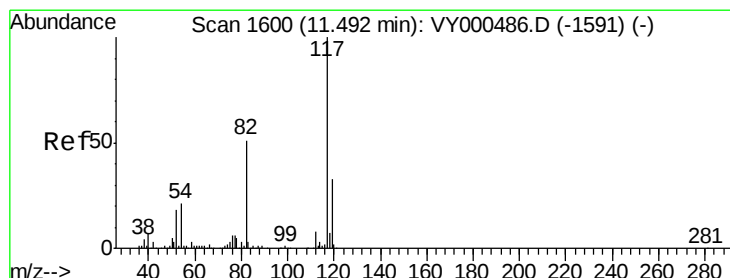
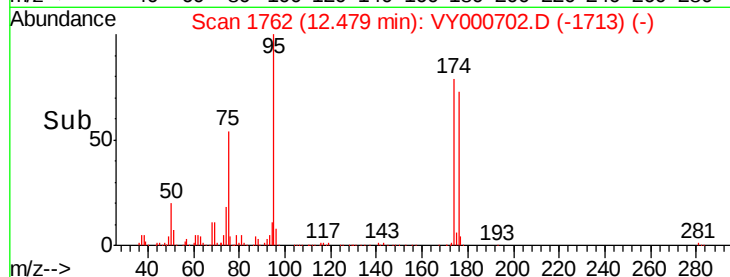
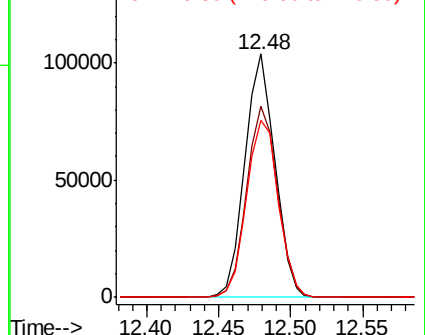
176 76.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000702.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY000702.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000702.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

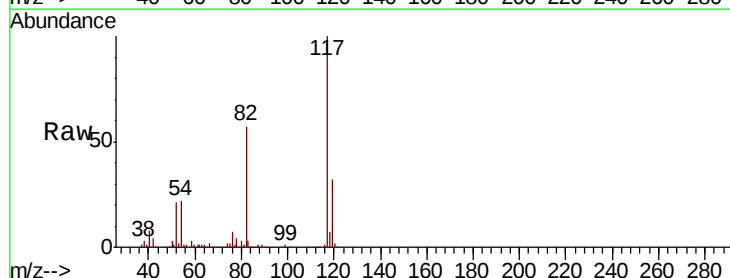
Tgt Ion: 117 Resp: 329950

Ion Ratio Lower Upper

117 100

82 57.2 40.8 61.2

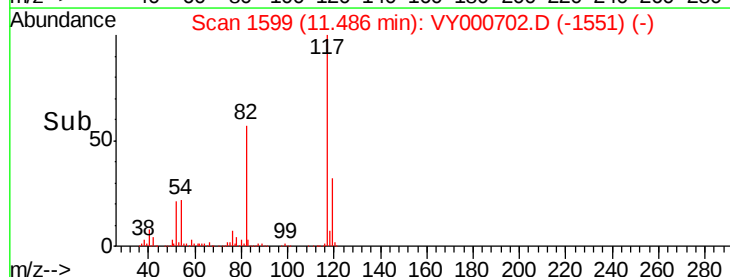
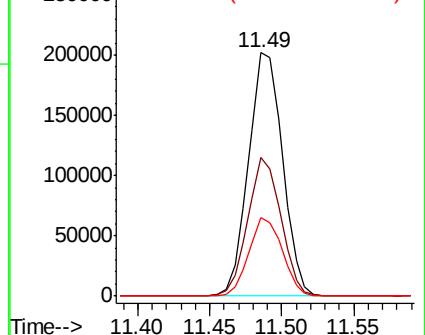
119 32.0 26.2 39.2

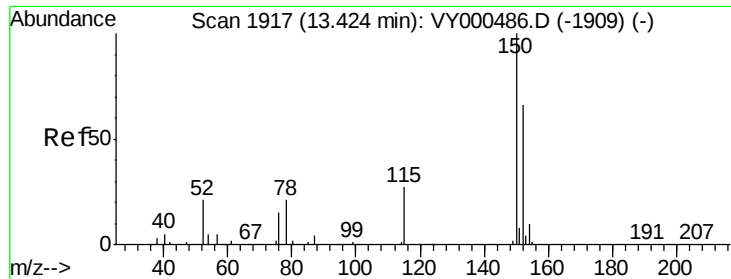


Abundance Ion 116.90 (116.60 to 117.60): VY000702.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000702.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000702.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

Instrument :

MSVOA_Y

ClientSampled :

