

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000719.D
 Acq On : 18 Nov 2019 12:11
 Operator : SY/MD
 Sample : VY1118SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBL01

Quant Time: Nov 18 12:35:09 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	228055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	376911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	336119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159557	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	126933	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	
35) Dibromofluoromethane	7.72	113	111003	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	10.18	98	443264	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.48	95	151832	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	

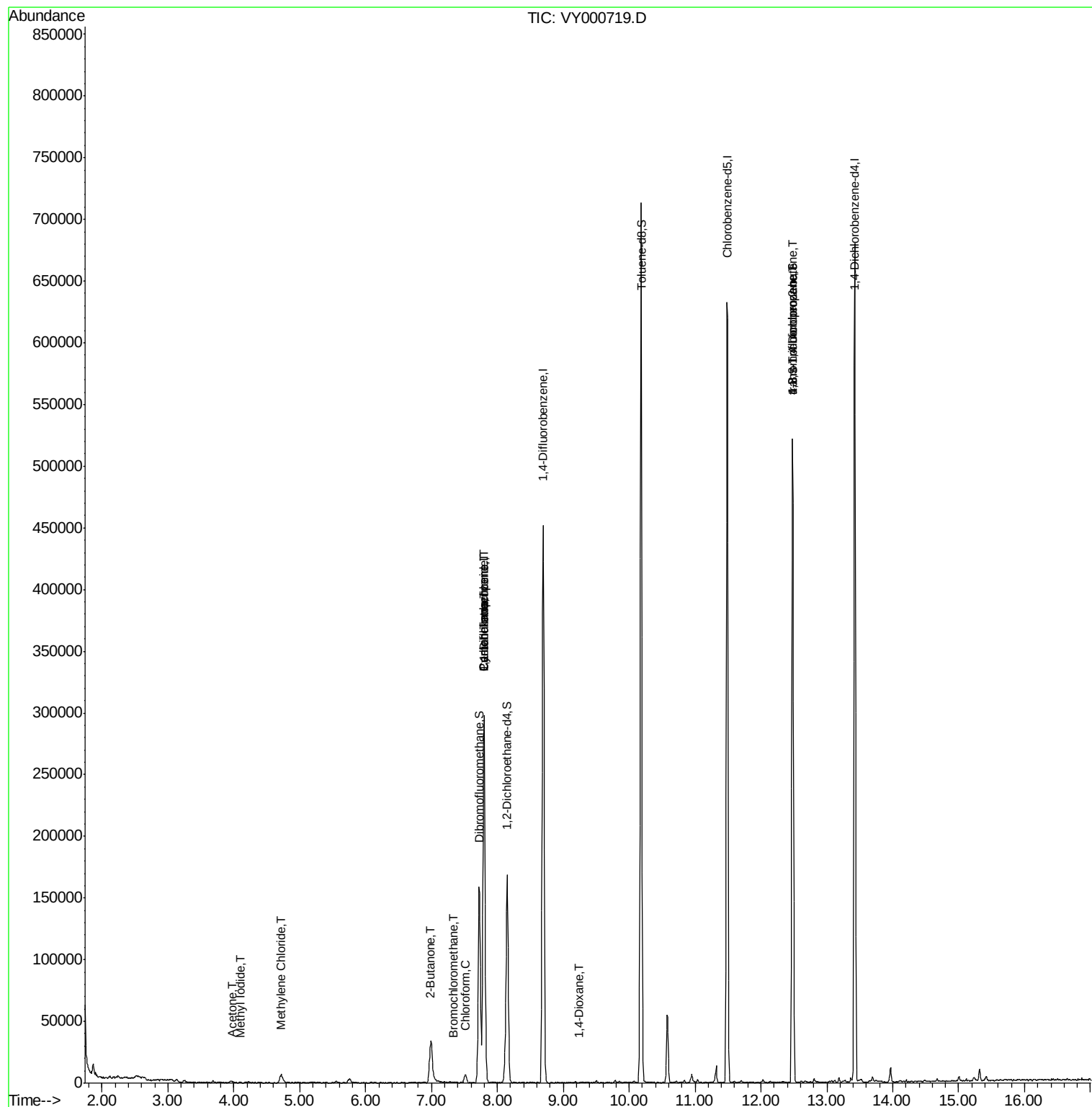
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.09	142	277	3.283	ug/l #	86
16) Acetone	3.97	43	2205	3.390	ug/l	97
20) Methylene Chloride	4.72	84	4591	1.647	ug/l	92
25) 2-Butanone	6.98	43	2212	2.131	ug/l #	49
28) Bromochloromethane	7.33	49	177	4.174	ug/l #	14
30) Chloroform	7.51	83	6564	1.488	ug/l #	71
31) Cyclohexane	7.79	56	5653	1.237	ug/l #	55
36) 1,1-Dichloropropene	7.80	75	19789	5.554	ug/l #	49
38) Carbon Tetrachloride	7.79	117	23004	6.710	ug/l #	15
49) 1,4-Dioxane	9.24	88	37	1.944	ug/l #	11
76) 1,2,3-Trichloropropane	12.48	75	83708	46.075	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83708	103.306	ug/l #	13

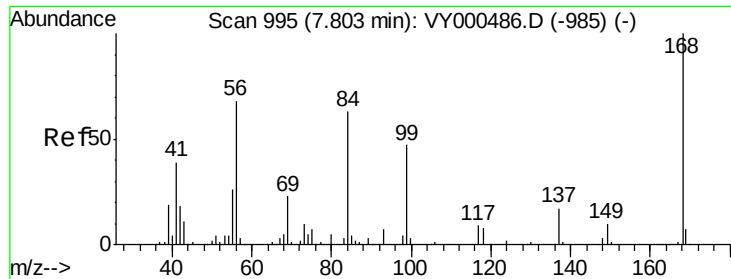
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

Instrument :

MSVOA_Y

ClientSampleId :

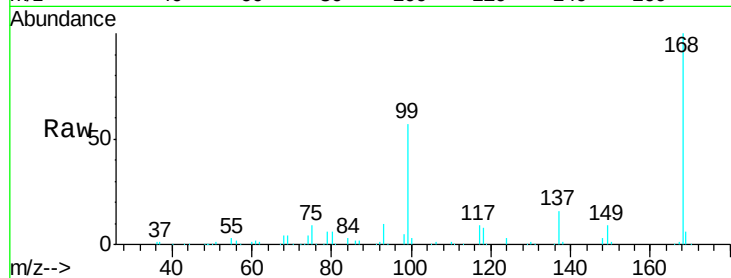
VY1118SBL01

Tgt Ion:168 Resp: 228055

Ion Ratio Lower Upper

168 100

99 57.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

120000

100000

80000

60000

40000

20000

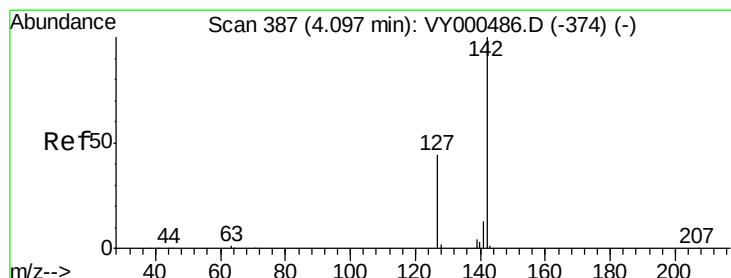
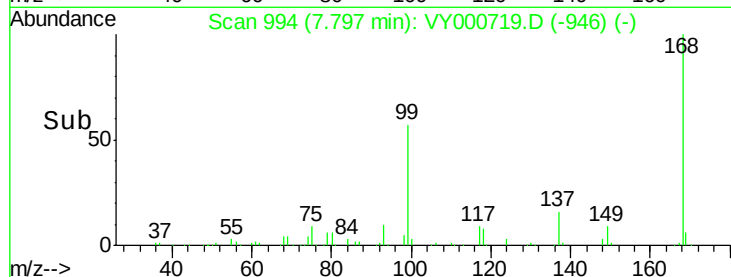
0

