

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000839.D
 Acq On : 03 Dec 2019 13:31
 Operator : SY/MD
 Sample : K6100-01
 Misc : 6.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 04 00:57:37 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	257663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	481820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	187055	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	156140	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
35) Dibromofluoromethane	7.72	113	141780	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.18	98	572502	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.48	95	191353	45.39	ug/l	0.00
Spiked Amount			Recovery	=	90.78%	

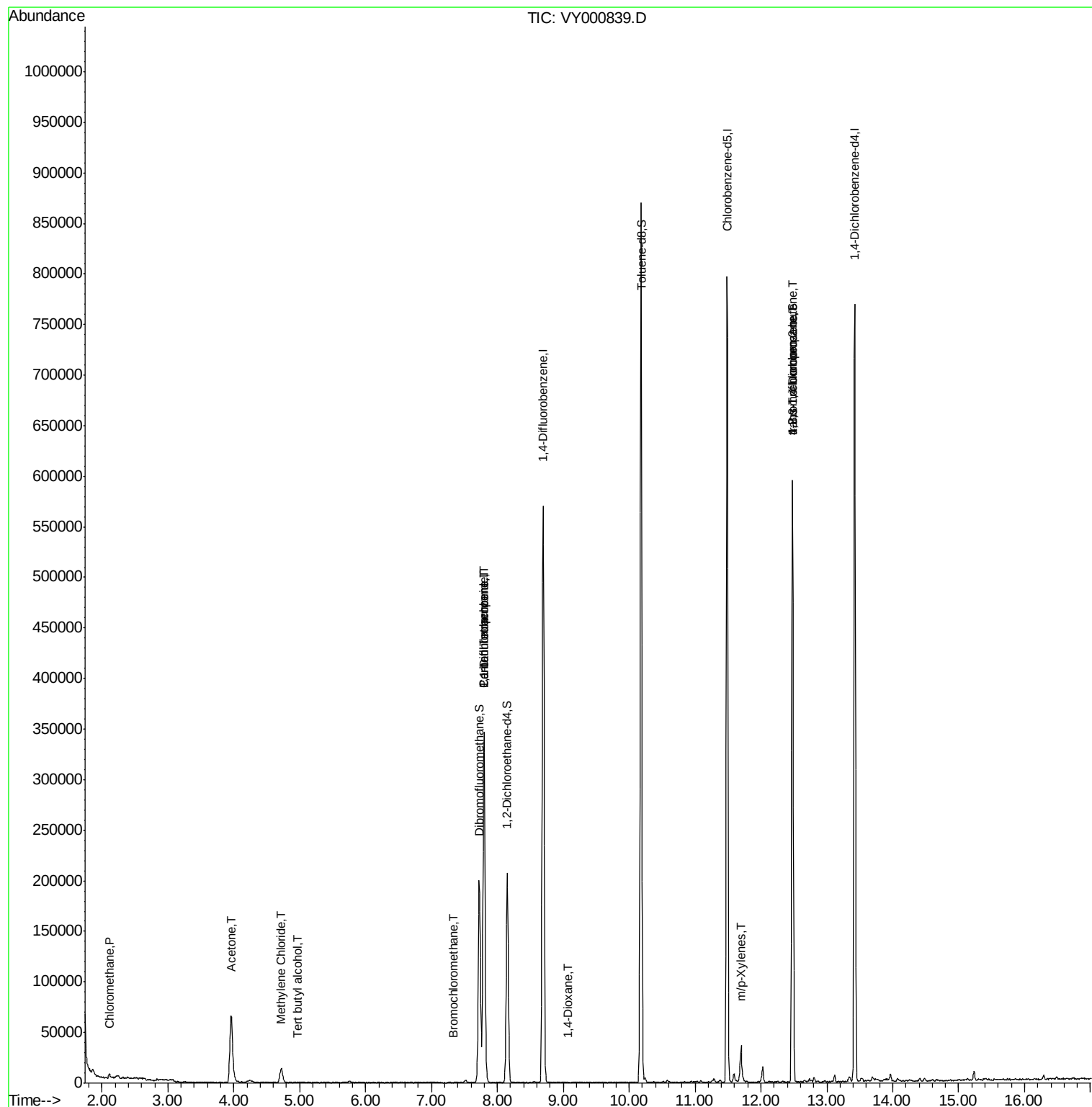
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	3748	1.096	ug/l #	88
5) Bromomethane	2.64	94	129	Below Cal	#	3
11) Tert butyl alcohol	4.97	59	286	1.038	ug/l #	74
16) Acetone	3.96	43	121933	194.140	ug/l	98
20) Methylene Chloride	4.71	84	10013	3.024	ug/l	98
28) Bromochloromethane	7.35	49	84	2.056	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	21074	4.399	ug/l #	48
38) Carbon Tetrachloride	7.80	117	26345	6.175	ug/l #	14
49) 1,4-Dioxane	9.06	88	86	3.314	ug/l #	27
68) m/p-Xylenes	11.70	106	10460	1.709	ug/l	98
76) 1,2,3-Trichloropropane	12.48	75	98058	46.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	98058	90.885	ug/l #	17

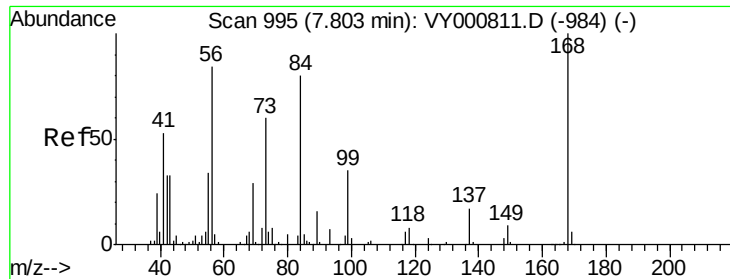
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
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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: VY000839.D

Acq: 03 Dec 2019 13:31

Instrument :

MSVOA_Y

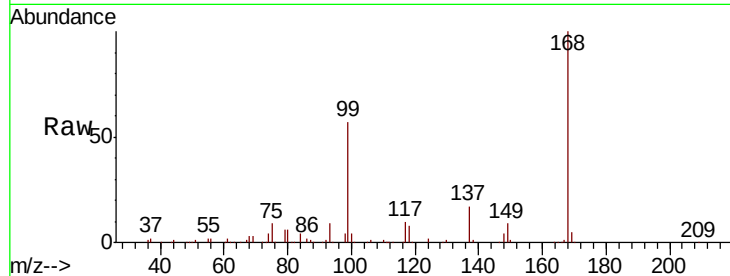
ClientSampleId :

