

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000526.D
 Acq On : 01 Nov 2019 16:14
 Operator : SY/MD
 Sample : K5661-01
 Misc : 5.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:34:30 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	195020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	338904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	144428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	123523	61.20	ug/l	0.00
Spiked Amount						
			Recovery	=	122.40%	
35) Dibromofluoromethane	7.74	113	103277	51.91	ug/l	0.00
Spiked Amount						
			Recovery	=	103.82%	
50) Toluene-d8	10.19	98	389280	51.56	ug/l	0.00
Spiked Amount						
			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.48	95	140789	48.99	ug/l	0.00
Spiked Amount						
			Recovery	=	97.98%	

Target Compounds

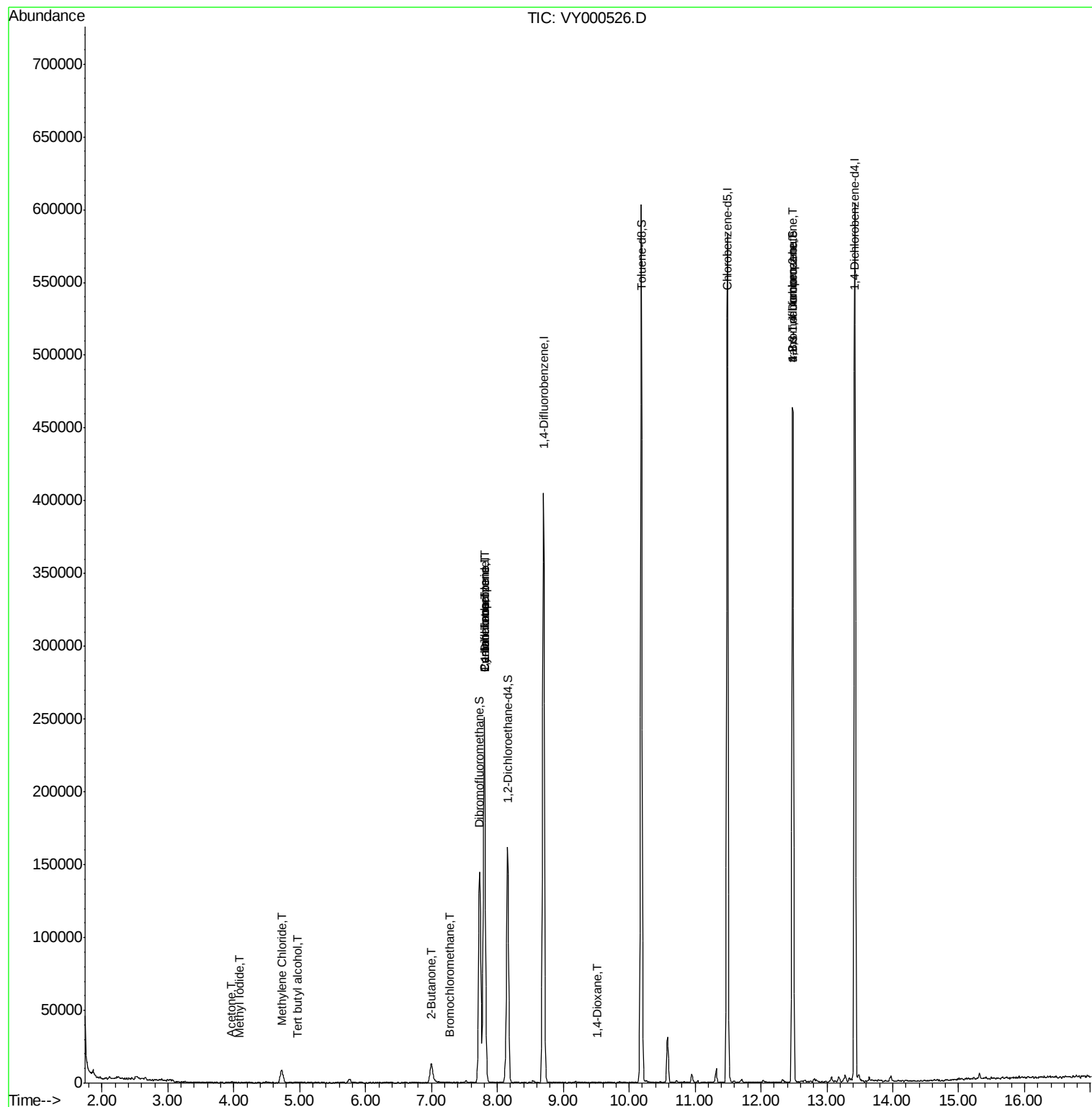
						Qvalue
10) Methyl Iodide	4.08	142	103	3.236	ug/l #	41
11) Tert butyl alcohol	4.96	59	407	2.072	ug/l #	72
16) Acetone	3.96	43	779	1.400	ug/l #	63
20) Methylene Chloride	4.72	84	6540	2.744	ug/l	91
25) 2-Butanone	7.00	43	1078	1.214	ug/l #	49
28) Bromochloromethane	7.27	49	29	4.108	ug/l #	14
31) Cyclohexane	7.81	56	4644	1.189	ug/l #	53
36) 1,1-Dichloropropene	7.80	75	15165	4.733	ug/l #	51
38) Carbon Tetrachloride	7.80	117	18703	6.067	ug/l #	14
49) 1,4-Dioxane	9.52	88	46	2.688	ug/l #	27
76) 1,2,3-Trichloropropane	12.48	75	74230	45.138	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	74230	101.206	ug/l #	13

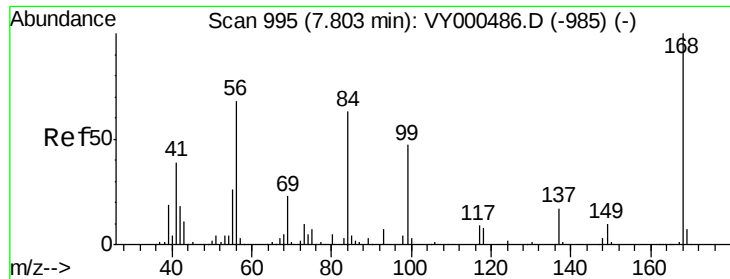
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
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Quant Time: Nov 01 23:34:30 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: VY000526.D

Acq: 01 Nov 2019 16:14

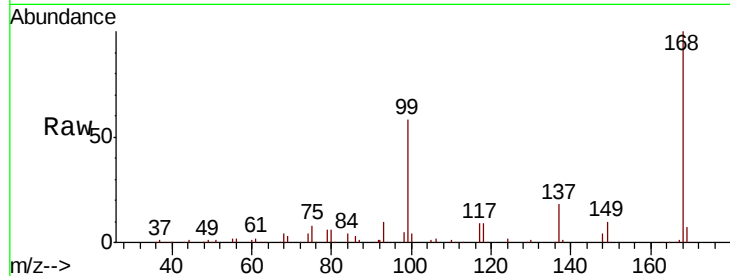
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 195020

