

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111519\
 Data File : VY000700.D
 Acq On : 15 Nov 2019 14:51
 Operator : SY/MD
 Sample : K5861-08
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 02:31:38 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	193480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	357420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	327859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154126	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	123304	61.58	ug/l	0.00
Spiked Amount			Recovery	=	123.16%	
35) Dibromofluoromethane	7.73	113	106387	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	10.18	98	418831	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.48	95	146187	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

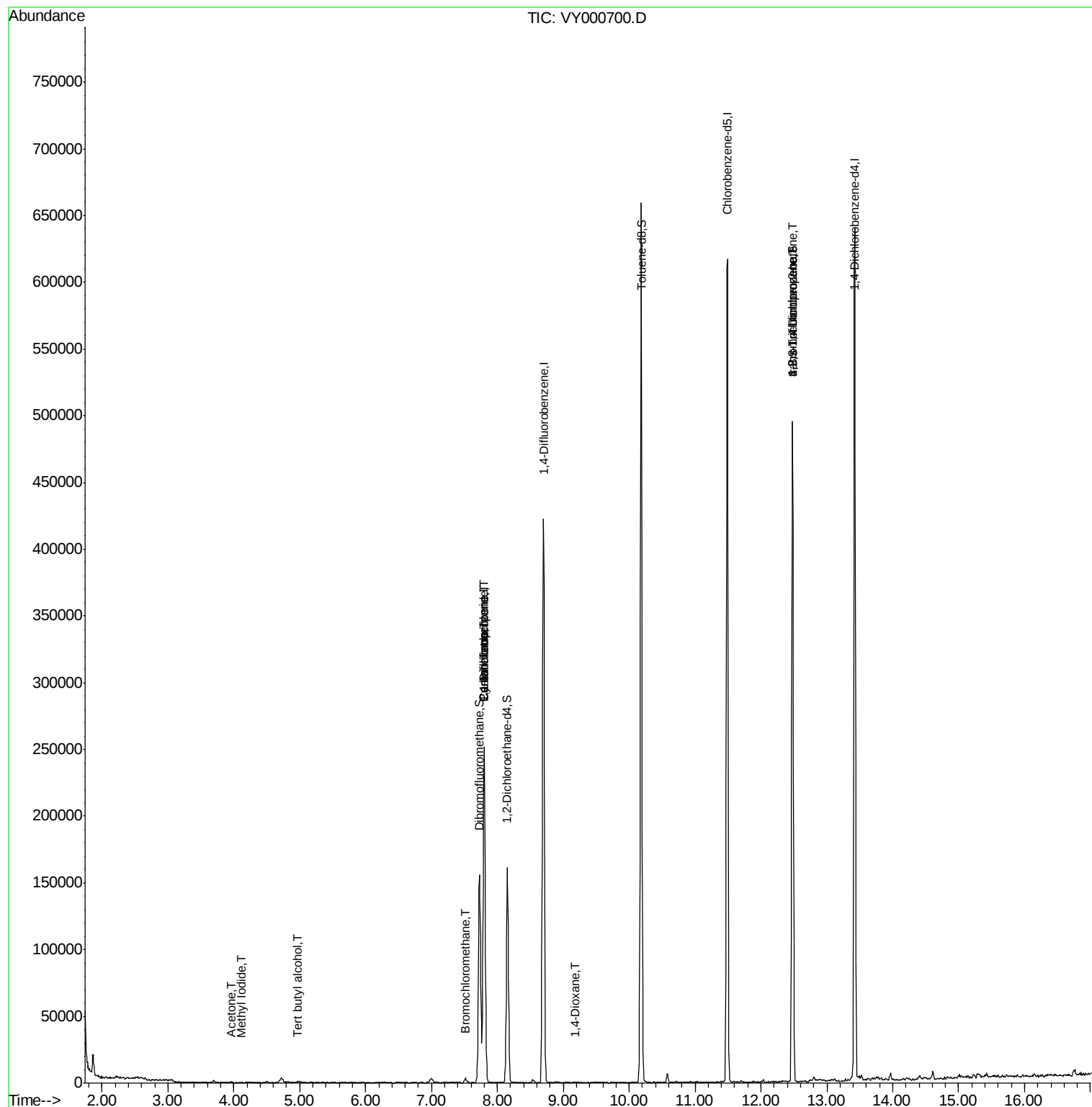
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	59	3.220	ug/l #	41
11) Tert butyl alcohol	4.97	59	2184	11.205	ug/l #	90
16) Acetone	3.96	43	649	1.176	ug/l	97
28) Bromochloromethane	7.51	49	186	4.194	ug/l #	14
31) Cyclohexane	7.80	56	4504	1.162	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14965	4.429	ug/l #	51
38) Carbon Tetrachloride	7.80	117	19746	6.073	ug/l #	14
49) 1,4-Dioxane	9.18	88	20	1.108	ug/l #	27
76) 1,2,3-Trichloropropane	12.48	75	80753	46.015	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	80753	103.171	ug/l #	13

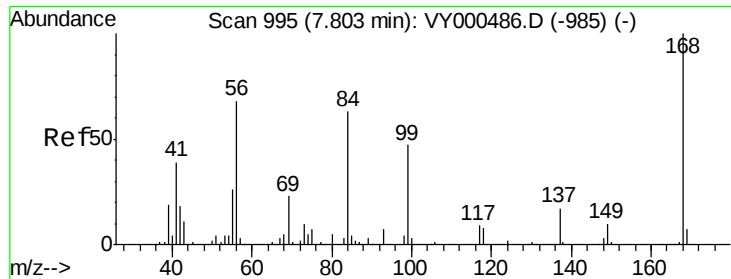
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 16 02:31:38 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: VY000700.D

Acq: 15 Nov 2019 14:51

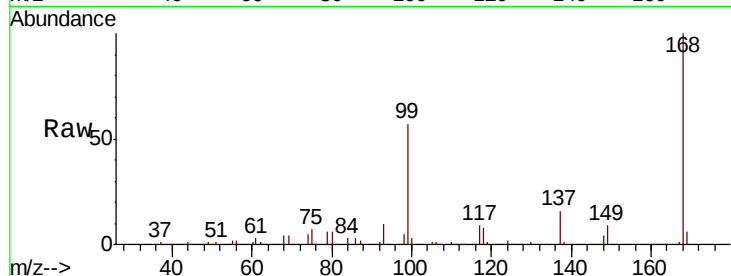
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 193480