Tot Ion:168 Resp: 257663

Ion Ratio Lower Upper

168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

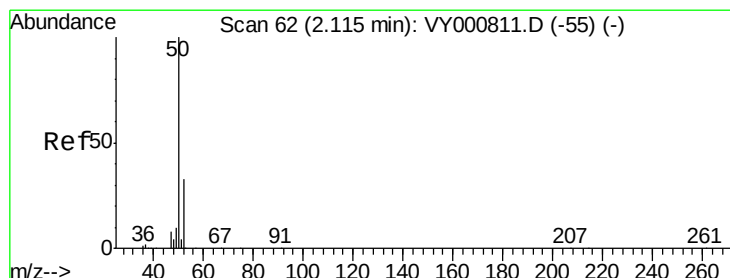
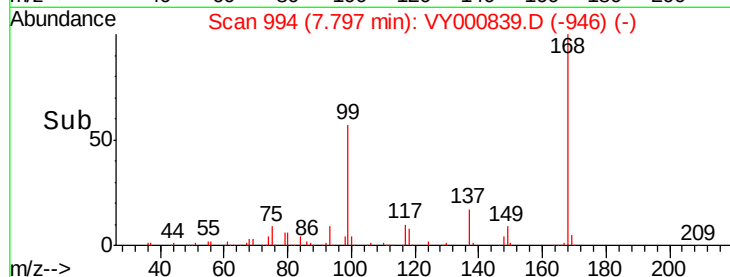
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.096 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000839.D

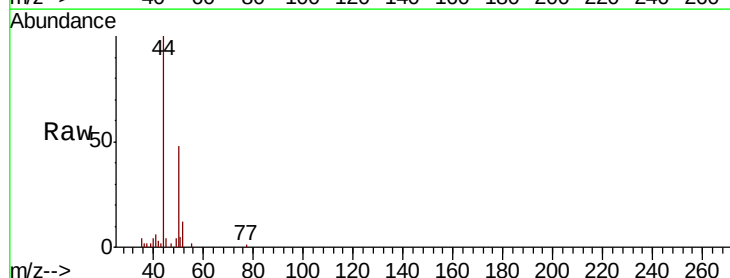
Acq: 03 Dec 2019 13:31

Tgt Ion: 50 Resp: 3748

Ion Ratio Lower Upper

50 100

52 25.7 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VY000811.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY000811.D (-55) (-)

2.12

2500

2000

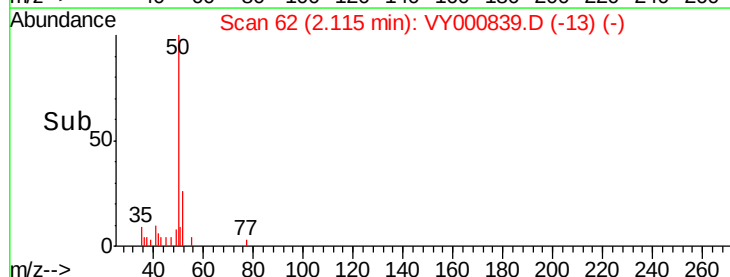
1500

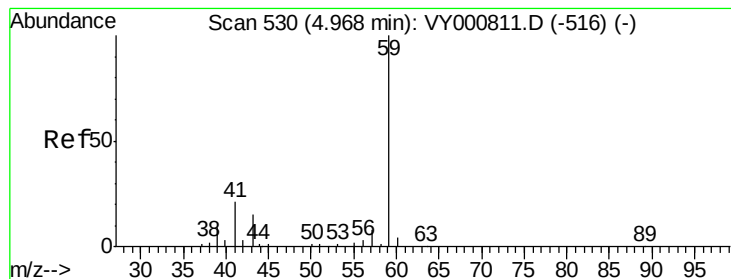
1000

500

0

Time-->



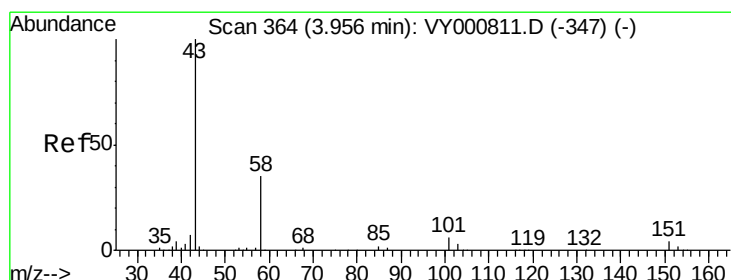
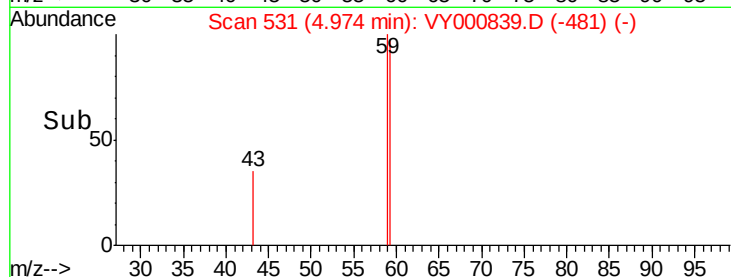
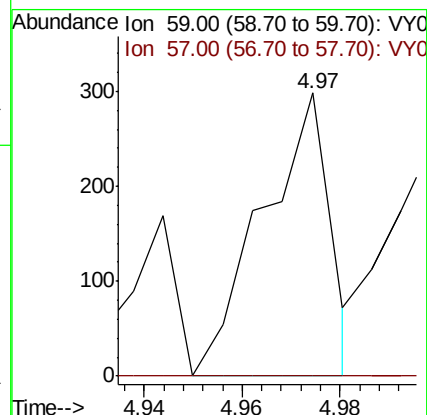
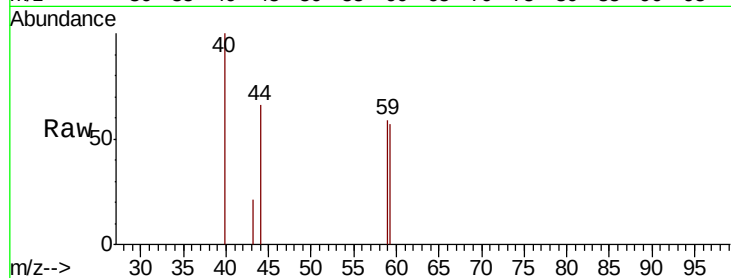


#11

Tert butyl alcohol
 Concen: 1.038 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000839.D
 Acq: 03 Dec 2019 13:31

Instrument :
 MSVOA_Y
 ClientSampled :