Ion Ratio Lower Upper

168 100

99 58.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

80000

60000

40000

20000

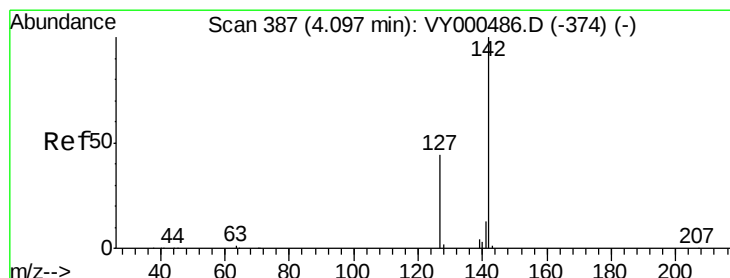
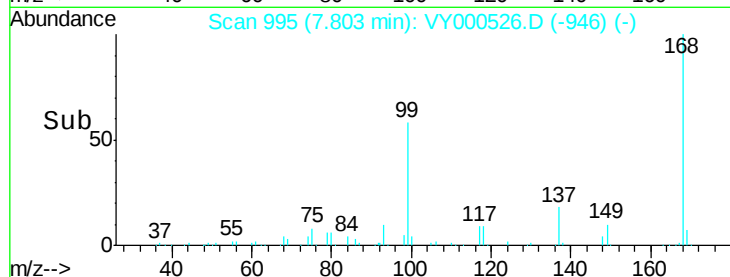
0

Time-->

7.70

7.80

7.90



#10

Methyl Iodide

Concen: 3.236 ug/l

RT: 4.08 min Scan# 385

Delta R.T. -0.01 min

Lab File: VY000526.D

Acq: 01 Nov 2019 16:14

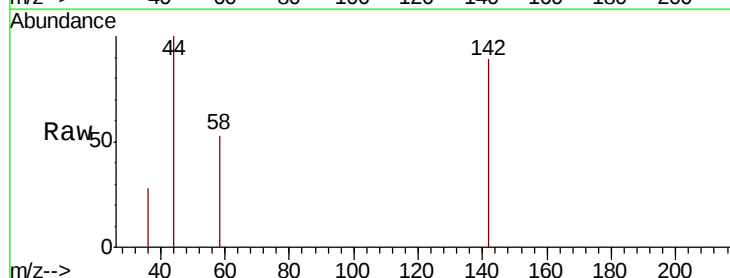
Tgt Ion:142 Resp: 103

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

250

200

150

100

50

0

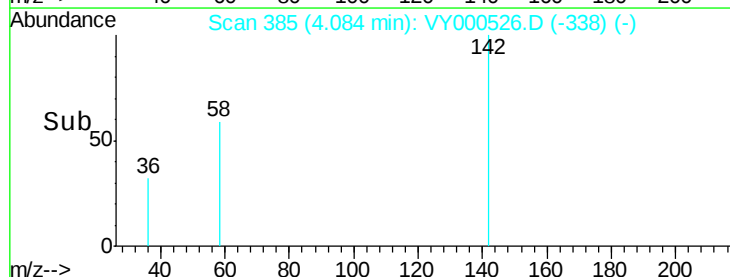
Time-->

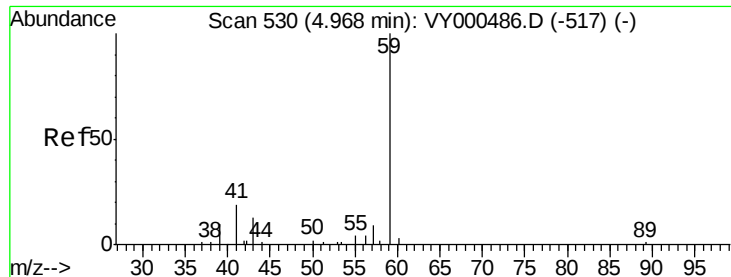
4.07

4.08

4.09

4.10

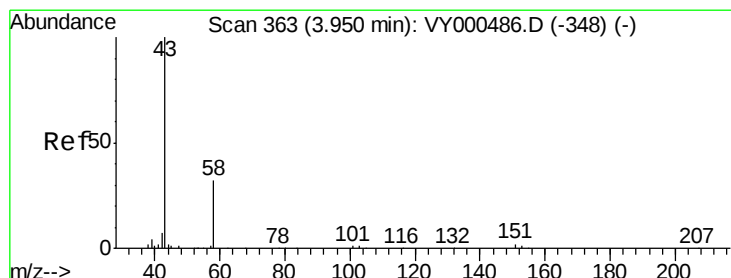
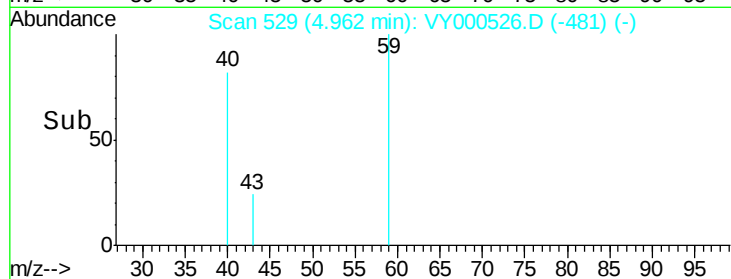
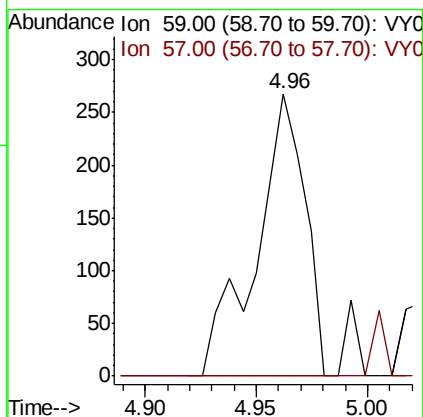
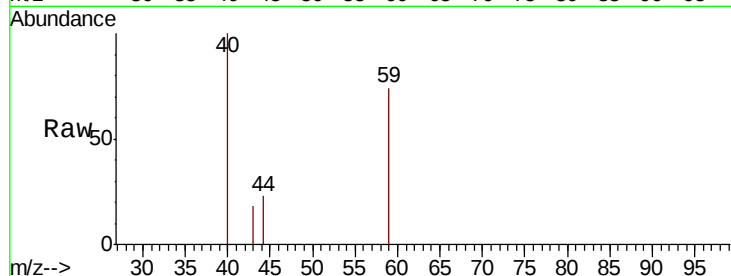




#11
Tert butyl alcohol
Concen: 2.072 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

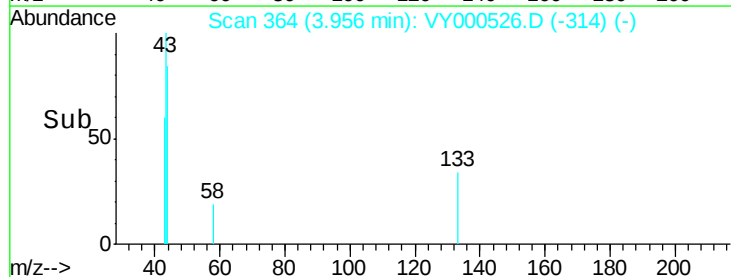
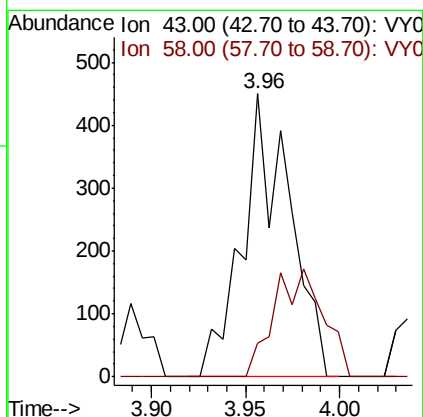
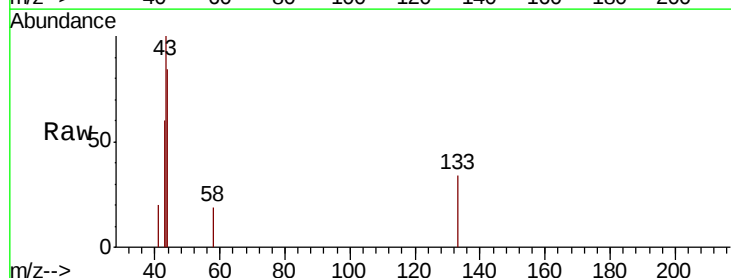
Instrument :
MSVOA_Y
ClientSampled :

