

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY000995.D
 Acq On : 18 Dec 2019 13:26
 Operator : SY/MD
 Sample : K6357-10RE
 Misc : 5.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 04:53:13 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	234526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	440040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	395991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173440	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	136632	54.83	ug/l	0.00
Spiked Amount			Recovery	=	109.66%	
35) Dibromofluoromethane	7.73	113	125666	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	10.18	98	520068	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.48	95	173781	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	

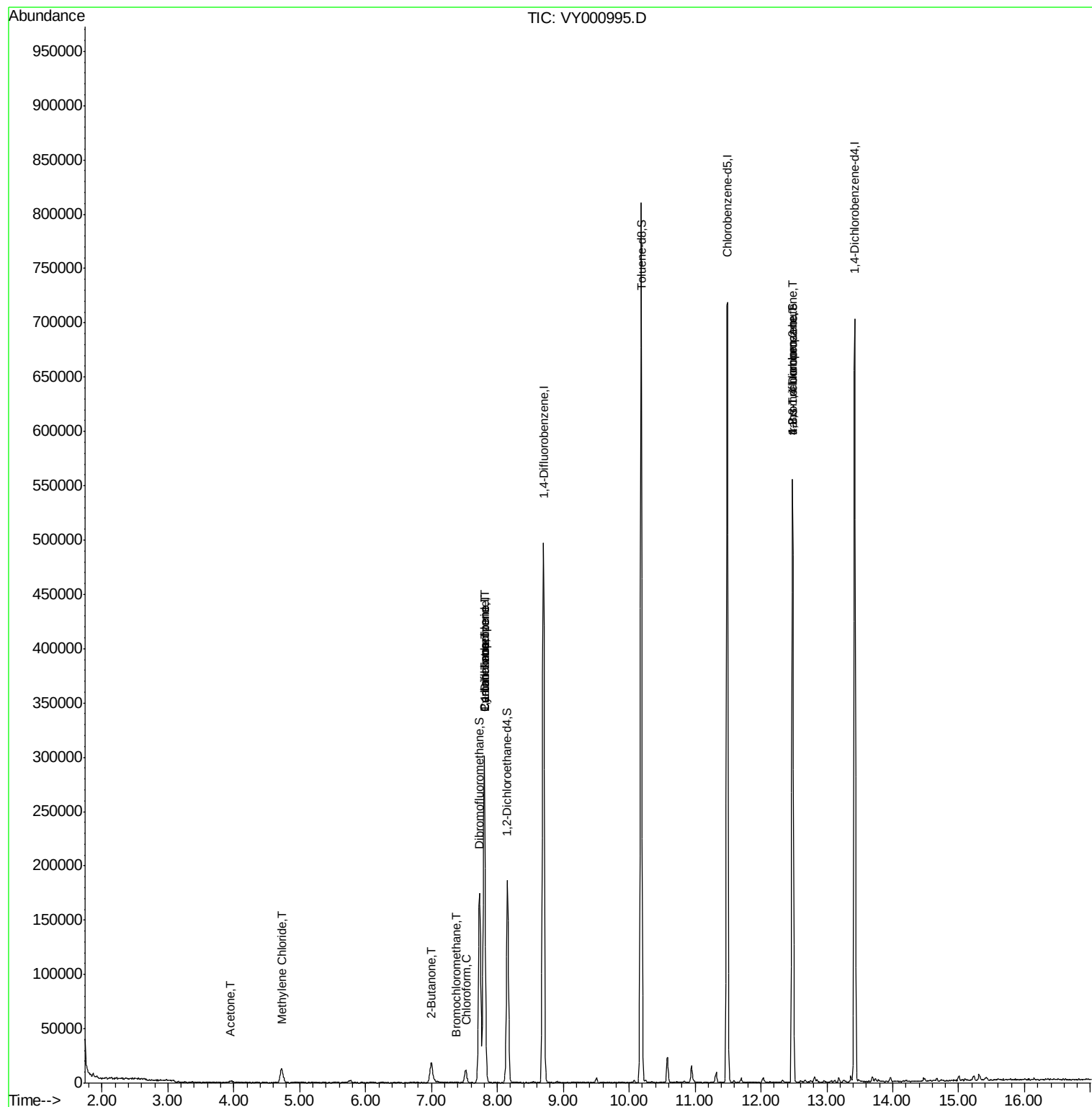
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.64	94	22	Below Cal	#	3
16) Acetone	3.96	43	3452	6.04	ug/l #	83
20) Methylene Chloride	4.72	84	10215	3.39	ug/l #	94
25) 2-Butanone	7.00	43	2274	2.15	ug/l #	69
28) Bromochloromethane	7.36	49	30	2.03	ug/l #	100
30) Chloroform	7.52	83	12213	2.44	ug/l	99
31) Cyclohexane	7.80	56	5334	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	19194	4.39	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22927	5.88	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	86924	44.23	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86924	86.89	ug/l #	18

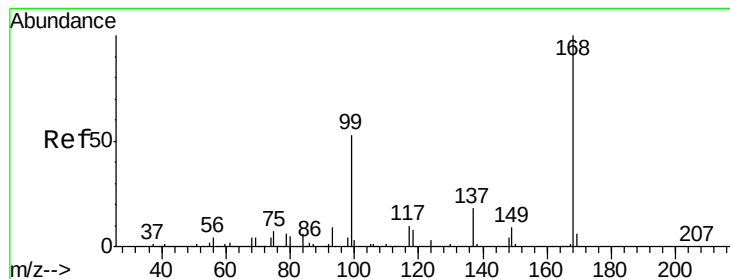
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
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QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000995.D

Acq: 18 Dec 2019 13:26

Instrument :