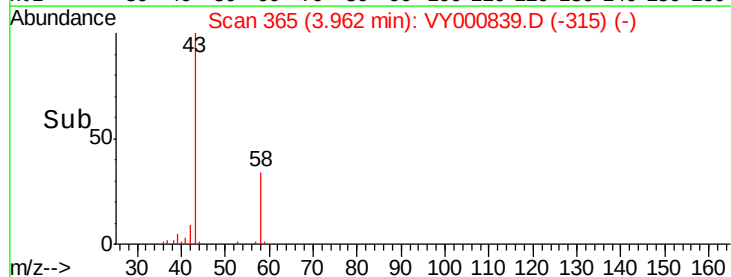
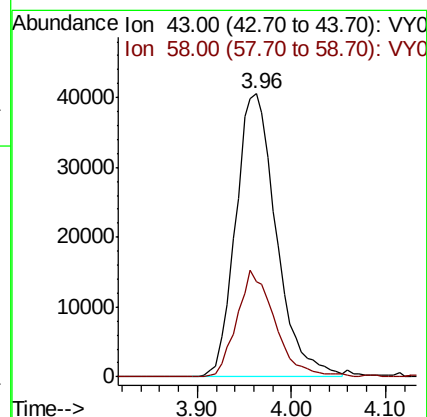
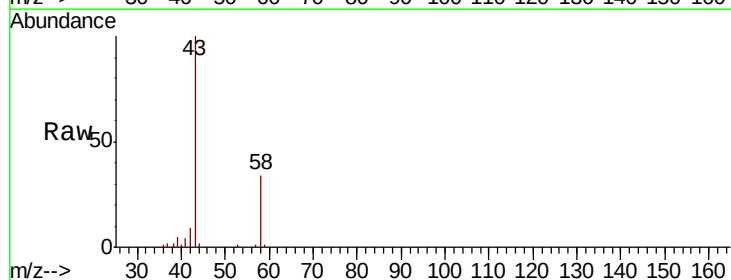
Tot Ion: 59 Resp: 286
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

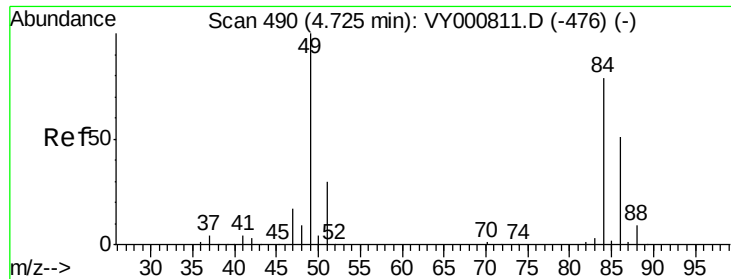


#16

Acetone
 Concen: 194.140 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000839.D
 Acq: 03 Dec 2019 13:31

Tgt Ion: 43 Resp: 121933
 Ion Ratio Lower Upper
 43 100
 58 33.8 28.0 42.0

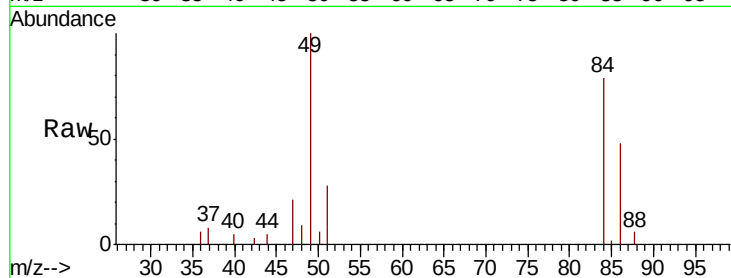




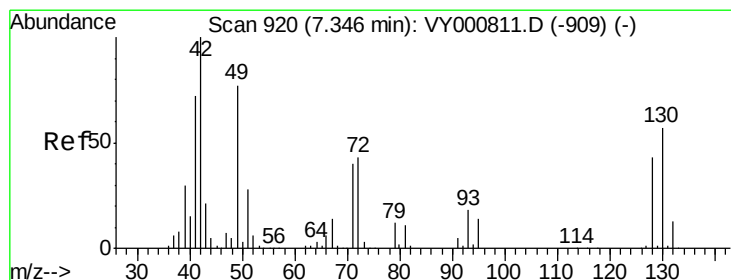
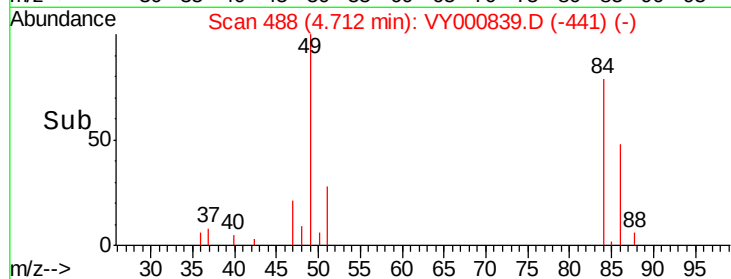
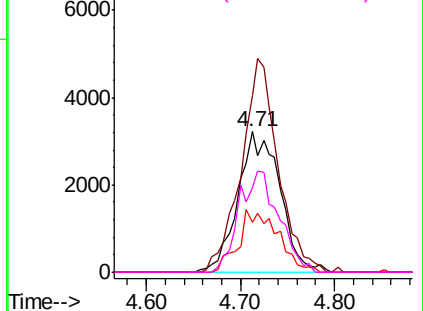
#20
Methylene Chloride
Concen: 3.024 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 10013
Ion Ratio Lower Upper
84 100
49 126.4 101.3 151.9
51 35.3 30.6 45.8
86 60.3 51.3 76.9

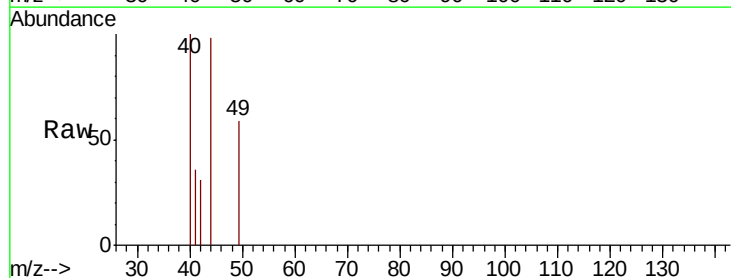


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

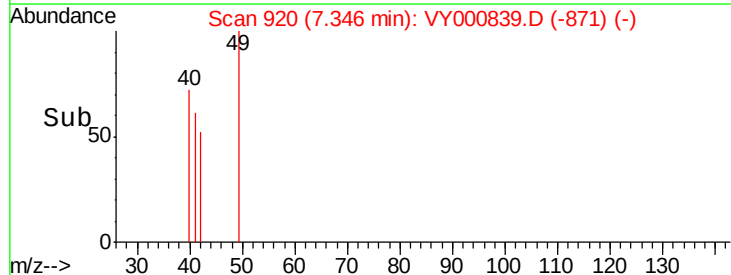
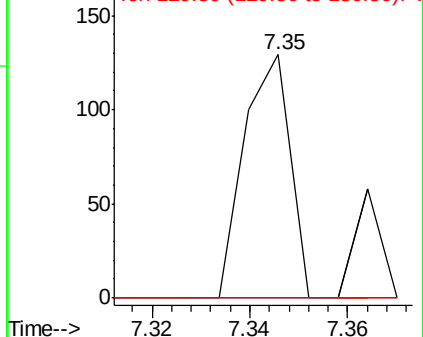


