

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000841.D
 Acq On : 03 Dec 2019 16:19
 Operator : SY/MD
 Sample : k6120-01
 Misc : 9.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 04 00:58:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

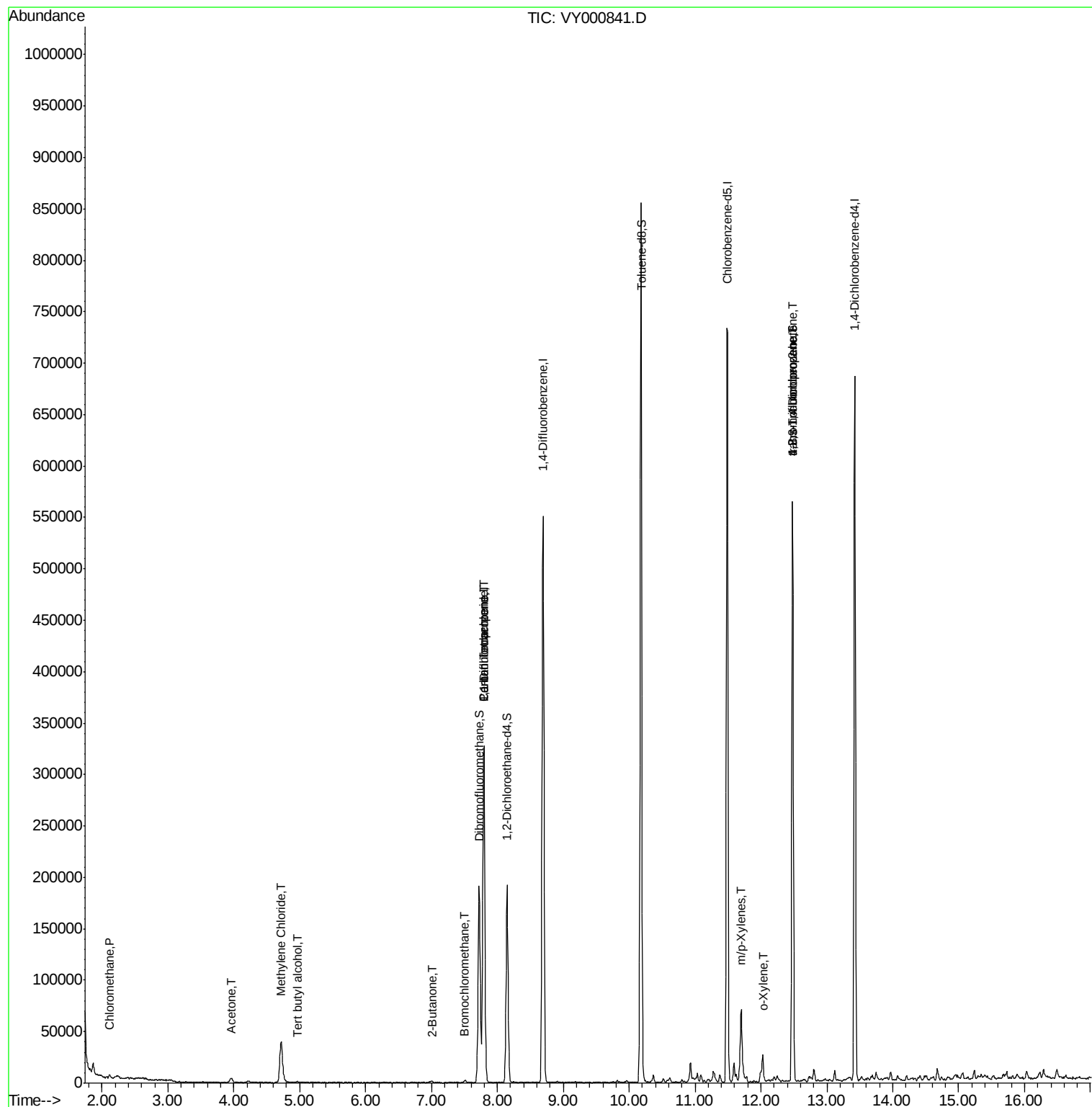
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	246362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	462911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	399691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	143911	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
35) Dibromofluoromethane	7.72	113	135967	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.18	98	544211	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.48	95	173429	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.11	50	3372	1.031	ug/l	98
5) Bromomethane	2.64	94	39	Below Cal	#	3
11) Tert butyl alcohol	4.96	59	490	1.860	ug/l #	74
16) Acetone	3.96	43	7700	12.822	ug/l	99
20) Methylene Chloride	4.72	84	28995	9.160	ug/l	95
25) 2-Butanone	7.01	43	1528	1.377	ug/l #	83
28) Bromochloromethane	7.50	49	56	2.043	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	20989	4.560	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24964	6.090	ug/l #	14
68) m/p-Xylenes	11.69	106	19102	3.289	ug/l	98
69) o-Xylene	12.03	106	5848	1.080	ug/l	93
76) 1,2,3-Trichloropropane	12.48	75	88318	48.486	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88318	95.241	ug/l #	18

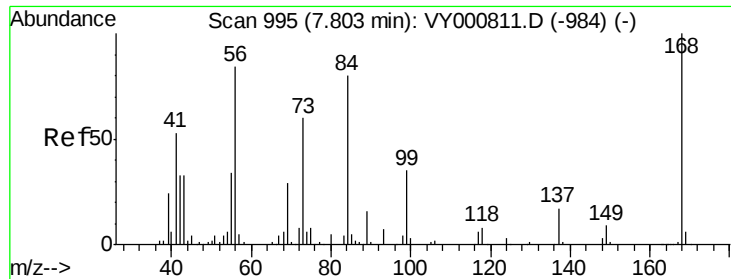
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
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Acq On : 03 Dec 2019 16:19
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Misc : 9.54G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 04 00:58:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 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: VY000841.D

Acq: 03 Dec 2019 16:19

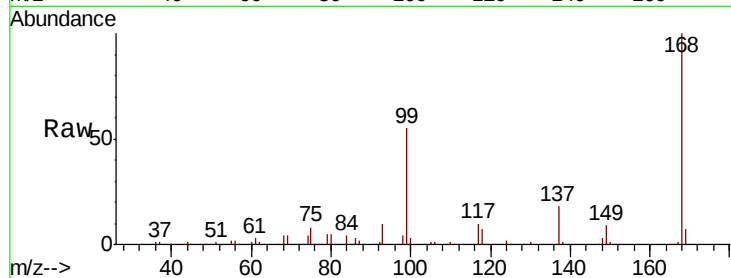
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 246362

