

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000713.D
 Acq On : 15 Nov 2019 19:40
 Operator : SY/MD
 Sample : K5861-05RE
 Misc : 6.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:33:56 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	63708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	100546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	83904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	37489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	32986	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.73	113	29113	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.18	98	116933	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.48	95	35825	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	

Target Compounds

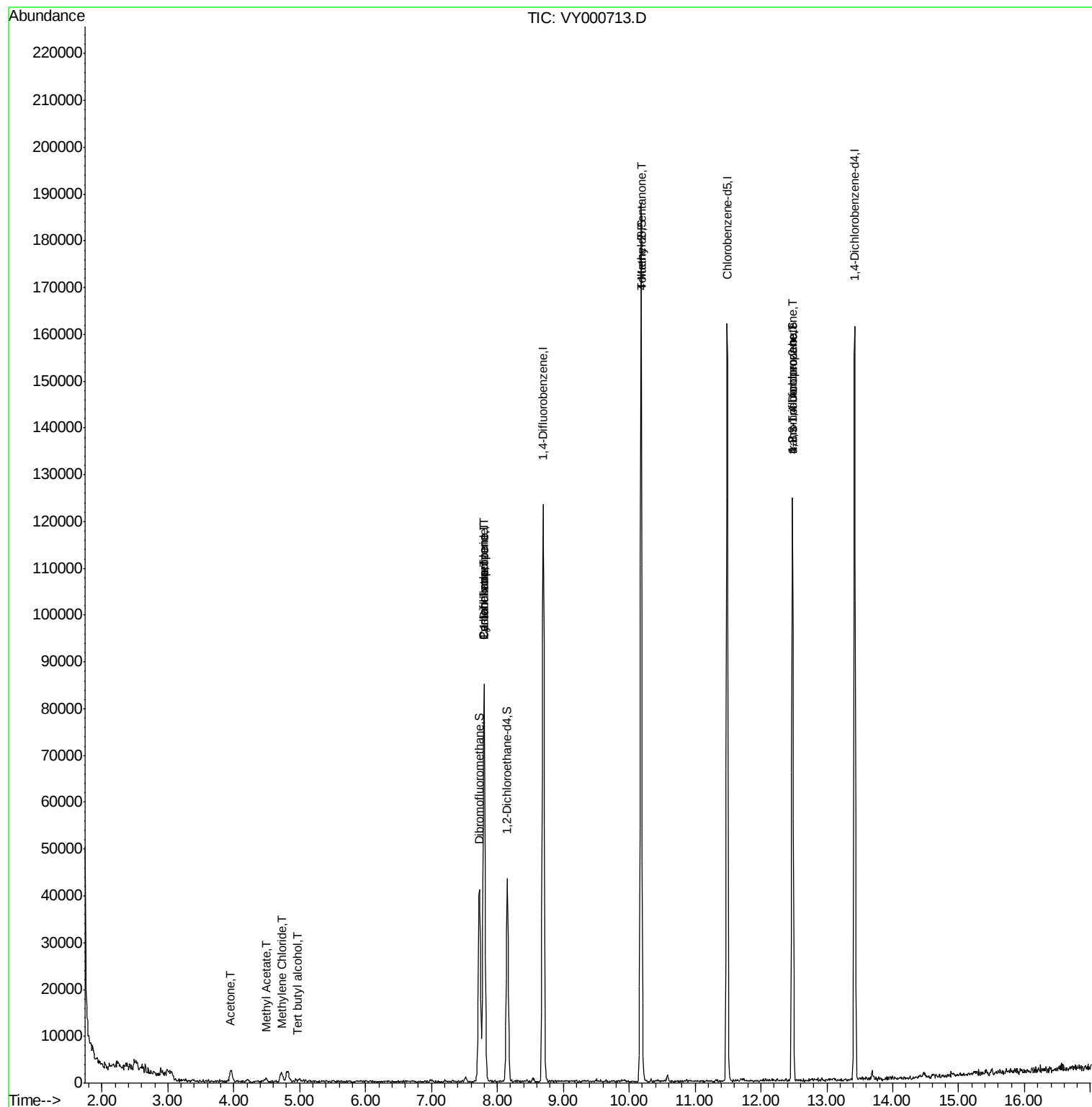
						Qvalue
11) Tert butyl alcohol	4.97	59	245	3.817	ug/l #	72
16) Acetone	3.95	43	4164	22.916	ug/l #	77
18) Methyl Acetate	4.49	43	1238	2.191	ug/l #	51
20) Methylene Chloride	4.74	84	1585	2.036	ug/l #	66
31) Cyclohexane	7.80	56	1744	1.367	ug/l #	20
36) 1,1-Dichloropropene	7.80	75	5722	6.020	ug/l #	46
38) Carbon Tetrachloride	7.80	117	6163	6.738	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	683	1.212	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	20262	47.467	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	20262	106.428	ug/l #	13

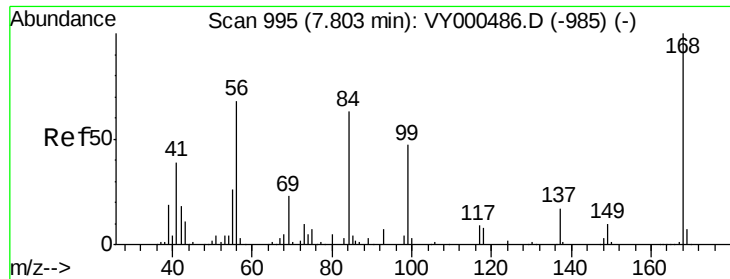
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 16 02:33:56 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# 994

Delta R.T. -0.01 min

Lab File: VY000713.D

Acq: 15 Nov 2019 19:40

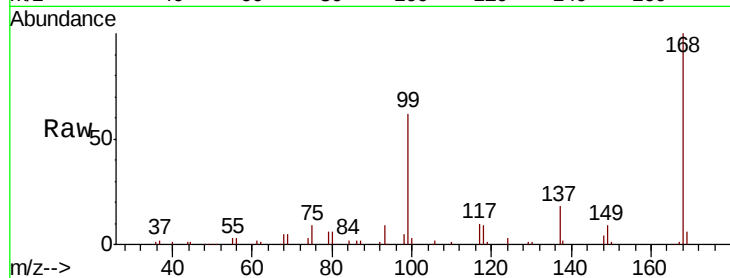
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 63708

Ion Ratio Lower Upper

168 100

99 62.1 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) (-)