7.70

7.80

7.90

Time-->



#10

Methyl Iodide

Concen: 3.283 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

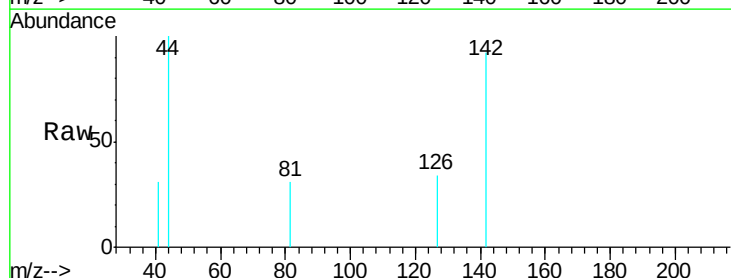
Tgt Ion:142 Resp: 277

Ion Ratio Lower Upper

142 100

127 37.5 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

200

150

100

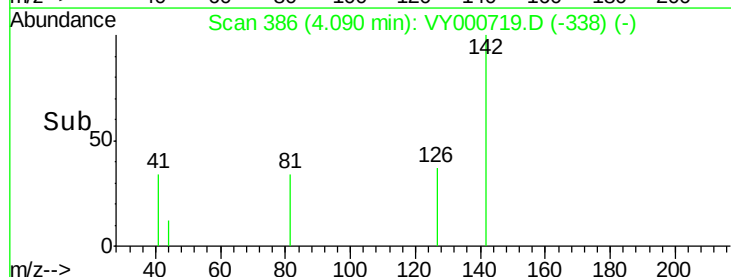
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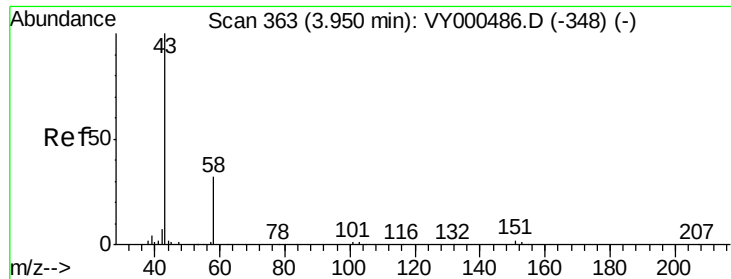
0

4.05

4.10

Time-->

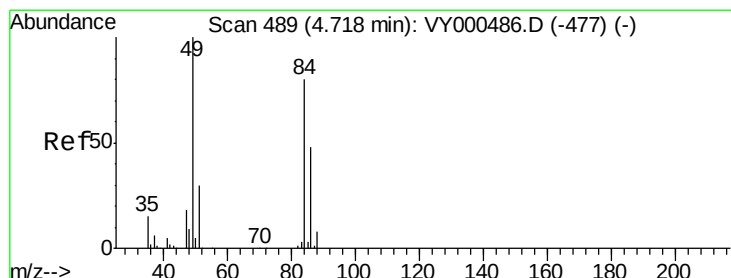
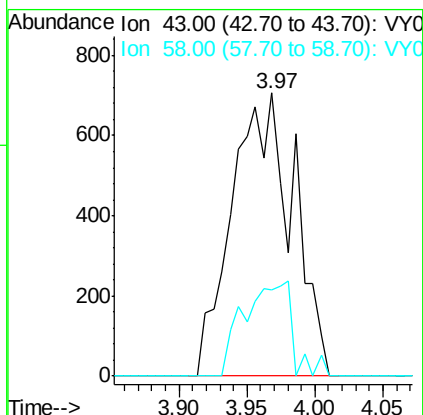
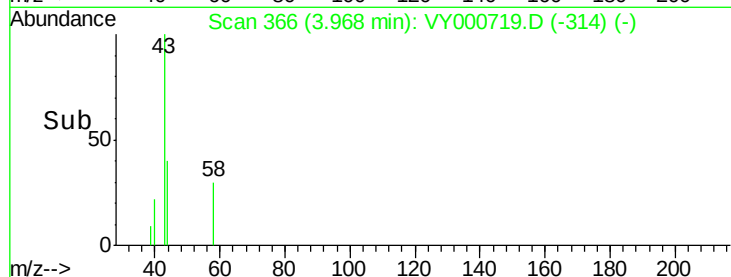
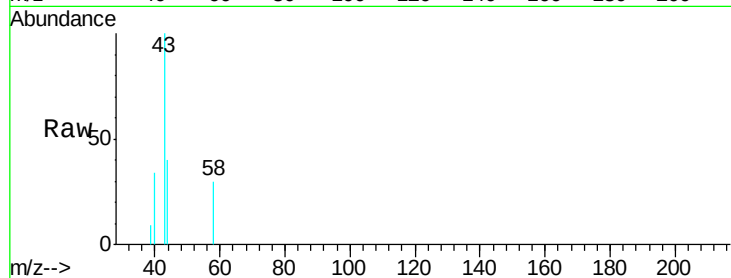




#16
Acetone
Concen: 3.390 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY000719.D
Acq: 18 Nov 2019 12:11

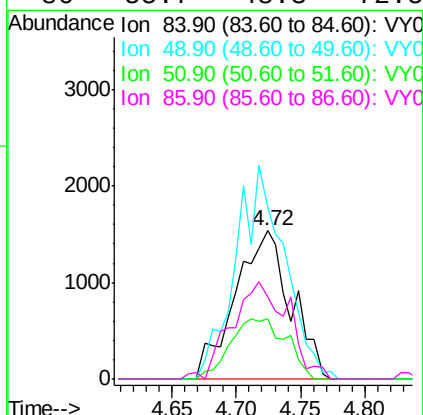
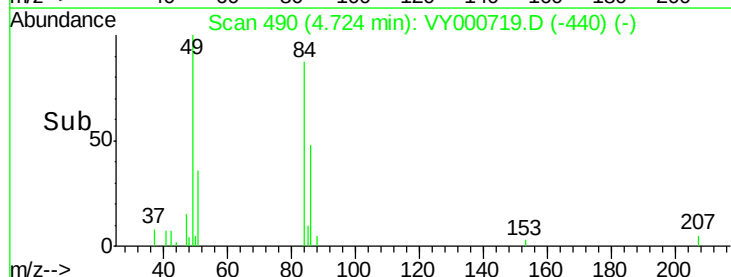
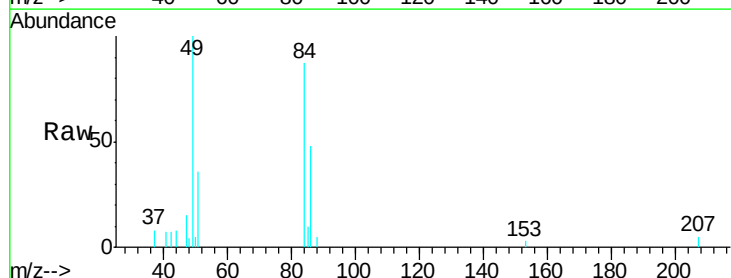
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBL01