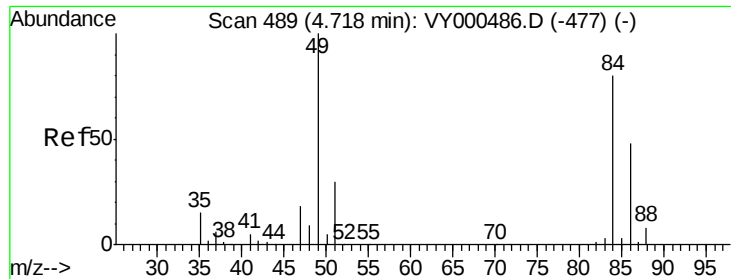
Tot Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 1.400 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 11.8 25.8 38.6#

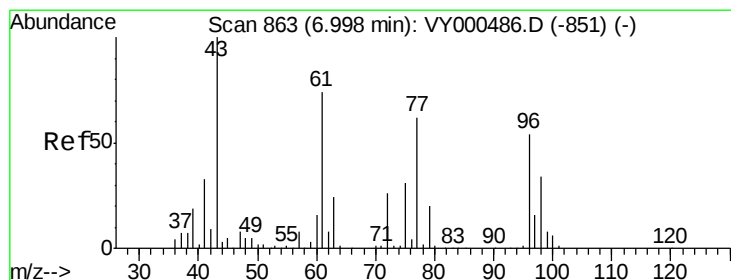
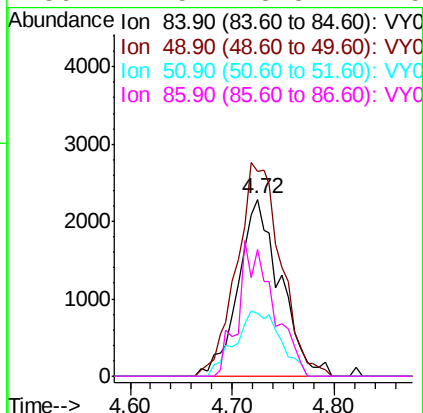
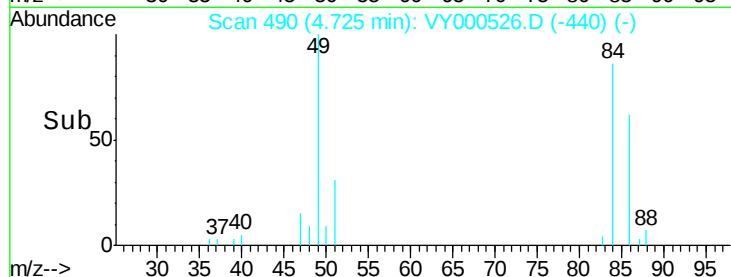
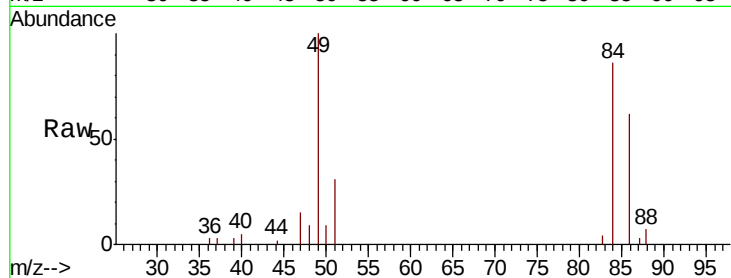




#20
Methvlene Chloride
Concen: 2.744 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

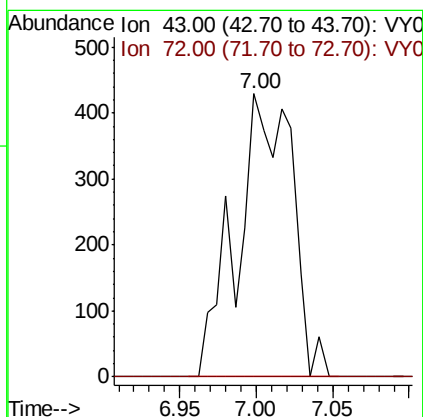
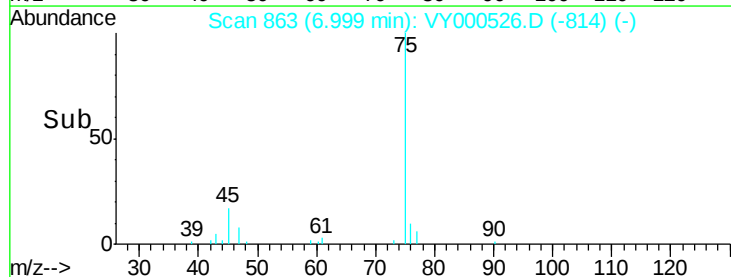
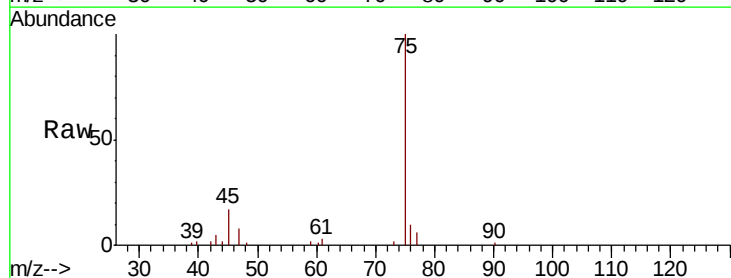
Instrument :
MSVOA_Y
ClientSampled :

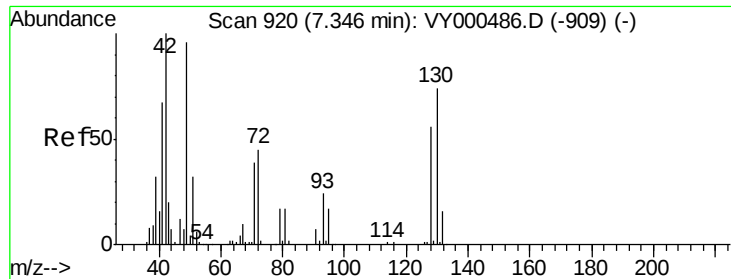
Tot Ion: 84 Resp: 6540
Ion Ratio Lower Upper
84 100
49 115.7 100.2 150.4
51 35.4 29.6 44.4
86 71.5 48.3 72.5



#25
2-Butanone
Concen: 1.214 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#