7.80

30000

25000

20000

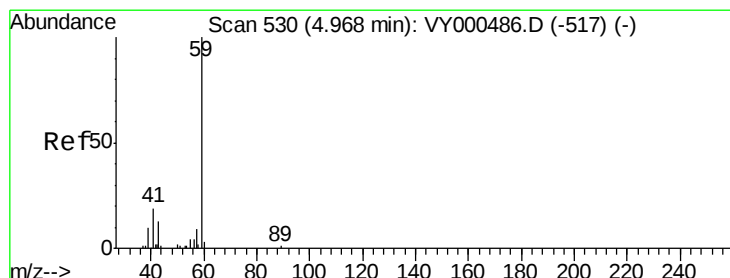
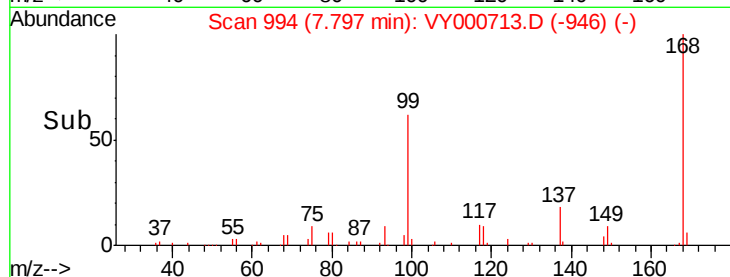
15000

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.817 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY000713.D

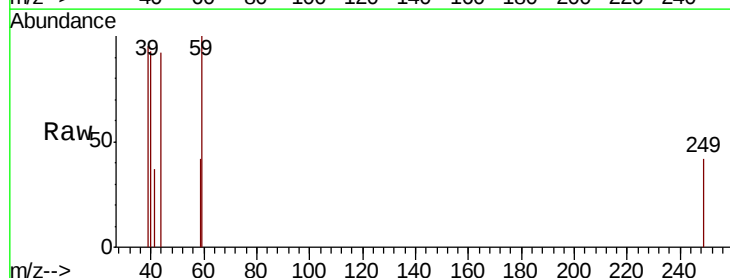
Acq: 15 Nov 2019 19:40

Tgt Ion: 59 Resp: 245

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) (-)

4.97

200

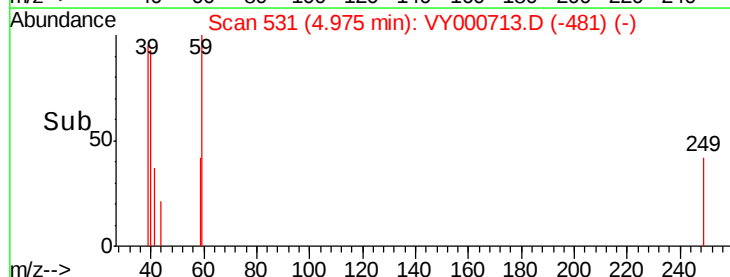
150

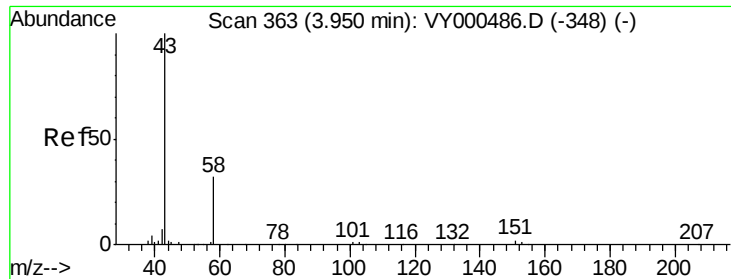
100

50

0

Time-->

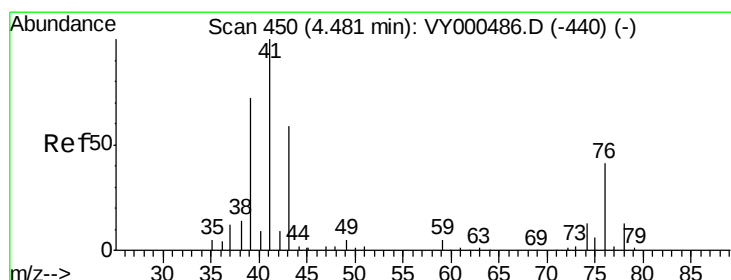
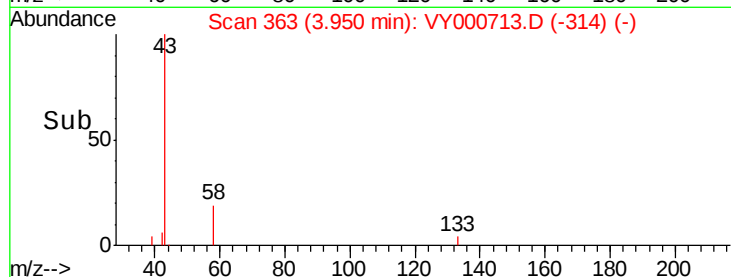
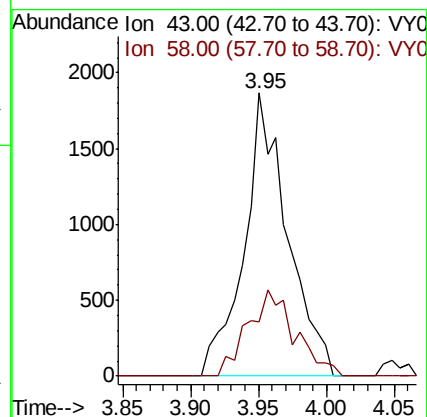
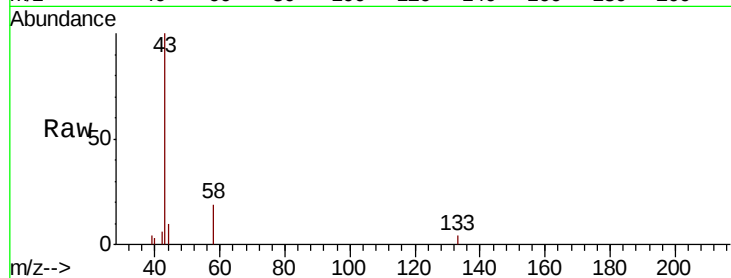




#16
Acetone
Concen: 22.916 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY000713.D
Acq: 15 Nov 2019 19:40