MSVOA_Y

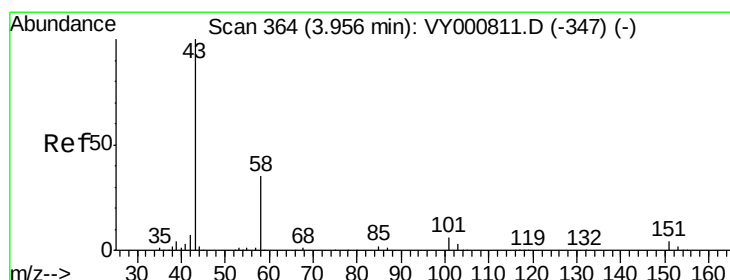
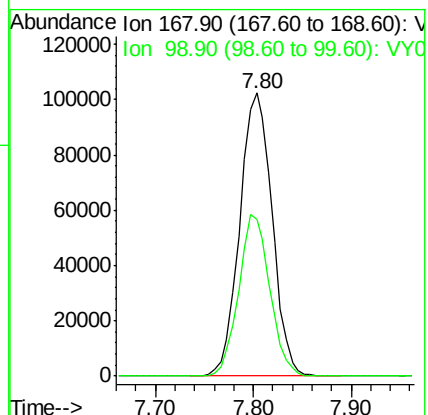
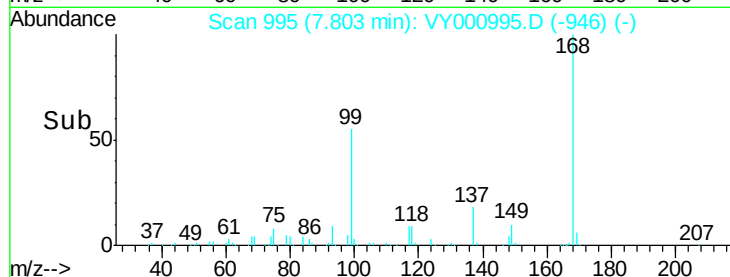
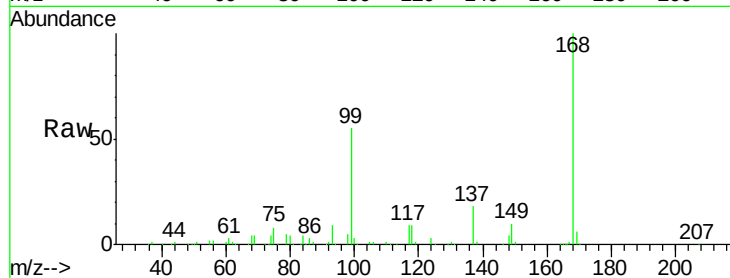
ClientSampleId :

Tot Ion:168 Resp: 234526

Ion Ratio Lower Upper

168 100

99 55.3 45.0 67.6



#16

Acetone

Concen: 6.04 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000995.D

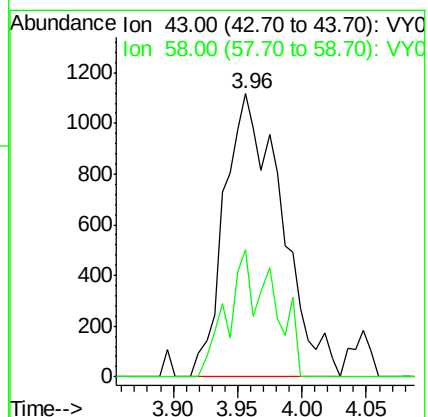
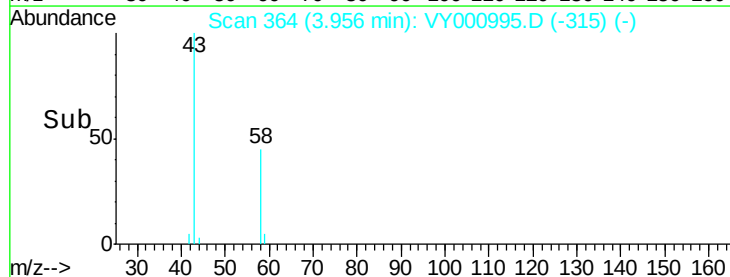
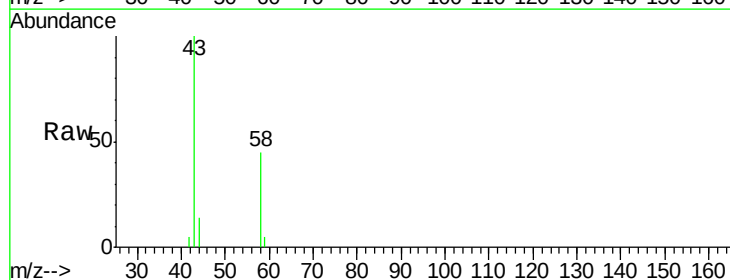
Acq: 18 Dec 2019 13:26

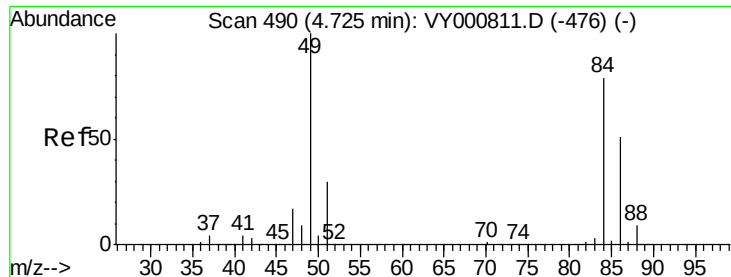
Tgt Ion: 43 Resp: 3452

Ion Ratio Lower Upper

43 100

58 44.8 28.0 42.0#

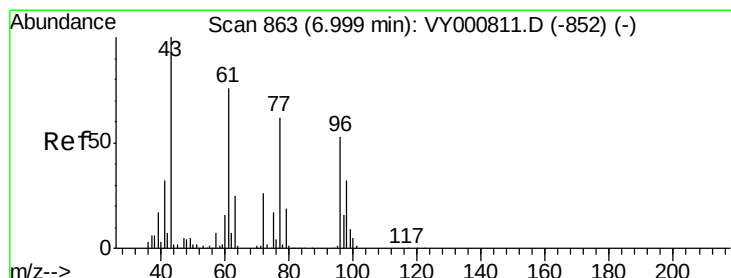
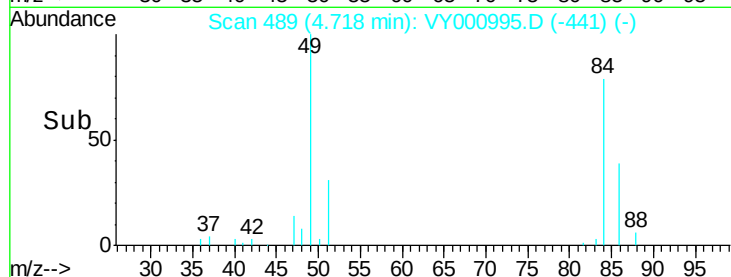
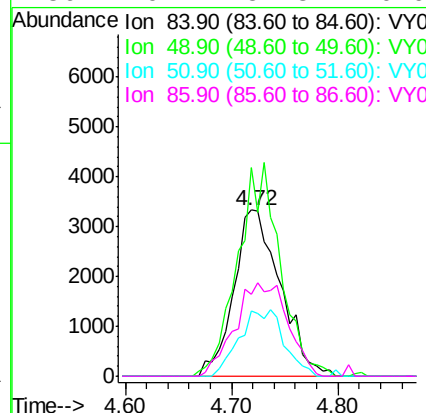
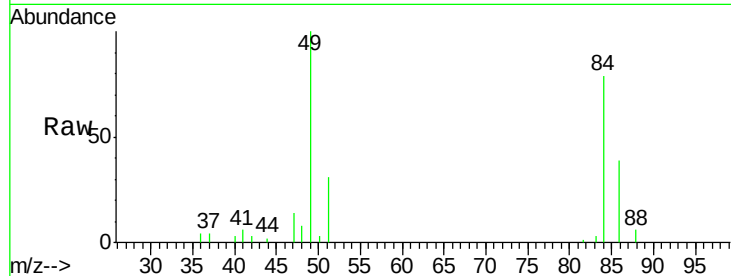




