

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000550.D
 Acq On : 06 Nov 2019 14:48
 Operator : SY/MD
 Sample : K5713-03
 Misc : 4.68G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-017-IDWSO-20191105

Quant Time: Nov 07 04:56:45 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	199166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	141086	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	117843	57.17	ug/l	0.00
Spiked Amount			Recovery	=	114.34%	
35) Dibromofluoromethane	7.73	113	104929	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	10.18	98	411569	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.48	95	132922	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	

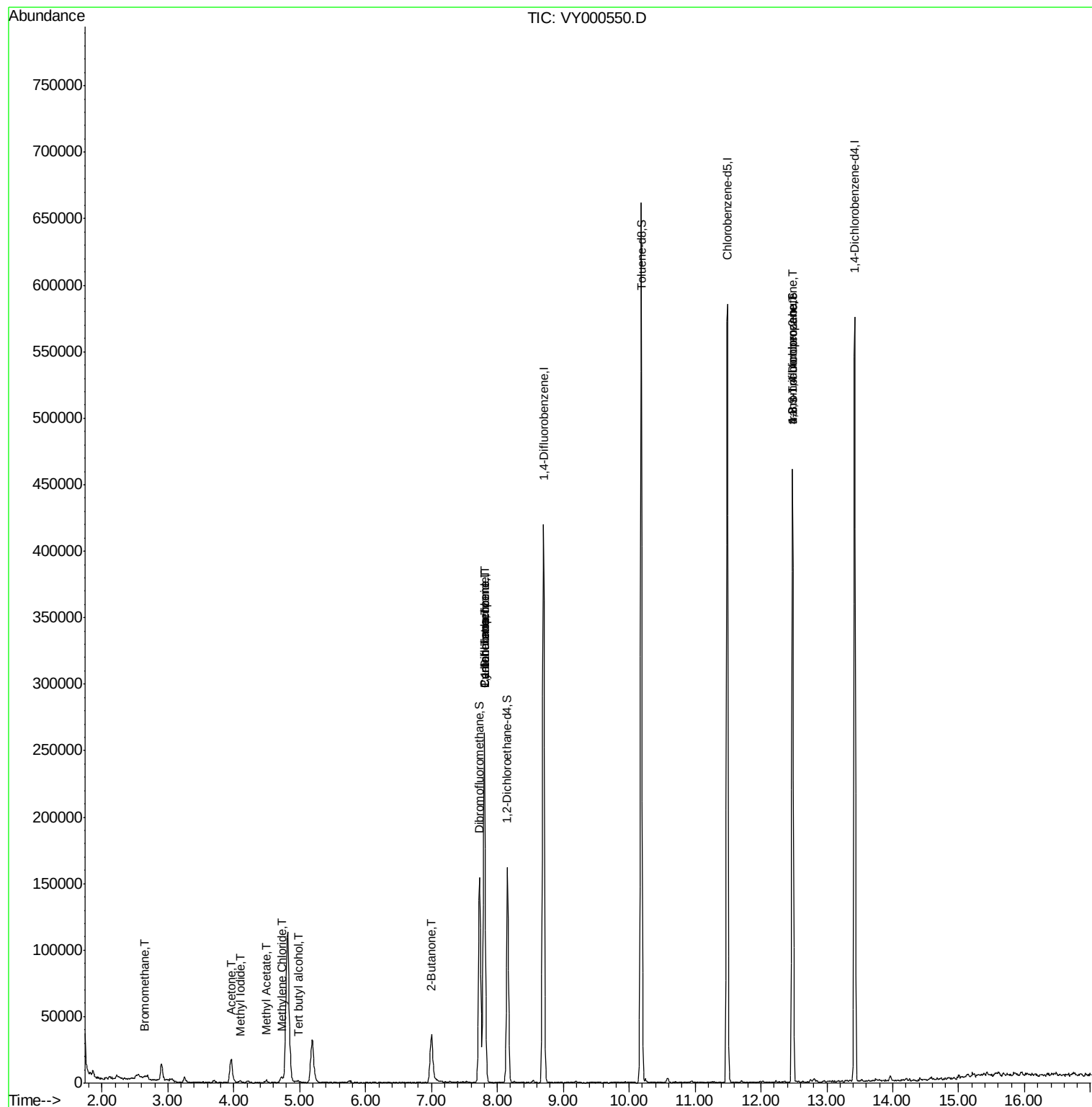
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	1542	1.025	ug/l	85
10) Methyl Iodide	4.09	142	1733	3.801	ug/l #	45
11) Tert butyl alcohol	4.98	59	1682	8.383	ug/l #	84
16) Acetone	3.96	43	30339	53.408	ug/l	94
18) Methyl Acetate	4.50	43	3336	1.889	ug/l #	72
20) Methylene Chloride	4.72	84	3174	1.304	ug/l #	85
25) 2-Butanone	6.99	43	1092	1.205	ug/l #	63
31) Cyclohexane	7.80	56	4733	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16168	4.825	ug/l #	51
38) Carbon Tetrachloride	7.80	117	19293	5.983	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	74143	46.153	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	74143	103.481	ug/l #	13

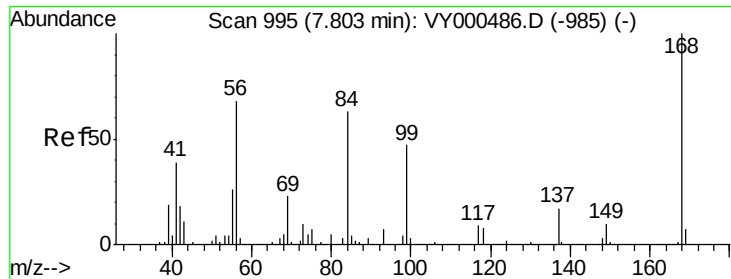
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

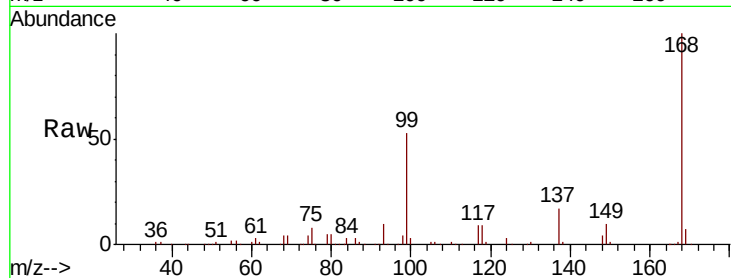
TT-017-IDWSO-20191105

Tot Ion:168 Resp: 199166

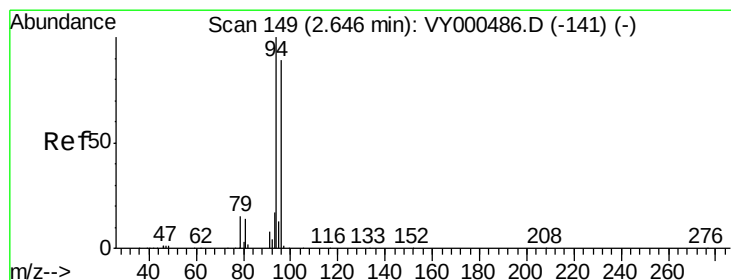
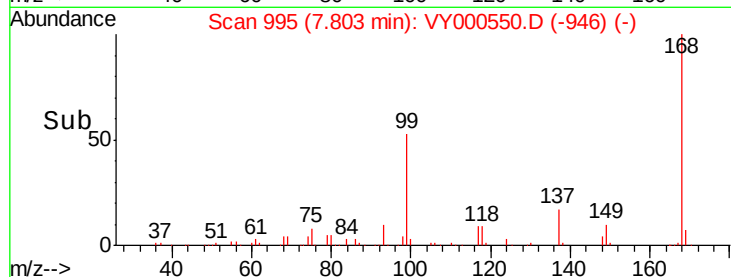
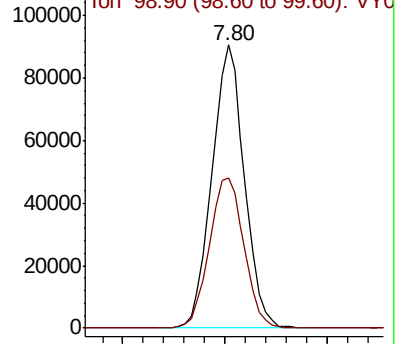
Ion Ratio Lower Upper