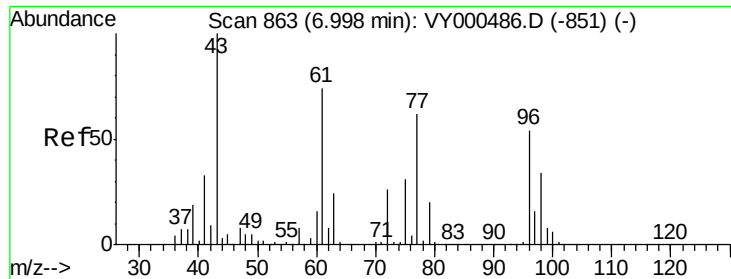
Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 30.3 25.8 38.6



#20
Methylene Chloride
Concen: 1.647 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000719.D
Acq: 18 Nov 2019 12:11

Tgt Ion: 84 Resp: 4591
Ion Ratio Lower Upper
84 100
49 115.6 100.2 150.4
51 41.1 29.6 44.4
86 55.7 48.3 72.5





#25

2-Butanone

Concen: 2.131 ug/l

RT: 6.98 min Scan# 860

Delta R.T. -0.02 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

Instrument :

MSVOA_Y

ClientSampleId :

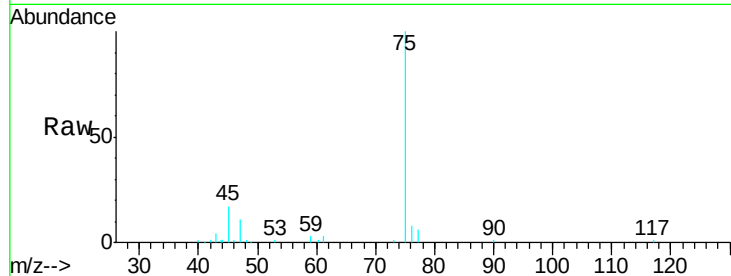
VY1118SBL01

Tgt Ion: 43 Resp: 2212

Ion Ratio Lower Upper

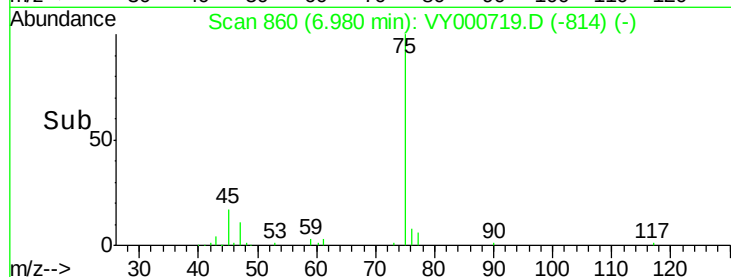
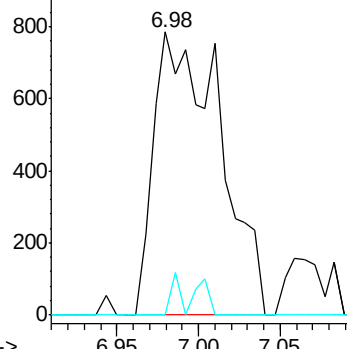
43 100

72 0.0 20.9 31.3#

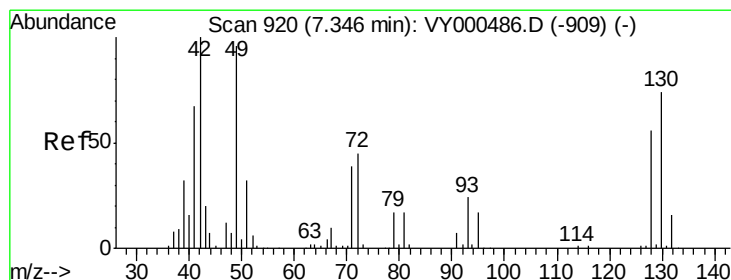


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#28

Bromochloromethane

Concen: 4.174 ug/l

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

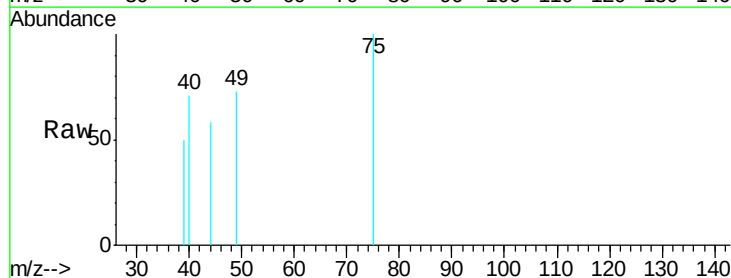
Tgt Ion: 49 Resp: 177

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

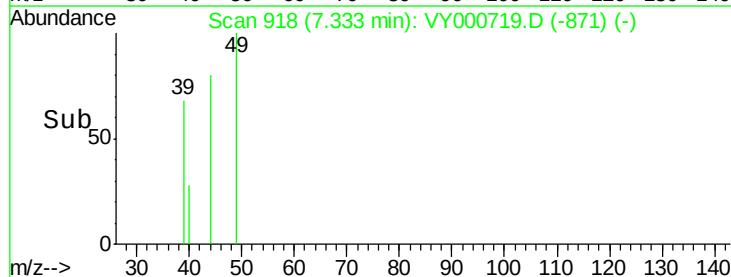
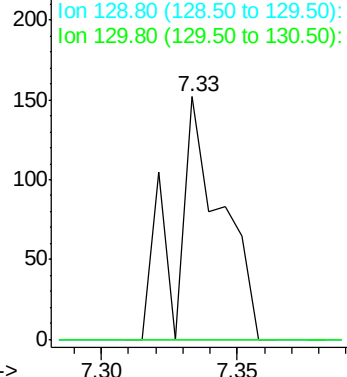
130 0.0 59.4 89.0#



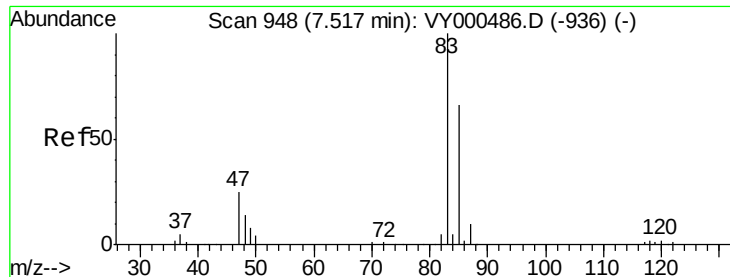
Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