#20
Methvlene Chloride
Concen: 3.39 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000995.D
Acq: 18 Dec 2019 13:26

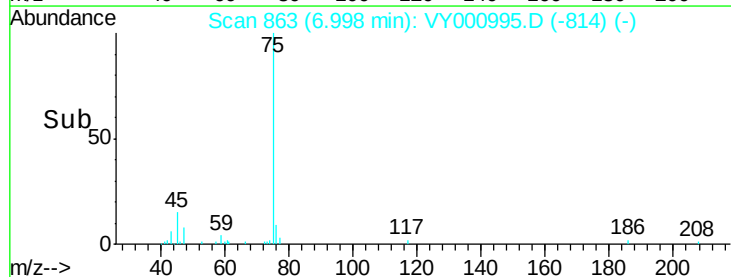
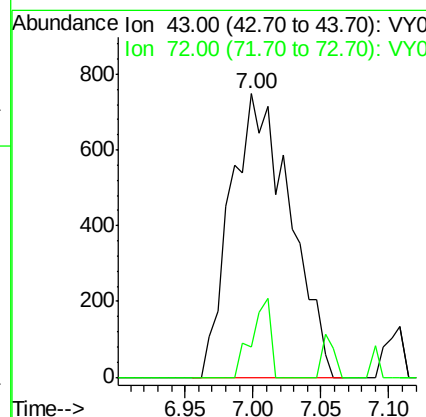
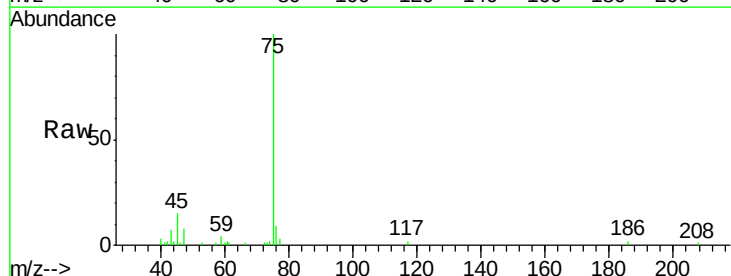
Instrument :
MSVOA_Y
ClientSampleId :

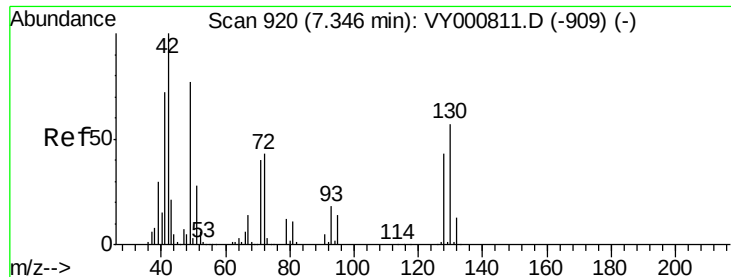
Tot Ion: 84 Resp: 10215
Ion Ratio Lower Upper
84 100
49 125.9 101.3 151.9
51 39.1 30.6 45.8
86 49.4 51.3 76.9#



#25
2-Butanone
Concen: 2.15 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000995.D
Acq: 18 Dec 2019 13:26

Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
72 10.4 21.0 31.4#





#28

Bromochloromethane

Concen: 2.03 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY000995.D

Acq: 18 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

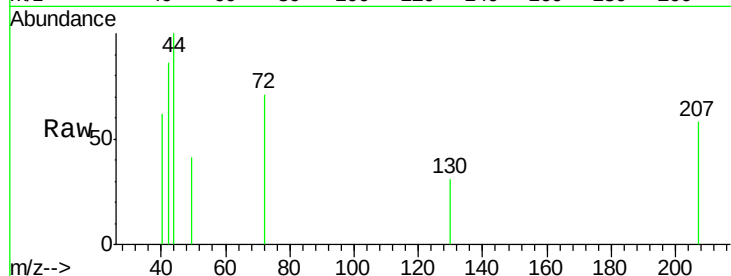
Tot Ion: 49 Resp: 30

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

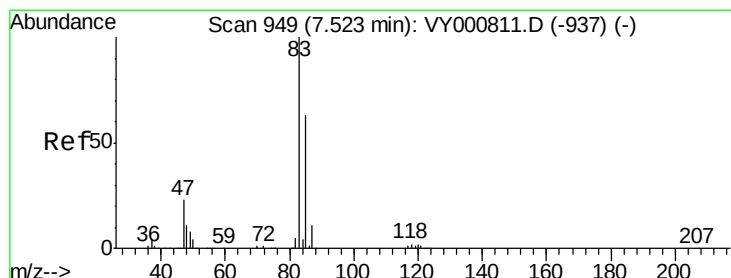
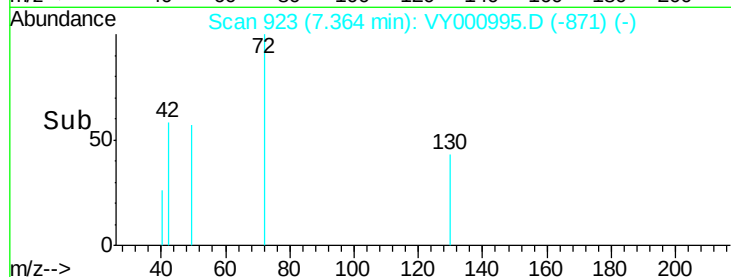
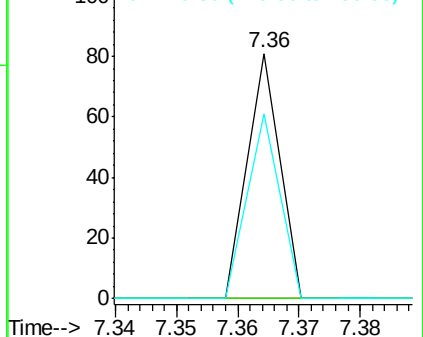
130 73.3 58.7 88.1