168 100

99 53.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000550.D (-946) (-)



#5

Bromomethane

Concen: 1.025 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000550.D

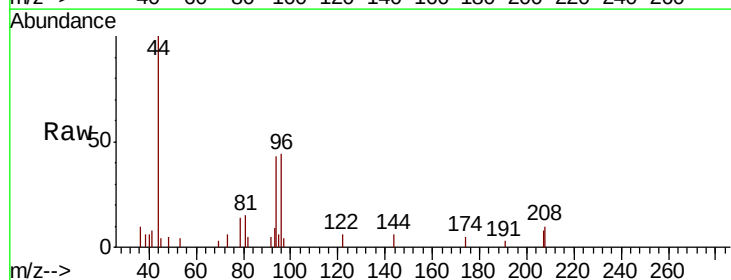
Acq: 06 Nov 2019 14:48

Tgt Ion: 94 Resp: 1542

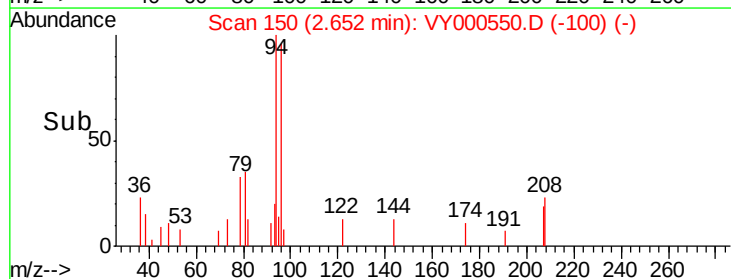
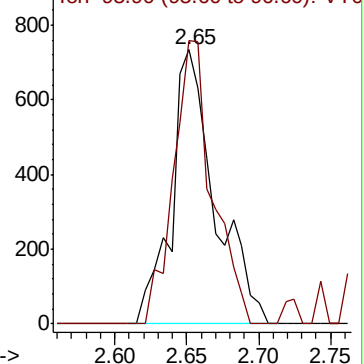
Ion Ratio Lower Upper

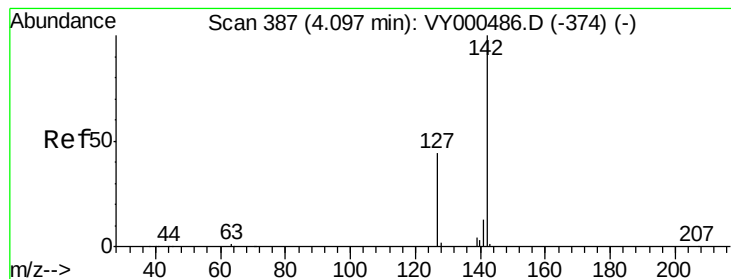
94 100

96 103.1 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY000550.D (-100) (-)





#10

Methvl Iodide

Concen: 3.801 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

TT-017-IDWSO-20191105

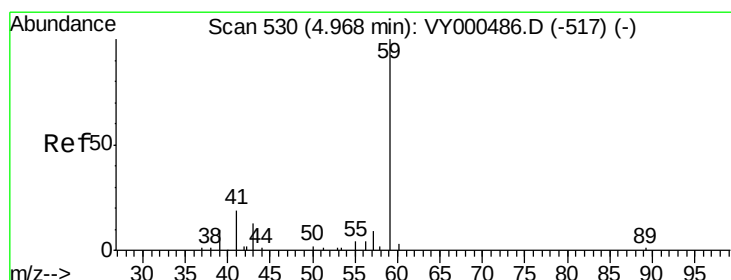
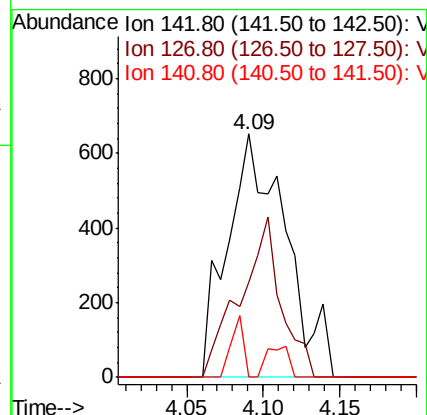
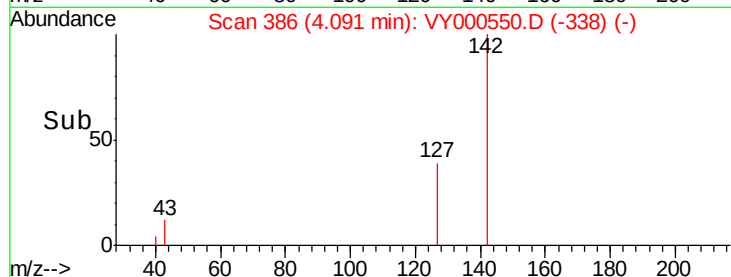
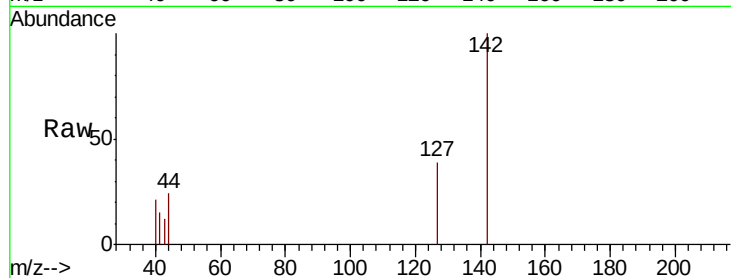
Tot Ion:142 Resp: 1733