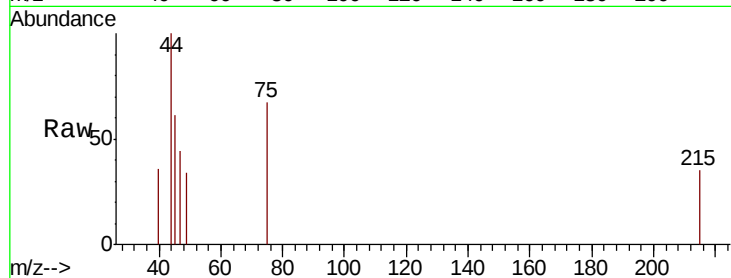




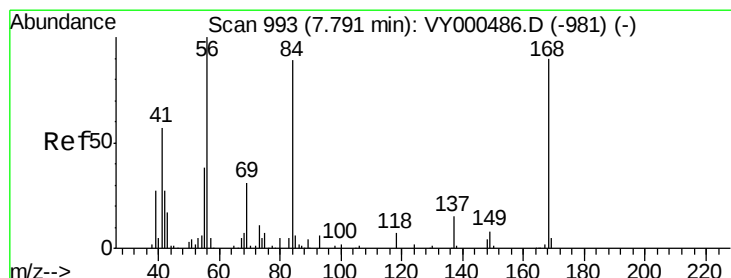
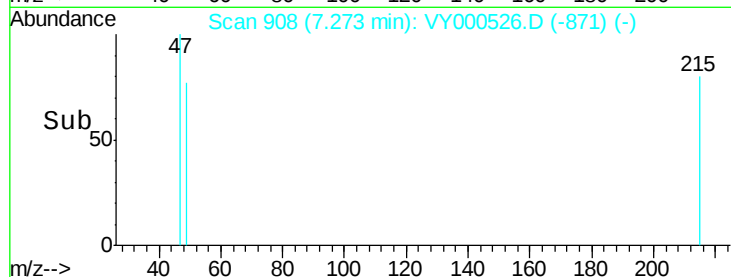
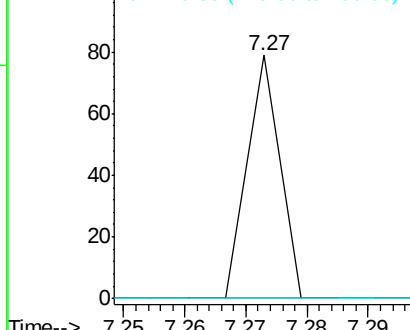
#28
Bromochloromethane
Concen: 4.108 ug/l
RT: 7.27 min Scan# 908
Delta R.T. -0.07 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 49 Resp: 29
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.4 89.0#

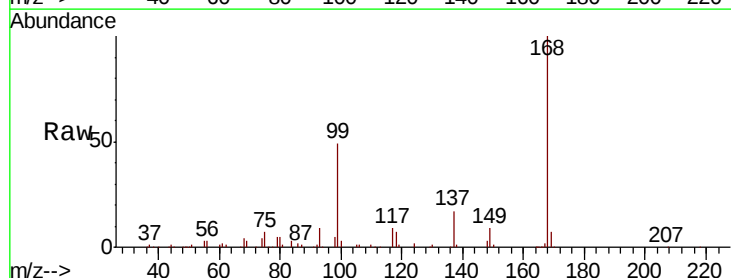


Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0

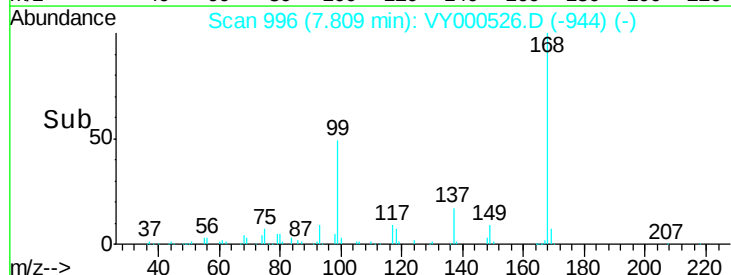
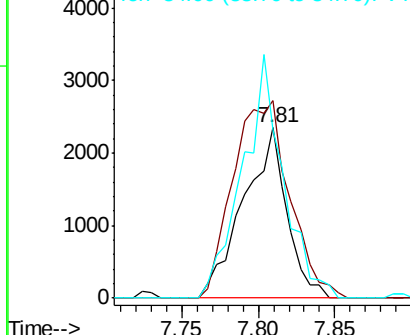


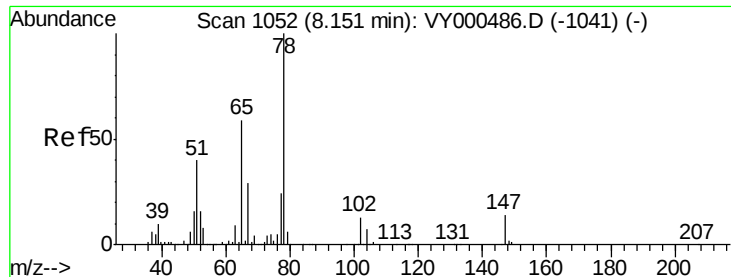
#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.02 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

Tgt Ion: 56 Resp: 4644
Ion Ratio Lower Upper
56 100
69 116.2 25.0 37.6#
84 98.7 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

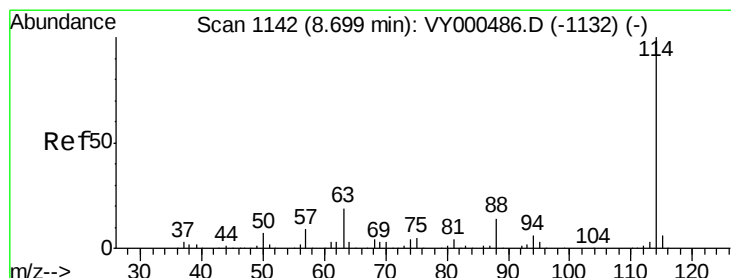
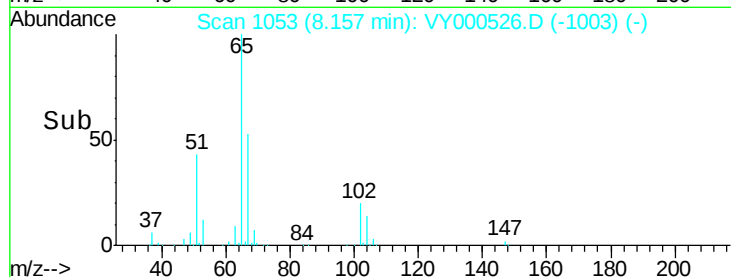
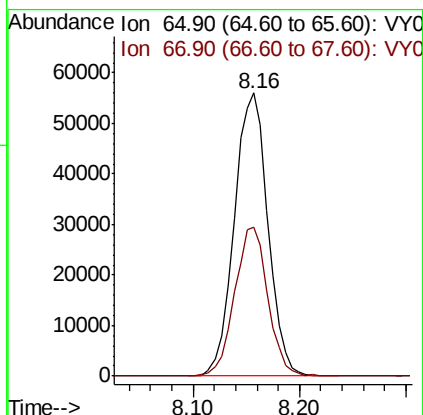
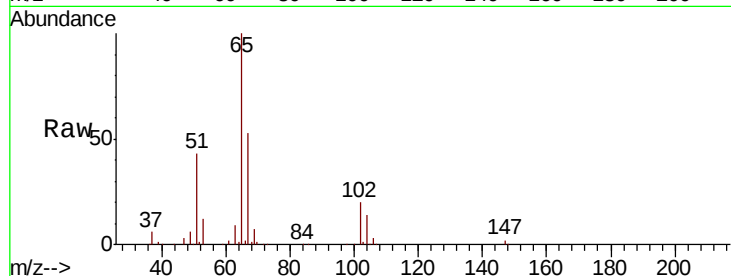