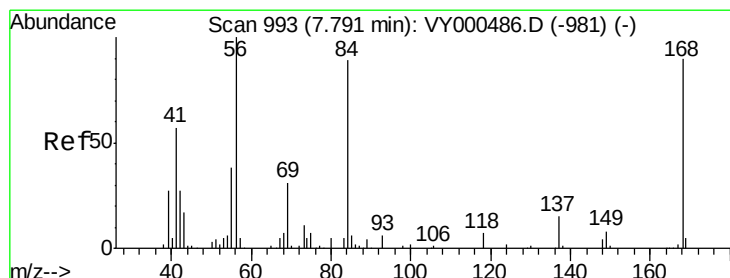
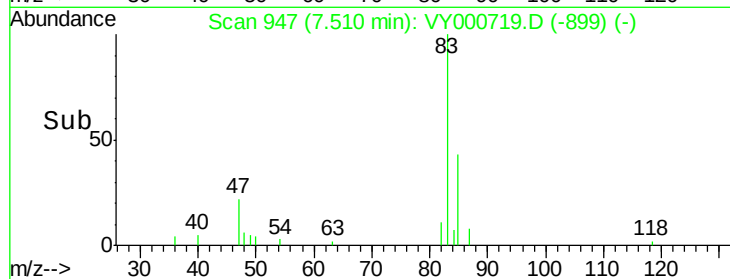
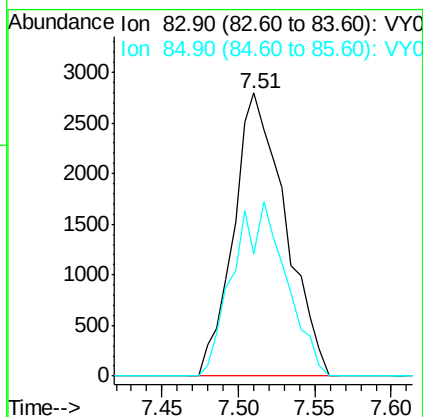
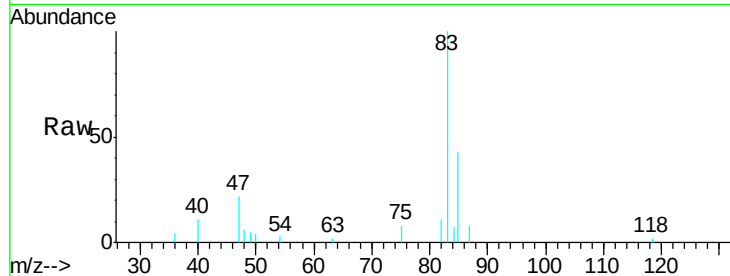
Time-->



#30
Chloroform
Concen: 1.488 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000719.D
Acq: 18 Nov 2019 12:11

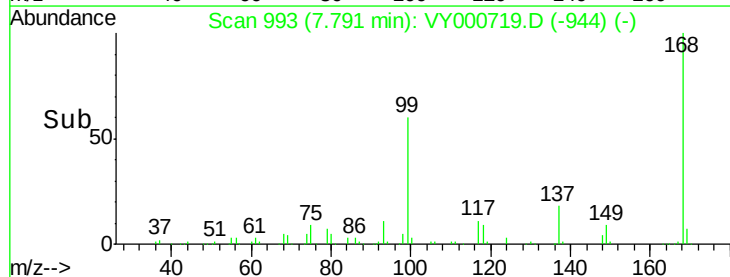
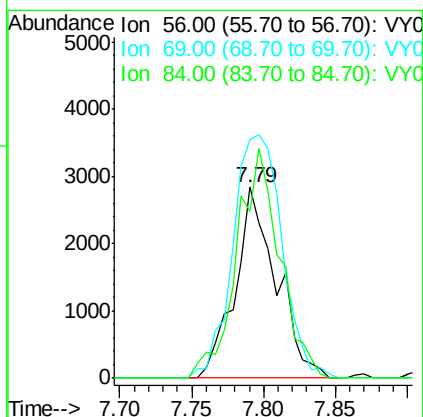
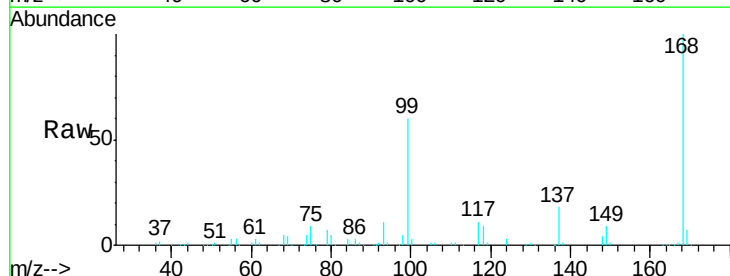
Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBL01

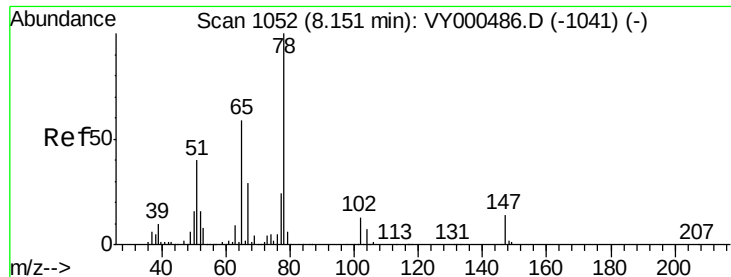
Tgt Ion: 83 Resp: 6564
Ion Ratio Lower Upper
83 100
85 43.2 53.0 79.4#



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000719.D
Acq: 18 Nov 2019 12:11

Tgt Ion: 56 Resp: 5653
Ion Ratio Lower Upper
56 100
69 125.1 25.0 37.6#
84 87.7 71.4 107.2

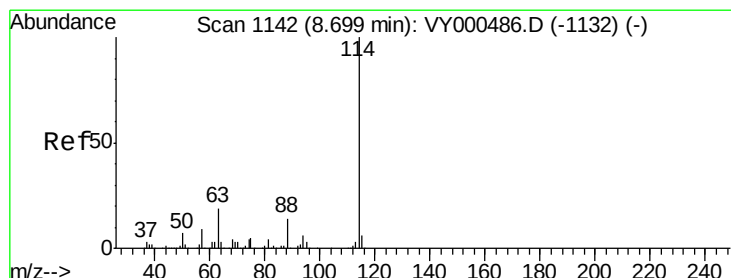
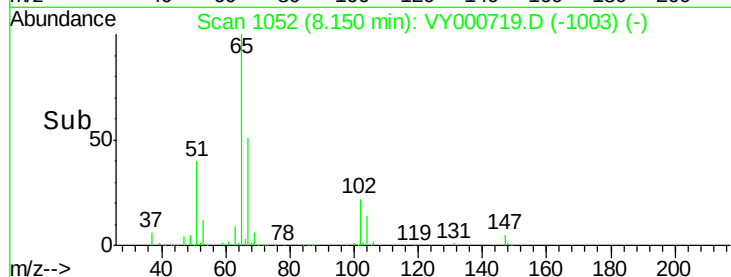
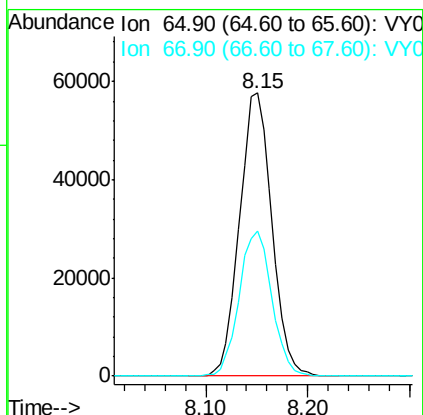
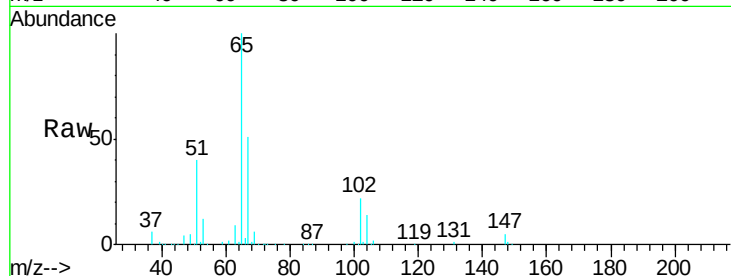