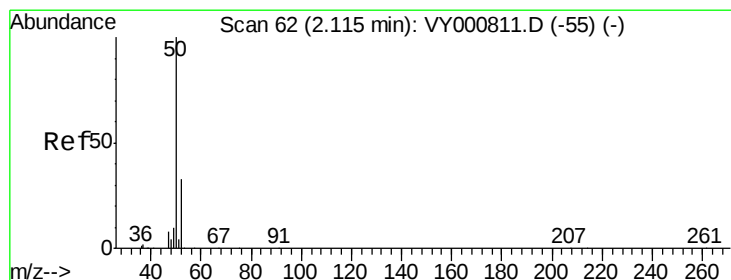
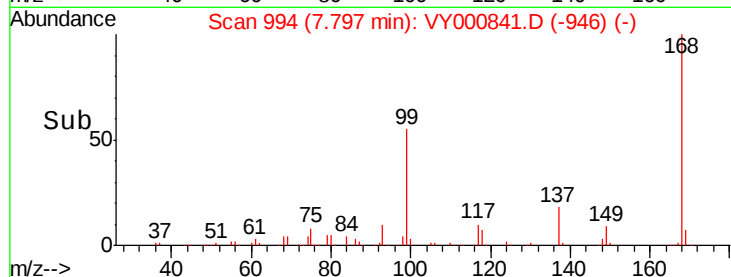
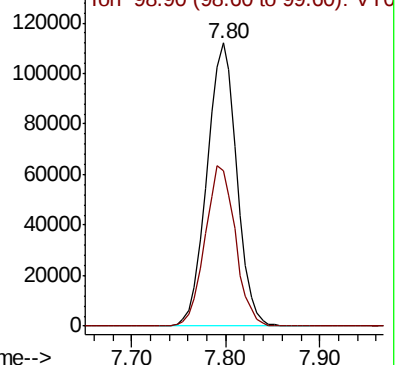
Ion Ratio Lower Upper

168 100

99 54.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000841.D (-984) (-)



#3

Chloromethane

Concen: 1.031 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000841.D

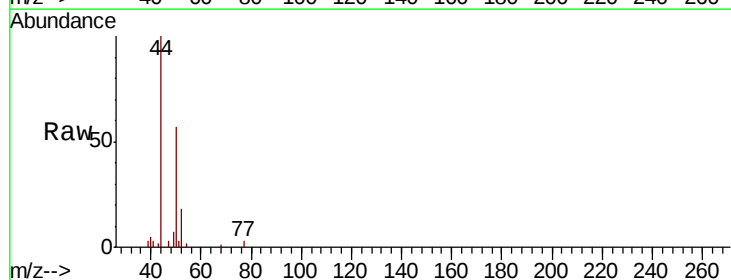
Acq: 03 Dec 2019 16:19

Tgt Ion: 50 Resp: 3372

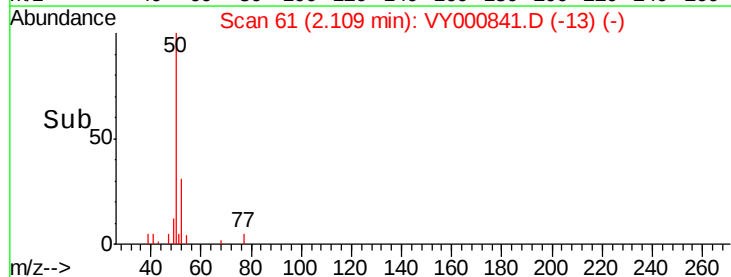
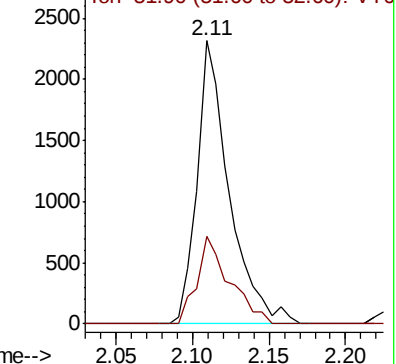
Ion Ratio Lower Upper

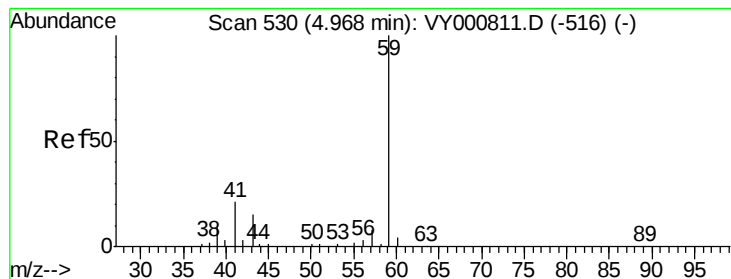
50 100

52 31.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VY000841.D (-13) (-)



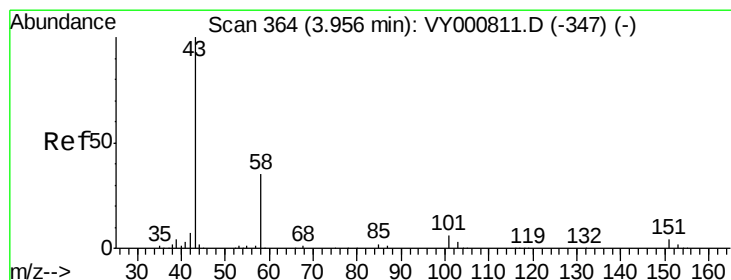
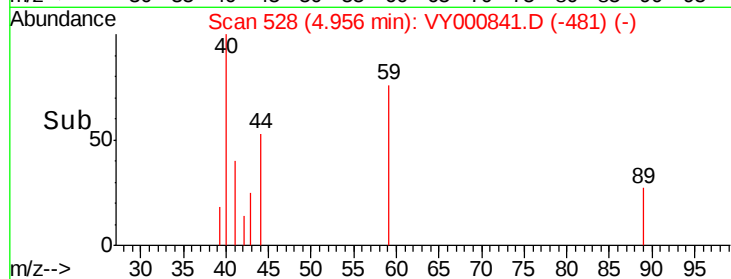
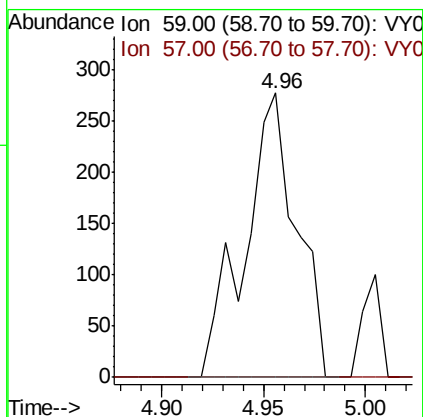
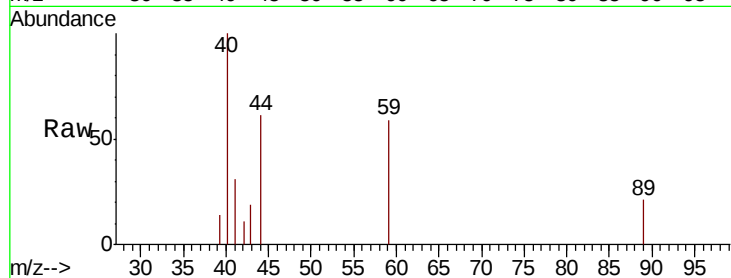


#11

Tert butyl alcohol
 Concen: 1.860 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000841.D
 Acq: 03 Dec 2019 16:19

Instrument :
 MSVOA_Y
 ClientSampled :