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

141 5.3 10.9 16.3#



#11

Tert butyl alcohol

Concen: 8.383 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY000550.D

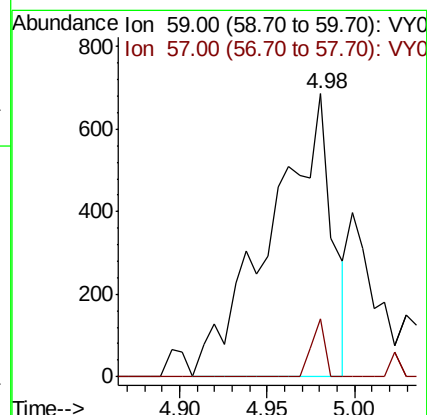
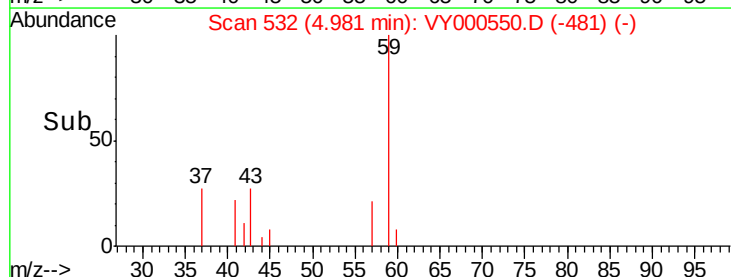
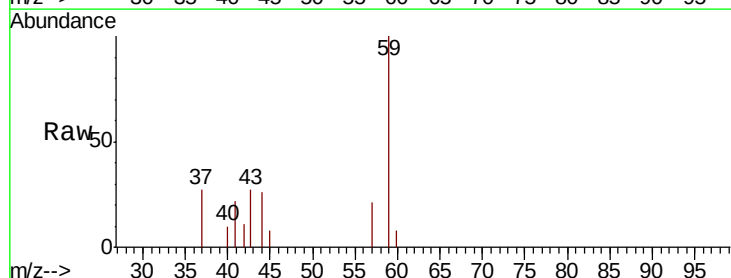
Acq: 06 Nov 2019 14:48

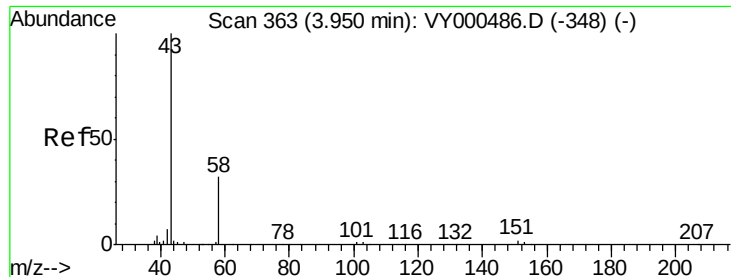
Tgt Ion: 59 Resp: 1682

Ion Ratio Lower Upper

59 100

57 4.5 8.6 12.8#





#16

Acetone

Concen: 53.408 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

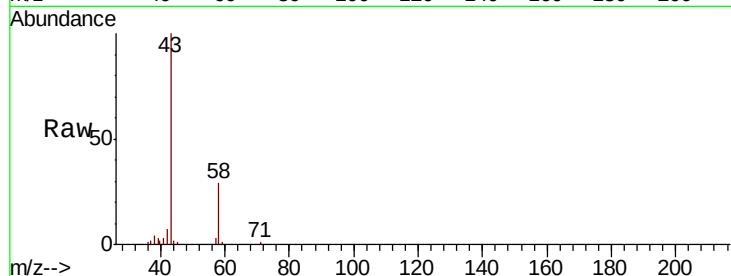
TT-017-IDWSO-20191105

Tot Ion: 43 Resp: 30339

Ion Ratio Lower Upper

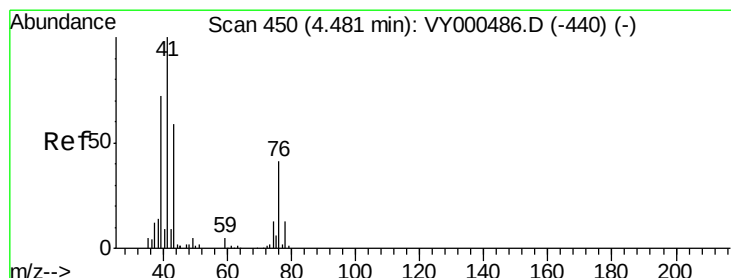
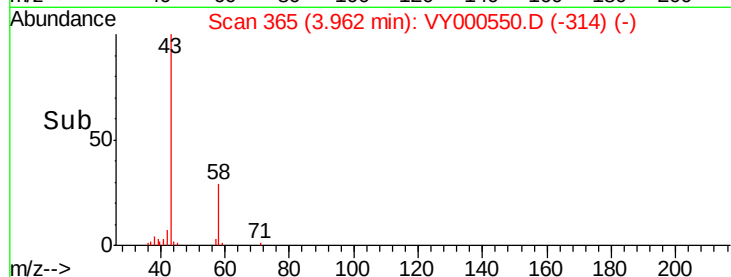
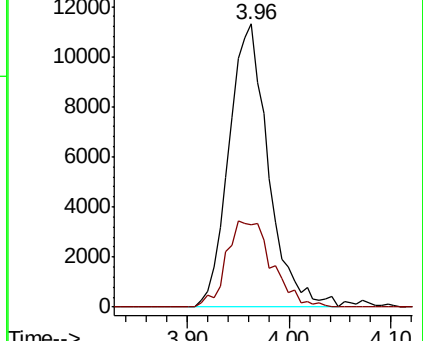
43 100

58 29.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000550.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY000550.D (-314) (-)



#18

Methyl Acetate

Concen: 1.889 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.02 min

Lab File: VY000550.D

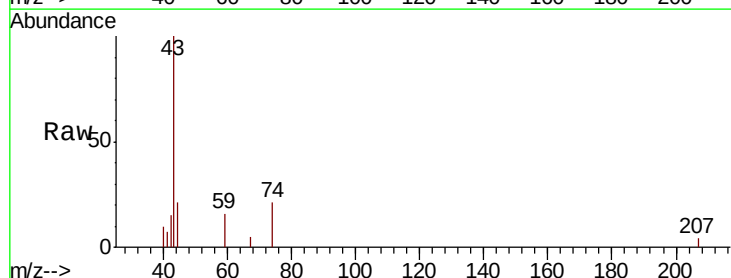
Acq: 06 Nov 2019 14:48

Tgt Ion: 43 Resp: 3336

Ion Ratio Lower Upper

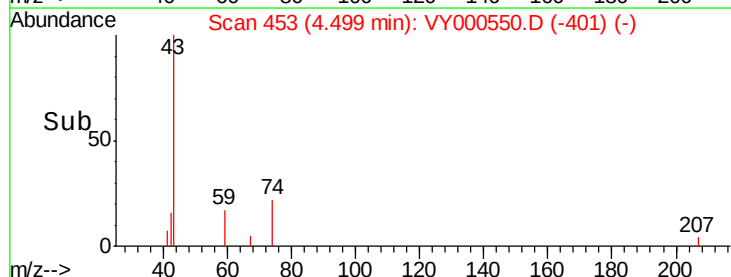
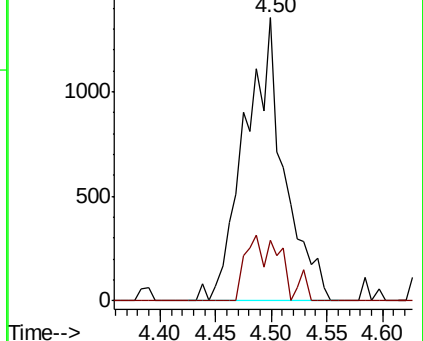
43 100