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



#30

Chloroform

Concen: 2.44 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.00 min

Lab File: VY000995.D

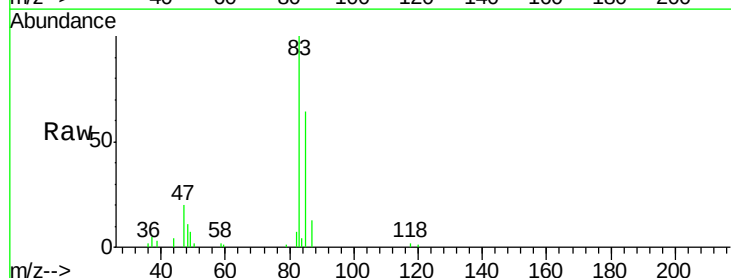
Acq: 18 Dec 2019 13:26

Tgt Ion: 83 Resp: 12213

Ion Ratio Lower Upper

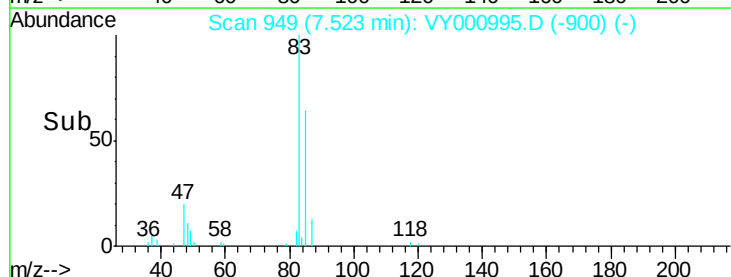
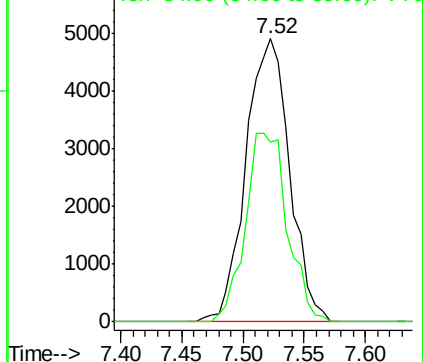
83 100

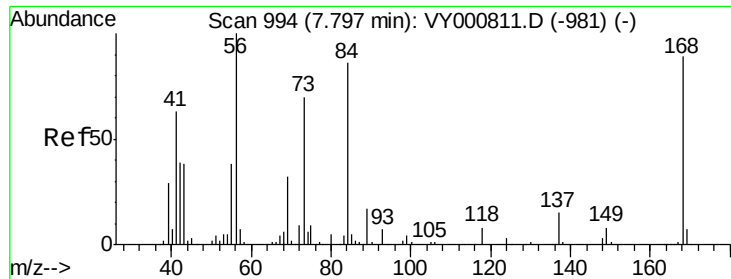
85 63.6 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

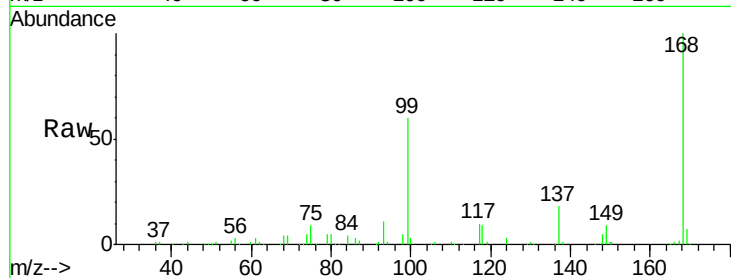




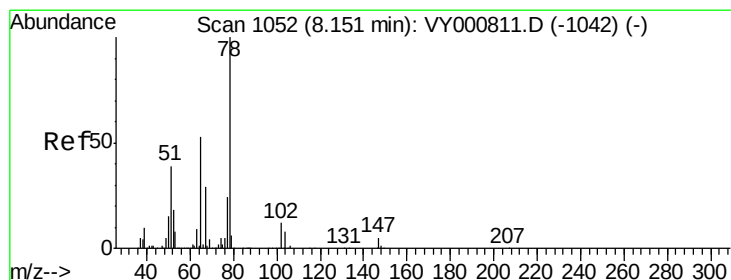
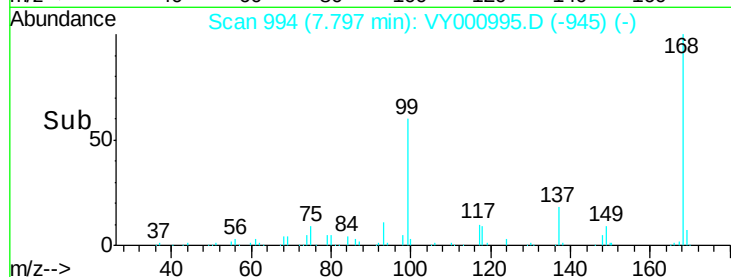
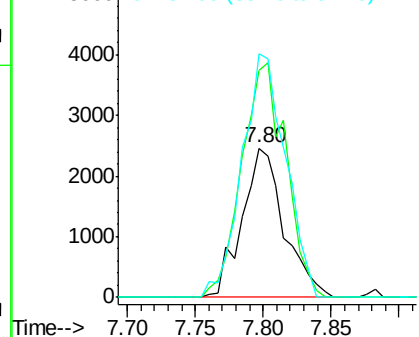
#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000995.D
Acq: 18 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 5334
Ion Ratio Lower Upper
56 100
69 152.5 25.9 38.9#
84 163.3 68.6 102.8#