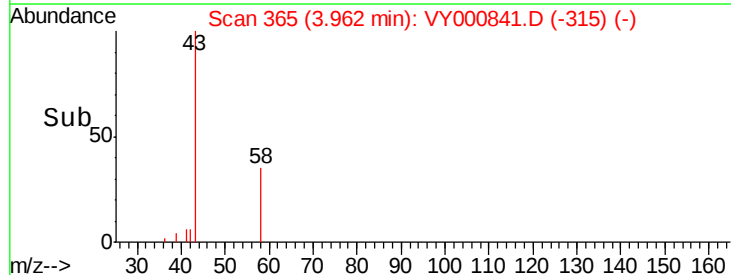
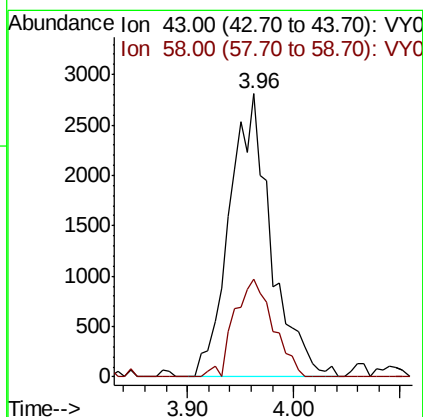
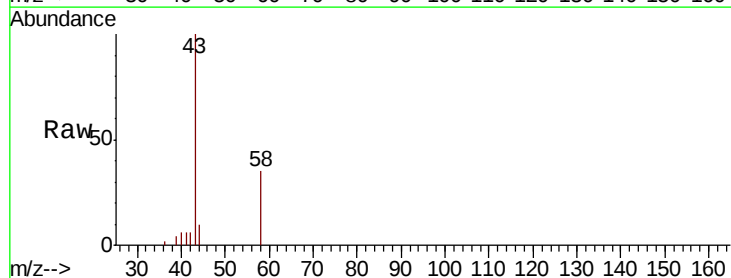
Tot Ion: 59 Resp: 490
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

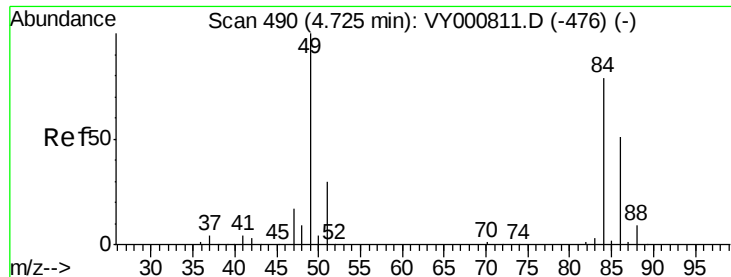


#16

Acetone
 Concen: 12.822 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000841.D
 Acq: 03 Dec 2019 16:19

Tgt Ion: 43 Resp: 7700
 Ion Ratio Lower Upper
 43 100
 58 34.6 28.0 42.0

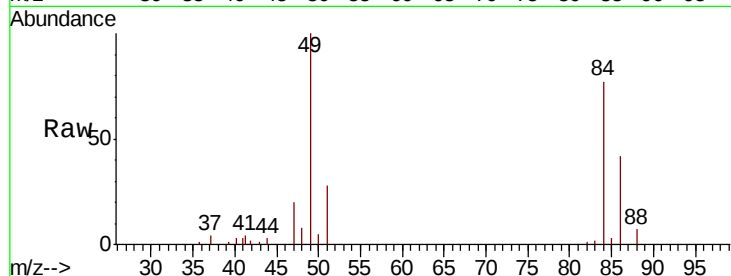




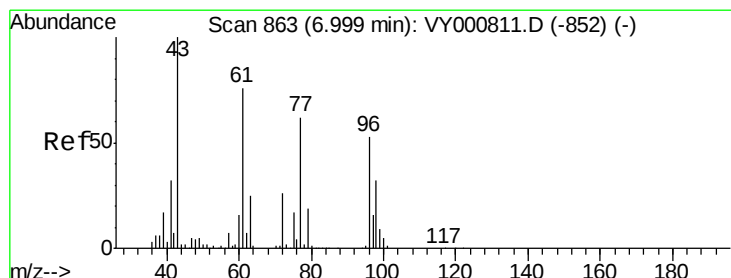
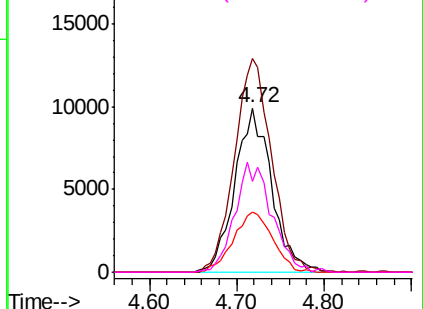
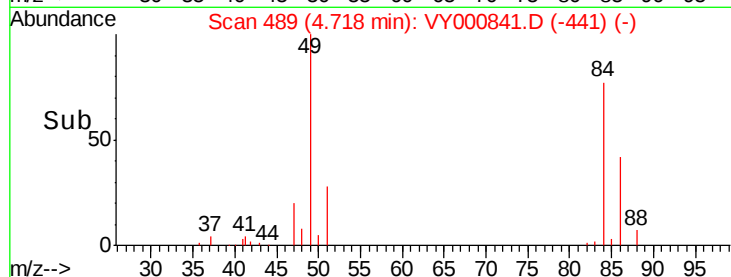
#20
Methvlene Chloride
Concen: 9.160 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000841.D
Acq: 03 Dec 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 28995
Ion Ratio Lower Upper
84 100
49 130.3 101.3 151.9
51 37.0 30.6 45.8
86 55.1 51.3 76.9

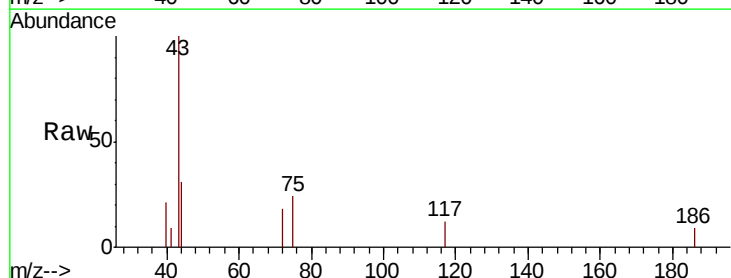


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

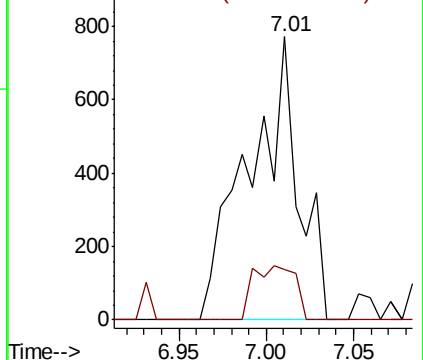
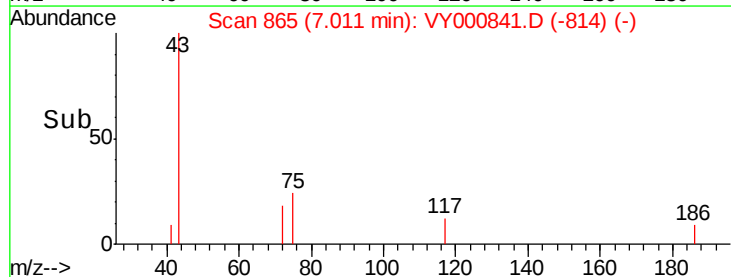


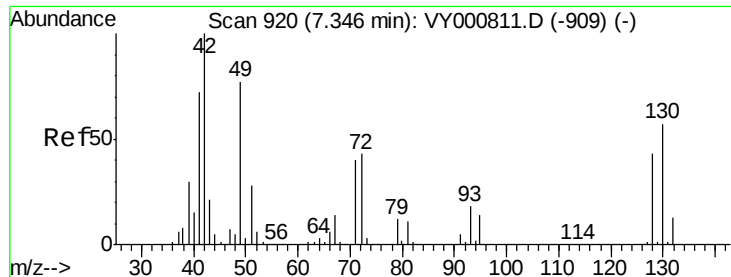
#25
2-Butanone
Concen: 1.377 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY000841.D
Acq: 03 Dec 2019 16:19