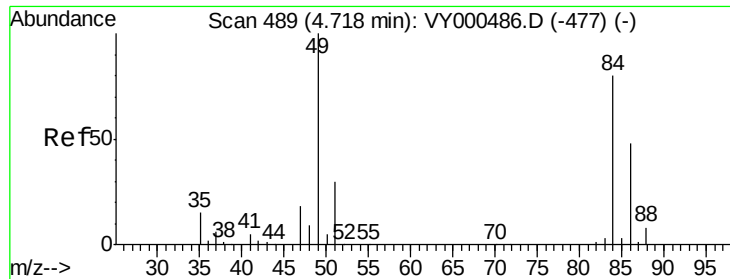
74 10.4 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VY000550.D (-401) (-)

Ion 74.00 (73.70 to 74.70): VY000550.D (-401) (-)

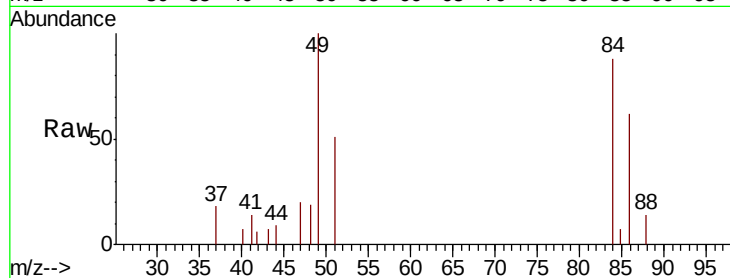




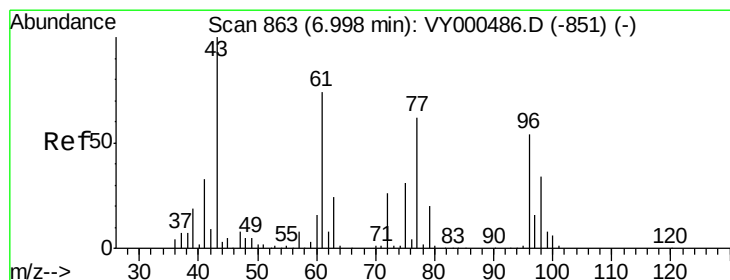
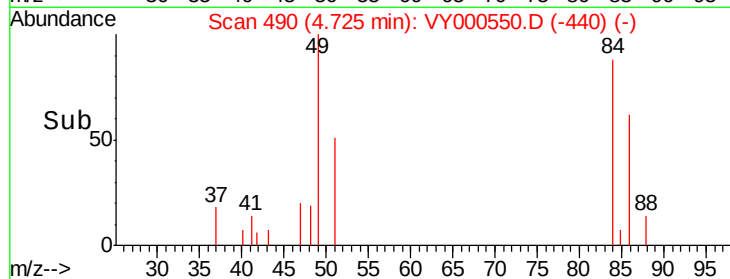
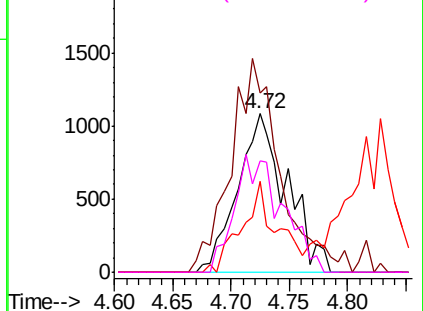
#20
Methylene Chloride
Concen: 1.304 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000550.D
Acq: 06 Nov 2019 14:48

Instrument :
MSVOA_Y
ClientSampleId :
TT-017-IDWSO-20191105

Tot Ion: 84 Resp: 3174
Ion Ratio Lower Upper
84 100
49 113.1 100.2 150.4
51 57.3 29.6 44.4#
86 70.2 48.3 72.5

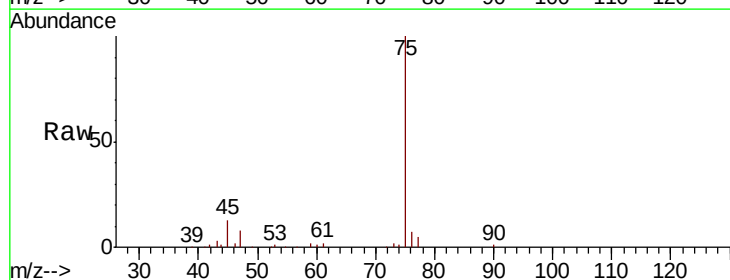


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

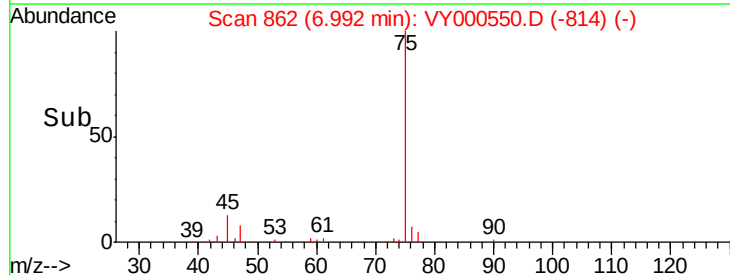
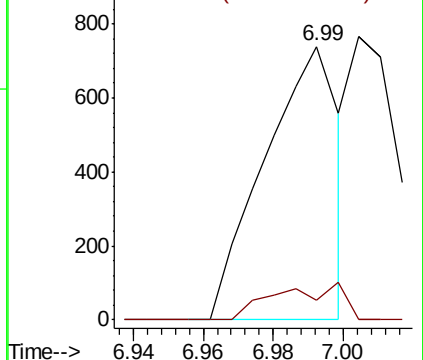


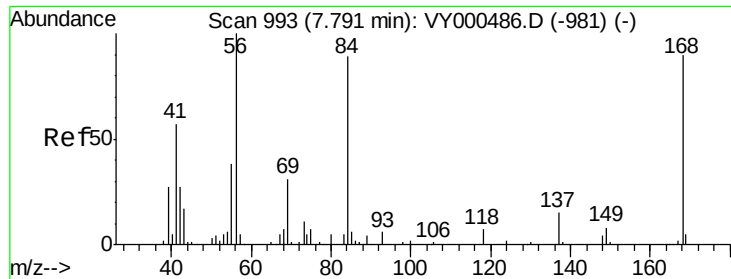
#25
2-Butanone
Concen: 1.205 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000550.D
Acq: 06 Nov 2019 14:48

Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
72 7.3 20.9 31.3#



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

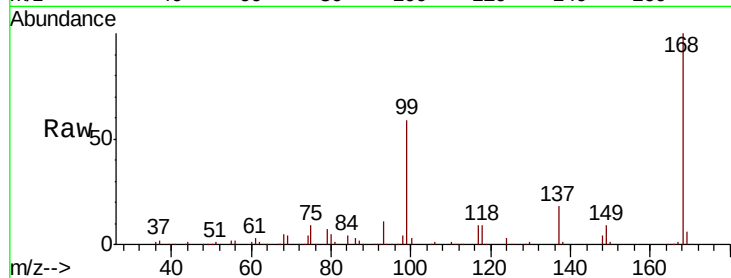




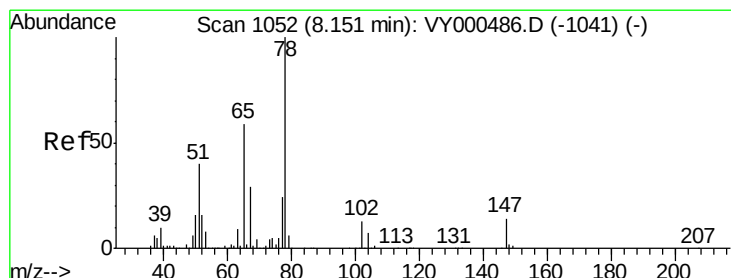
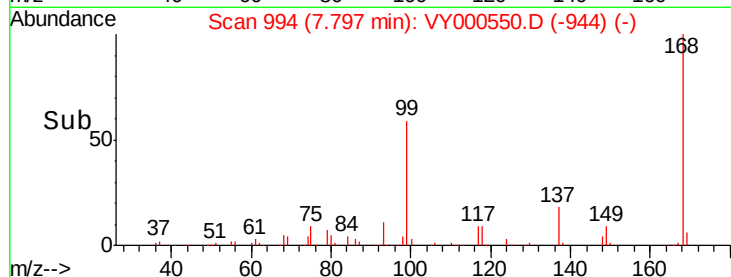
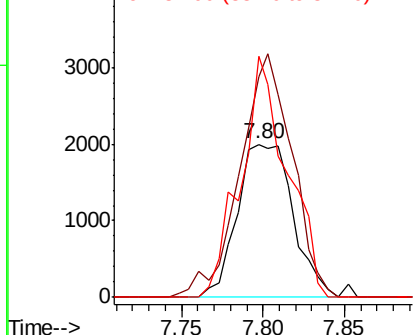
#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000550.D
Acq: 06 Nov 2019 14:48

Instrument :
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Tot Ion: 56 Resp: 4733
Ion Ratio Lower Upper
56 100
69 144.3 25.0 37.6#
84 157.5 71.4 107.2#

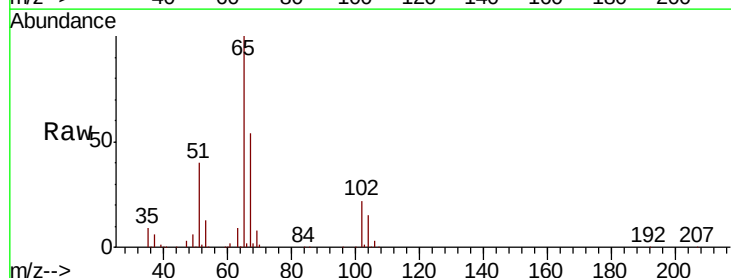


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

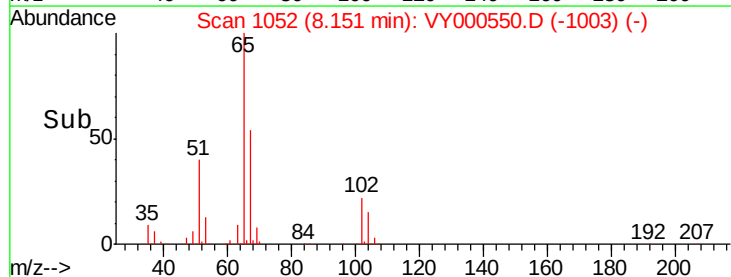
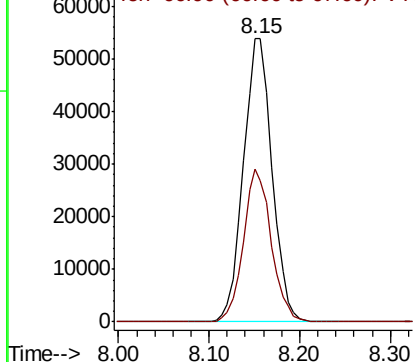


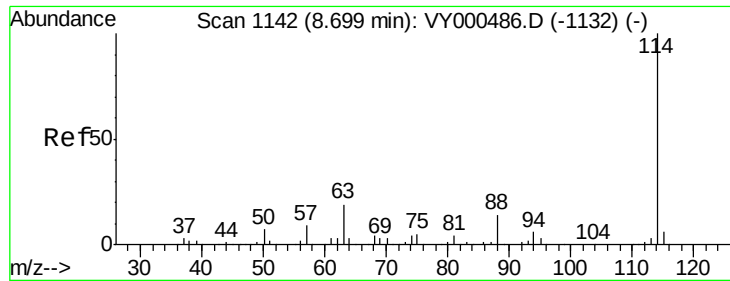
#33
1,2-Dichloroethane-d4
Concen: 57.175 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000550.D
Acq: 06 Nov 2019 14:48

Tgt Ion: 65 Resp: 117843
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2



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: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

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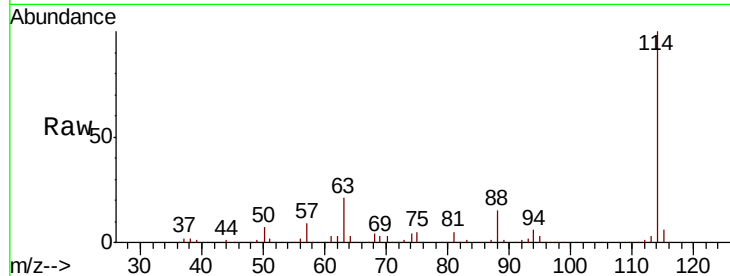
Tot Ion:114 Resp: 354479

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.0

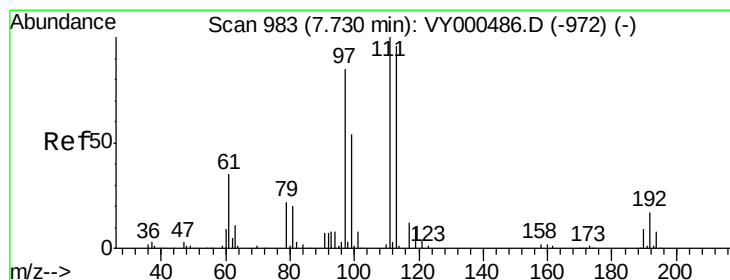
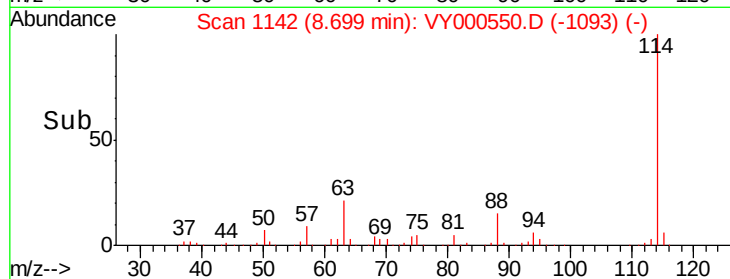
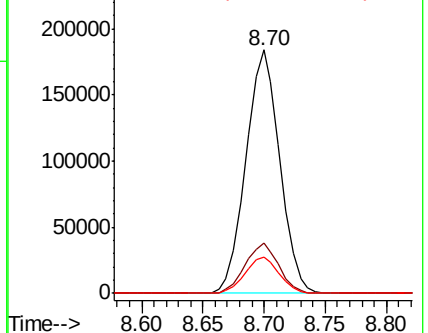
88 14.8 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.422 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