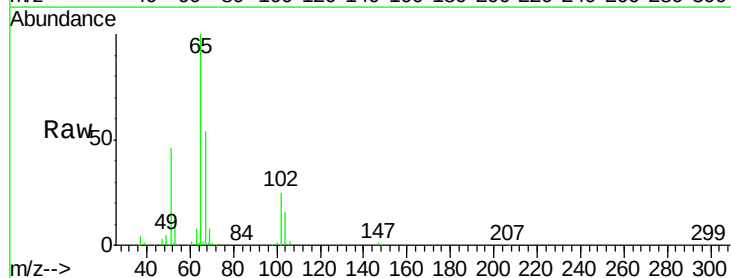


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

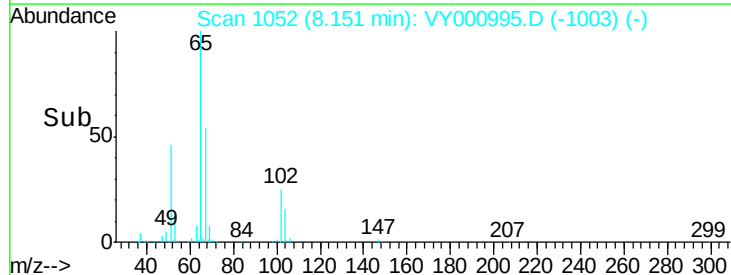
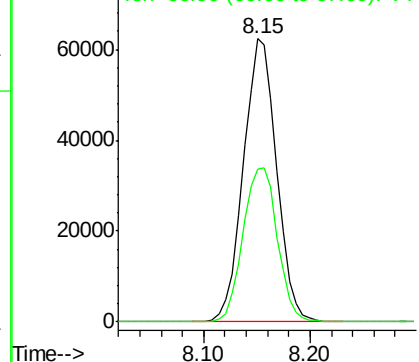


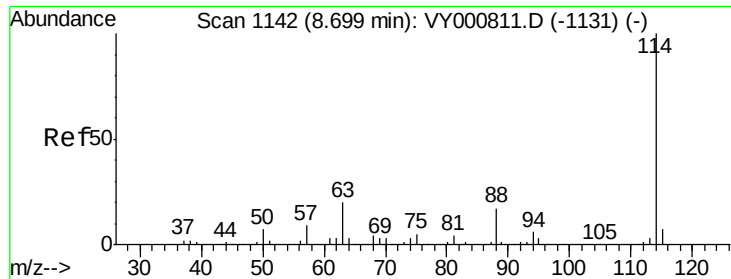
#33
1,2-Dichloroethane-d4
Concen: 54.83 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000995.D
Acq: 18 Dec 2019 13:26

Tgt Ion: 65 Resp: 136632
Ion Ratio Lower Upper
65 100
67 56.3 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: 50.00 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000995.D

Acq: 18 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

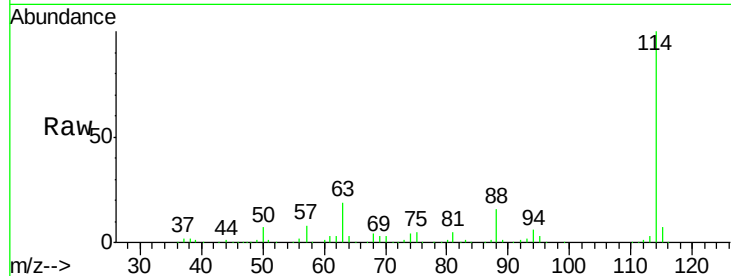
Tot Ion:114 Resp: 440040

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

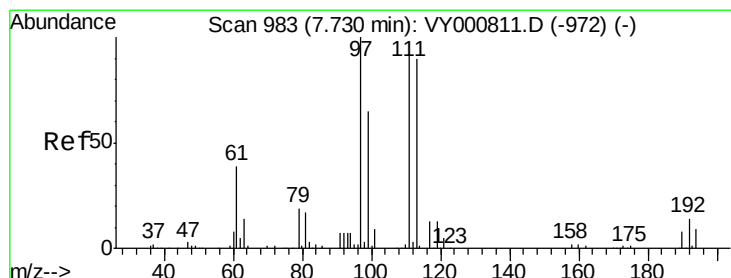
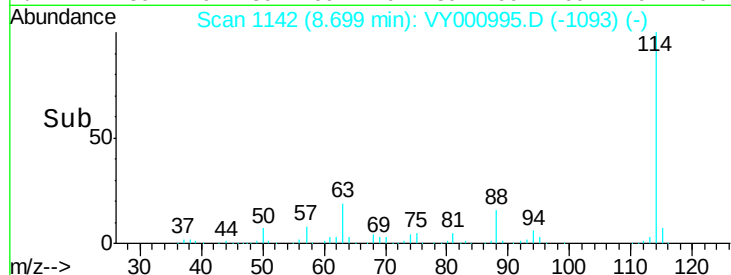
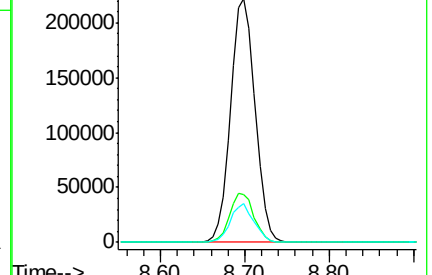
88 15.8 0.0 33.2



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: 49.00 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000995.D

Acq: 18 Dec 2019 13:26

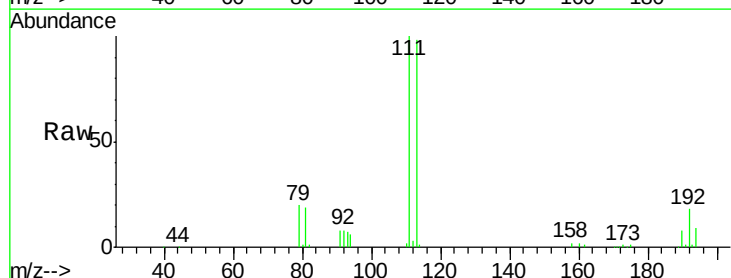
Tgt Ion:113 Resp: 125666

Ion Ratio Lower Upper

113 100

111 105.2 82.4 123.6

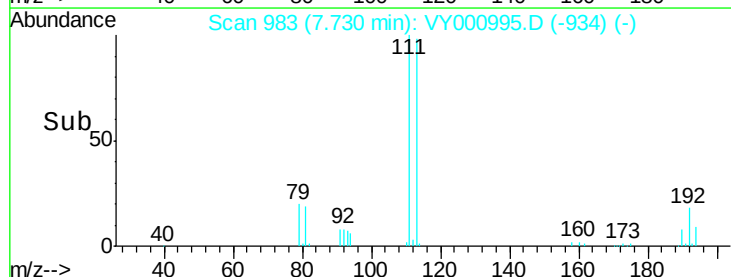
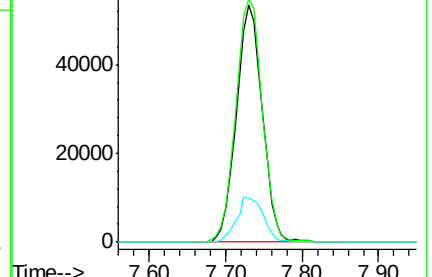
192 19.7 14.2 21.2