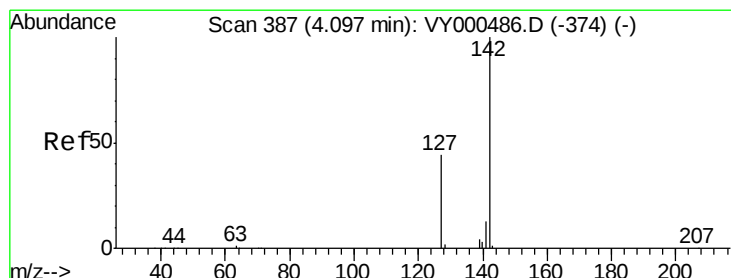
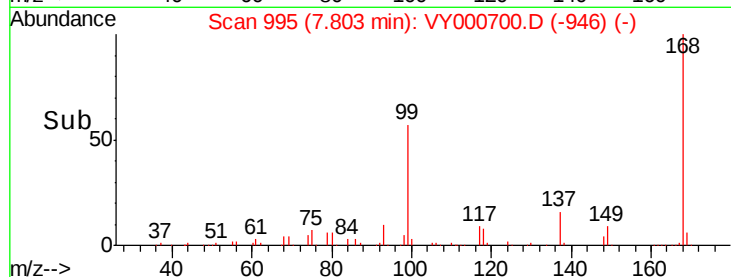
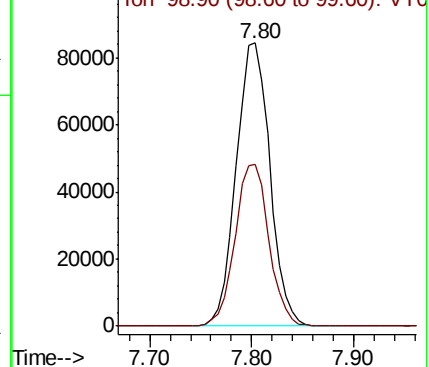
Ion Ratio Lower Upper

168 100

99 57.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 3.220 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000700.D

Acq: 15 Nov 2019 14:51

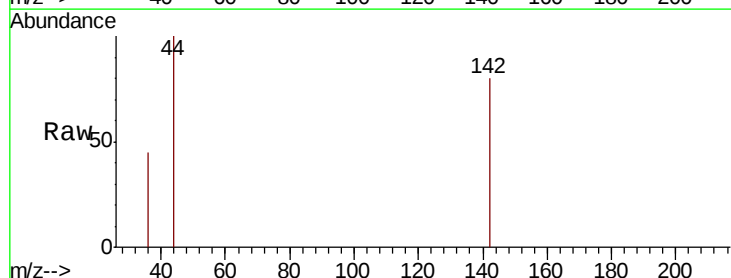
Tgt Ion:142 Resp: 59

Ion Ratio Lower Upper

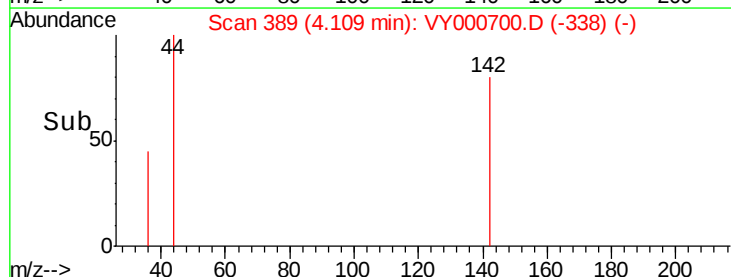
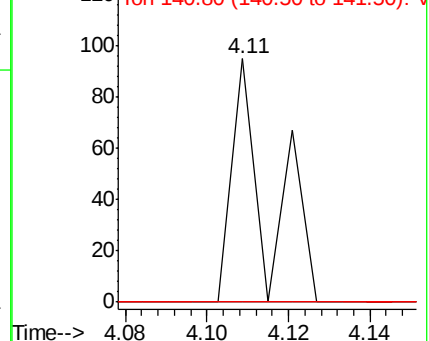
142 100

127 0.0 33.7 50.5#

141 0.0 10.9 16.3#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 11.205 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.00 min

Lab File: VY000700.D

Acq: 15 Nov 2019 14:51

Instrument :

MSVOA_Y

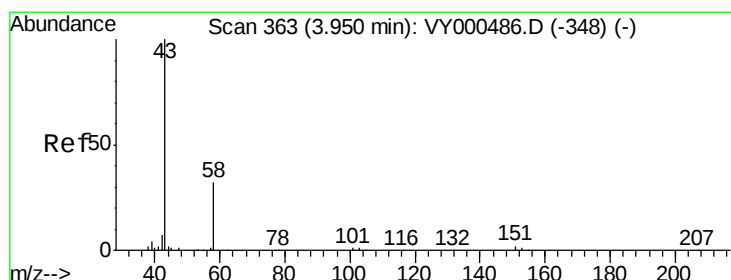
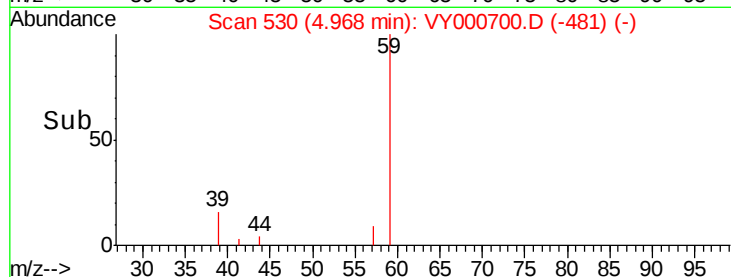
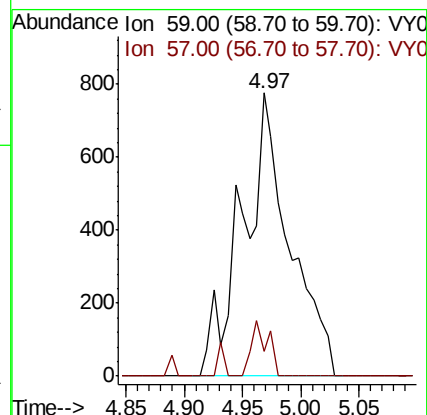
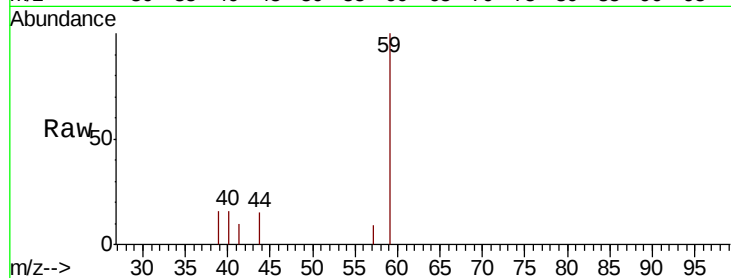
ClientSampled :