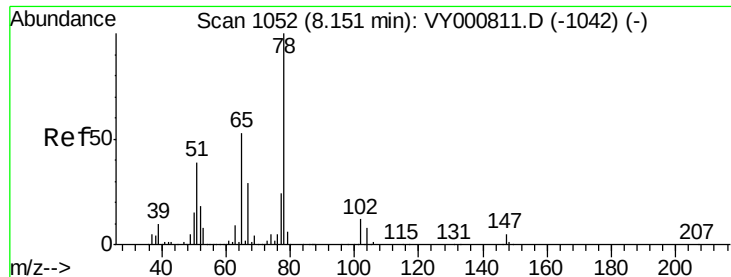
#28
Bromochloromethane
Concen: 2.056 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Tgt Ion: 49 Resp: 84
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): V
Ion 129.80 (129.50 to 130.50): V

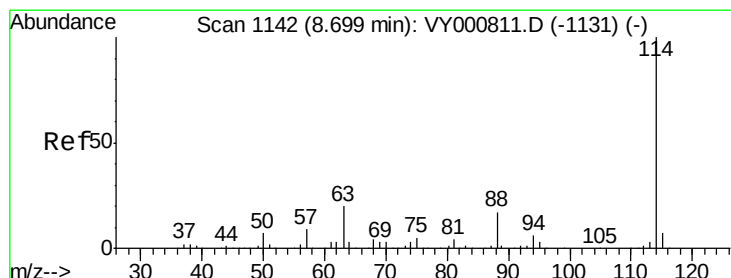
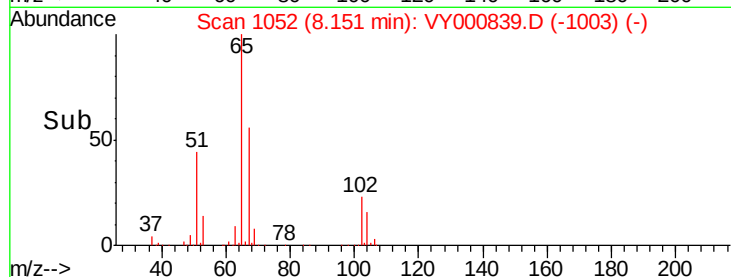
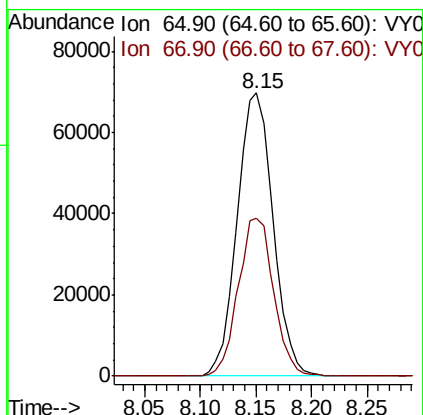
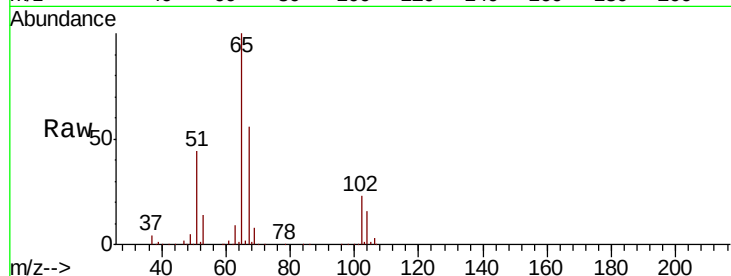




#33
 1,2-Dichloroethane-d4
 Concen: 57.029 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000839.D
 Acq: 03 Dec 2019 13:31

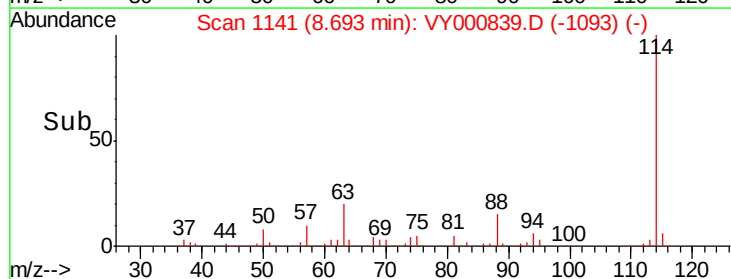
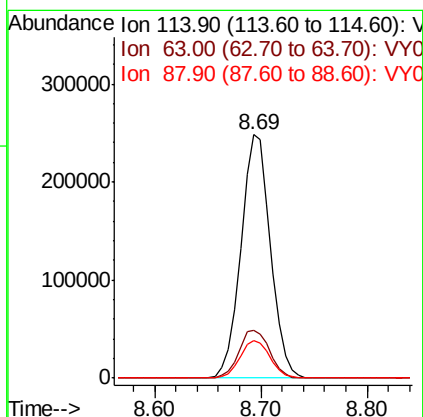
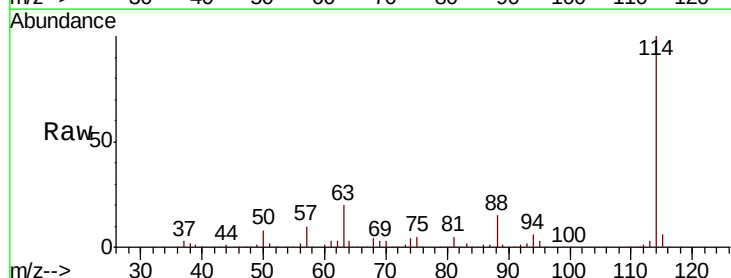
Instrument :
 MSVOA_Y
 ClientSampleId :

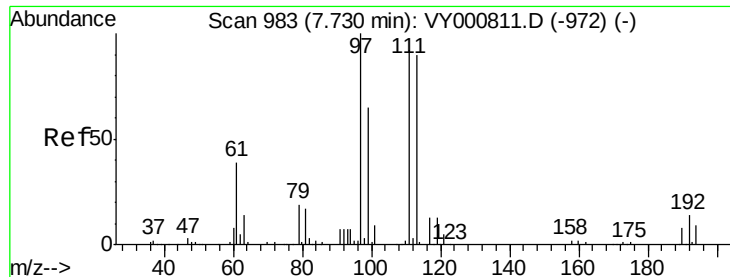
Tot Ion: 65 Resp: 156140
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000839.D
 Acq: 03 Dec 2019 13:31

Tgt Ion: 114 Resp: 481820
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.3 0.0 33.2