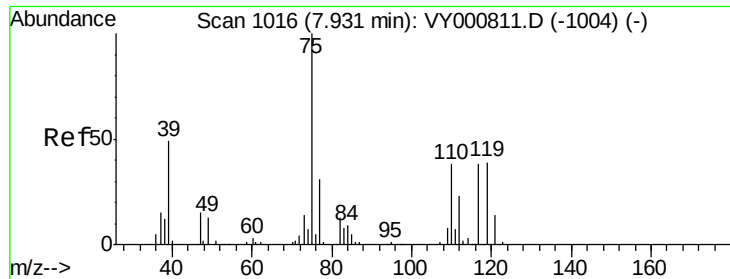


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.39 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000995.D

Acq: 18 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

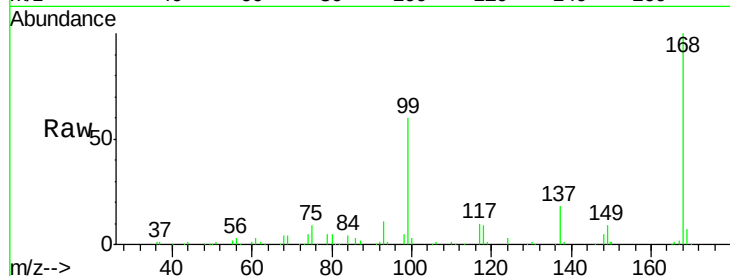
Tot Ion: 75 Resp: 19194

Ion Ratio Lower Upper

75 100

110 9.1 17.9 53.7#

77 0.0 24.7 37.1#

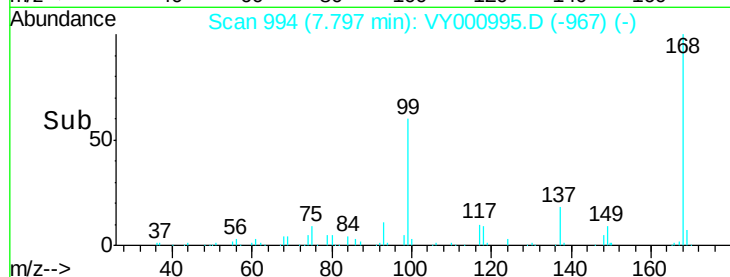


Abundance Ion 74.90 (74.60 to 75.60): VY000995.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY000995.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY000995.D (-967) (-)

Time-->

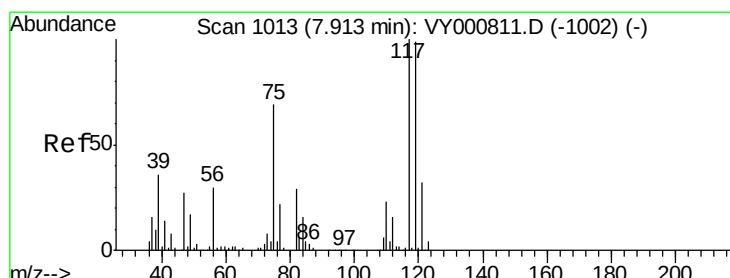


Abundance Ion 74.90 (74.60 to 75.60): VY000995.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY000995.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY000995.D (-967) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.88 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000995.D

Acq: 18 Dec 2019 13:26

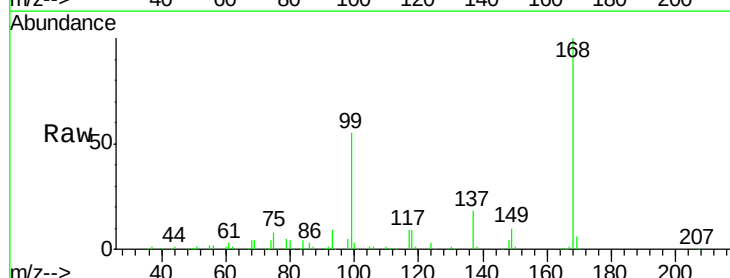
Tgt Ion: 117 Resp: 22927

Ion Ratio Lower Upper

117 100

119 6.7 79.3 118.9#

121 0.0 25.5 38.3#

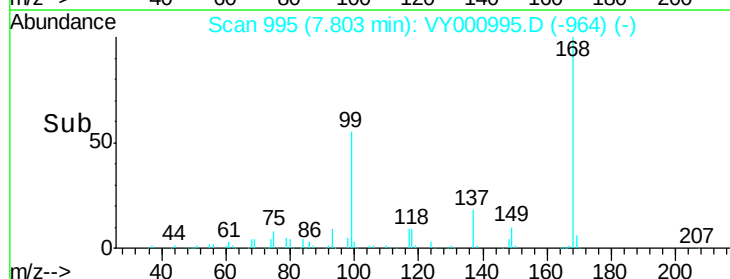


Abundance Ion 116.80 (116.50 to 117.50): VY000995.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000995.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000995.D (-964) (-)

Time-->

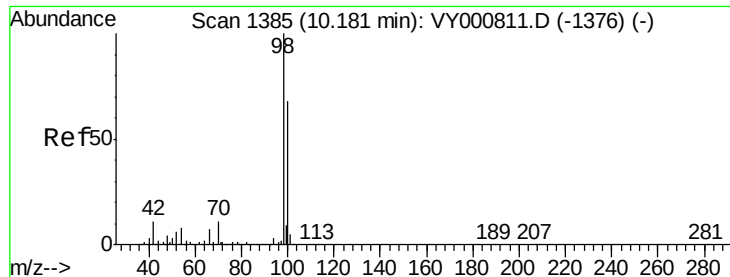


Abundance Ion 116.80 (116.50 to 117.50): VY000995.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000995.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000995.D (-964) (-)