Tgt Ion: 43 Resp: 1528
Ion Ratio Lower Upper
43 100
72 17.7 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0





#28

Bromochloromethane

Concen: 2.043 ug/l

RT: 7.50 min Scan# 945

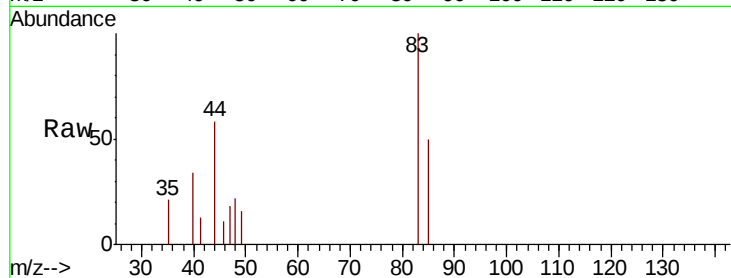
Delta R.T. 0.15 min

Lab File: VY000841.D

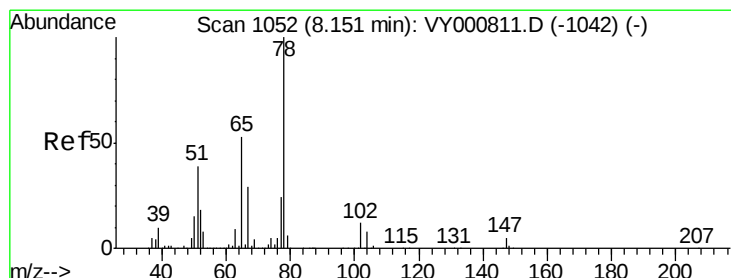
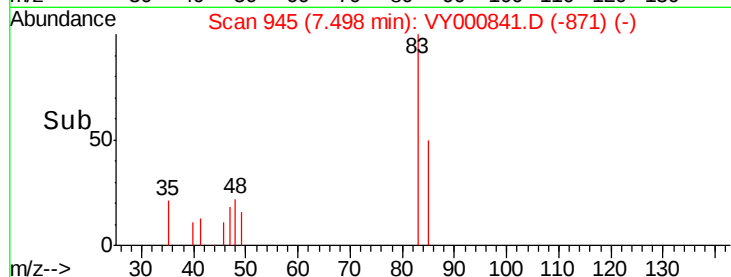
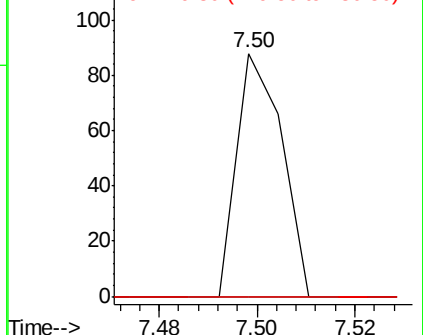
Acq: 03 Dec 2019 16:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 49 Resp: 56
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#



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



#33

1,2-Dichloroethane-d4

Concen: 54.974 ug/l

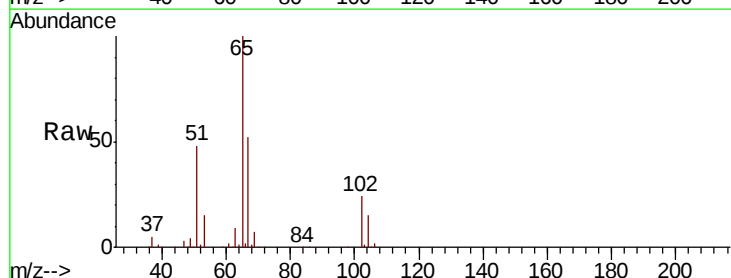
RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

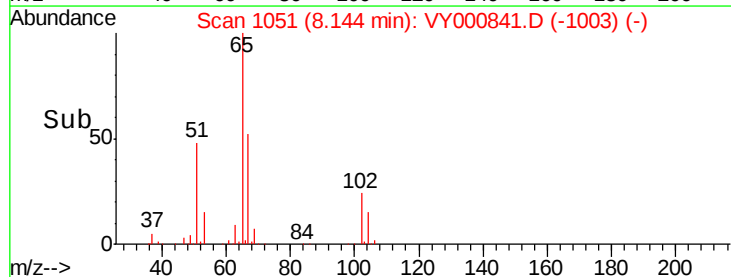
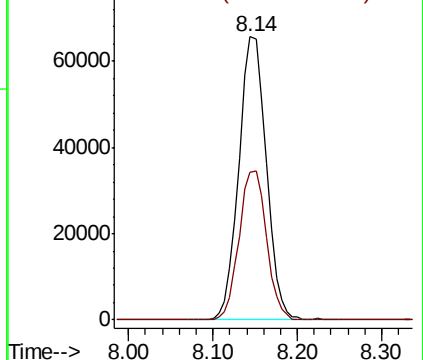
Lab File: VY000841.D

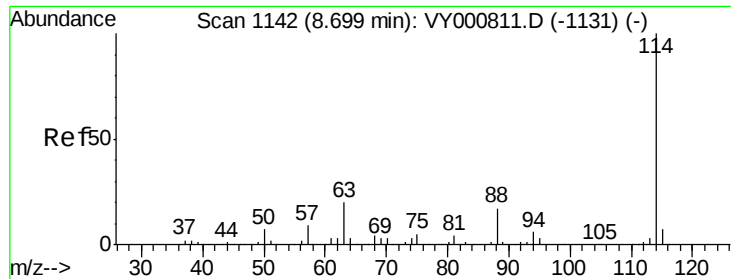
Acq: 03 Dec 2019 16:19

Tgt Ion: 65 Resp: 143911
Ion Ratio Lower Upper
65 100
67 52.7 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

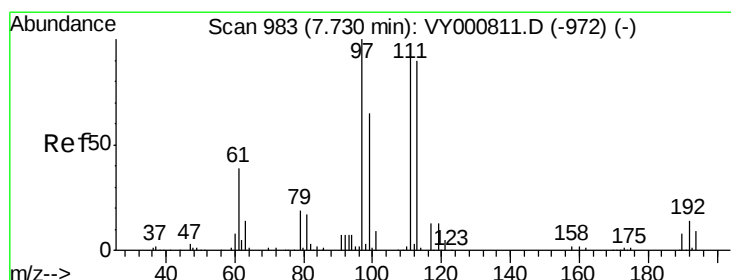
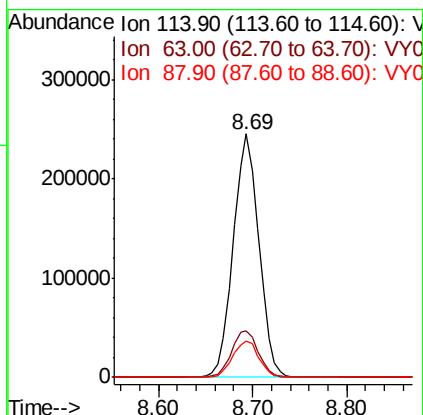
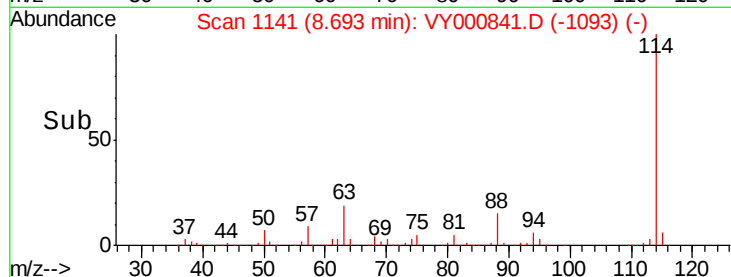
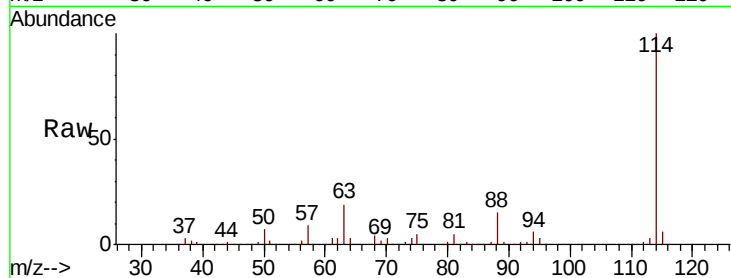