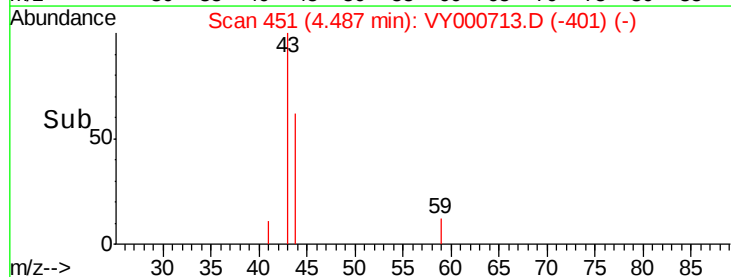
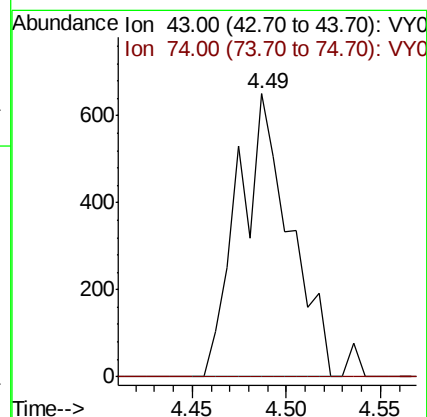
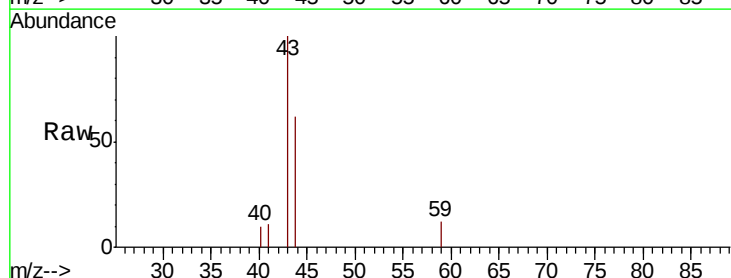
Instrument :
MSVOA_Y
ClientSampleId :

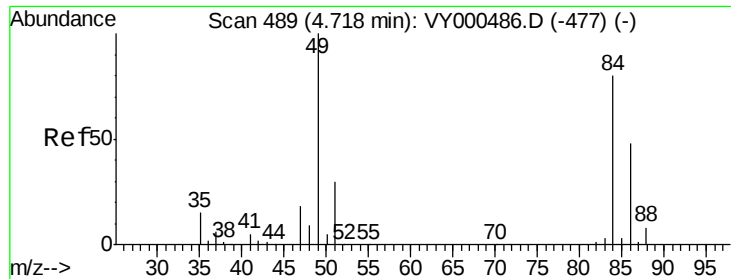
Tot Ion: 43 Resp: 4164
Ion Ratio Lower Upper
43 100
58 19.1 25.8 38.6#



#18
Methyl Acetate
Concen: 2.191 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000713.D
Acq: 15 Nov 2019 19:40

Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

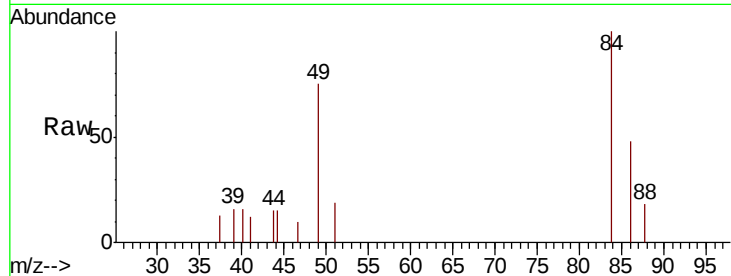




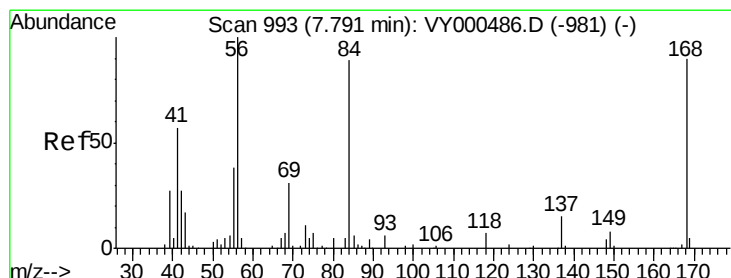
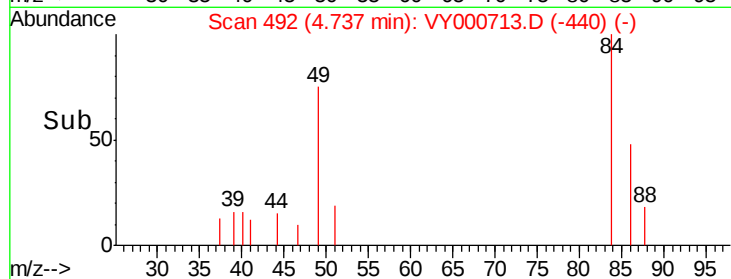
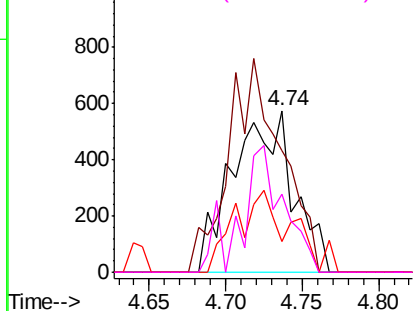
#20
Methvlene Chloride
Concen: 2.036 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.02 min
Lab File: VY000713.D
Acq: 15 Nov 2019 19:40

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 1585
Ion Ratio Lower Upper
84 100
49 74.8 100.2 150.4#
51 18.8 29.6 44.4#
86 48.4 48.3 72.5

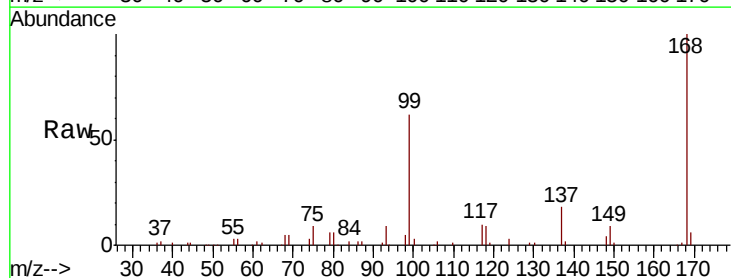


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

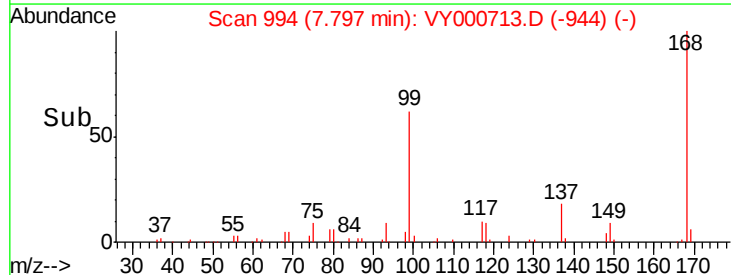
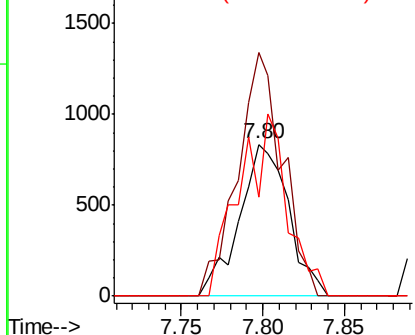