Tot Ion: 59 Resp: 2184

Ion Ratio Lower Upper

59 100

57 6.9 8.6 12.8#



#16

Acetone

Concen: 1.176 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000700.D

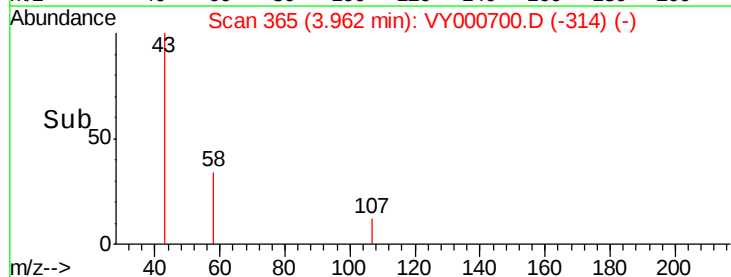
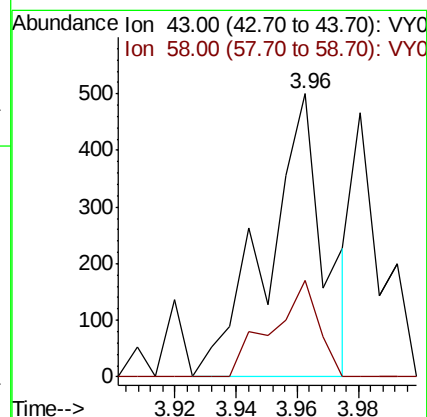
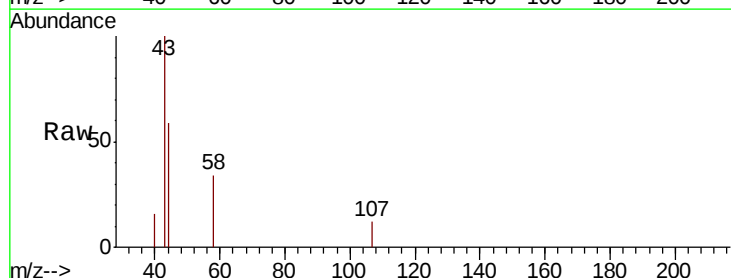
Acq: 15 Nov 2019 14:51

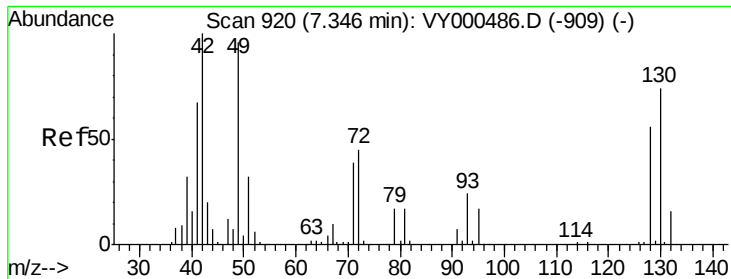
Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

43 100

58 34.0 25.8 38.6





#28

Bromochloromethane

Concen: 4.194 ug/l

RT: 7.51 min Scan# 947

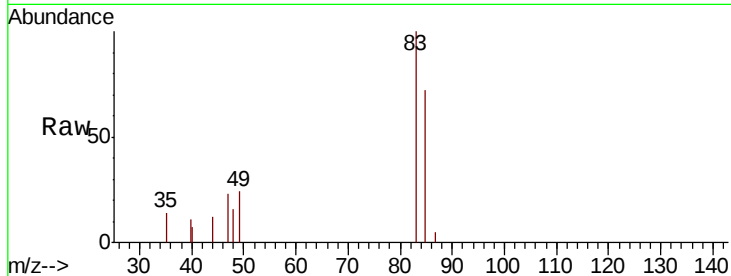
Delta R.T. 0.17 min

Lab File: VY000700.D

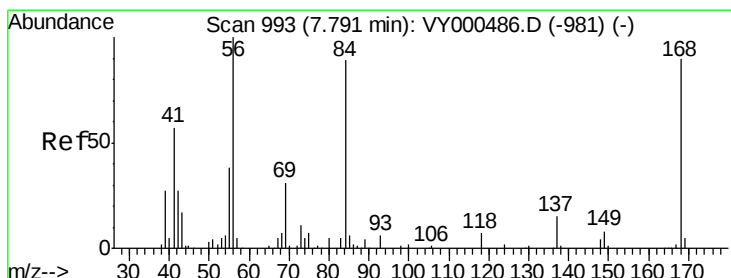
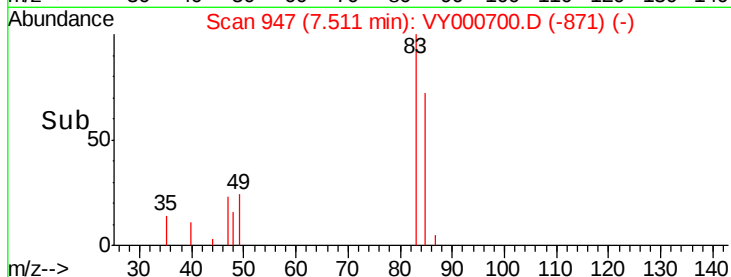
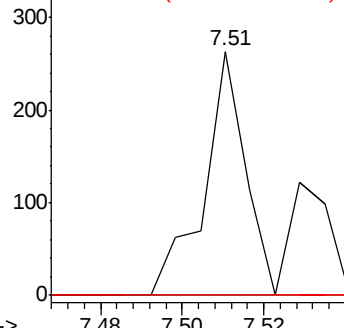
Acq: 15 Nov 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 49 Resp: 186
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0



#31

Cyclohexane

Concen: 1.162 ug/l

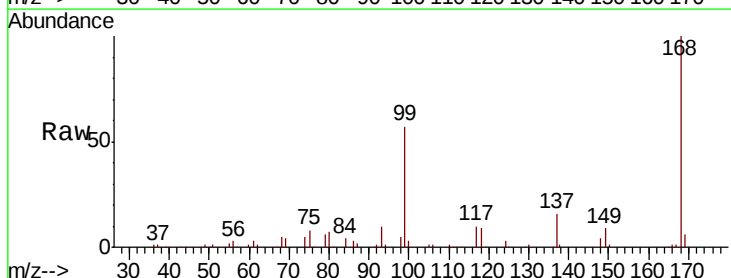
RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