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000841.D
Acq: 03 Dec 2019 16:19

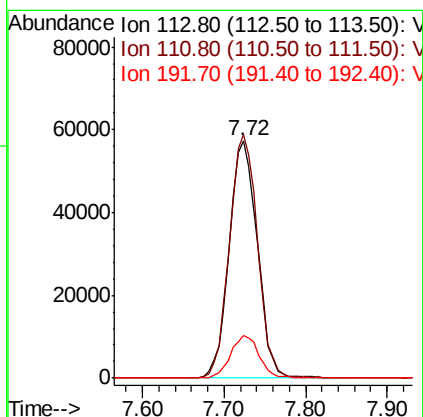
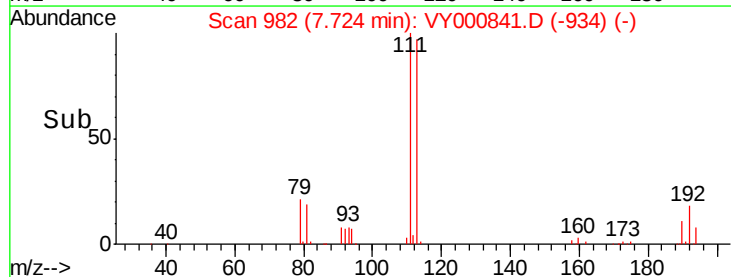
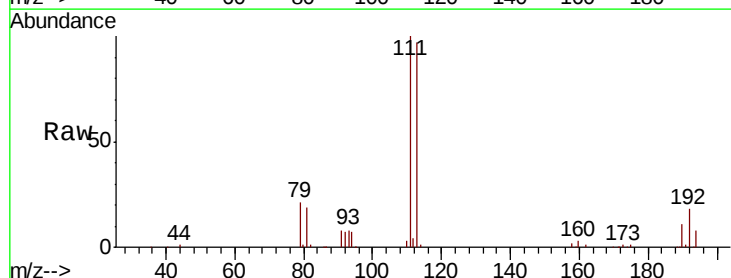
Instrument :
MSVOA_Y
ClientSampleId :

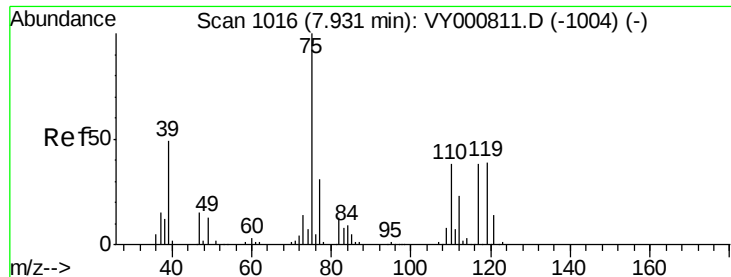
Tot Ion:114 Resp: 462911
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.8
88 14.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.398 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000841.D
Acq: 03 Dec 2019 16:19

Tgt Ion:113 Resp: 135967
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 17.8 14.2 21.2

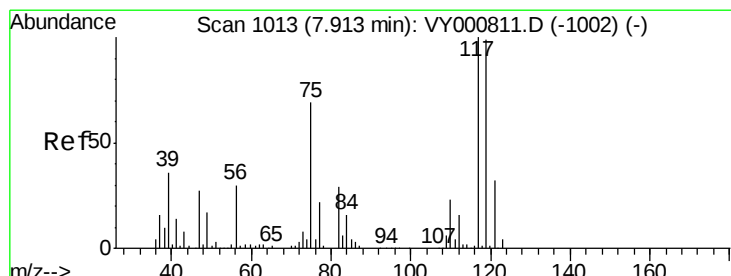
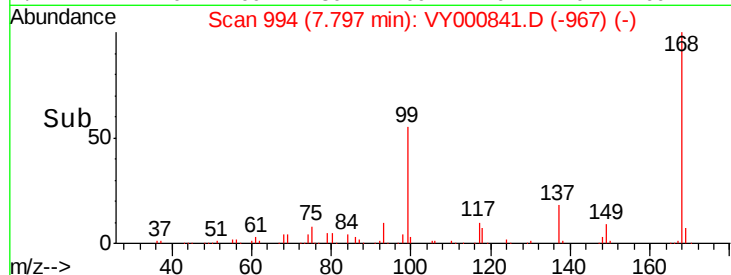
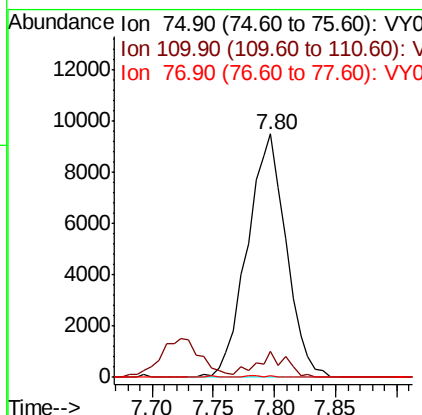
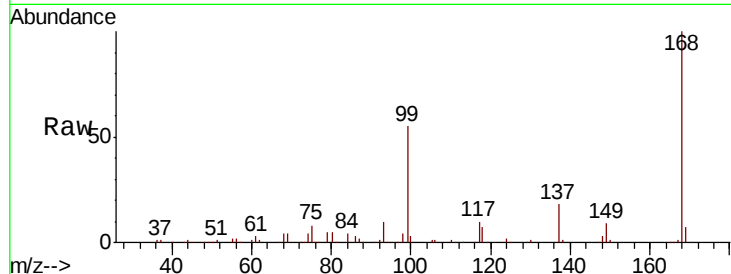




#36
 1,1-Dichloropropene
 Concen: 4.560 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000841.D
 Acq: 03 Dec 2019 16:19