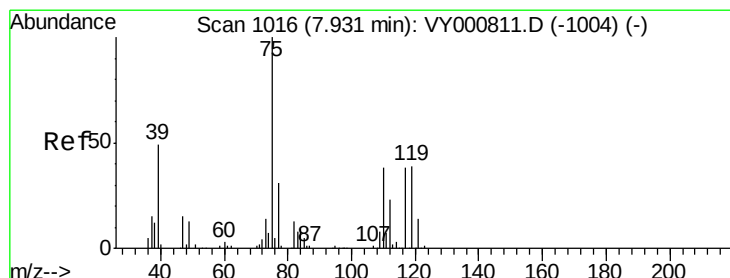
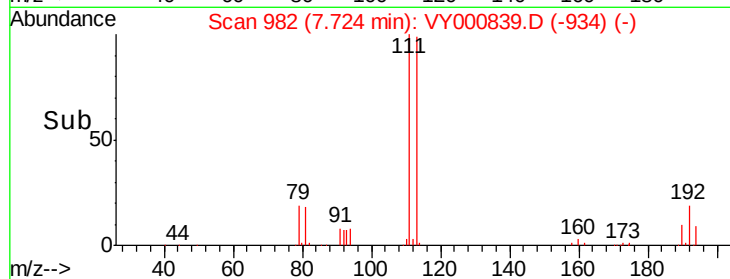
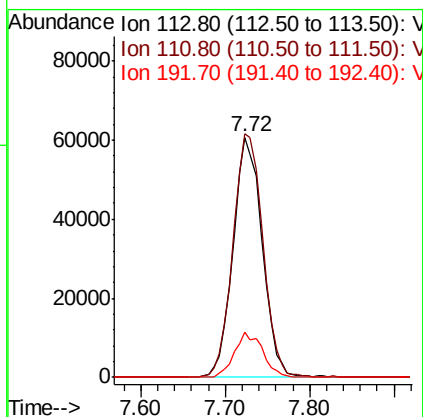
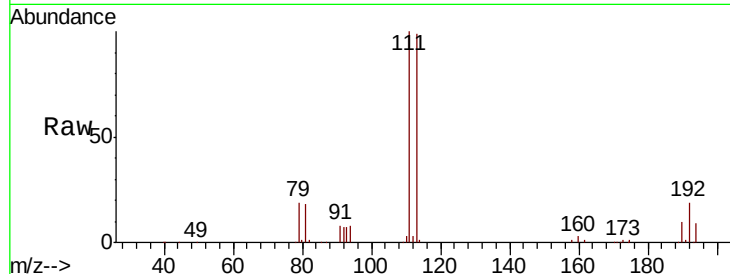




#35
 Dibromofluoromethane
 Concen: 50.491 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000839.D
 Acq: 03 Dec 2019 13:31

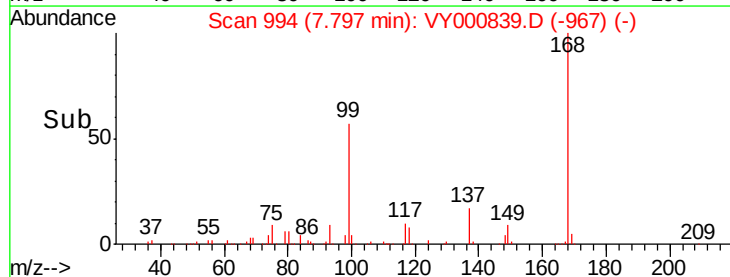
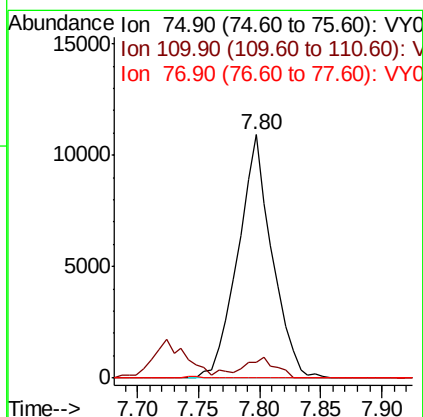
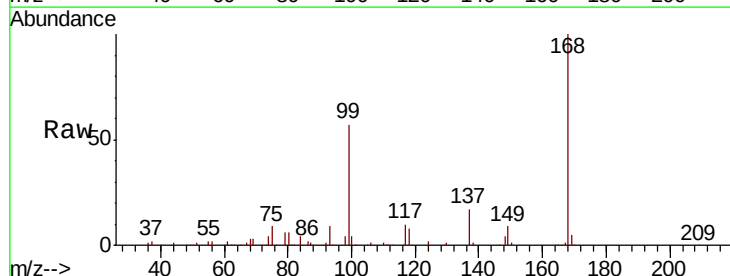
Instrument :
 MSVOA_Y
 ClientSampleId :

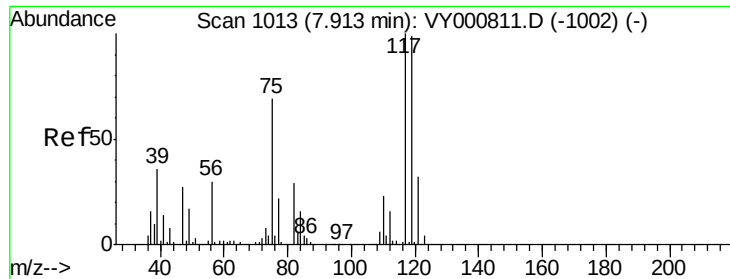
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	18.2	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 4.399 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000839.D
 Acq: 03 Dec 2019 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.9	53.7#
77	0.0	24.7	37.1#