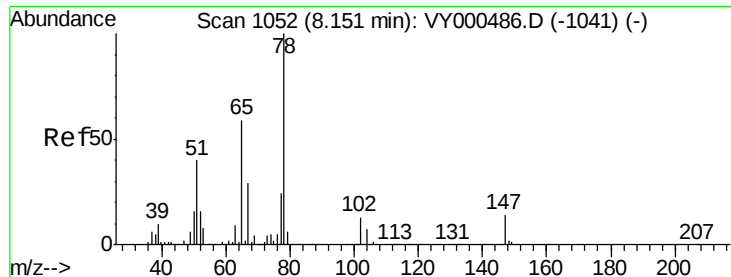
#31
Cyclohexane
Concen: 1.367 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000713.D
Acq: 15 Nov 2019 19:40

Tgt Ion: 56 Resp: 1744
Ion Ratio Lower Upper
56 100
69 160.1 25.0 37.6#
84 64.8 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

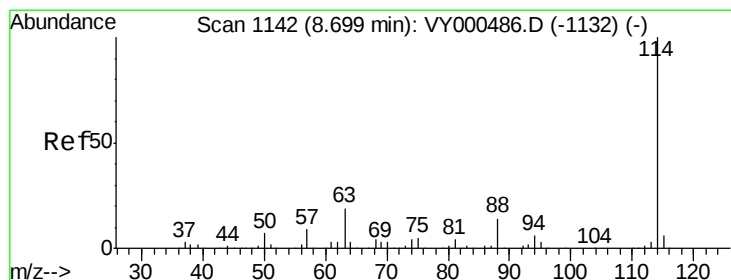
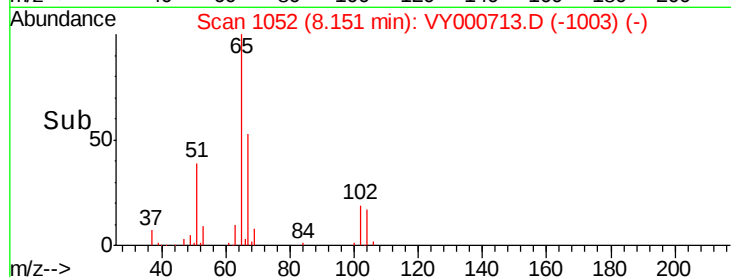
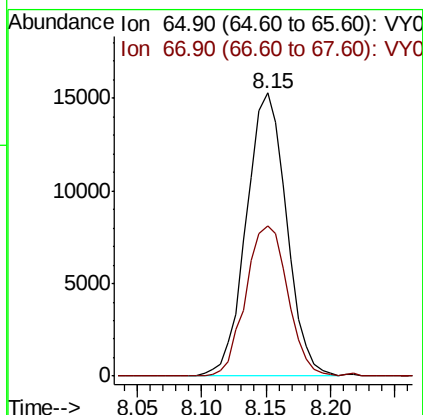
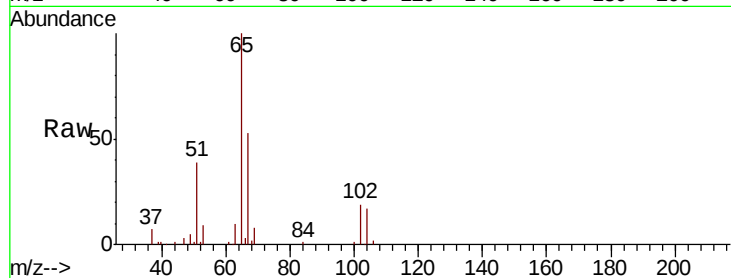




#33
 1,2-Dichloroethane-d4
 Concen: 50.032 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000713.D
 Acq: 15 Nov 2019 19:40

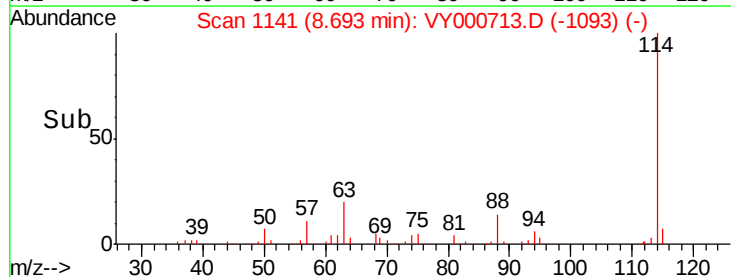
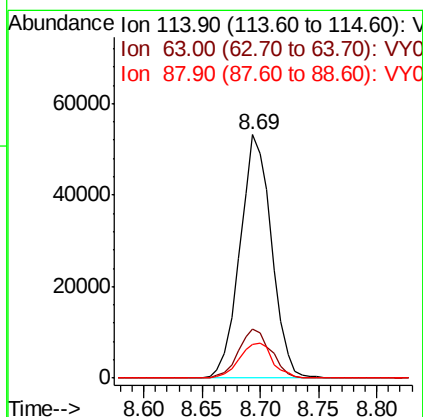
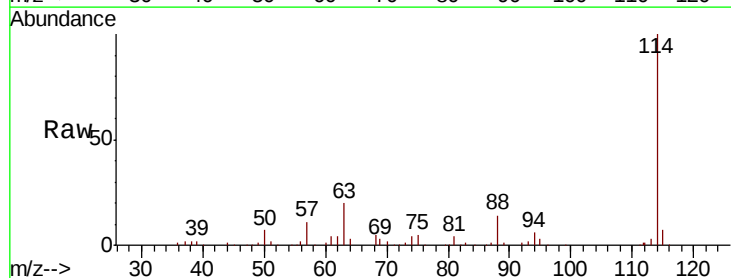
Instrument :
 MSVOA_Y
 ClientSampleId :