#33
 1,2-Dichloroethane-d4
 Concen: 61.204 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000526.D
 Acq: 01 Nov 2019 16:14

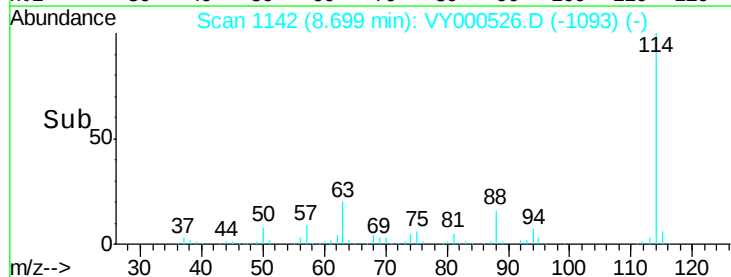
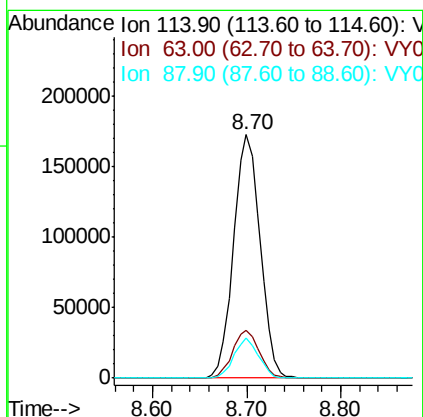
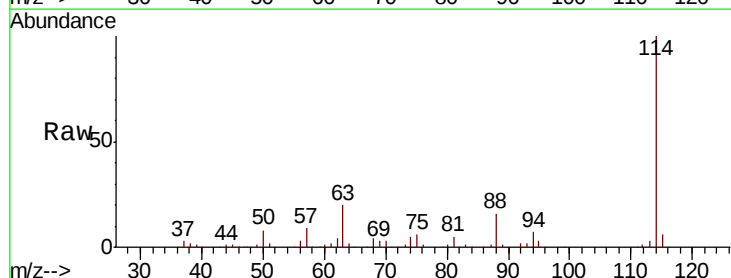
Instrument :
 MSVOA_Y
 ClientSampleId :

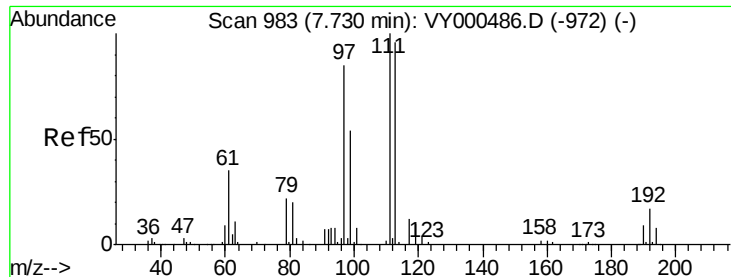
Tot Ion: 65 Resp: 123523
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000526.D
 Acq: 01 Nov 2019 16:14

Tgt Ion: 114 Resp: 338904
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 16.3 0.0 28.6

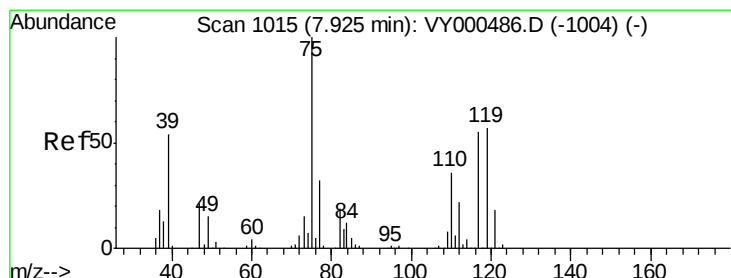
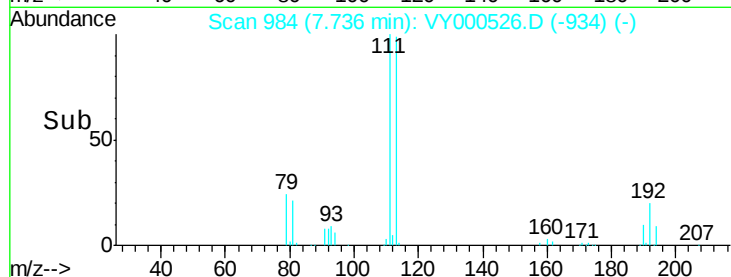
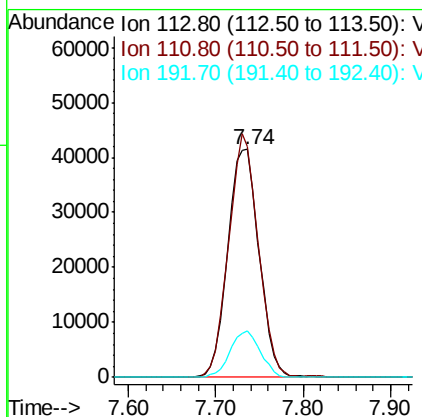
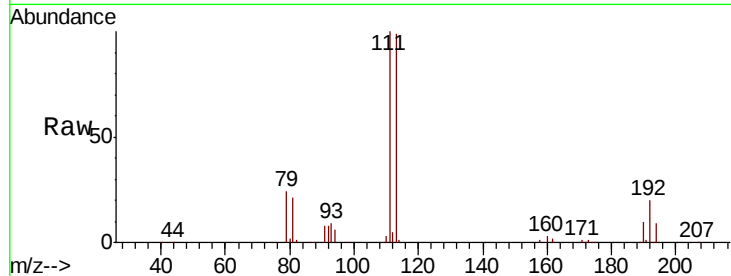




#35
 Dibromofluoromethane
 Concen: 51.909 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000526.D
 Acq: 01 Nov 2019 16:14