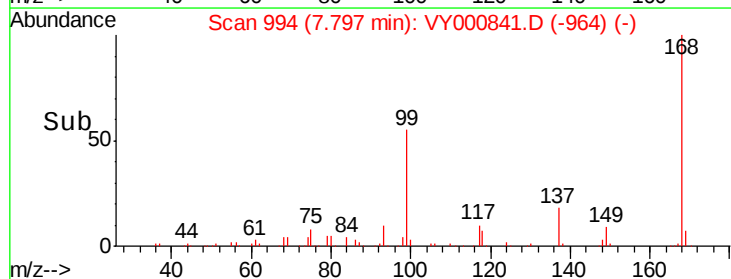
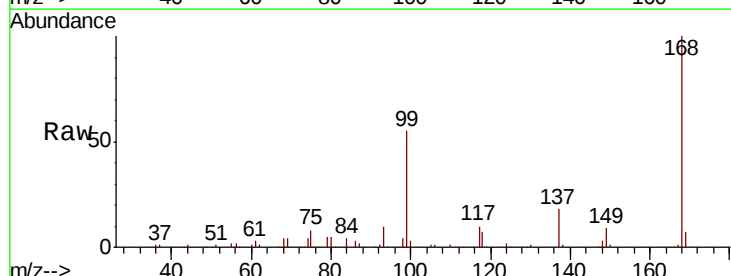
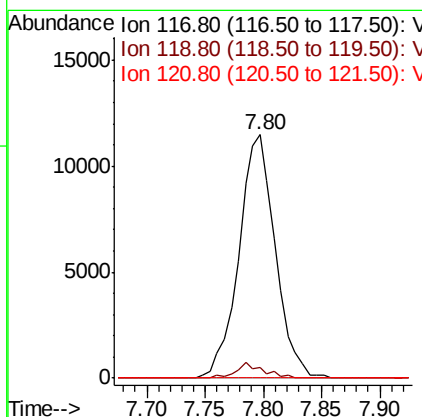
Instrument :
 MSVOA_Y
 ClientSampleId :

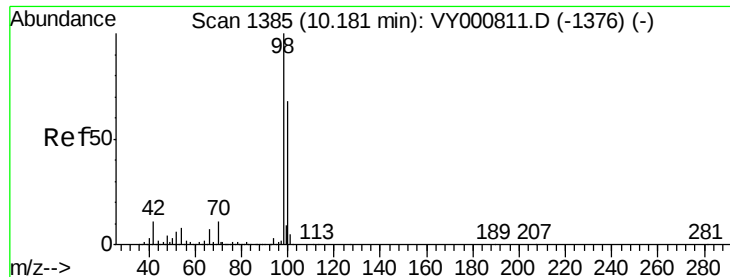
Tot Ion	75	Resp	20989
Ion Ratio	Lower	Upper	
75	100		
110	8.1	17.9	53.7#
77	0.4	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.090 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000841.D
 Acq: 03 Dec 2019 16:19

Tgt Ion	117	Resp	24964
Ion Ratio	Lower	Upper	
117	100		
119	4.6	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 50.456 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000841.D

Acq: 03 Dec 2019 16:19

Instrument :

MSVOA_Y

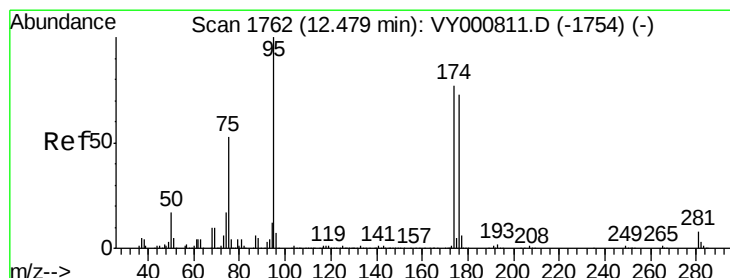
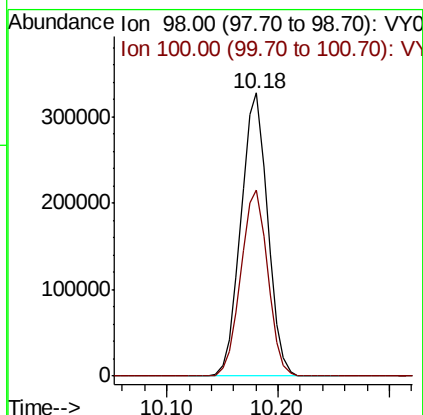
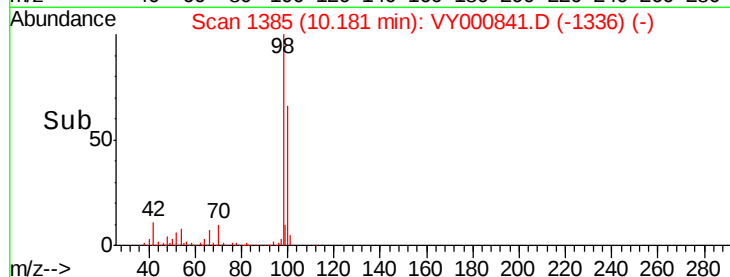
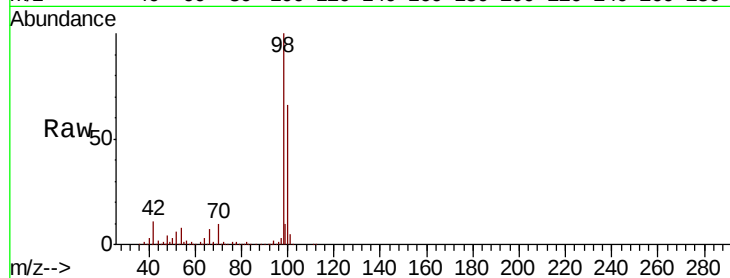
ClientSampleId :

Tot Ion: 98 Resp: 544211

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.815 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000841.D

Acq: 03 Dec 2019 16:19

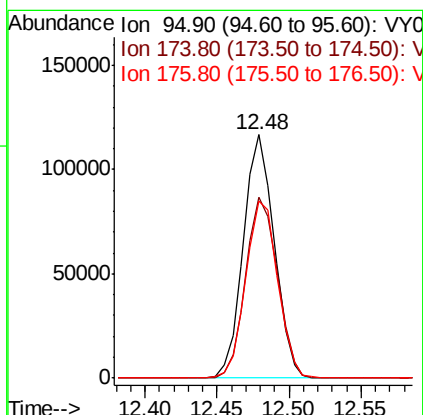
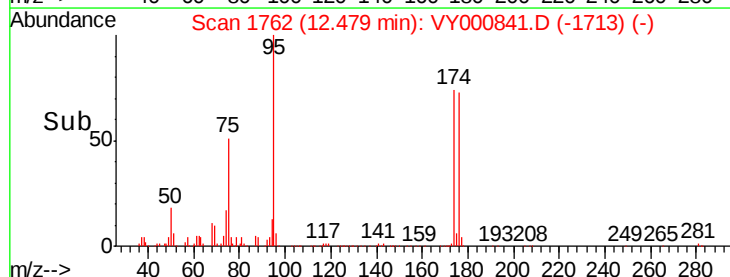
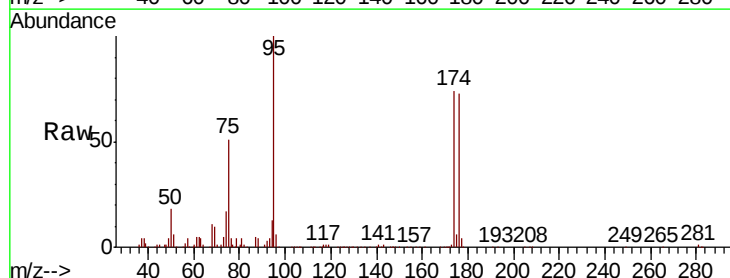
Tgt Ion: 95 Resp: 173429