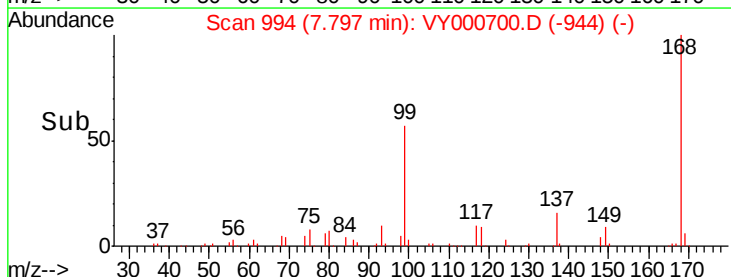
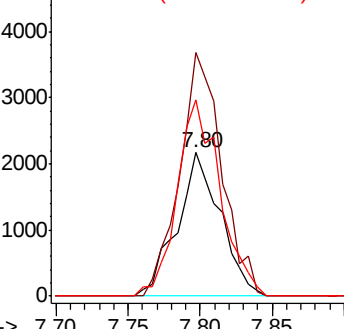
Lab File: VY000700.D

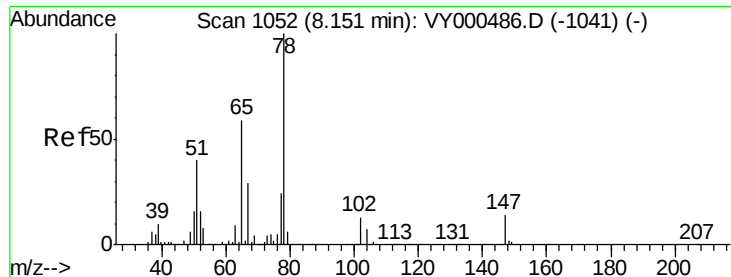
Acq: 15 Nov 2019 14:51

Tgt Ion: 56 Resp: 4504
Ion Ratio Lower Upper
56 100
69 169.7 25.0 37.6#
84 136.6 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

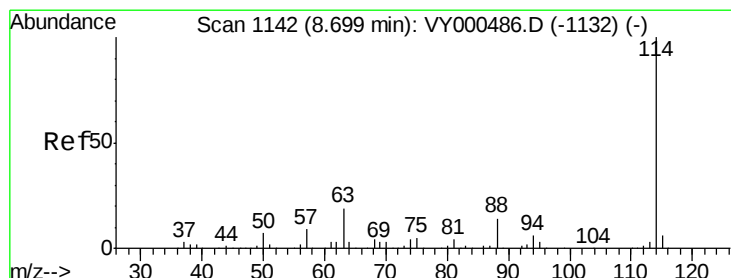
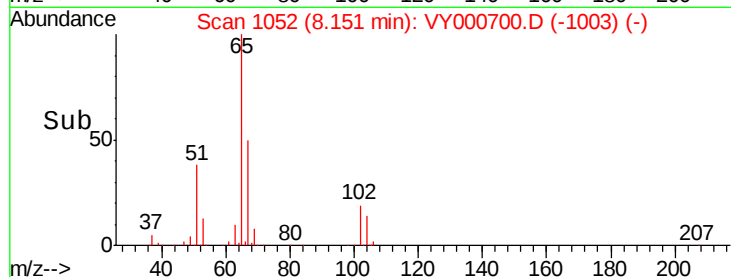
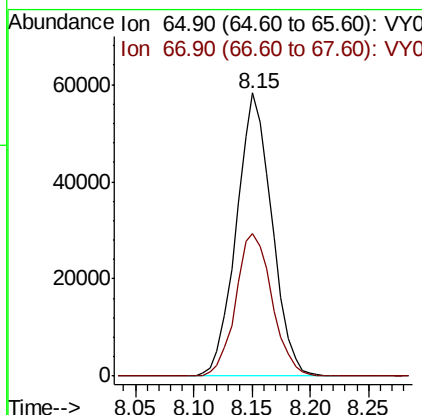
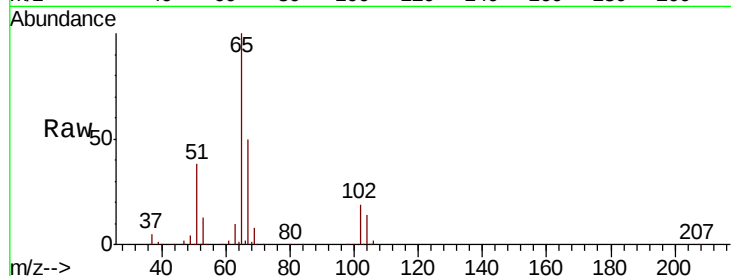




#33
 1,2-Dichloroethane-d4
 Concen: 61.582 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000700.D
 Acq: 15 Nov 2019 14:51

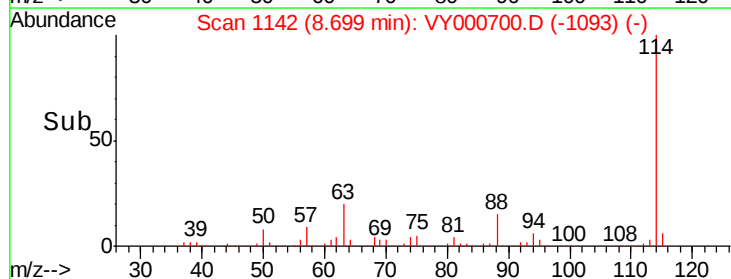
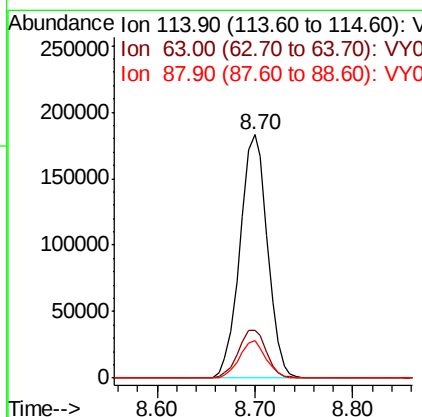
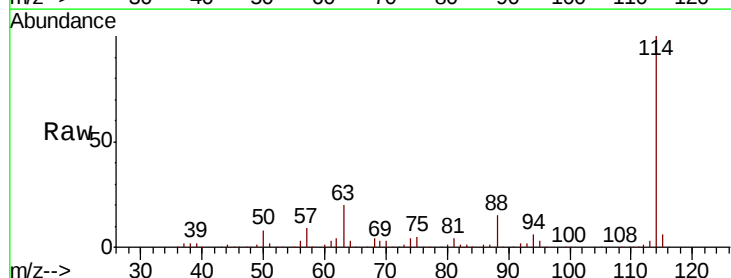
Instrument :
 MSVOA_Y
 ClientSampleId :

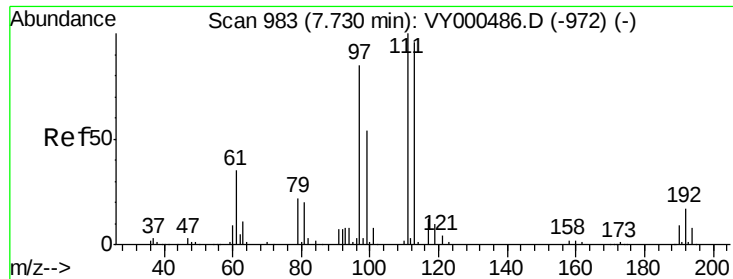
Tot Ion: 65 Resp: 123304
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000700.D
 Acq: 15 Nov 2019 14:51