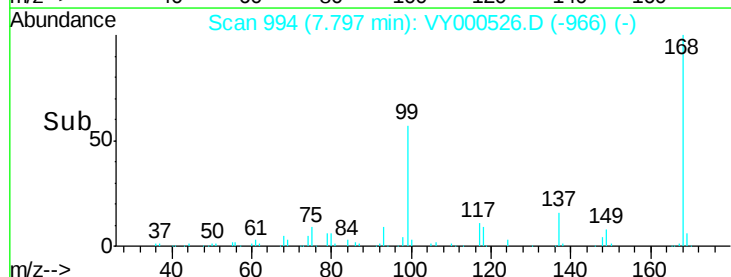
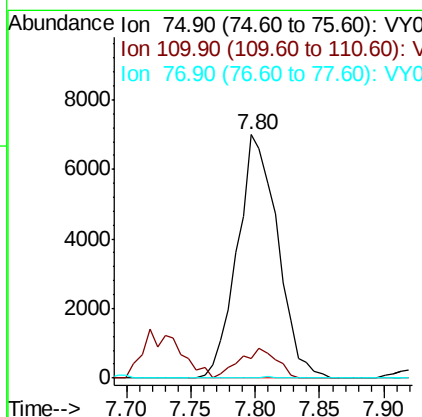
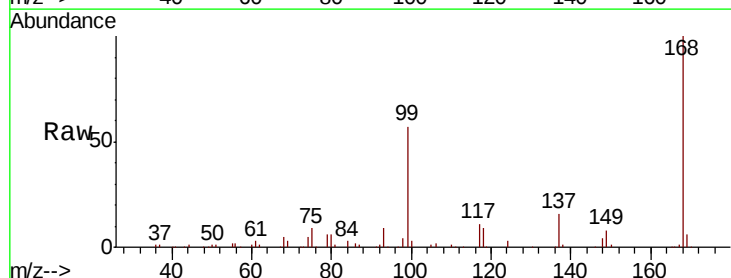
Instrument :
 MSVOA_Y
 ClientSampleId :

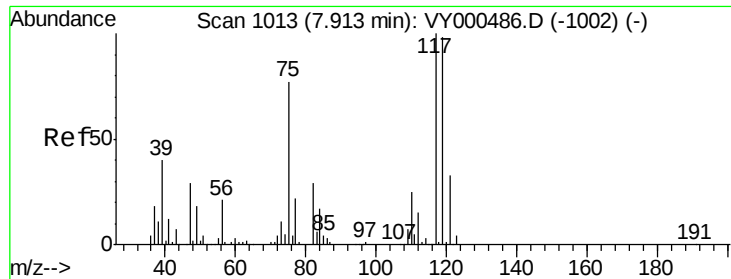
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.7	122.5
192	19.5	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 4.733 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000526.D
 Acq: 01 Nov 2019 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.1	54.1#
77	0.2	25.0	37.6#

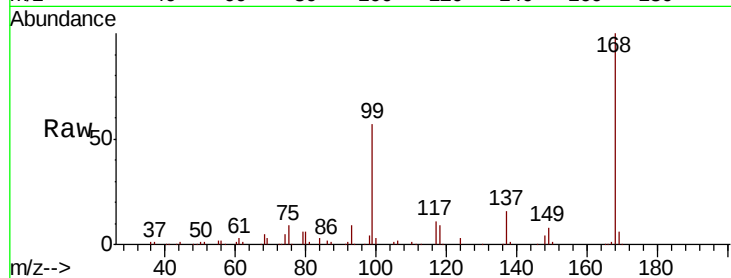




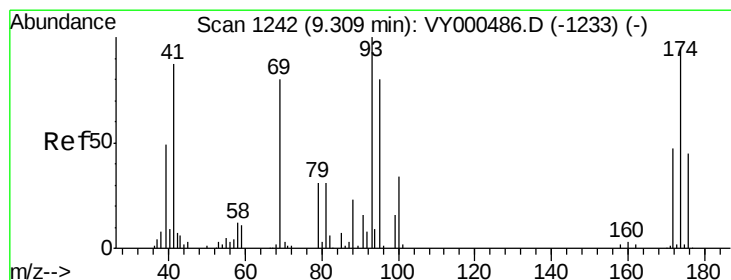
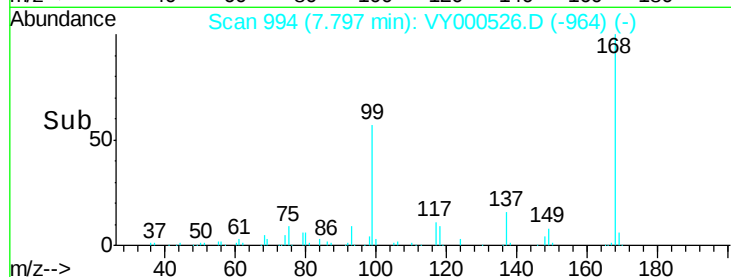
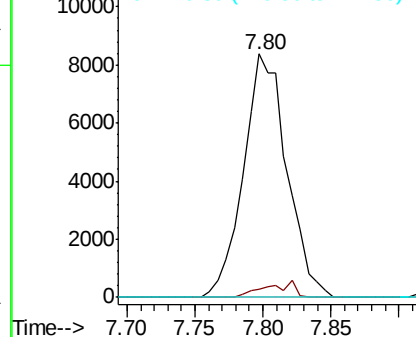
#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 18703
Ion Ratio Lower Upper
117 100
119 3.1 78.0 117.0#
121 0.0 26.6 40.0#

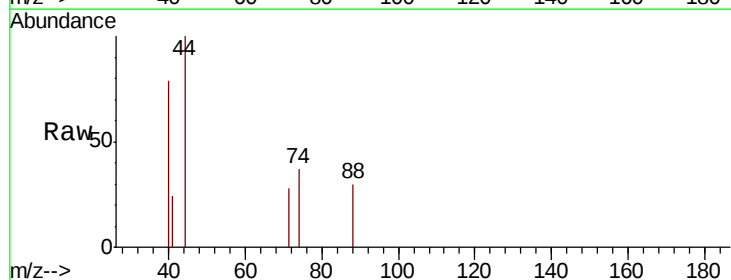


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

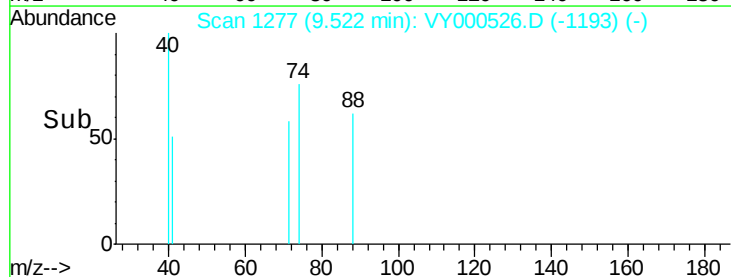
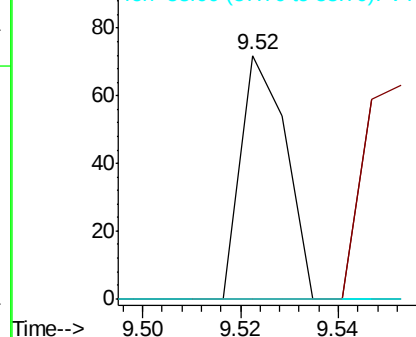


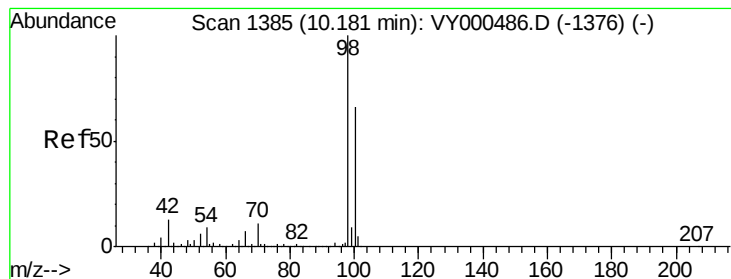
#49
1,4-Dioxane
Concen: 2.688 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.21 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

Tgt Ion: 88 Resp: 46
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: 51.564 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000526.D

Acq: 01 Nov 2019 16:14

Instrument :