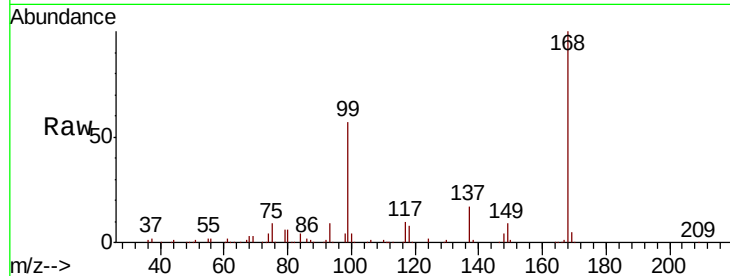




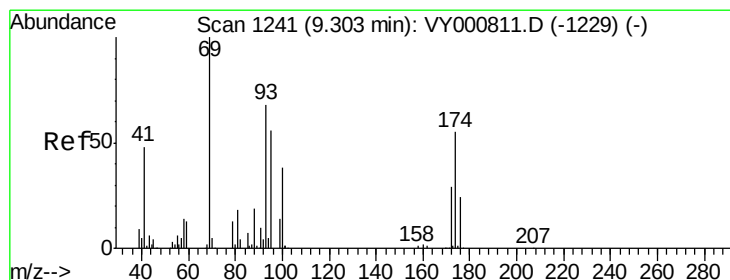
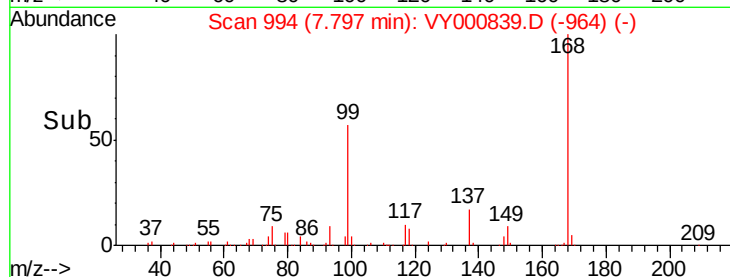
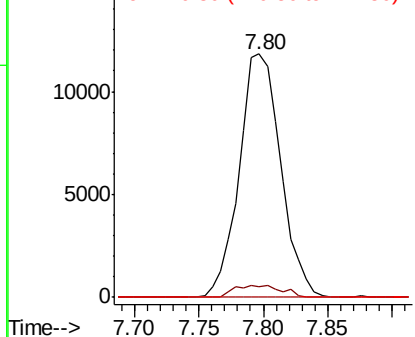
#38
Carbon Tetrachloride
Concen: 6.175 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 26345
Ion Ratio Lower Upper
117 100
119 4.4 79.3 118.9#
121 0.0 25.5 38.3#

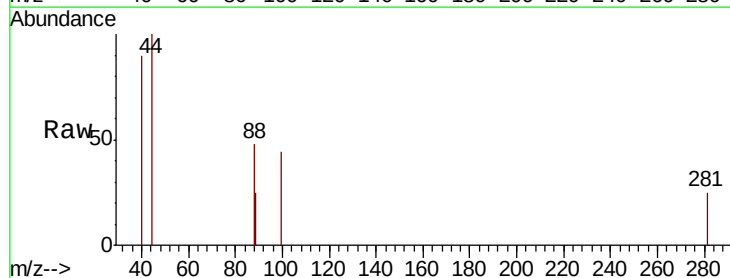


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

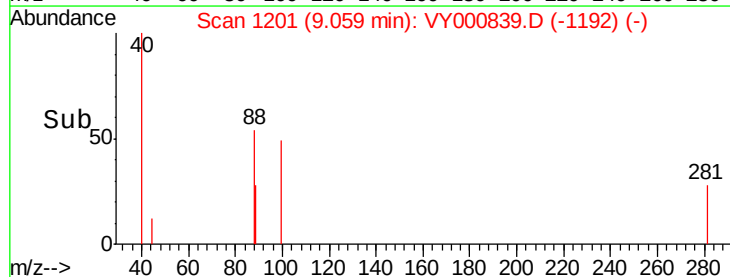
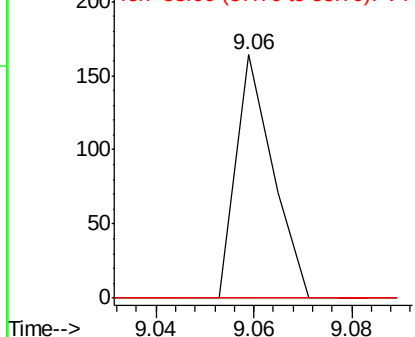


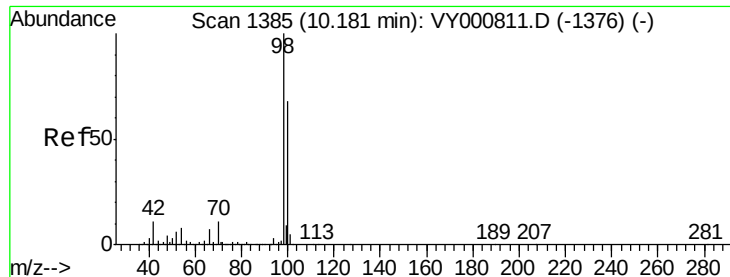
#49
1,4-Dioxane
Concen: 3.314 ug/l
RT: 9.06 min Scan# 1201
Delta R.T. -0.24 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 0.0 21.1 31.7#
58 0.0 50.7 76.1#



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: 50.996 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000839.D

Acq: 03 Dec 2019 13:31

Instrument :

MSVOA_Y

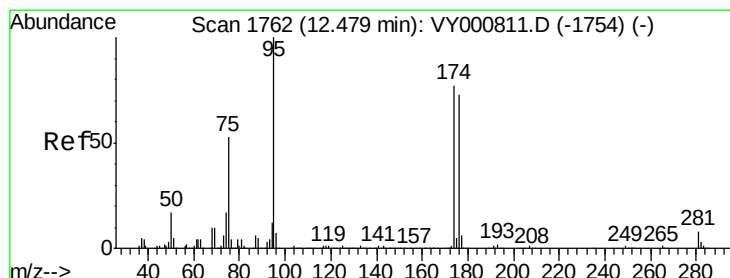
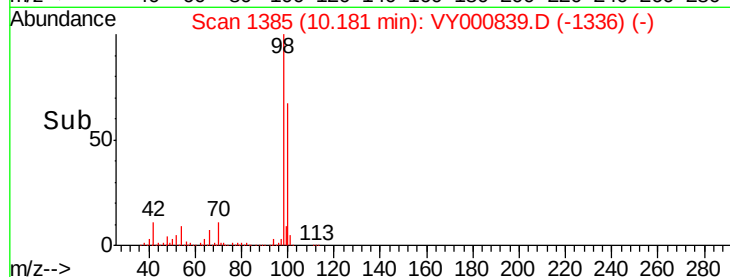
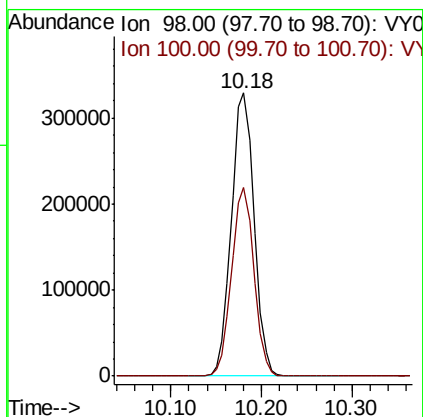
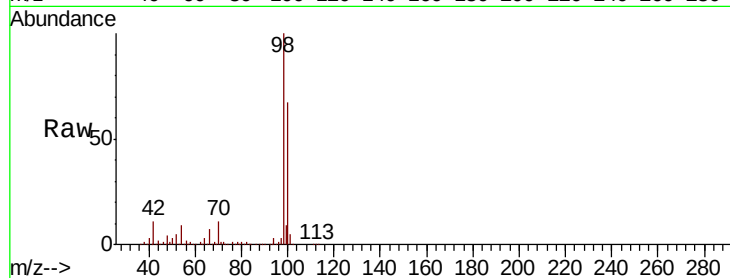
ClientSampleId :

Tot Ion: 98 Resp: 572502

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.386 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000839.D