Tgt Ion: 114 Resp: 357420
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 15.4 0.0 28.6

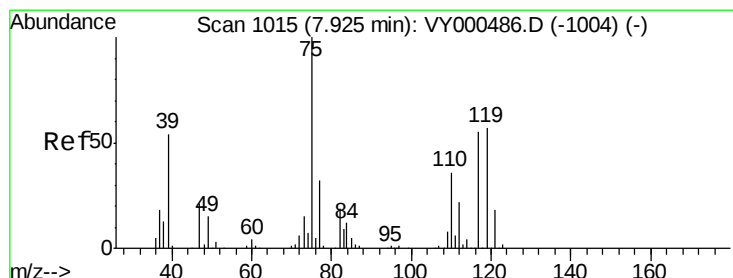
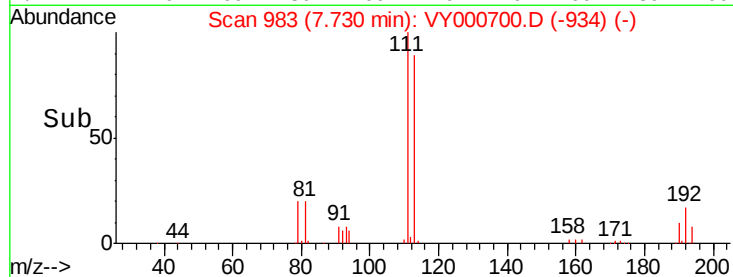
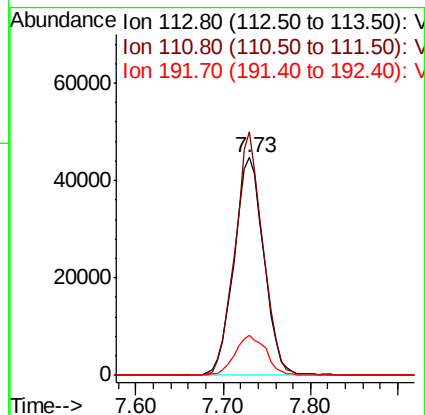
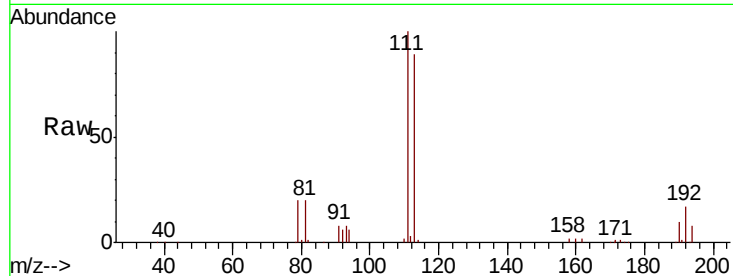




#35
Dibromofluoromethane
Concen: 50.702 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000700.D
Acq: 15 Nov 2019 14:51

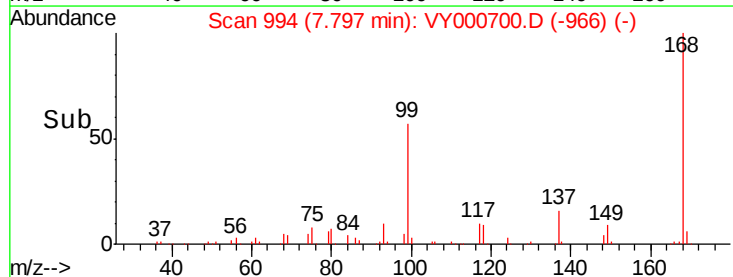
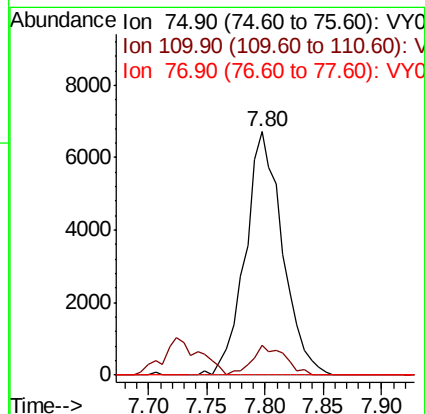
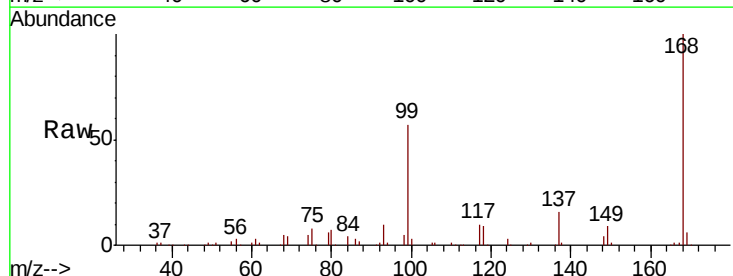
Instrument :
MSVOA_Y
ClientSampleId :

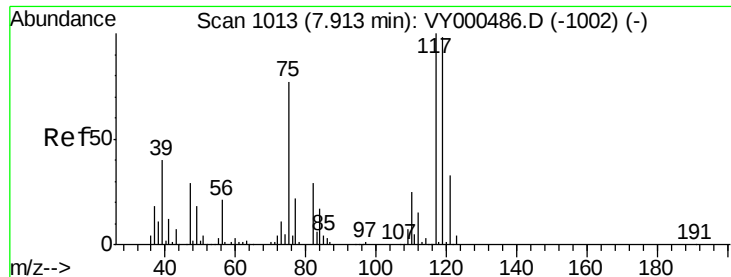
Tot Ion:113 Resp: 106387
Ion Ratio Lower Upper
113 100
111 103.9 81.7 122.5
192 18.8 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000700.D
Acq: 15 Nov 2019 14:51

Tgt Ion: 75 Resp: 14965
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.073 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000700.D

Acq: 15 Nov 2019 14:51

Instrument :

MSVOA_Y

ClientSampleId :