MSVOA_Y

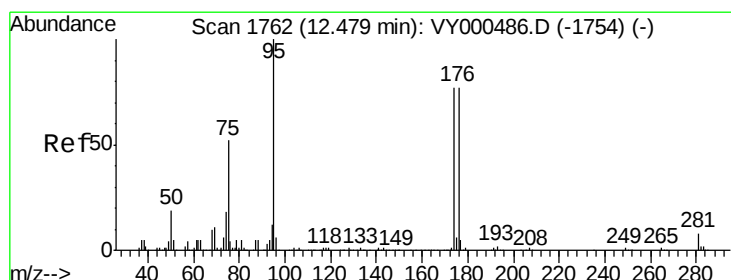
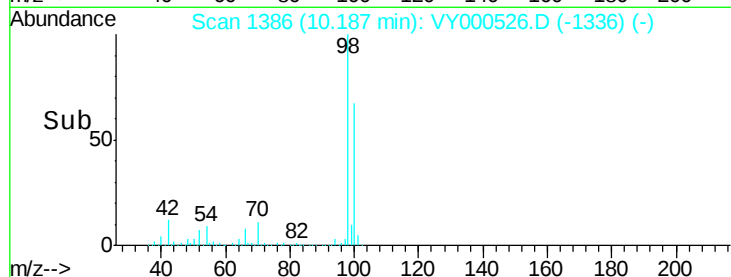
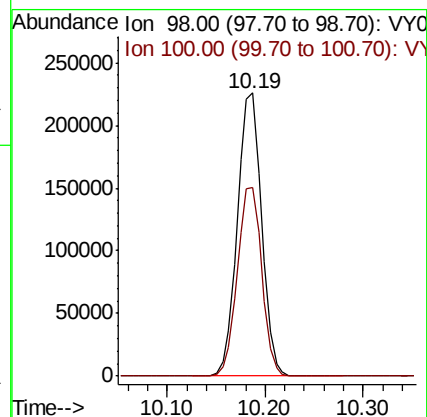
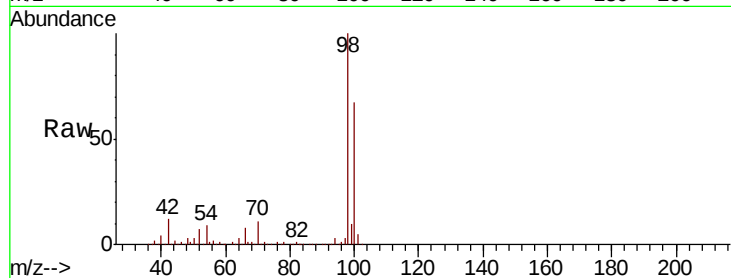
ClientSampleId :

Tot Ion: 98 Resp: 389280

Ion Ratio Lower Upper

98 100

100 67.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.987 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000526.D

Acq: 01 Nov 2019 16:14

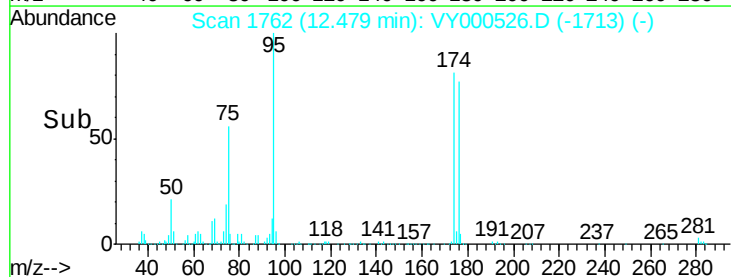
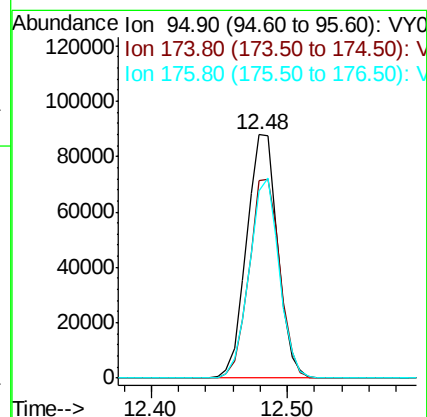
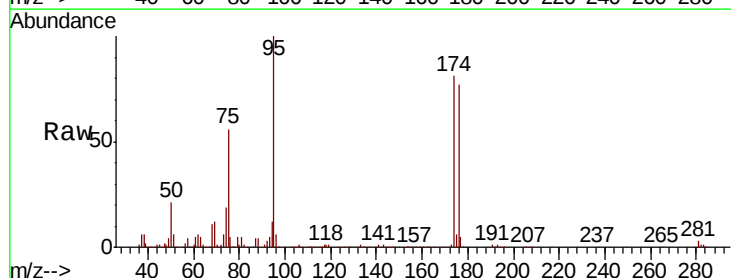
Tgt Ion: 95 Resp: 140789

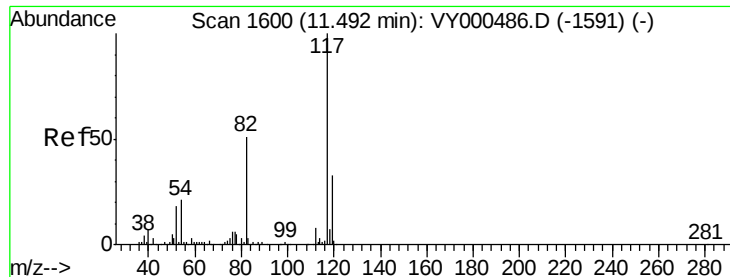
Ion Ratio Lower Upper

95 100

174 81.1 0.0 161.6

176 78.9 0.0 157.8

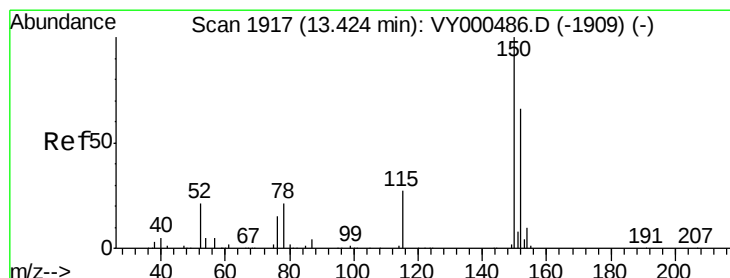
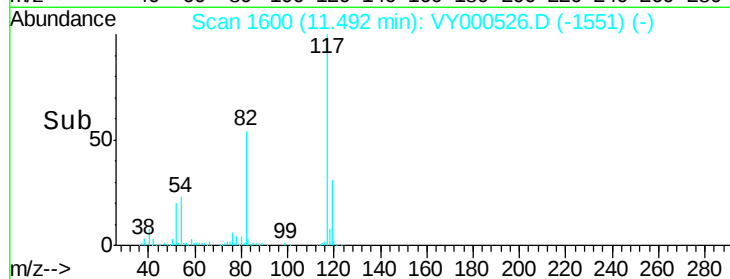
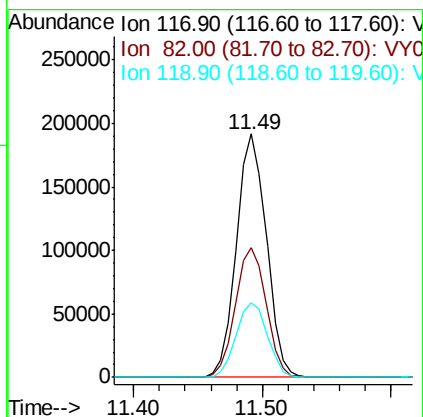
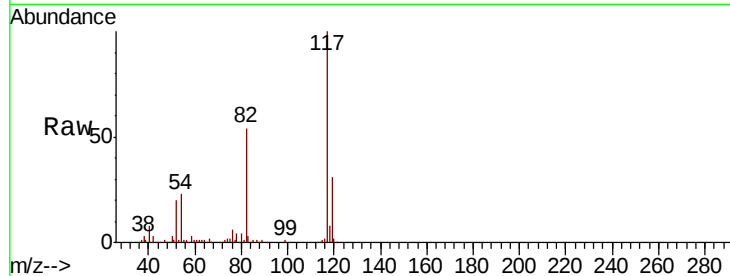