Acq: 03 Dec 2019 13:31

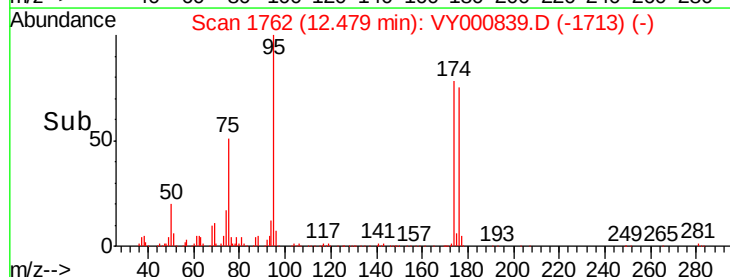
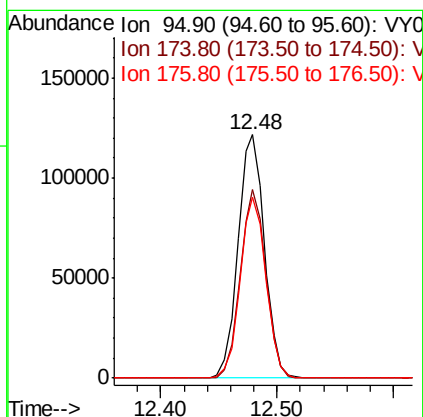
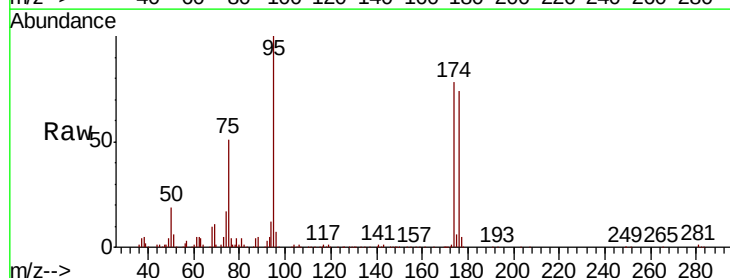
Tgt Ion: 95 Resp: 191353

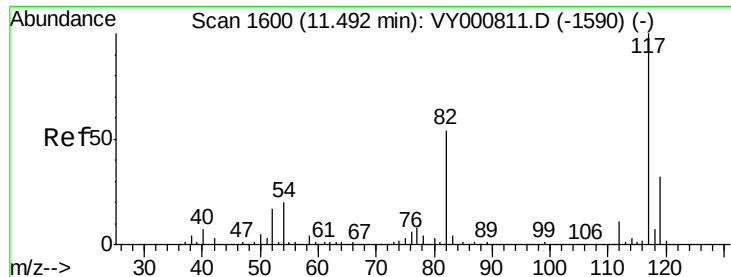
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.6

176 72.8 0.0 145.2

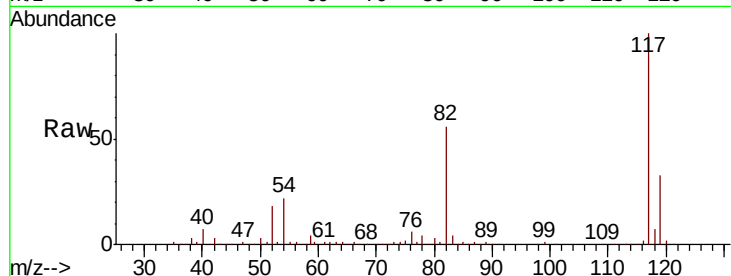




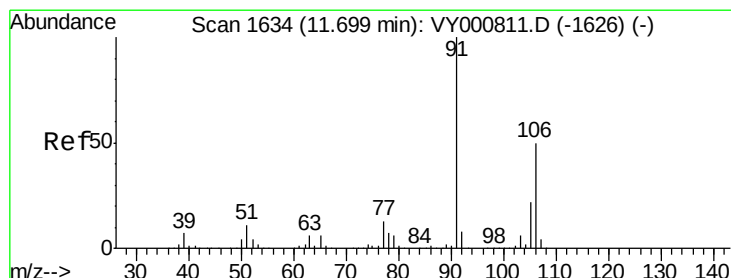
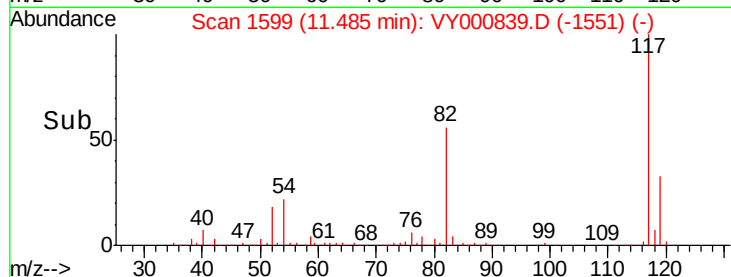
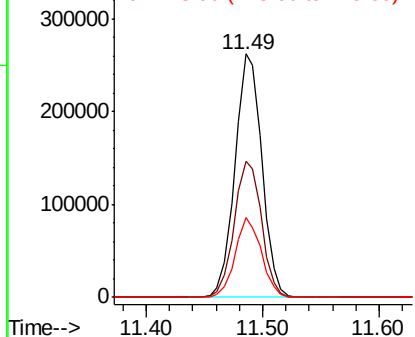
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 421304
Ion Ratio Lower Upper
117 100
82 55.7 43.1 64.7
119 32.6 25.3 37.9

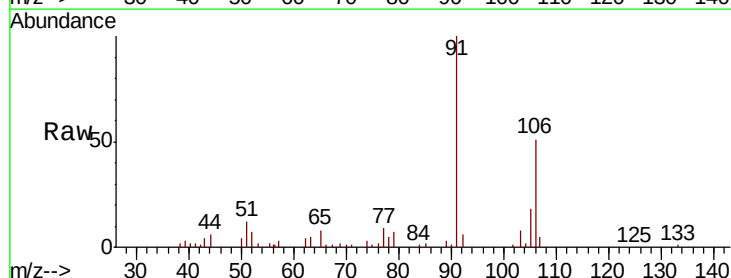


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

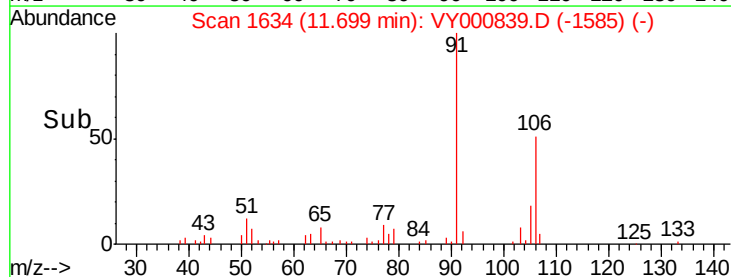
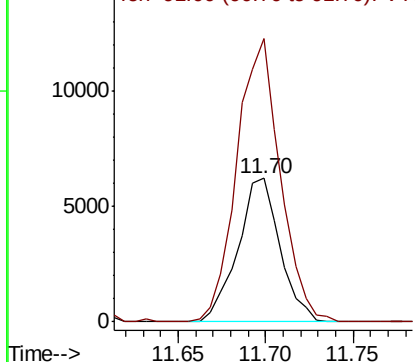