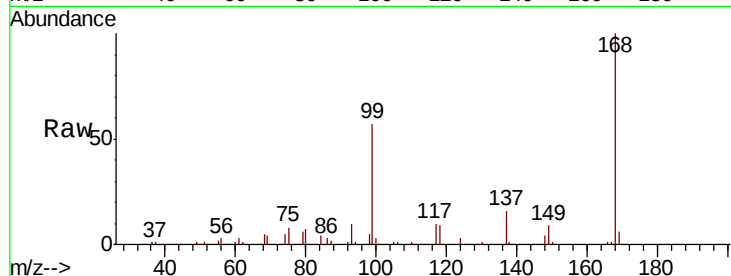
Tot Ion:117 Resp: 19746

Ion Ratio Lower Upper

117 100

119 3.8 78.0 117.0#

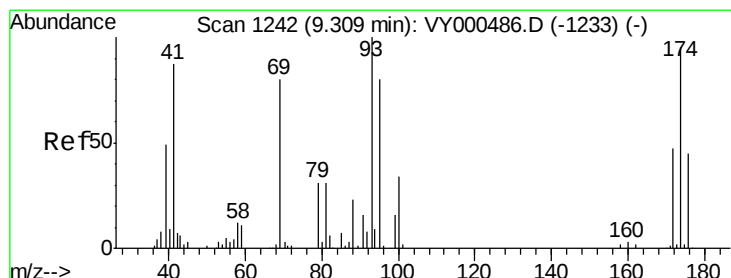
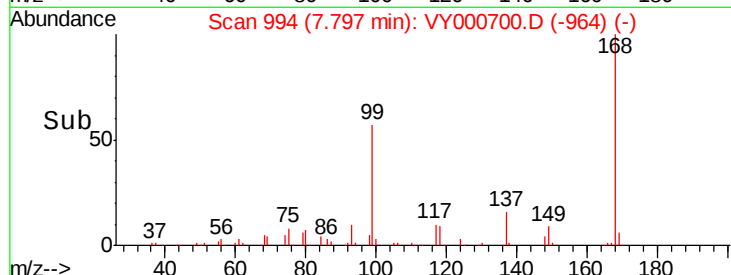
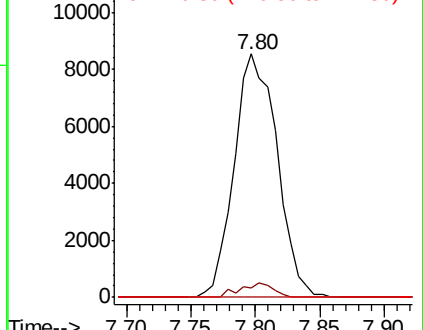
121 0.0 26.6 40.0#



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



#49

1,4-Dioxane

Concen: 1.108 ug/l

RT: 9.18 min Scan# 1221

Delta R.T. -0.13 min

Lab File: VY000700.D

Acq: 15 Nov 2019 14:51

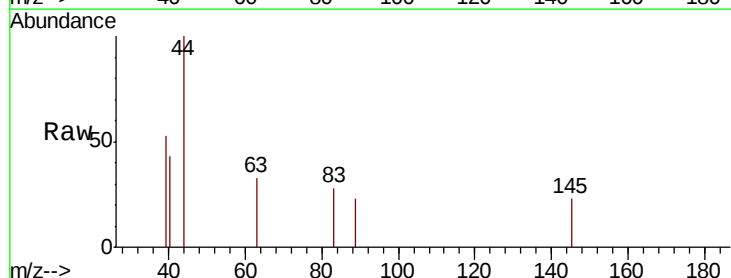
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

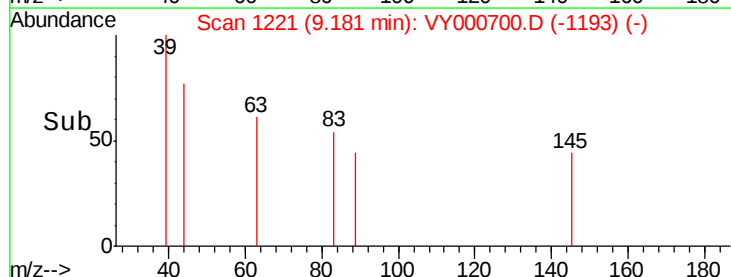
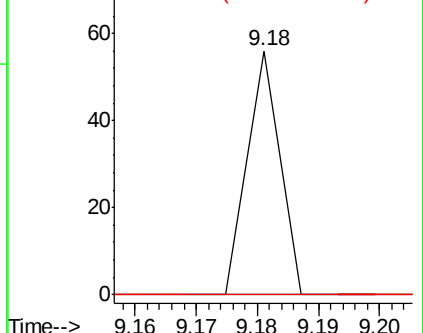
58 0.0 50.6 75.8#

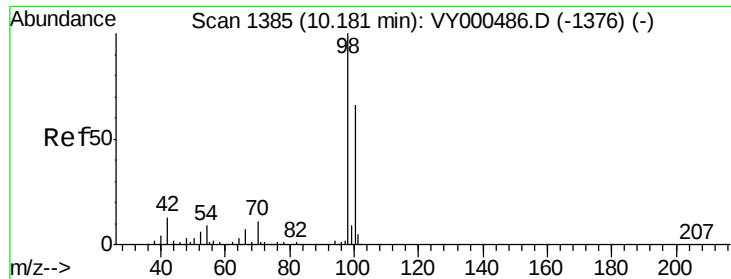


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 52.605 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000700.D

Acq: 15 Nov 2019 14:51

Instrument :

MSVOA_Y

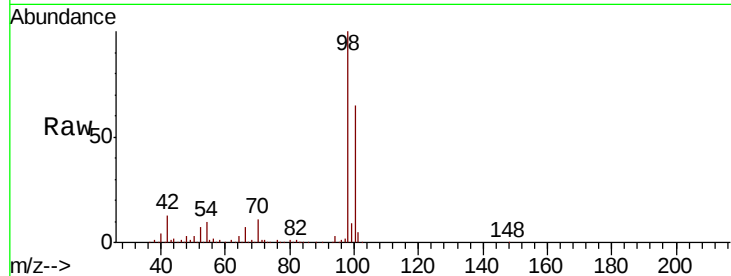
ClientSampled :