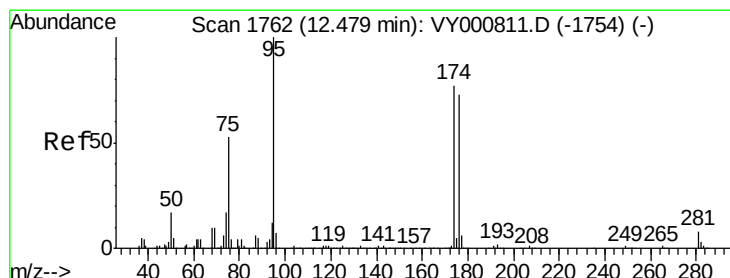
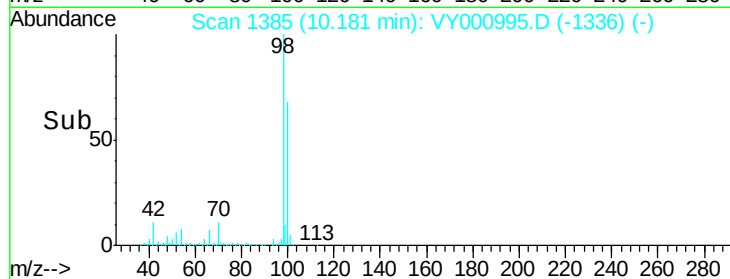
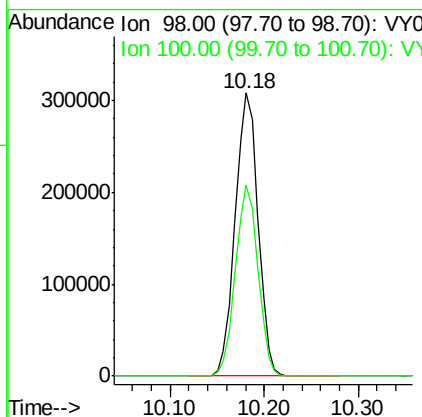
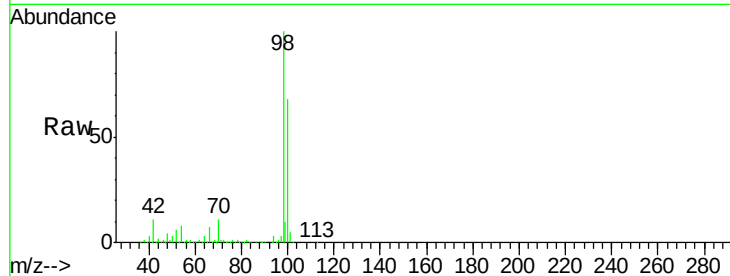
Time-->



#50
Toluene-d8
Concen: 50.72 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000995.D
Acq: 18 Dec 2019 13:26

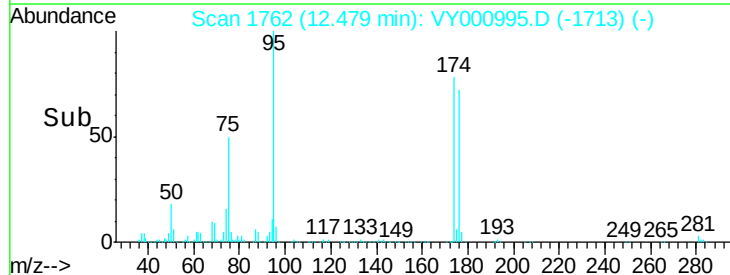
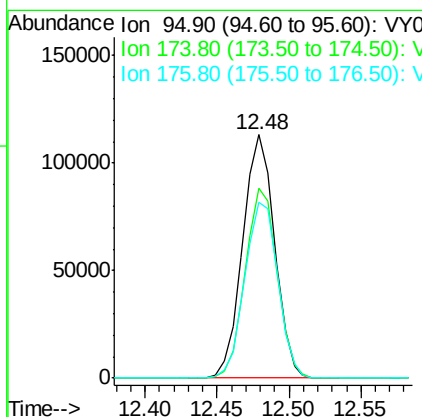
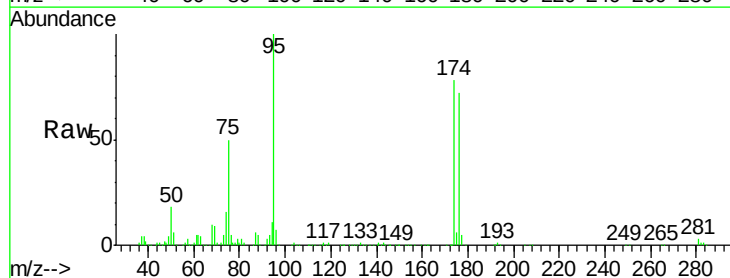
Instrument :
MSVOA_Y
ClientSampleId :

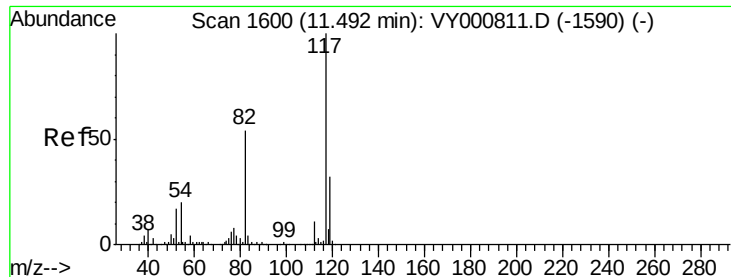
Tot Ion: 98 Resp: 520068
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.13 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000995.D
Acq: 18 Dec 2019 13:26

Tgt Ion: 95 Resp: 173781
Ion Ratio Lower Upper
95 100
174 77.7 0.0 150.6
176 74.7 0.0 145.2