#33
 1,2-Dichloroethane-d4
 Concen: 53.784 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000719.D
 Acq: 18 Nov 2019 12:11

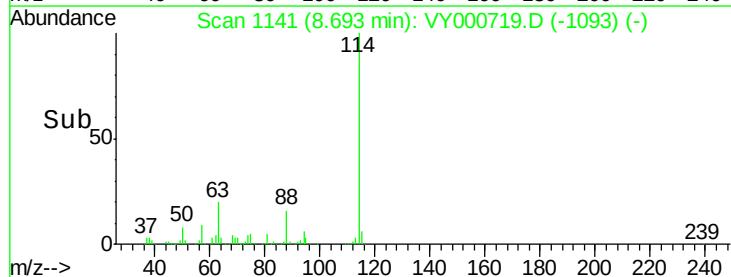
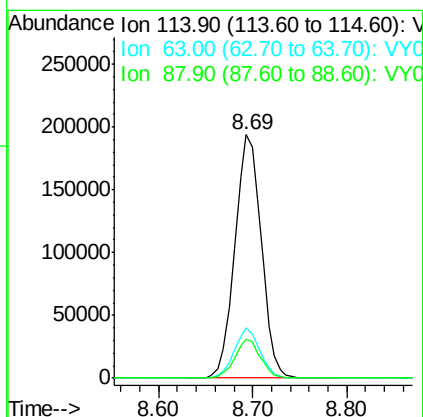
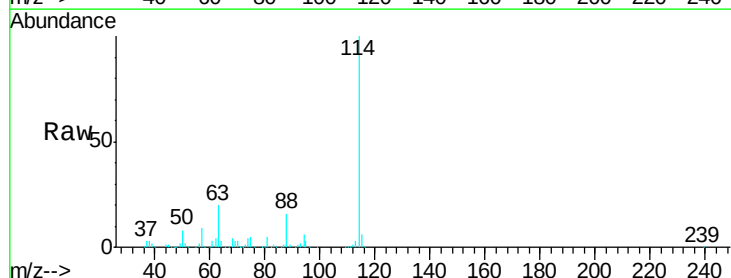
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1118SBL01

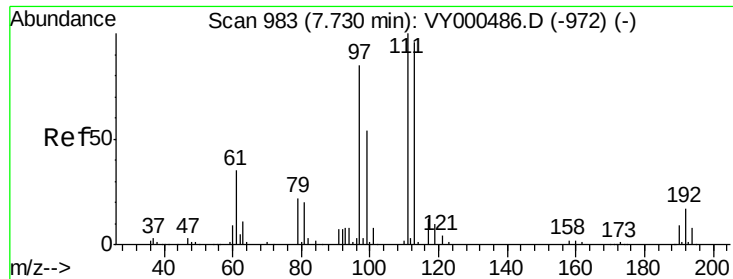
Tgt Ion: 65 Resp: 126933
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000719.D
 Acq: 18 Nov 2019 12:11

Tgt Ion: 114 Resp: 376911
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.0
 88 15.7 0.0 28.6

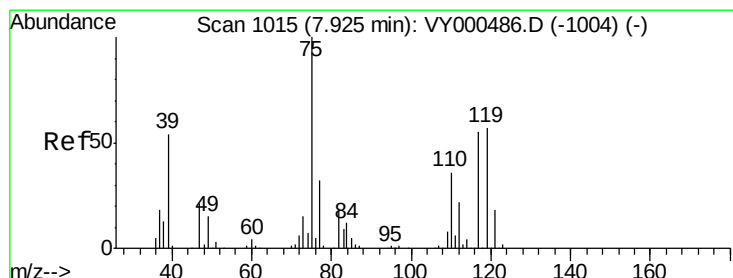
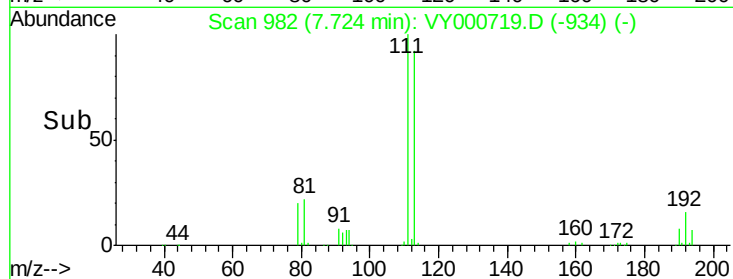
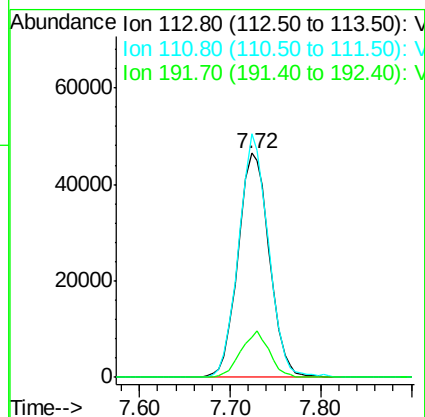
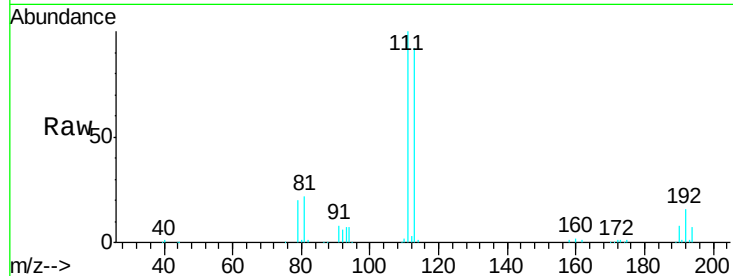




#35
Dibromofluoromethane
Concen: 50.166 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000719.D
Acq: 18 Nov 2019 12:11