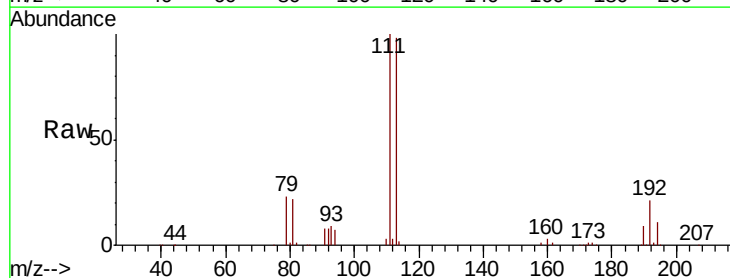
Tgt Ion:113 Resp: 104929

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

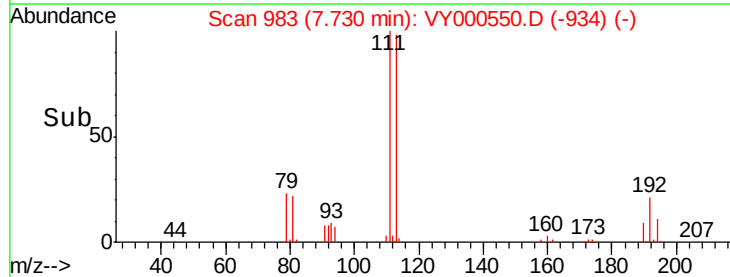
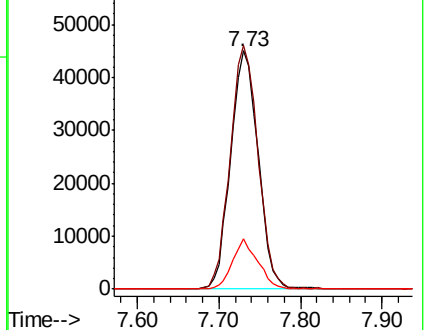
192 19.3 15.0 22.4

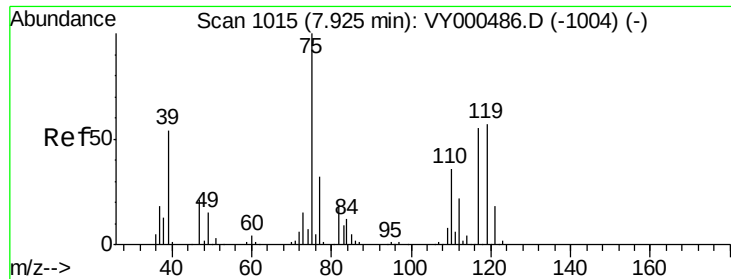


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

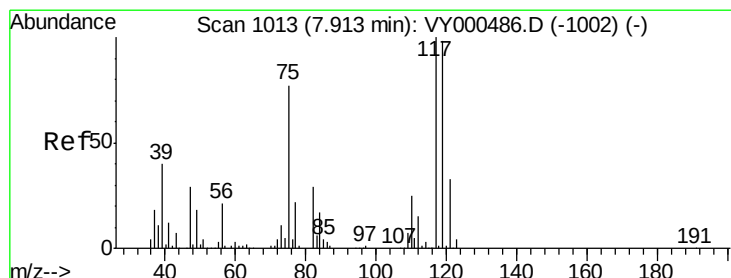
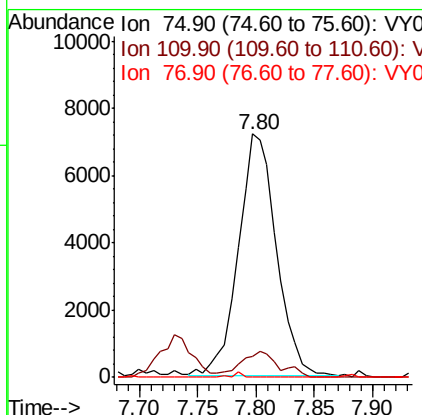
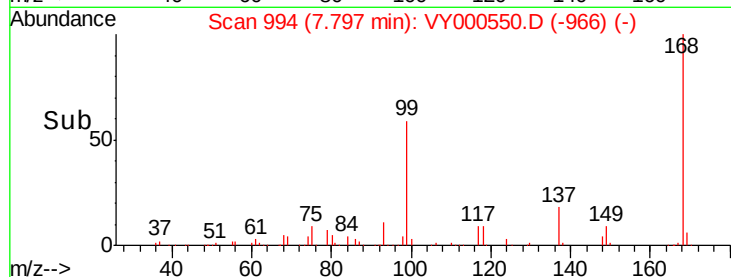
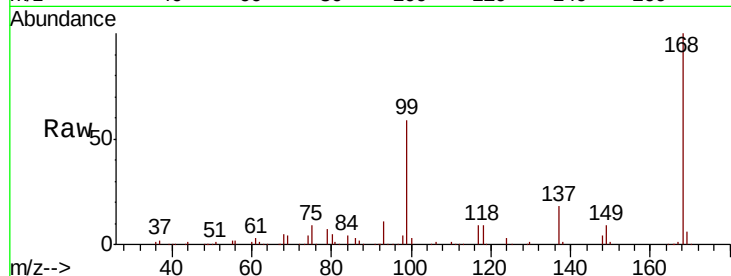




#36
 1,1-Dichloropropene
 Concen: 4.825 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000550.D
 Acq: 06 Nov 2019 14:48

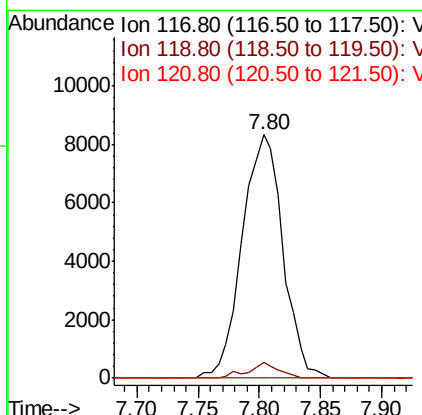
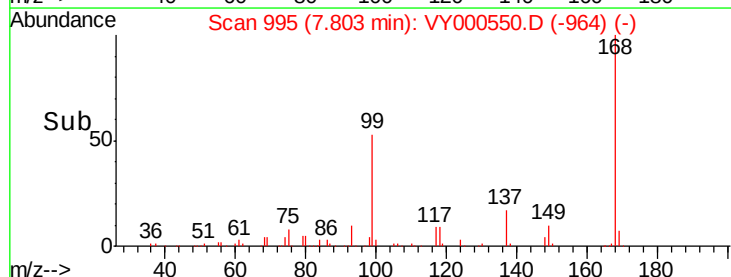
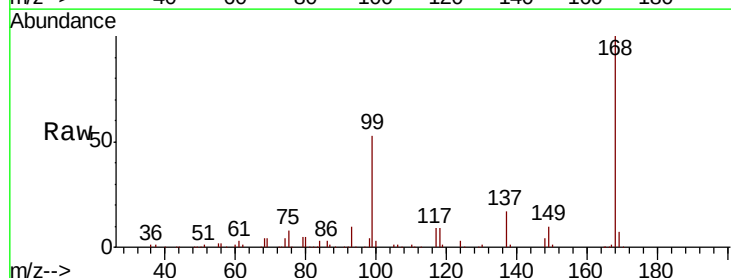
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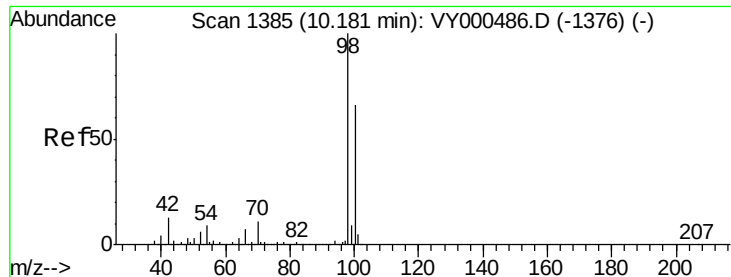
Tot Ion: 75 Resp: 16168
 Ion Ratio Lower Upper
 75 100
 110 10.9 18.1 54.1#
 77 0.5 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.983 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000550.D
 Acq: 06 Nov 2019 14:48