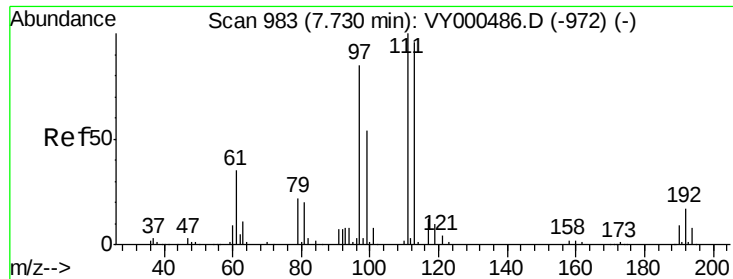
Tot Ion: 65 Resp: 32986
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000713.D
 Acq: 15 Nov 2019 19:40

Tgt Ion: 114 Resp: 100546
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 13.8 0.0 28.6

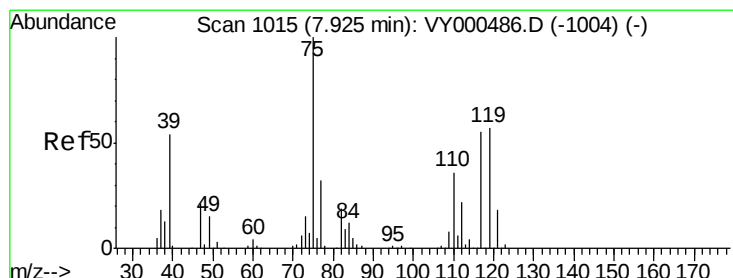
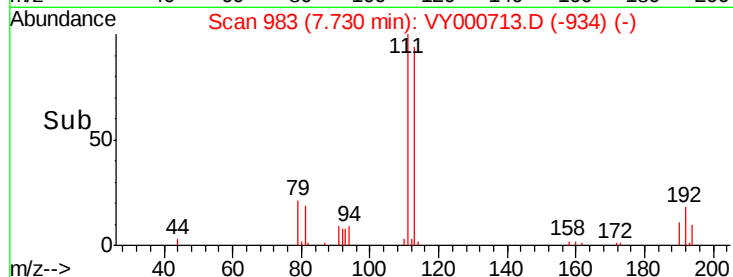
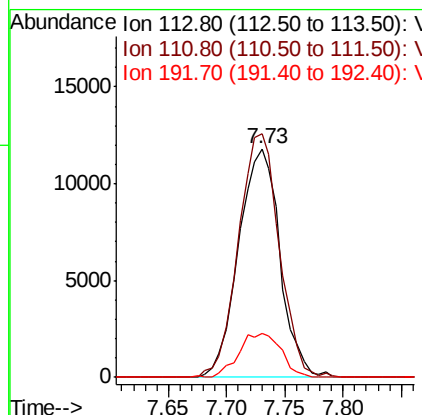
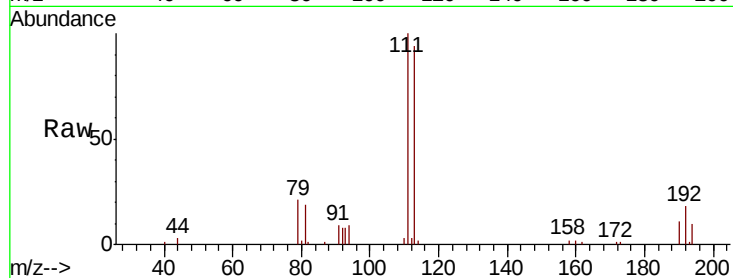




#35
 Dibromofluoromethane
 Concen: 49.321 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000713.D
 Acq: 15 Nov 2019 19:40

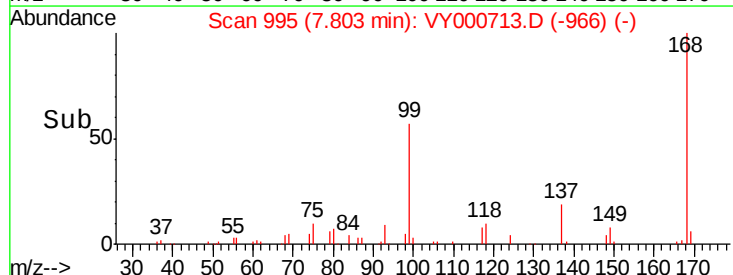
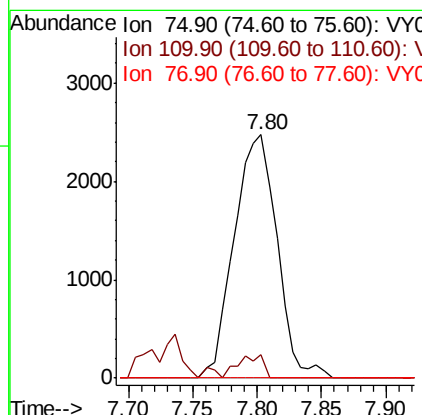
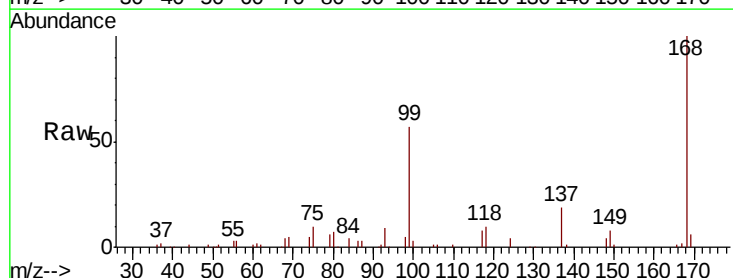
Instrument :
 MSVOA_Y
 ClientSampleId :

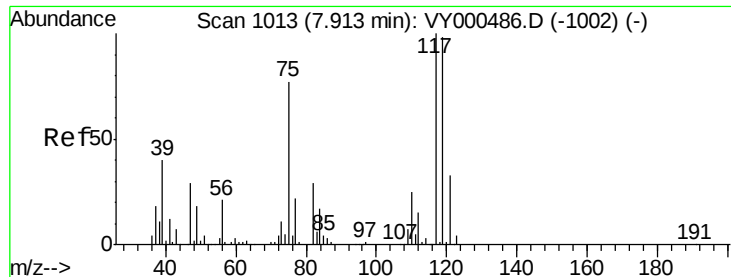
Tot Ion:113 Resp: 29113
 Ion Ratio Lower Upper
 113 100
 111 105.8 81.7 122.5
 192 19.8 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 6.020 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000713.D
 Acq: 15 Nov 2019 19:40

Tgt Ion: 75 Resp: 5722
 Ion Ratio Lower Upper
 75 100
 110 5.7 18.1 54.1#
 77 0.0 25.0 37.6#