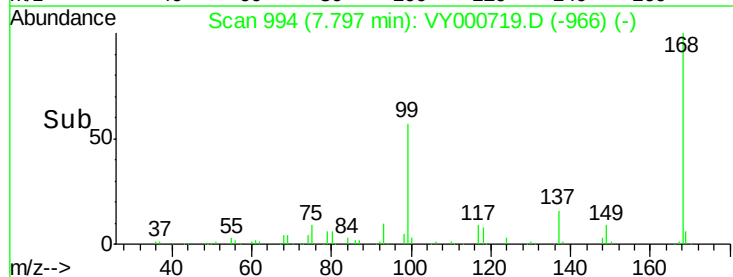
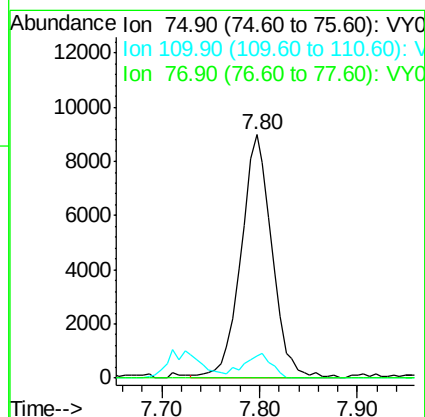
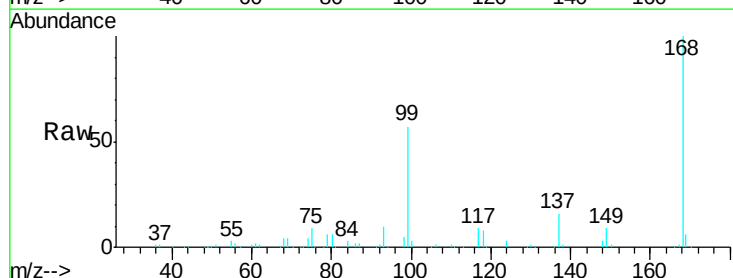
Instrument :
MSVOA_Y
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VY1118SBL01

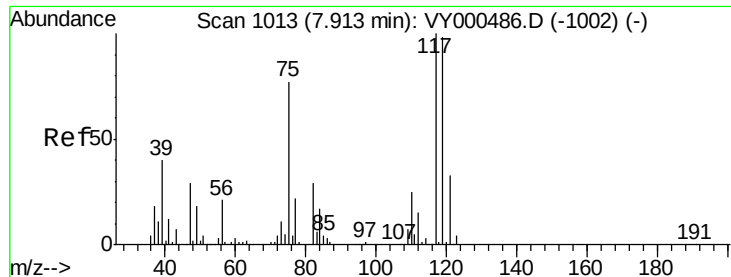
Tgt Ion:113 Resp: 111003
Ion Ratio Lower Upper
113 100
111 103.6 81.7 122.5
192 18.7 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.554 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY000719.D
Acq: 18 Nov 2019 12:11

Tgt Ion: 75 Resp: 19789
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.710 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1118SBL01

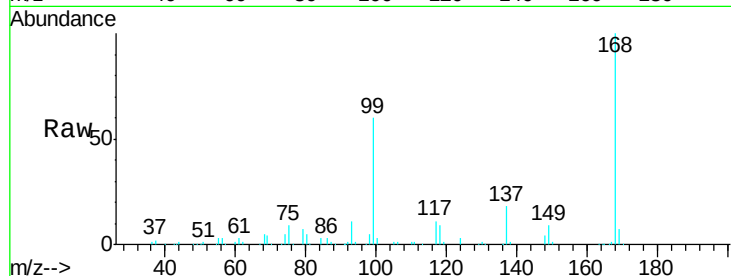
Tgt Ion:117 Resp: 23004

Ion Ratio Lower Upper

117 100

119 4.9 78.0 117.0#

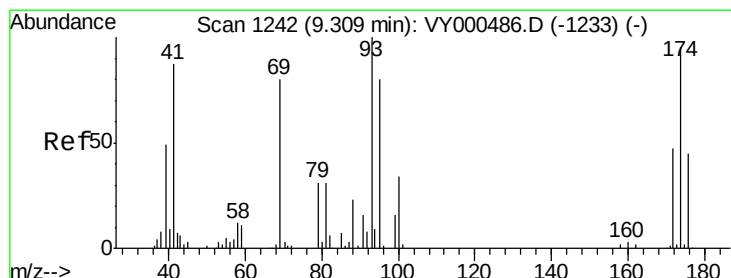
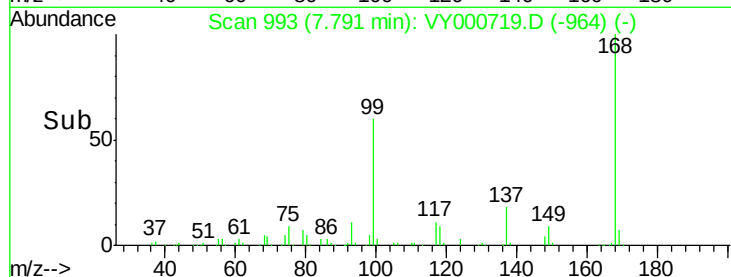
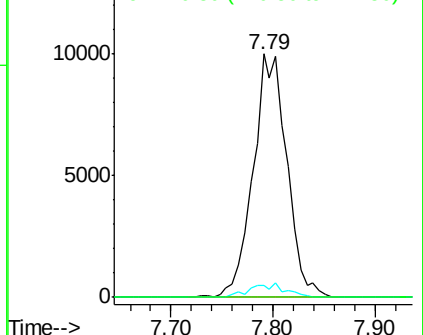
121 0.0 26.6 40.0#



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: 1.944 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. -0.07 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

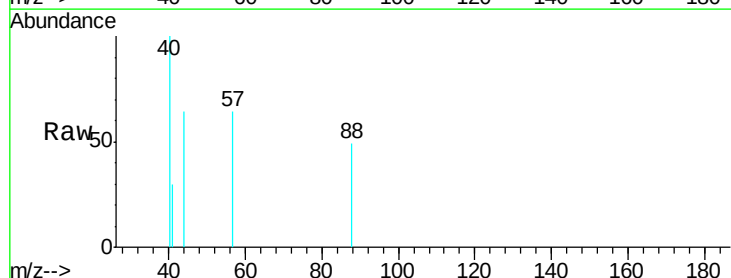
Tgt Ion: 88 Resp: 37

Ion Ratio Lower Upper

88 100

43 89.2 25.1 37.7#

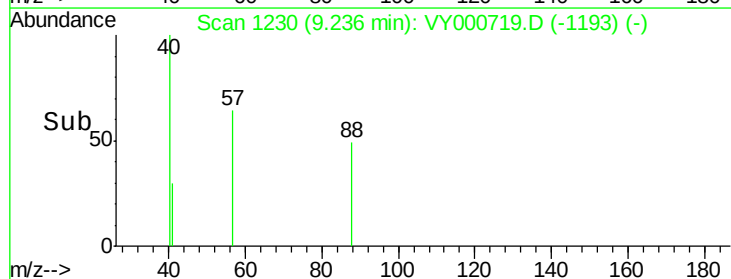
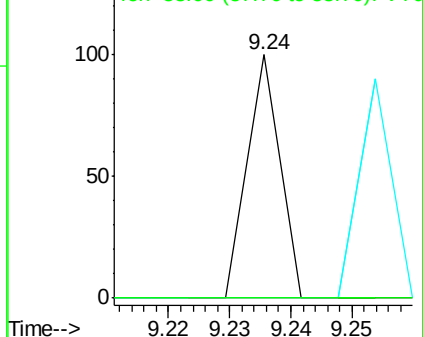
58 0.0 50.6 75.8#