Tgt Ion: 117 Resp: 19293
 Ion Ratio Lower Upper
 117 100
 119 6.4 78.0 117.0#
 121 0.0 26.6 40.0#





#50

Toluene-d8

Concen: 52.121 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

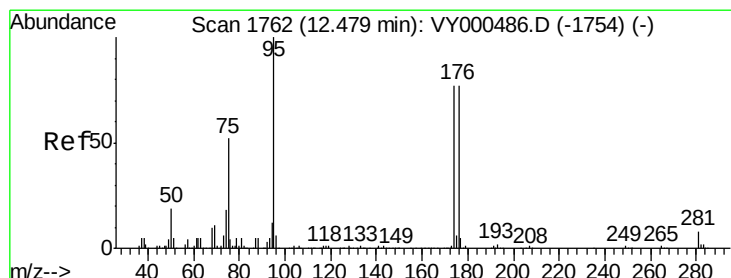
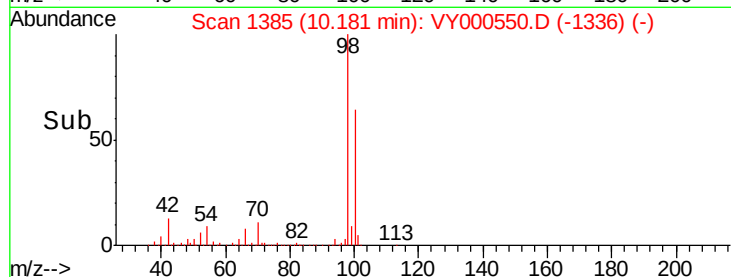
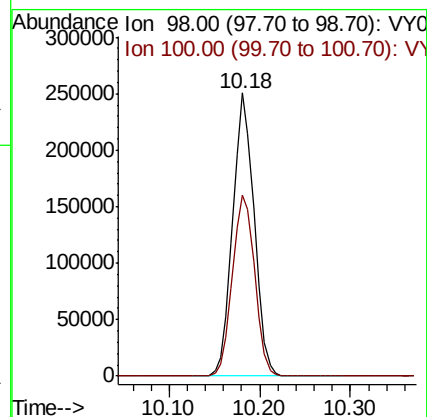
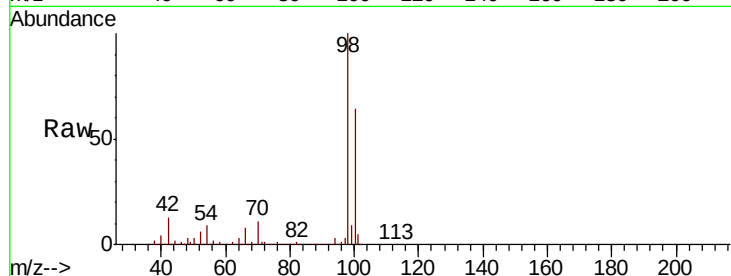
TT-017-IDWSO-20191105

Tot Ion: 98 Resp: 411569

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.217 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

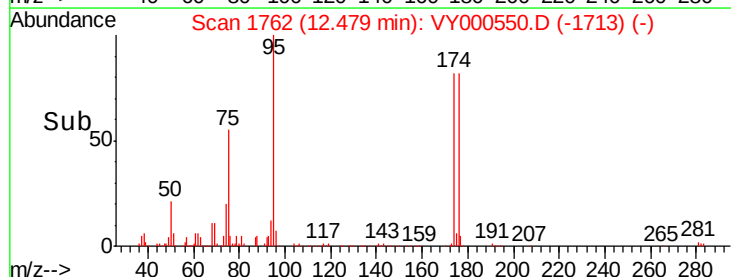
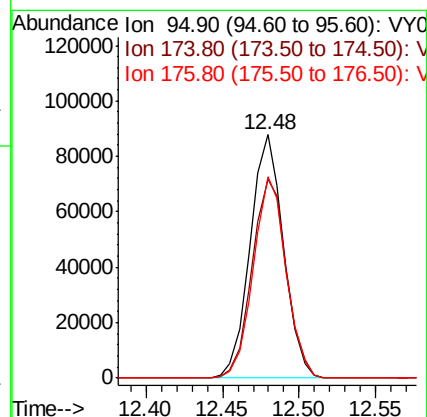
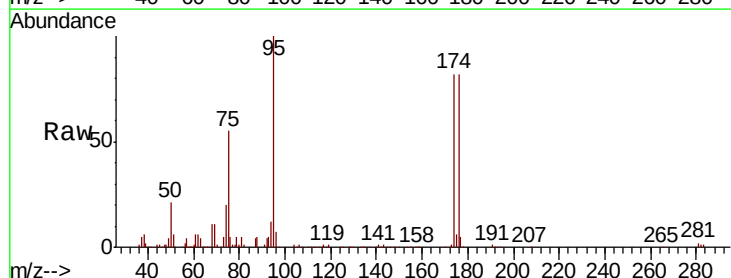
Tgt Ion: 95 Resp: 132922