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

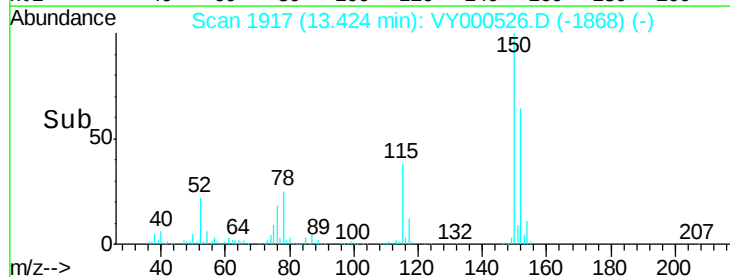
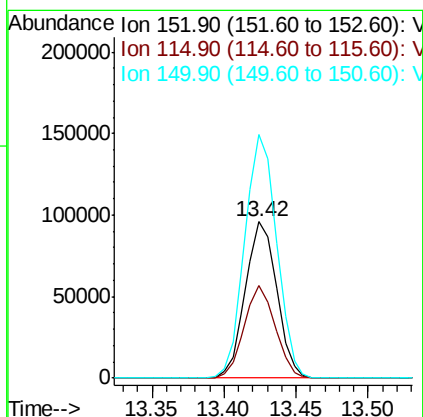
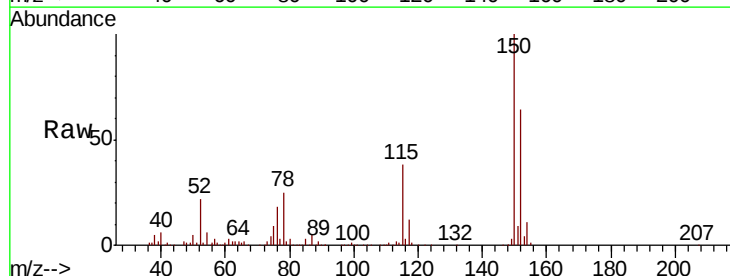
Instrument :
MSVOA_Y
ClientSampled :

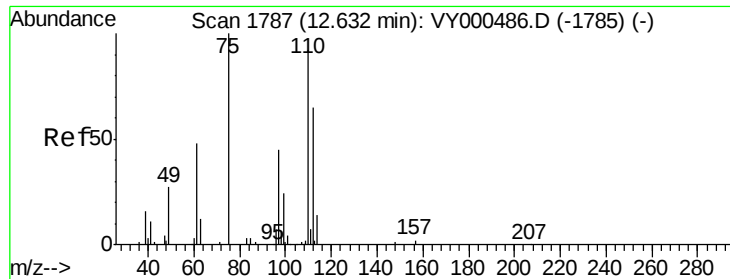
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.8	61.2
119	30.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000526.D
Acq: 01 Nov 2019 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.1	87.4
150	158.5	0.0	348.8





#76

1,2,3-Trichloropropane

Concen: 45.138 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000526.D

Acq: 01 Nov 2019 16:14

Instrument :

MSVOA_Y

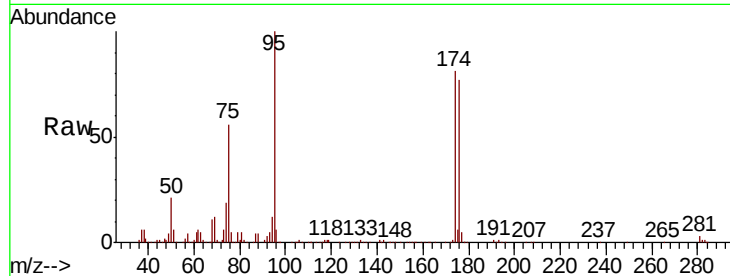
ClientSampleId :

Tot Ion: 75 Resp: 74230

Ion Ratio Lower Upper

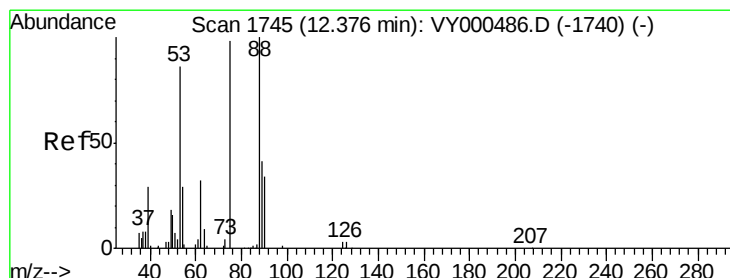
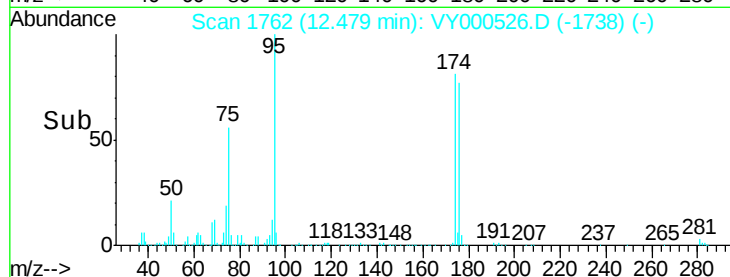
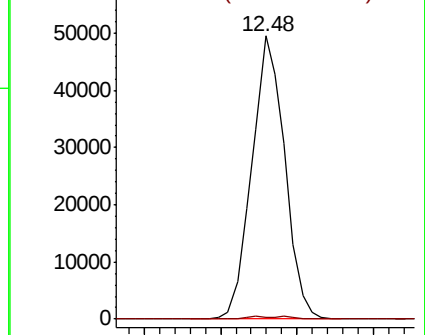
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 101.206 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000526.D

Acq: 01 Nov 2019 16:14

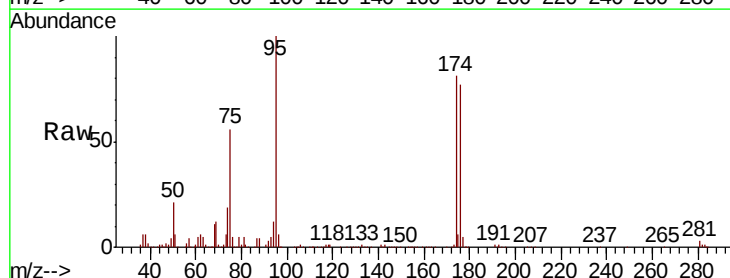
Tgt Ion: 75 Resp: 74230

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 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