Tot Ion: 98 Resp: 418831

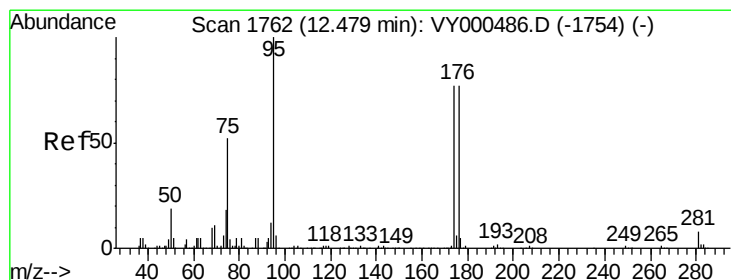
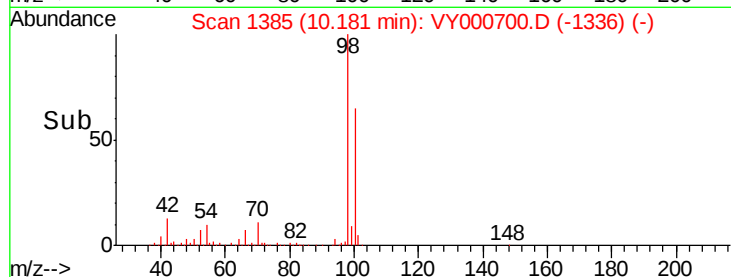
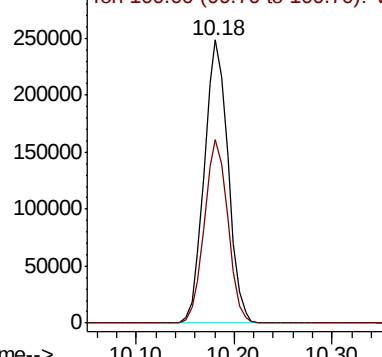
Ion Ratio Lower Upper

98 100

100 64.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY000486.D (-1376) (-)



#62

4-Bromofluorobenzene

Concen: 48.230 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000700.D

Acq: 15 Nov 2019 14:51

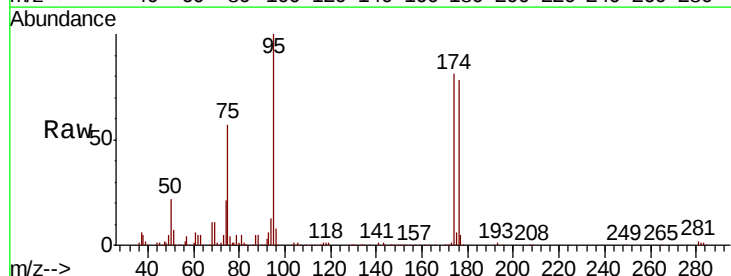
Tgt Ion: 95 Resp: 146187

Ion Ratio Lower Upper

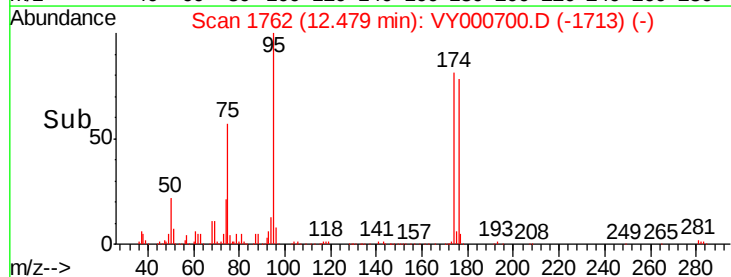
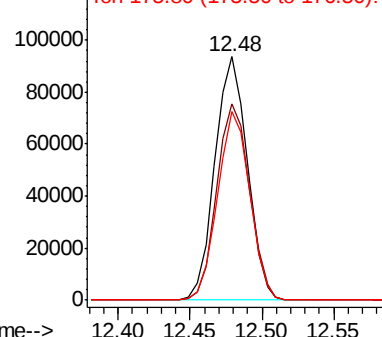
95 100

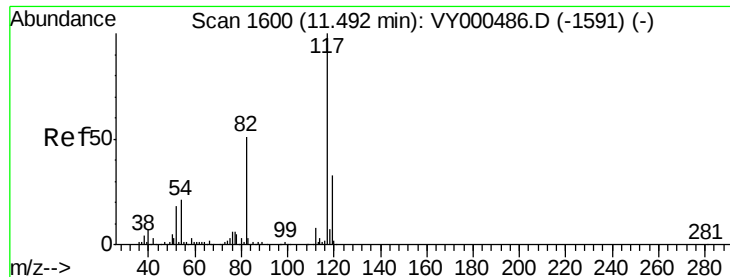
174 81.2 0.0 161.6

176 76.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000486.D (-1754) (-)

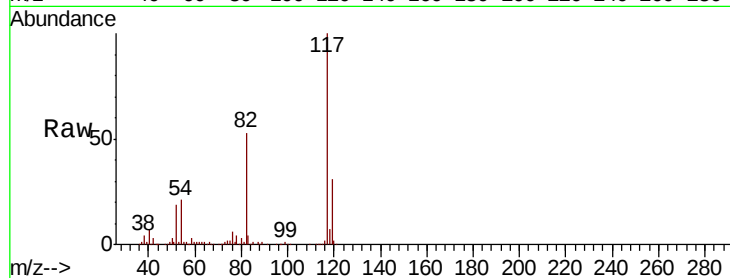




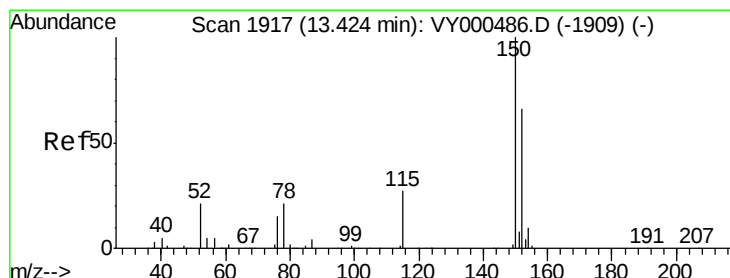
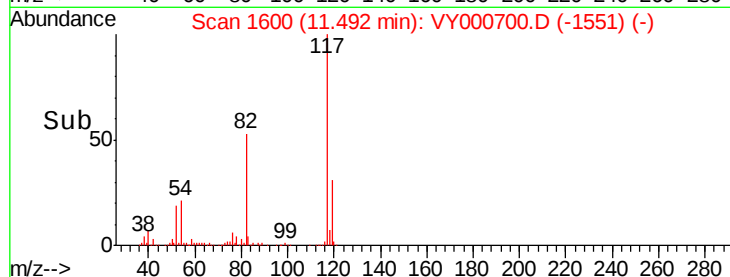
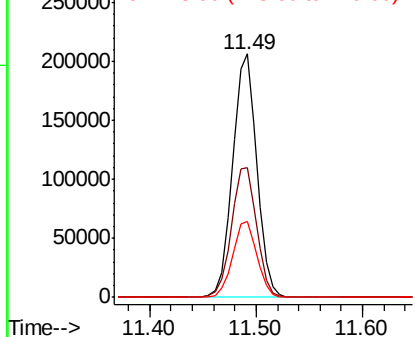
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000700.D
Acq: 15 Nov 2019 14:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 327859
Ion Ratio Lower Upper
117 100
82 53.1 40.8 61.2
119 31.4 26.2 39.2