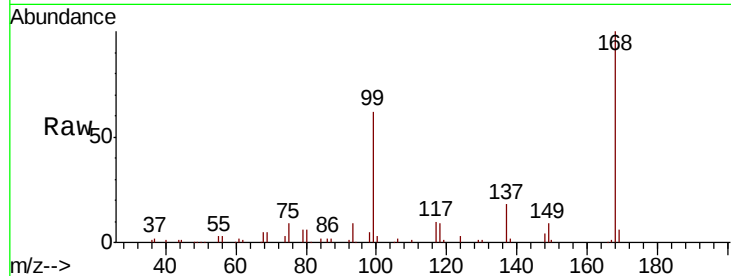




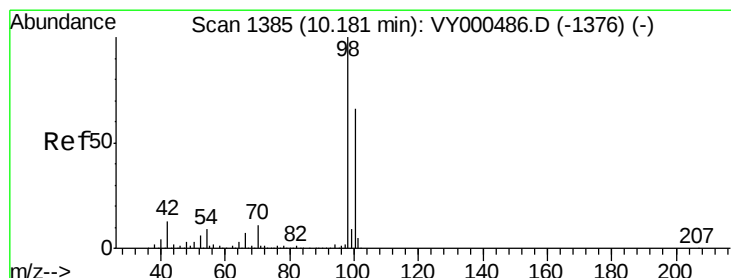
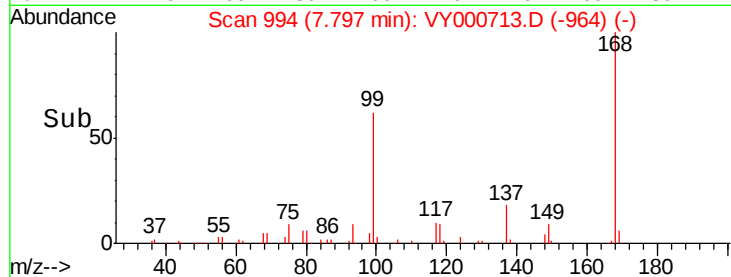
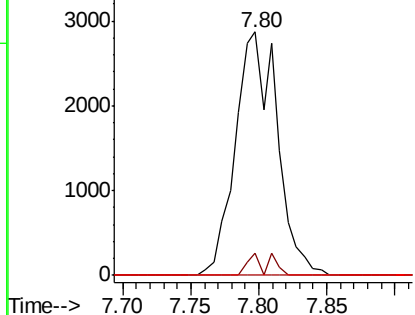
#38
Carbon Tetrachloride
Concen: 6.738 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000713.D
Acq: 15 Nov 2019 19:40

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 6163
Ion Ratio Lower Upper
117 100
119 9.0 78.0 117.0#
121 0.0 26.6 40.0#

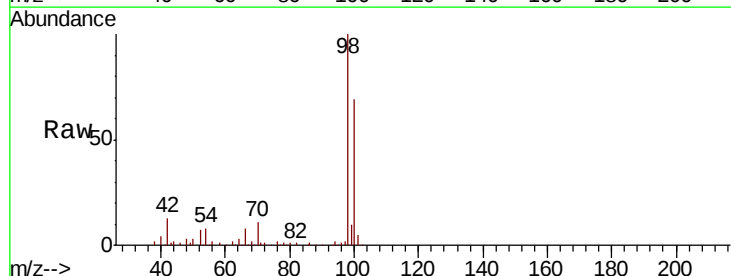


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

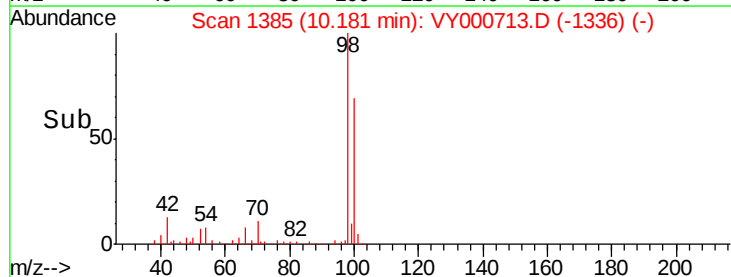
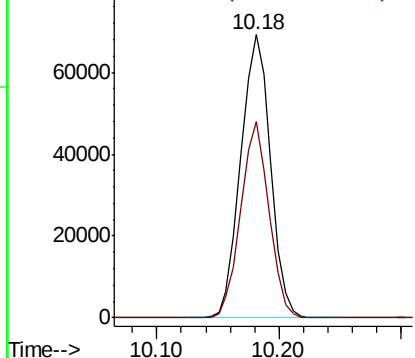


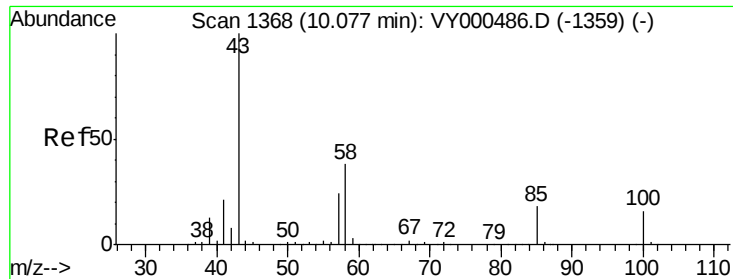
#50
Toluene-d8
Concen: 52.208 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000713.D
Acq: 15 Nov 2019 19:40

Tgt Ion: 98 Resp: 116933
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



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: 1.212 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY000713.D

Acq: 15 Nov 2019 19:40

Instrument :

MSVOA_Y

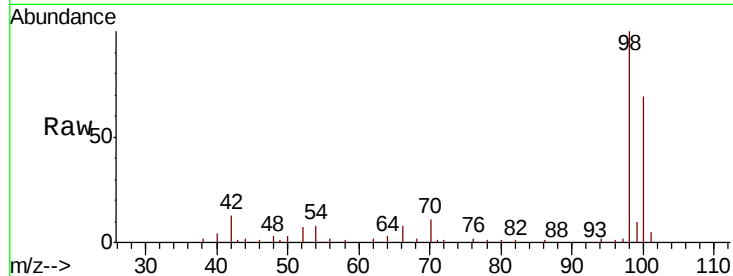
ClientSampleId :