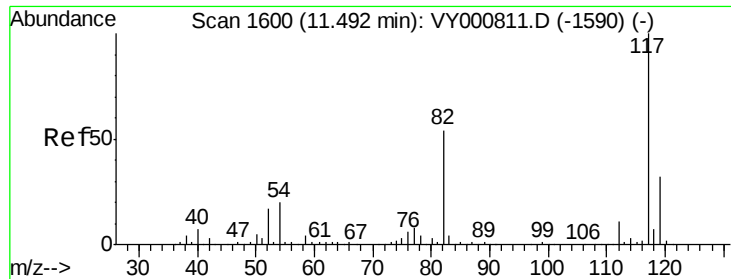
Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

176 75.3 0.0 145.2

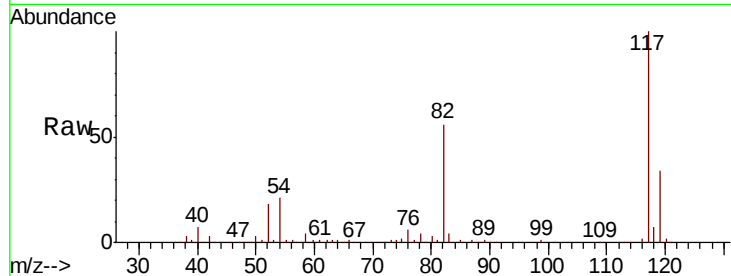




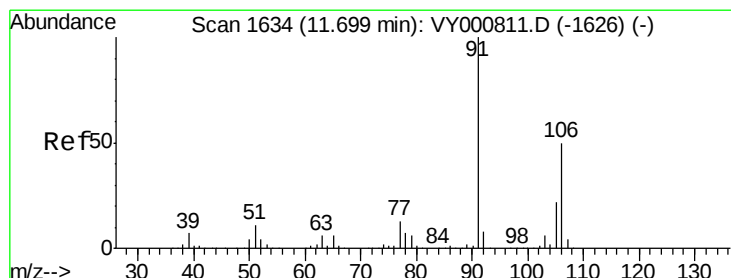
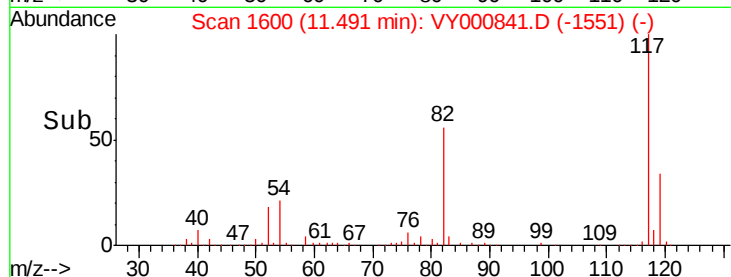
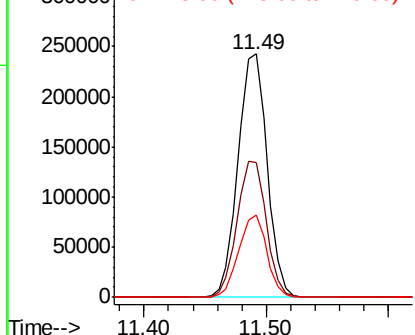
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000841.D
Acq: 03 Dec 2019 16:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 399691
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 33.6 25.3 37.9

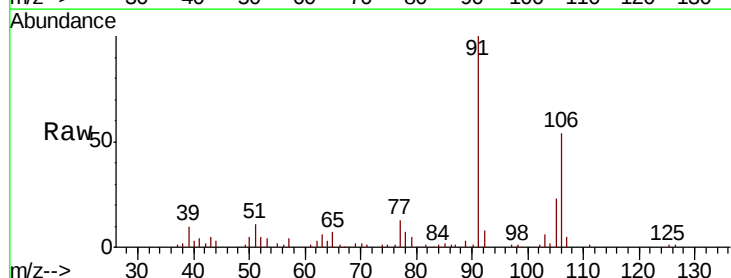


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

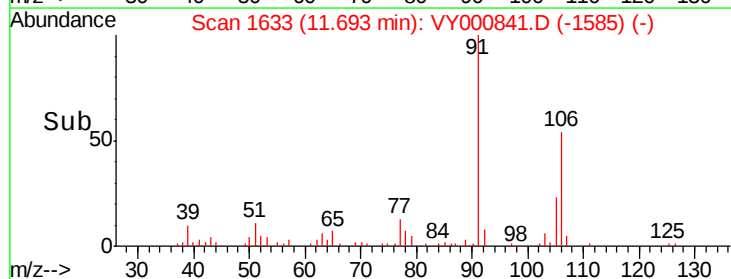
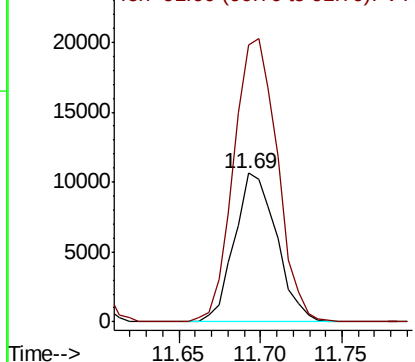


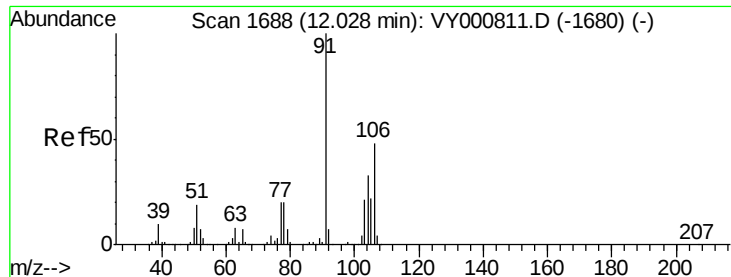
#68
m/p-Xylenes
Concen: 3.289 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000841.D
Acq: 03 Dec 2019 16:19

Tgt Ion:106 Resp: 19102
Ion Ratio Lower Upper
106 100
91 197.1 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