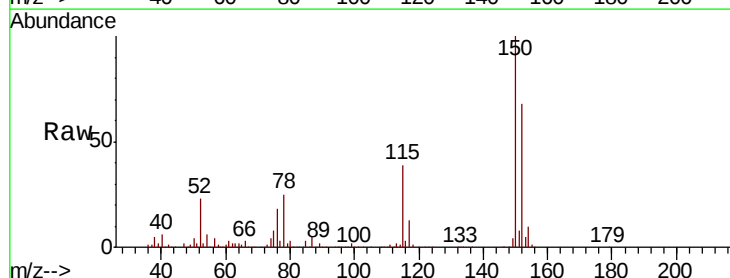


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

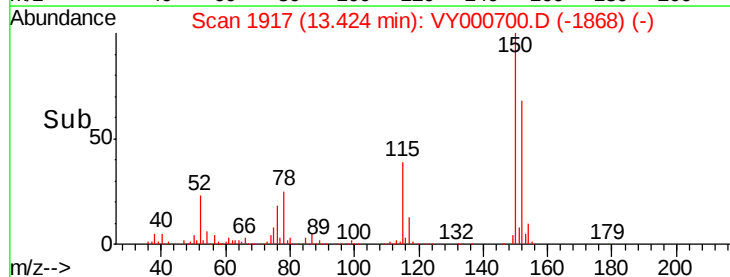
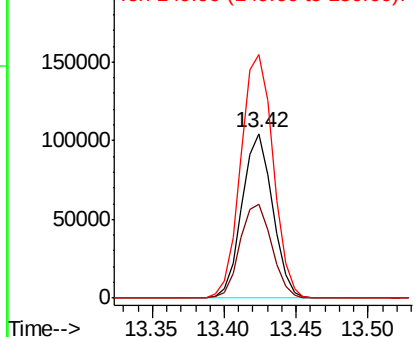


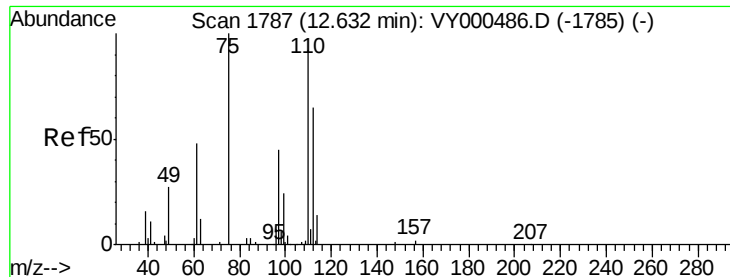
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000700.D
Acq: 15 Nov 2019 14:51

Tgt Ion:152 Resp: 154126
Ion Ratio Lower Upper
152 100
115 59.2 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: 46.015 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000700.D

Acq: 15 Nov 2019 14:51

Instrument :

MSVOA_Y

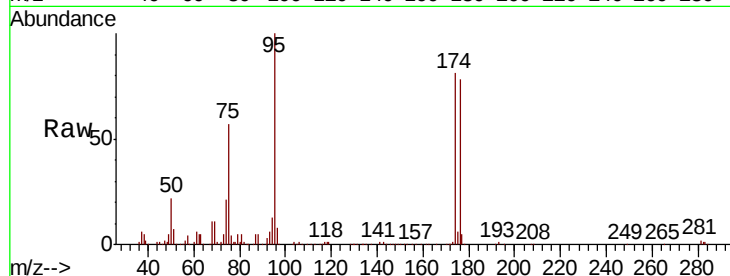
ClientSampleId :

Tot Ion: 75 Resp: 80753

Ion Ratio Lower Upper

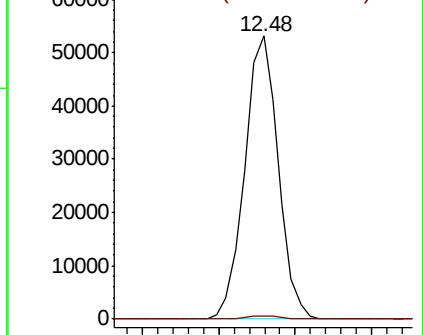
75 100

77 1.2 0.0 0.0#

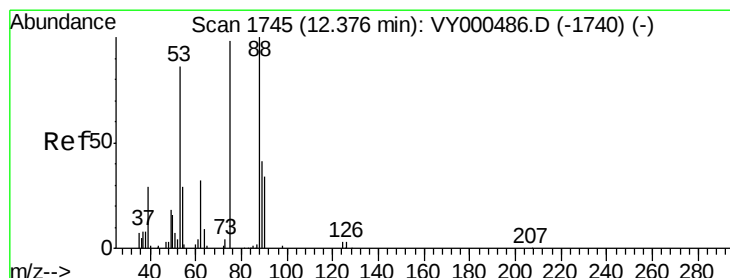
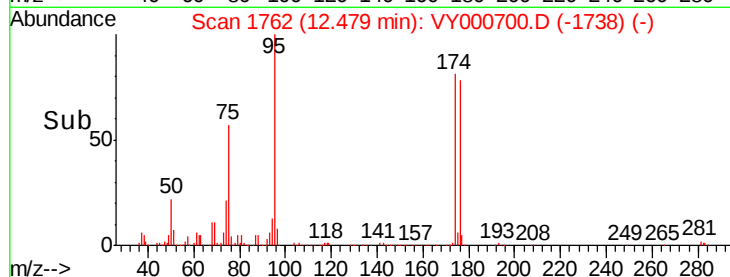


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 103.171 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000700.D

Acq: 15 Nov 2019 14:51

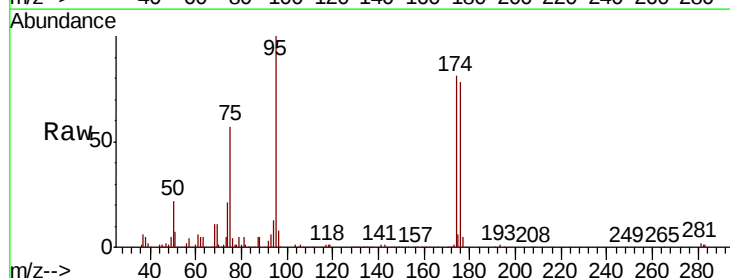
Tgt Ion: 75 Resp: 80753

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

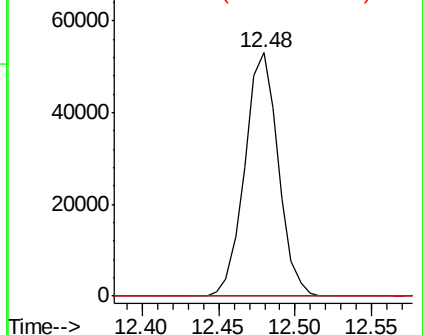
89 0.0 35.9 53.9#



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



Time-->