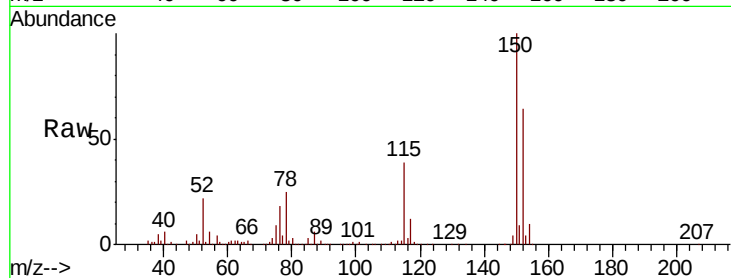
Tot Ion:152 Resp: 159011

Ion Ratio Lower Upper

152 100

115 60.3 29.1 87.4

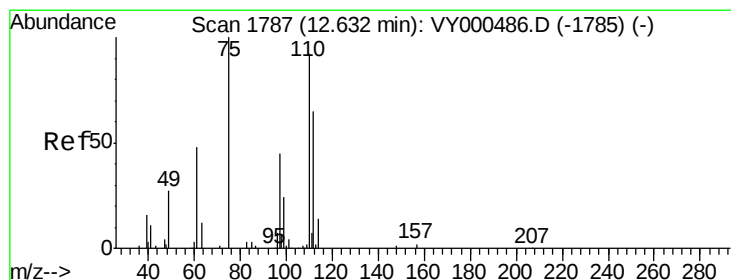
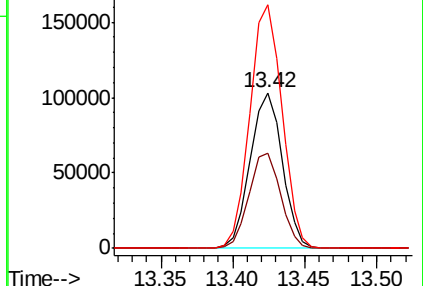
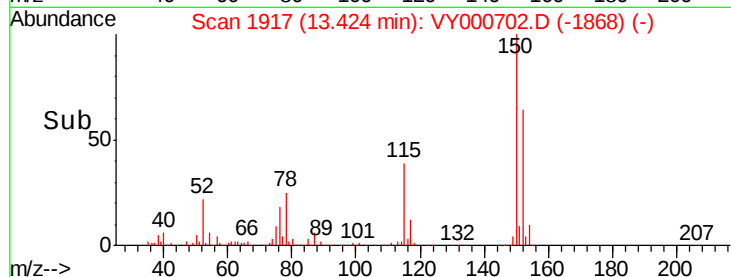
150 156.4 0.0 348.8



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: 45.688 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000702.D

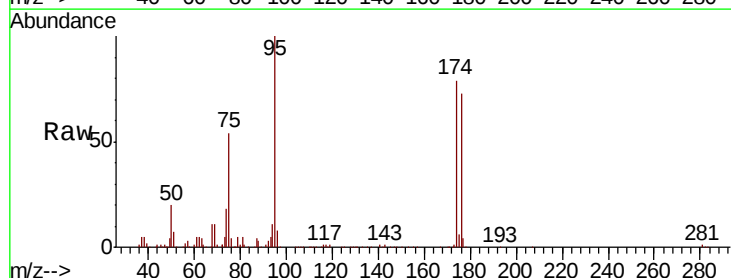
Acq: 15 Nov 2019 15:36

Tgt Ion: 75 Resp: 82720

Ion Ratio Lower Upper

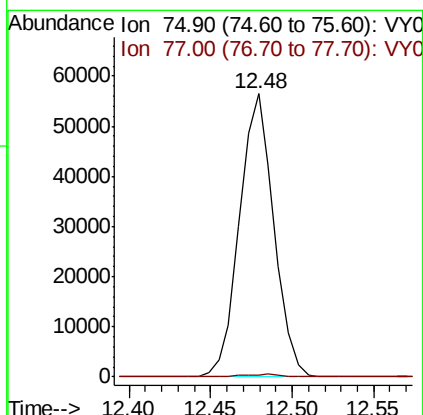
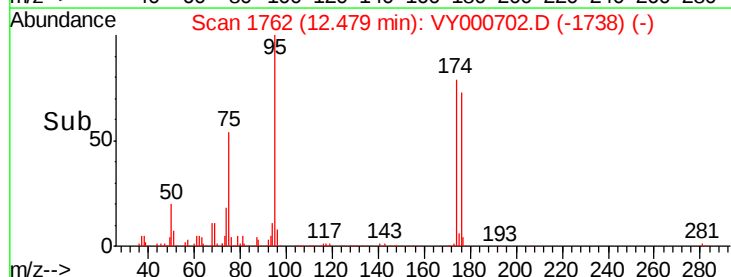
75 100

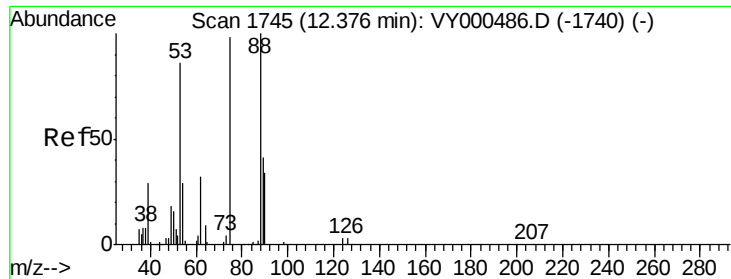
77 1.0 0.0 0.0#



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: 102.438 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000702.D
 Acq: 15 Nov 2019 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 82720
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.0 35.9 53.9#