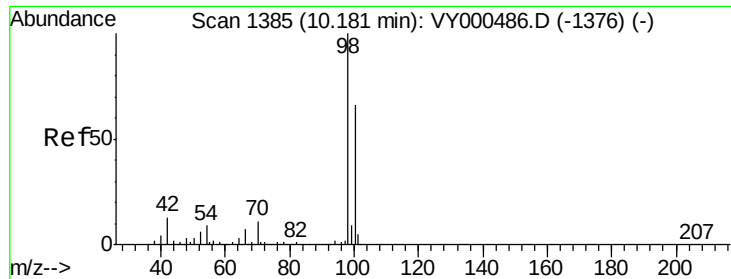


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 52.794 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

Instrument :

MSVOA_Y

ClientSampleId :

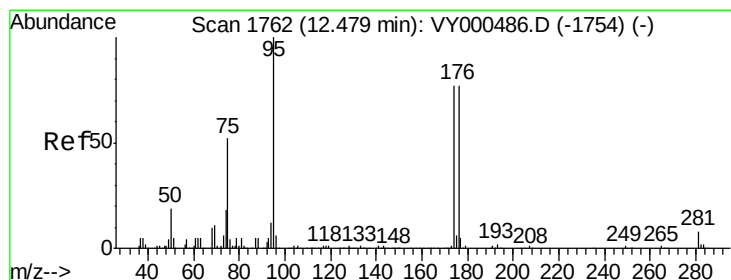
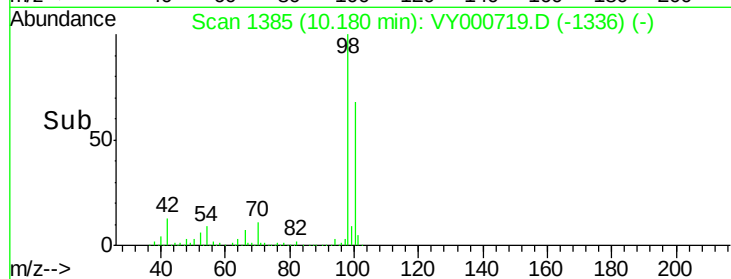
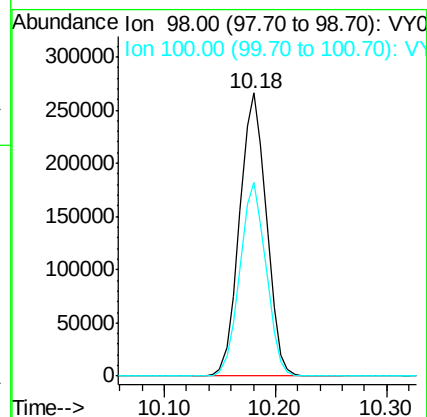
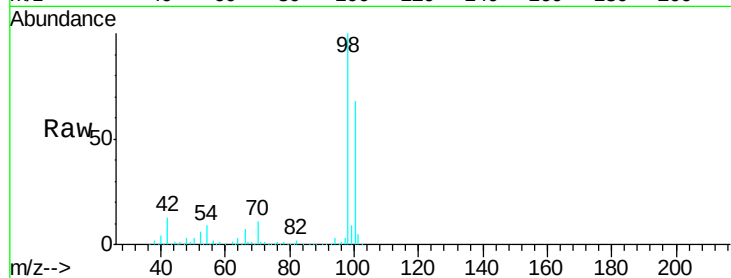
VY1118SBL01

Tgt Ion: 98 Resp: 443264

Ion Ratio Lower Upper

98 100

100 67.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.502 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

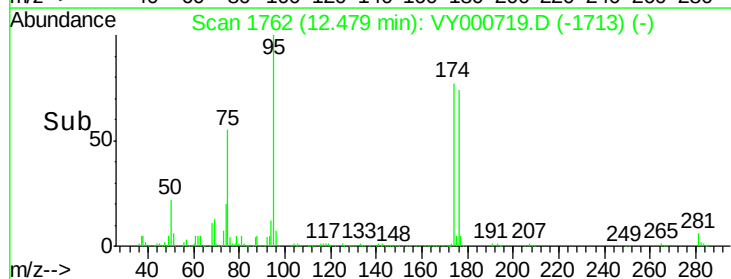
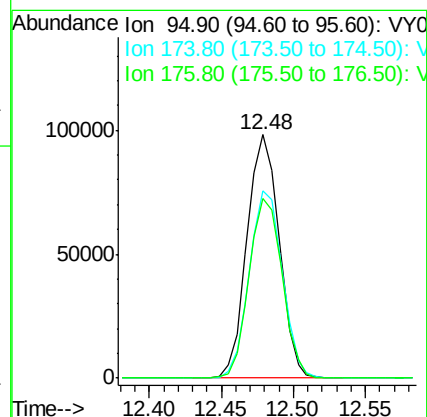
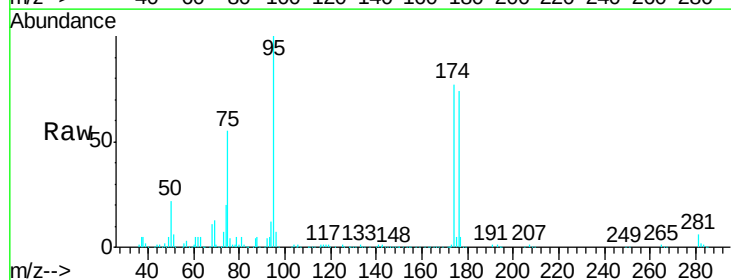
Tgt Ion: 95 Resp: 151832