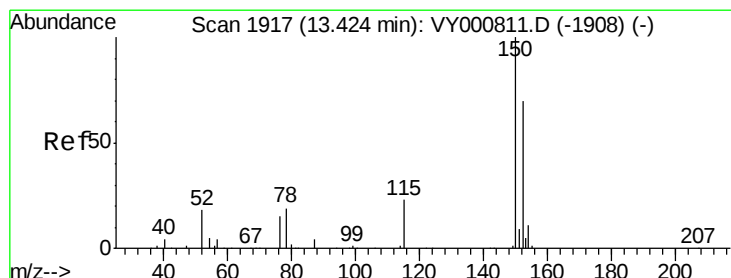
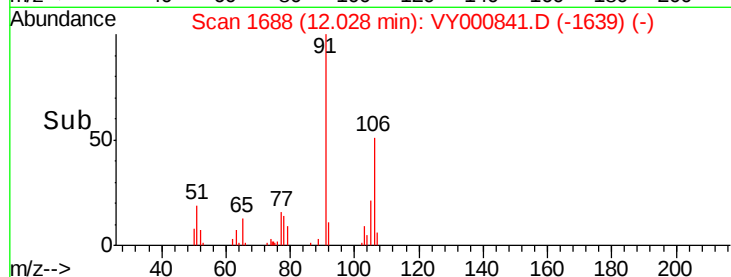
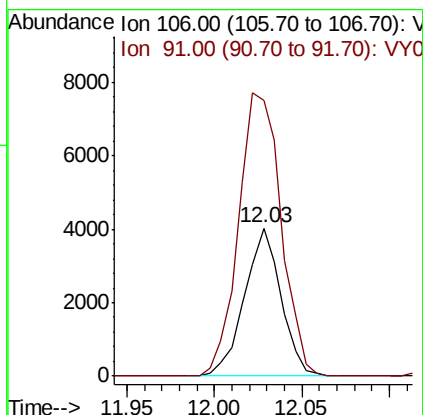
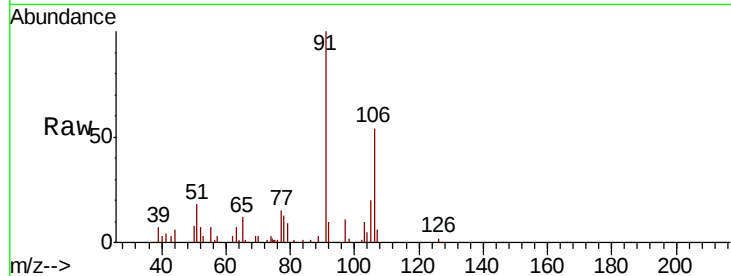




#69
o-Xylene
Concen: 1.080 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000841.D
Acq: 03 Dec 2019 16:19

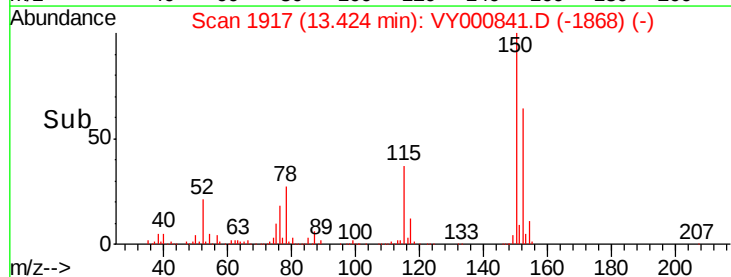
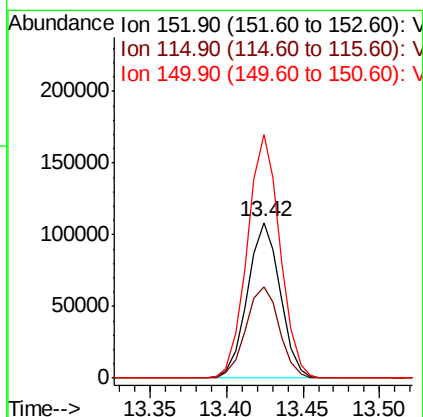
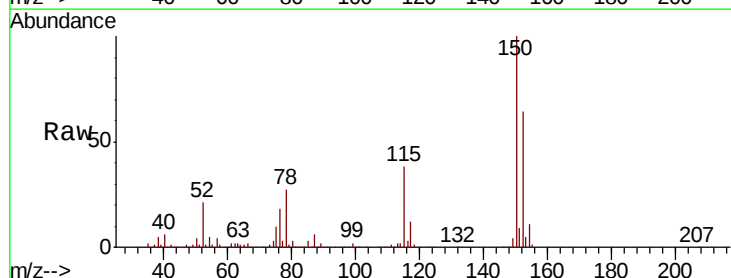
Instrument :
MSVOA_Y
ClientSampled :

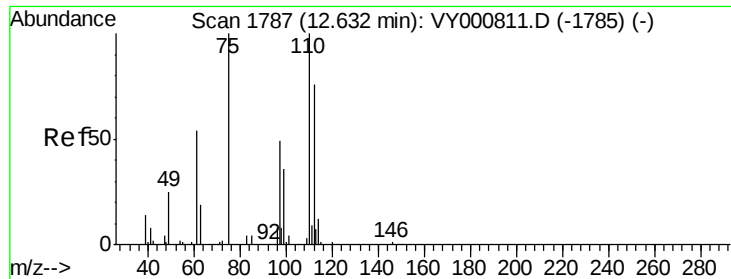
Tot Ion:106 Resp: 5848
Ion Ratio Lower Upper
106 100
91 222.8 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000841.D
Acq: 03 Dec 2019 16:19

Tgt Ion:152 Resp: 160770
Ion Ratio Lower Upper
152 100
115 60.3 29.3 87.8
150 156.9 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 48.486 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000841.D

Acq: 03 Dec 2019 16:19

Instrument :

MSVOA_Y

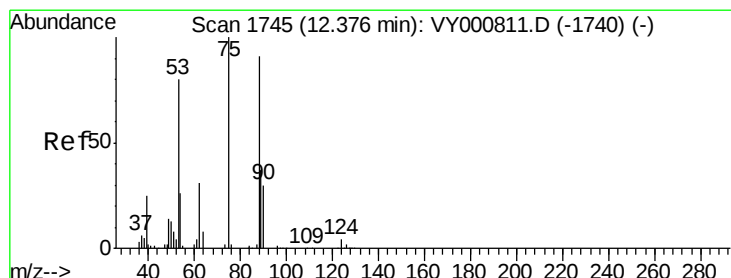
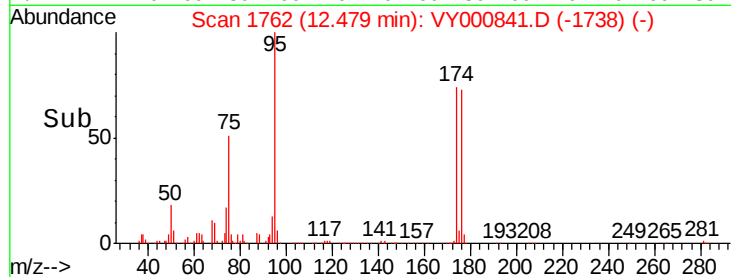
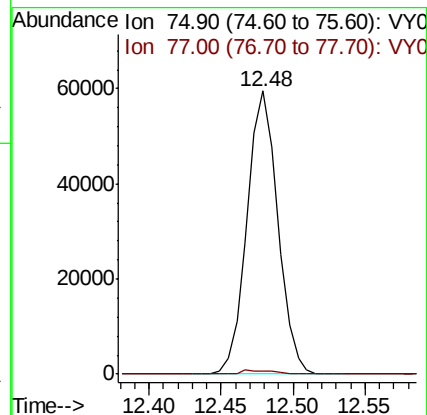
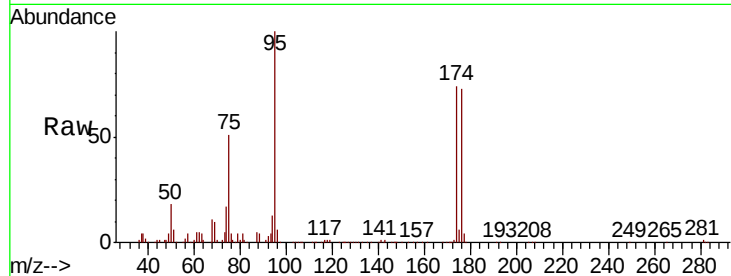
ClientSampleId :

Tot Ion: 75 Resp: 88318

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.241 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000841.D

Acq: 03 Dec 2019 16:19

Tgt Ion: 75 Resp: 88318

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 33.6 50.4#