Tot Ion: 43 Resp: 683

Ion Ratio Lower Upper

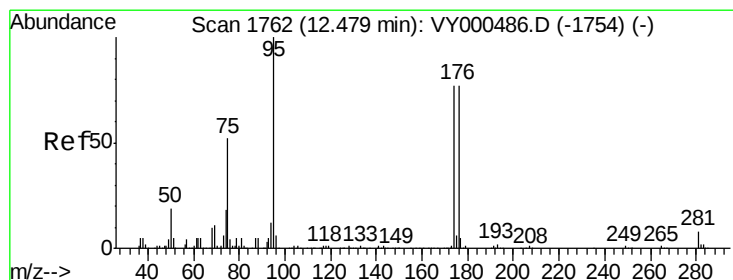
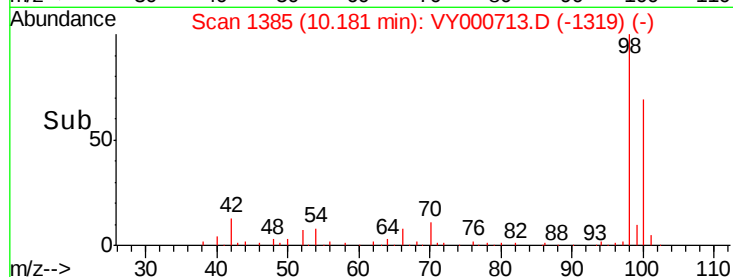
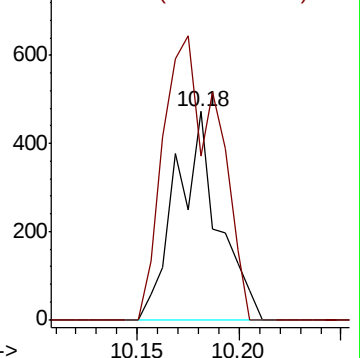
43 100

58 172.3 30.2 45.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 42.015 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000713.D

Acq: 15 Nov 2019 19:40

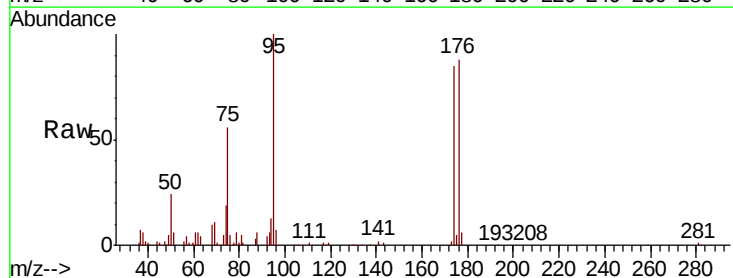
Tgt Ion: 95 Resp: 35825

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

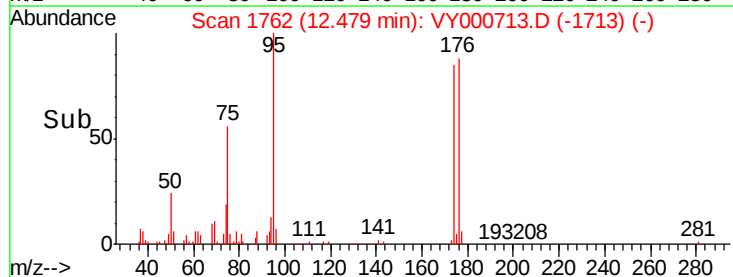
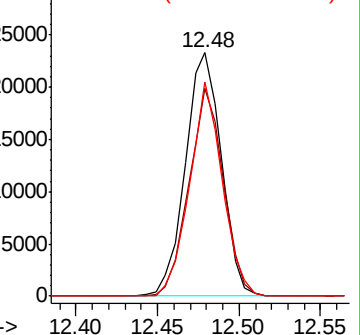
176 80.0 0.0 157.8

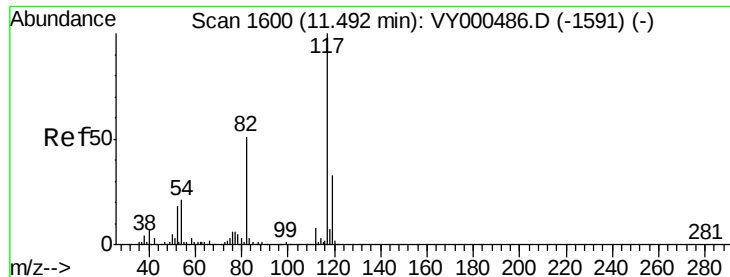


Abundance Ion 94.90 (94.60 to 95.60): VY0

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: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000713.D

Acq: 15 Nov 2019 19:40

Instrument :

MSVOA_Y

ClientSampleId :

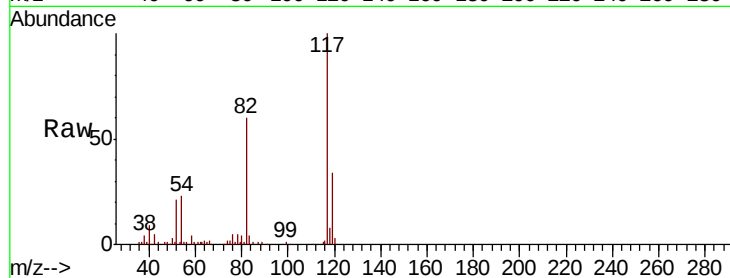
Tot Ion:117 Resp: 83904

Ion Ratio Lower Upper

117 100

82 59.8 40.8 61.2

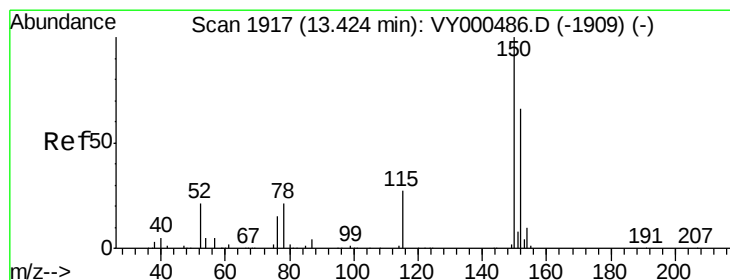
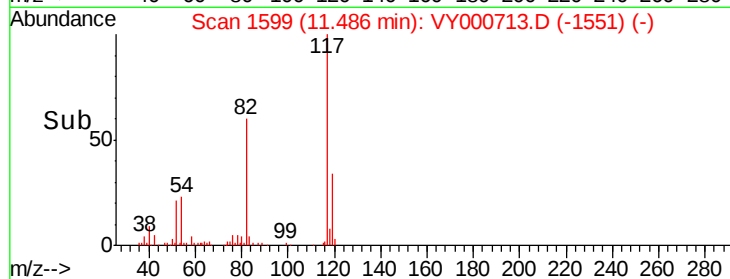
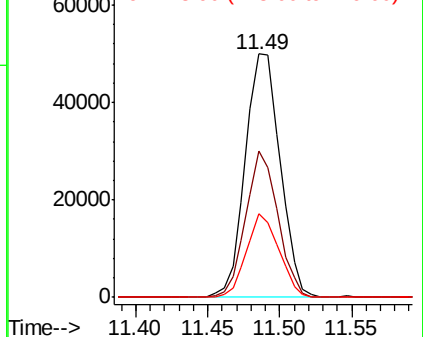
119 34.1 26.2 39.2