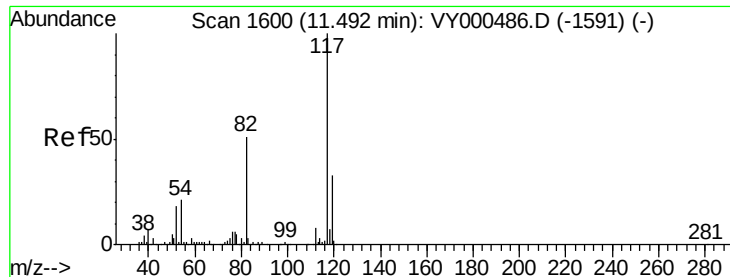
Ion Ratio Lower Upper

95 100

174 79.3 0.0 161.6

176 75.6 0.0 157.8

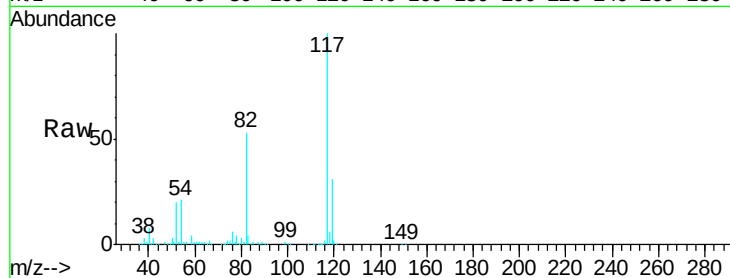




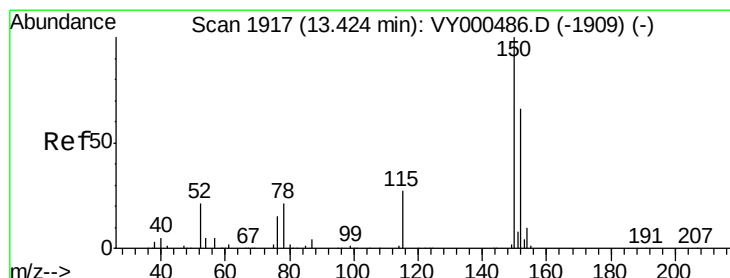
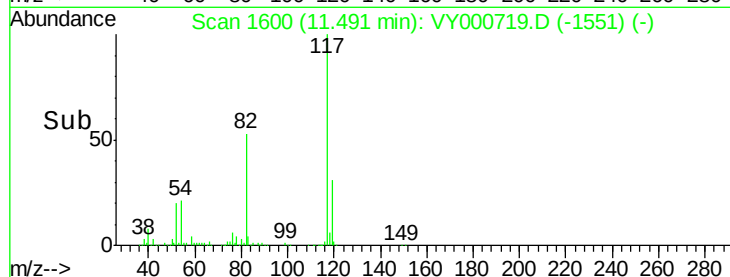
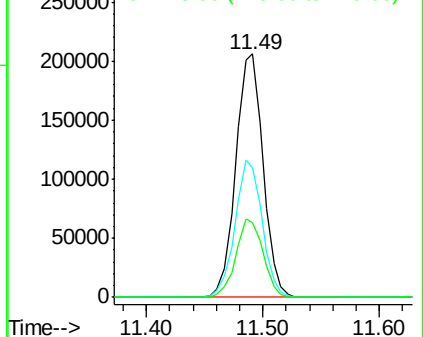
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000719.D
Acq: 18 Nov 2019 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1118SBL01

Tgt Ion:117 Resp: 336119
Ion Ratio Lower Upper
117 100
82 53.0 40.8 61.2
119 30.9 26.2 39.2

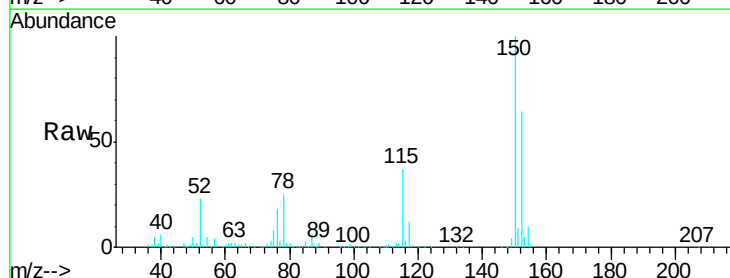


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

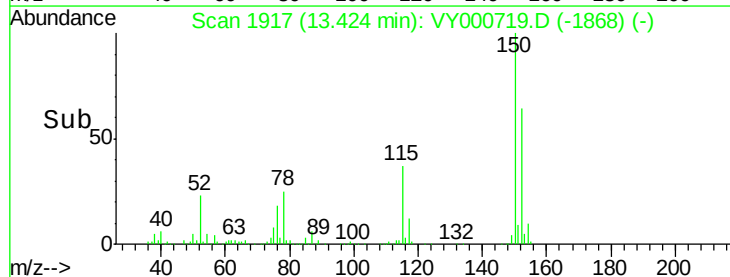
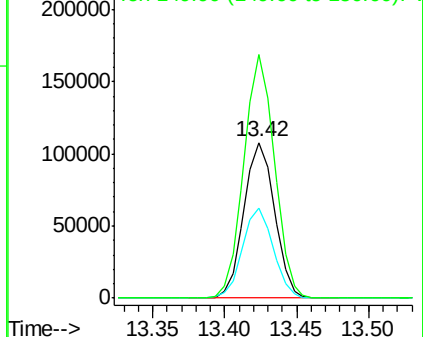


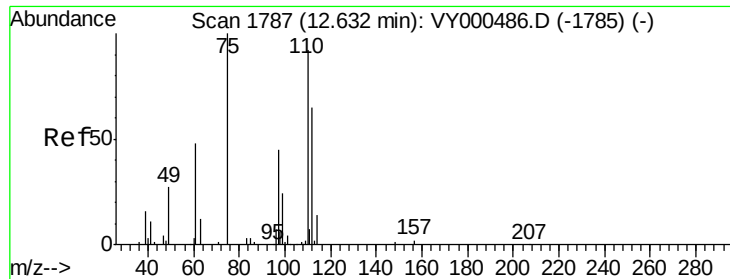
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000719.D
Acq: 18 Nov 2019 12:11

Tgt Ion:152 Resp: 159557
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 156.2 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: 46.075 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

Instrument :

MSVOA_Y

ClientSampleId :

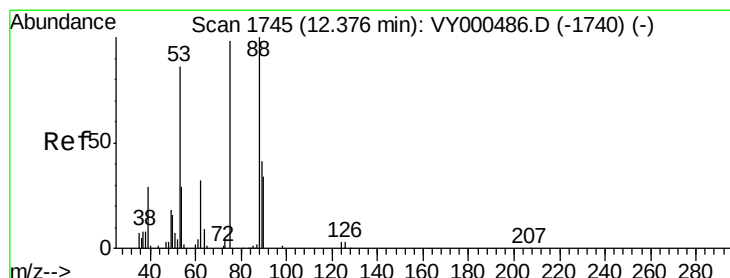
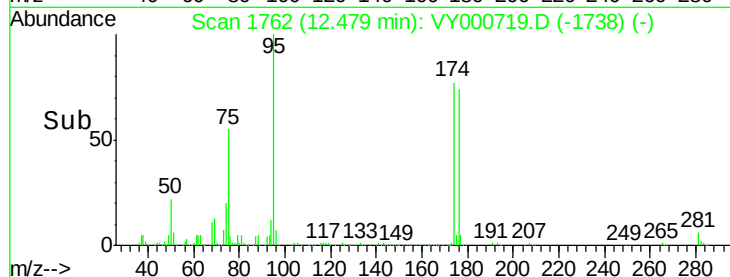
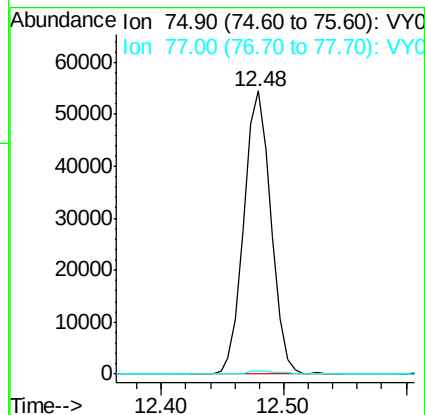
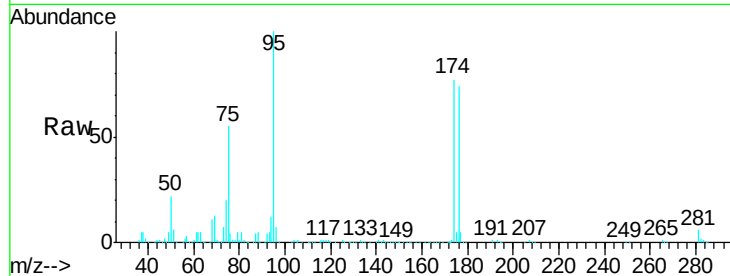
VY1118SBL01

Tgt Ion: 75 Resp: 83708

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.306 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000719.D

Acq: 18 Nov 2019 12:11

Tgt Ion: 75 Resp: 83708

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 35.9 53.9#