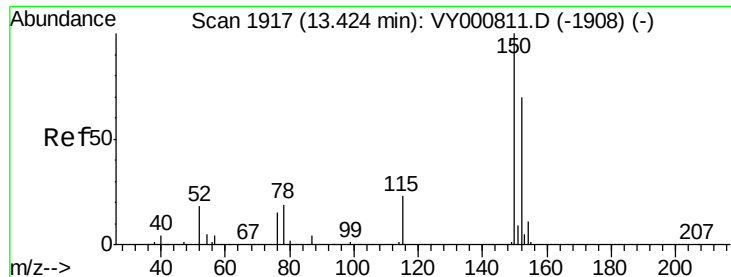
#68
m/p-Xylenes
Concen: 1.709 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Tgt Ion:106 Resp: 10460
Ion Ratio Lower Upper
106 100
91 202.5 159.6 239.4



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



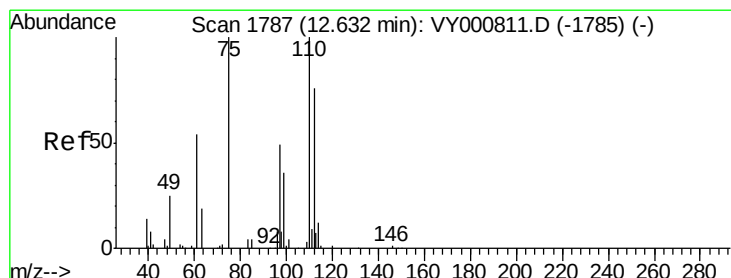
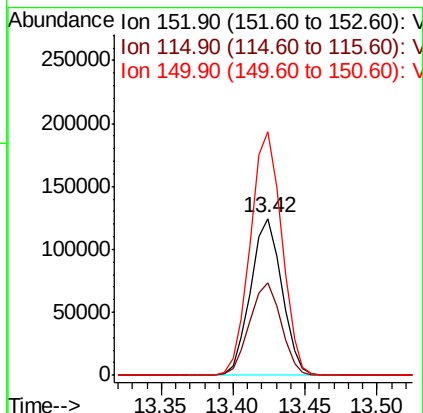
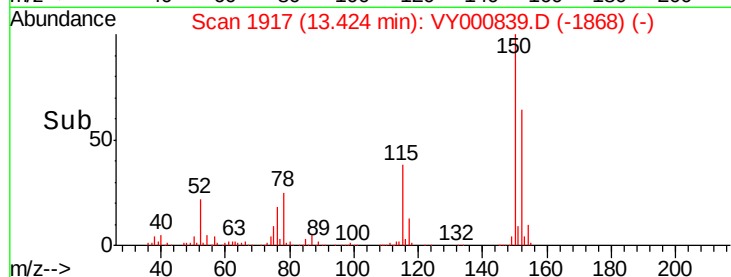
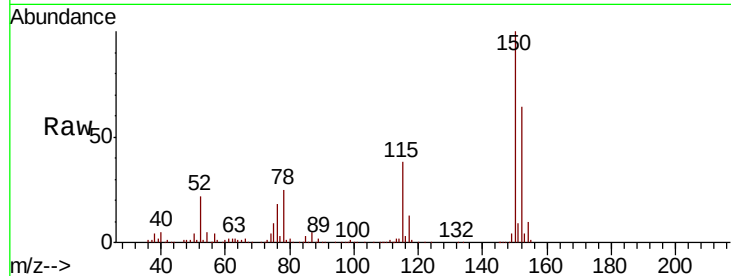


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Instrument :
MSVOA_Y
ClientSampled :

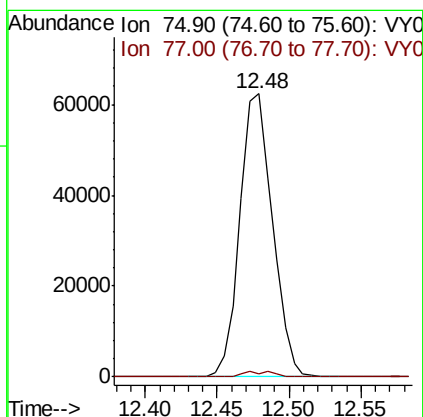
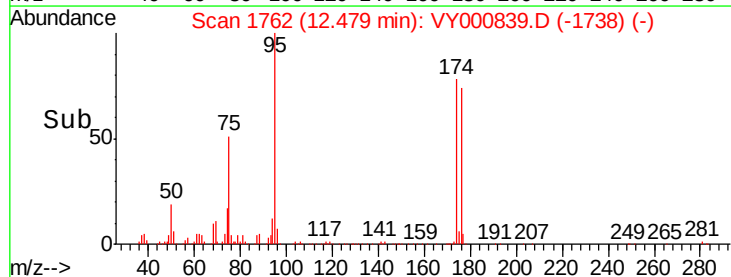
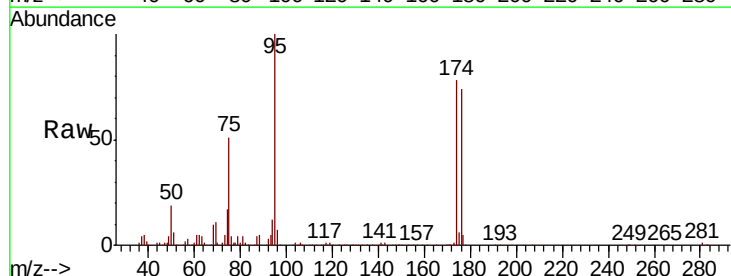
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	87.8
150	156.0	0.0	351.2

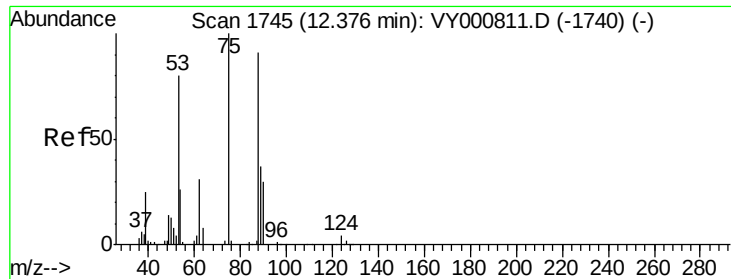


#76

1,2,3-Trichloropropane
Concen: 46.269 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000839.D
Acq: 03 Dec 2019 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 90.885 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000839.D

Acq: 03 Dec 2019 13:31

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 98058

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#