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000713.D

Acq: 15 Nov 2019 19:40

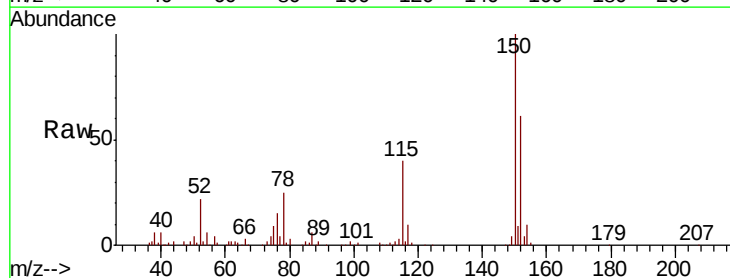
Tgt Ion:152 Resp: 37489

Ion Ratio Lower Upper

152 100

115 61.9 29.1 87.4

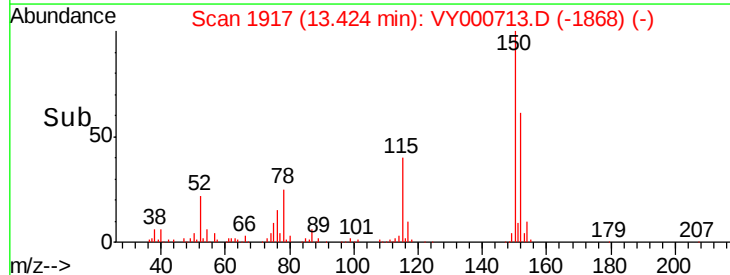
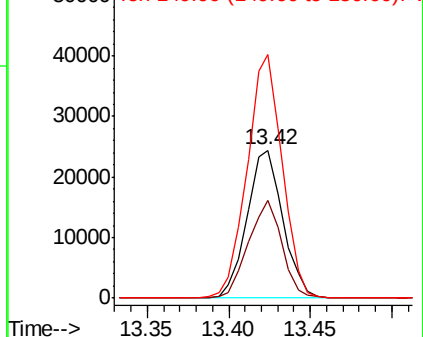
150 160.8 0.0 348.8

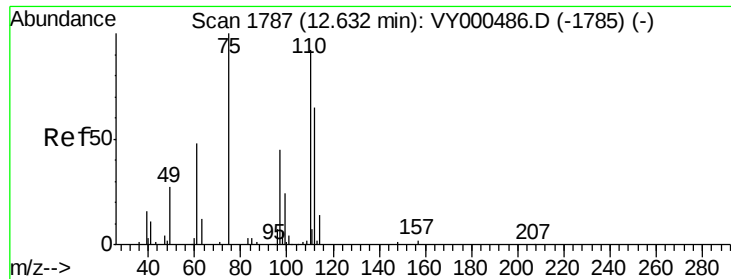


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 47.467 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000713.D

Acq: 15 Nov 2019 19:40

Instrument :

MSVOA_Y

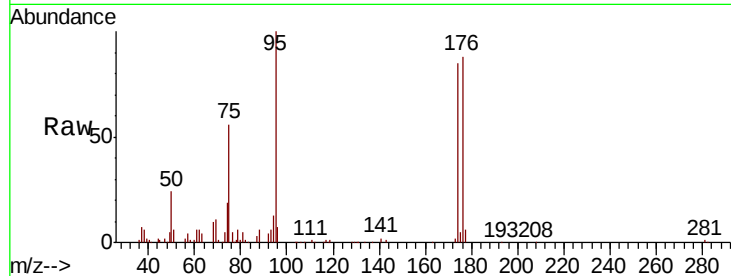
ClientSampleId :

Tot Ion: 75 Resp: 20262

Ion Ratio Lower Upper

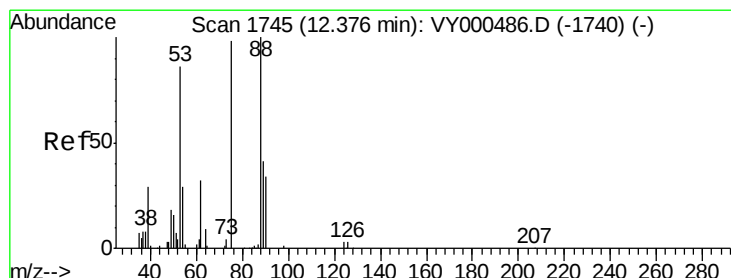
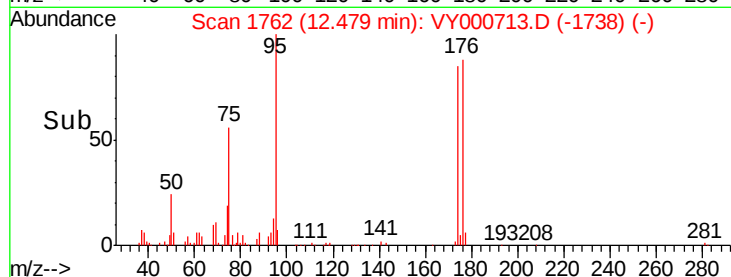
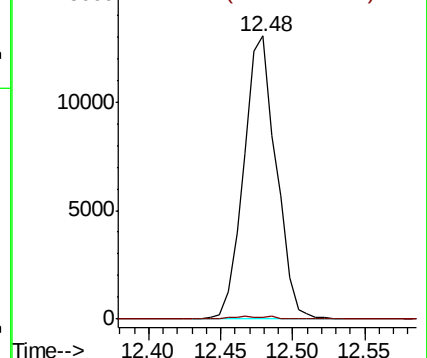
75 100

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: 106.428 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000713.D

Acq: 15 Nov 2019 19:40

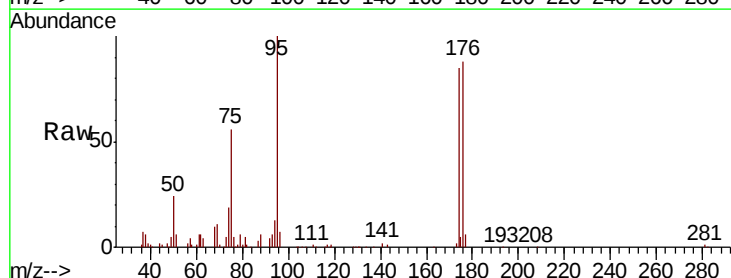
Tgt Ion: 75 Resp: 20262

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#



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