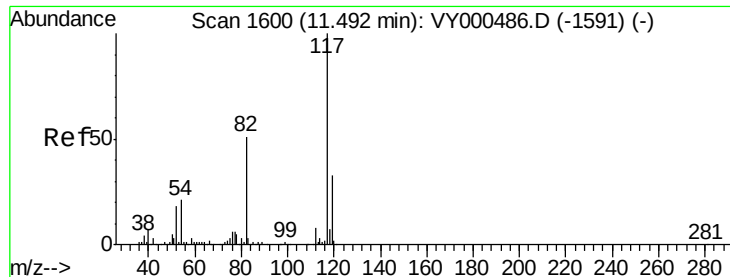
Ion Ratio Lower Upper

95 100

174 84.2 0.0 161.6

176 81.1 0.0 157.8

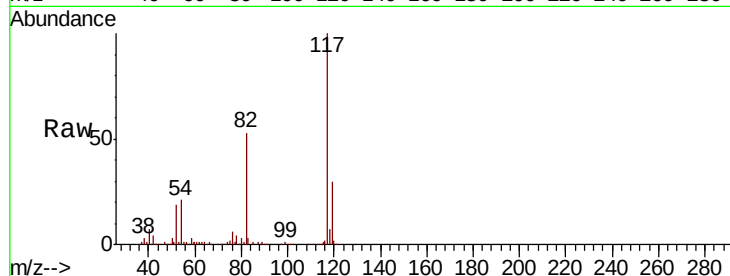




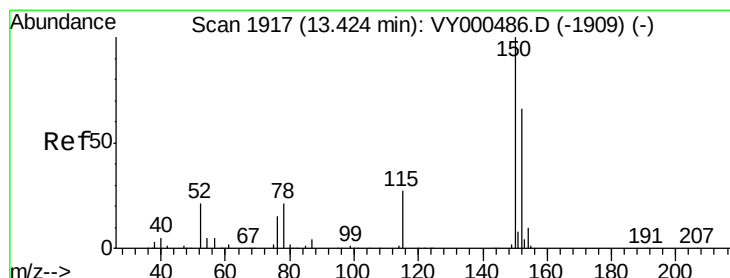
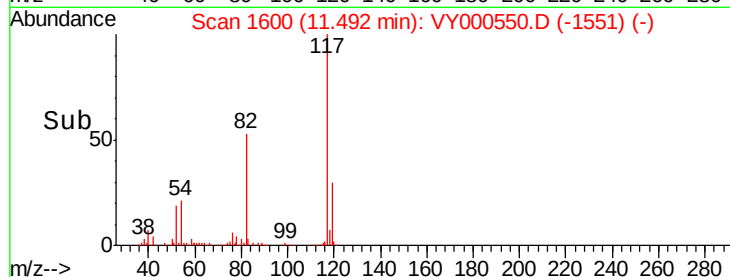
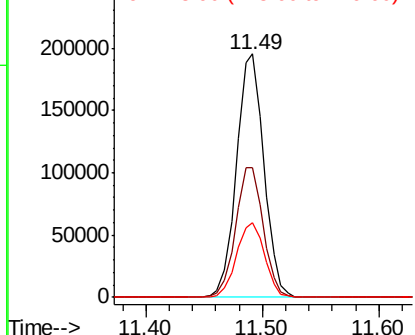
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000550.D
Acq: 06 Nov 2019 14:48

Instrument :
MSVOA_Y
ClientSampleId :
TT-017-IDWSO-20191105

Tot Ion:117 Resp: 320529
Ion Ratio Lower Upper
117 100
82 53.5 40.8 61.2
119 30.4 26.2 39.2

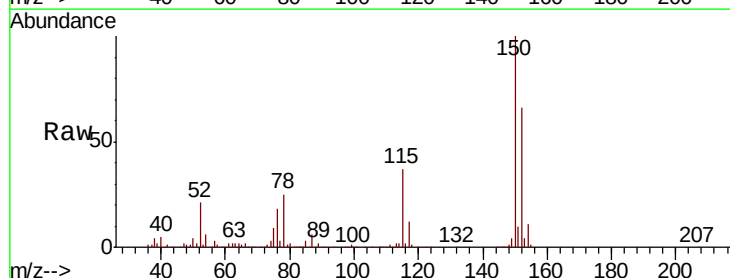


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

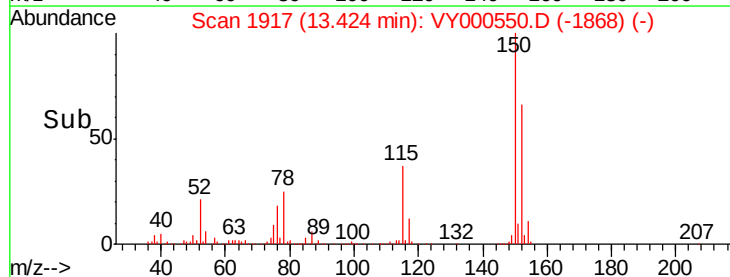
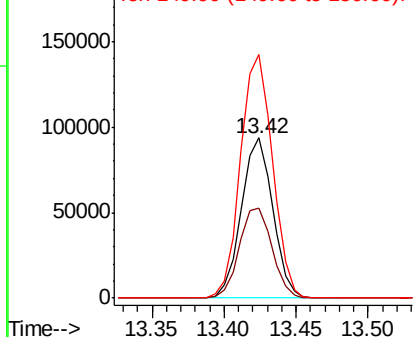


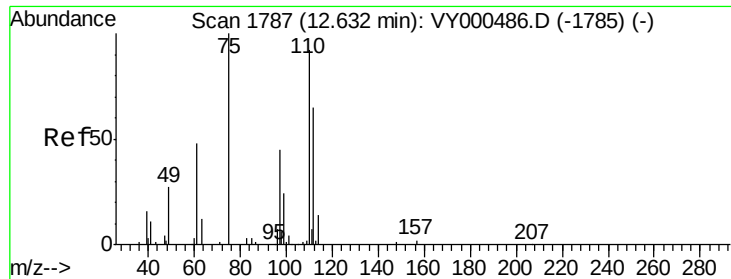
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000550.D
Acq: 06 Nov 2019 14:48

Tgt Ion:152 Resp: 141086
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 155.4 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: 46.153 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Instrument :

MSVOA_Y

ClientSampleId :

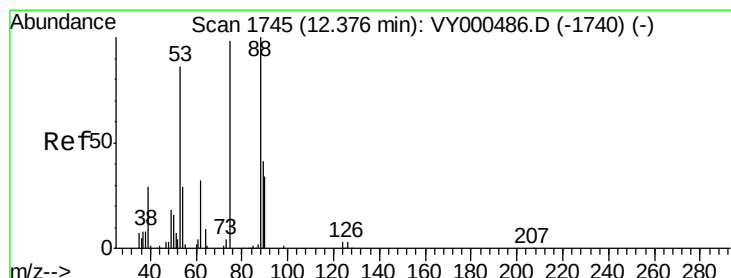
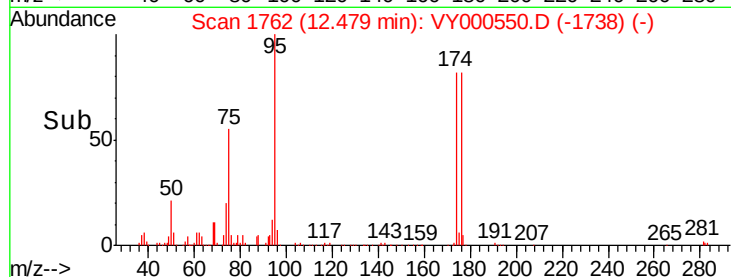
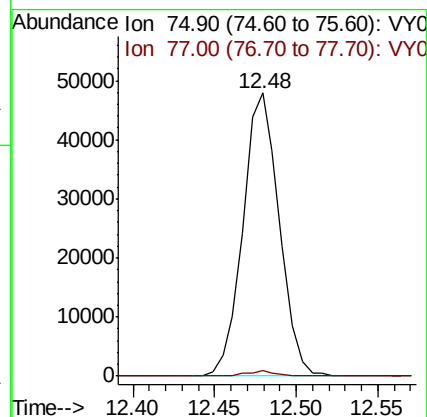
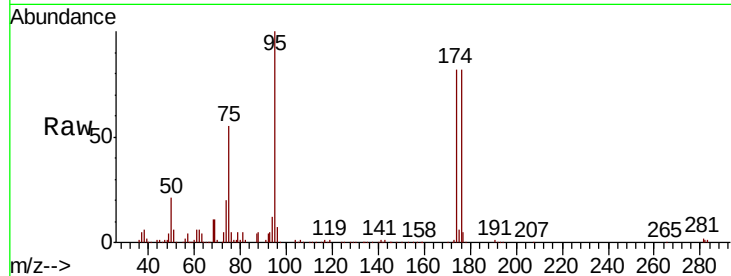
TT-017-IDWSO-20191105

Tot Ion: 75 Resp: 74143

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.481 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000550.D

Acq: 06 Nov 2019 14:48

Tgt Ion: 75 Resp: 74143

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.1 35.9 53.9#