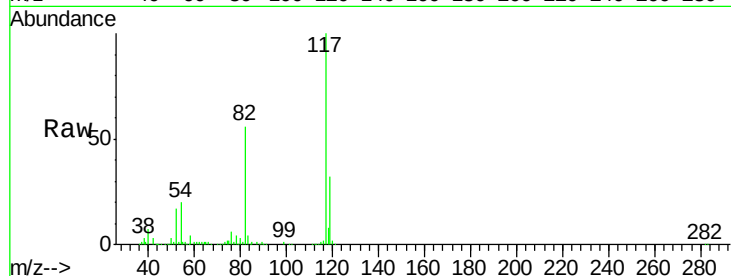




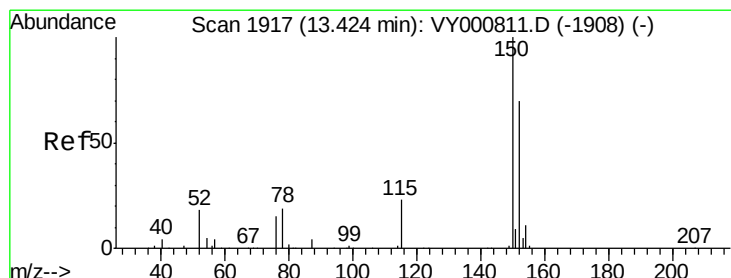
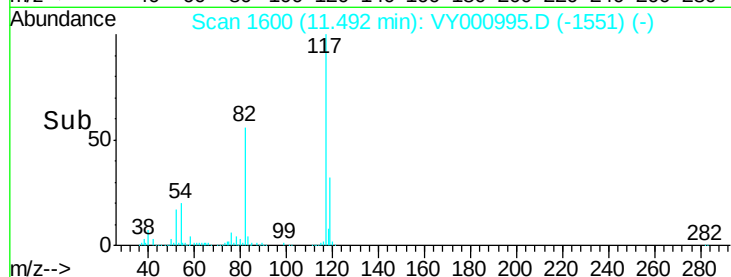
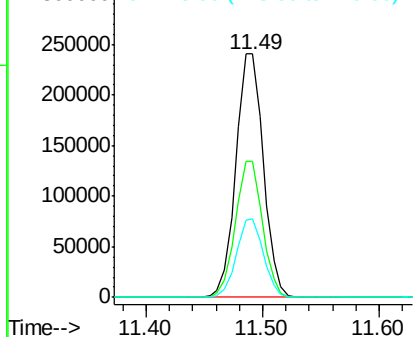
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000995.D
Acq: 18 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 395991
Ion Ratio Lower Upper
117 100
82 55.7 43.1 64.7
119 32.3 25.3 37.9

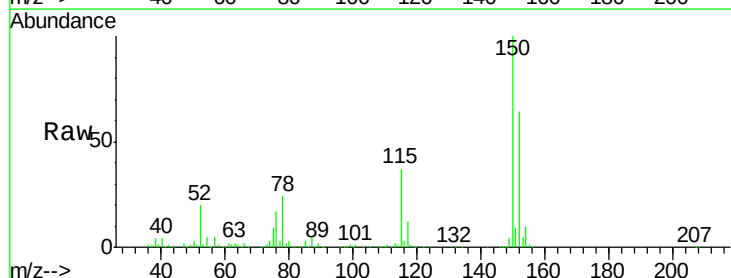


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

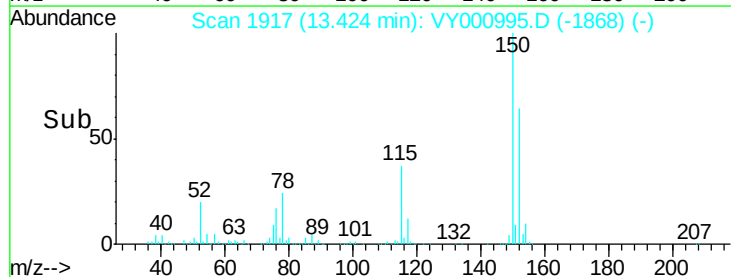
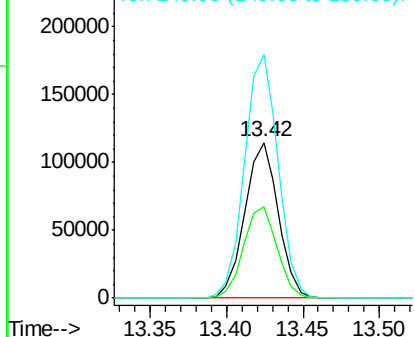


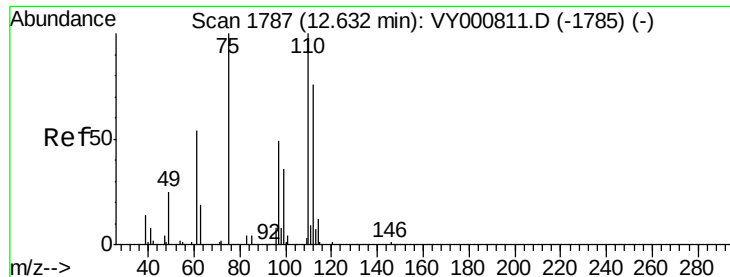
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000995.D
Acq: 18 Dec 2019 13:26

Tgt Ion:152 Resp: 173440
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.8
150 157.9 0.0 351.2



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

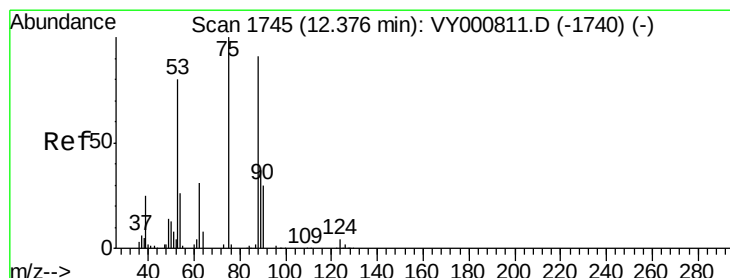
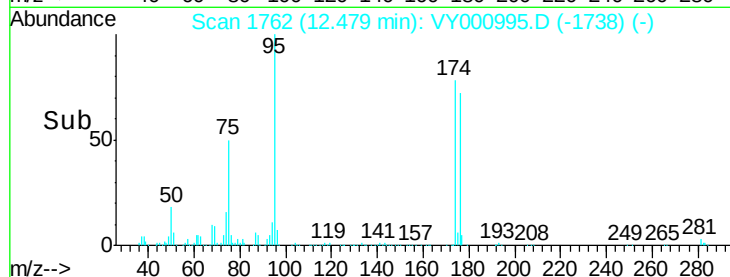
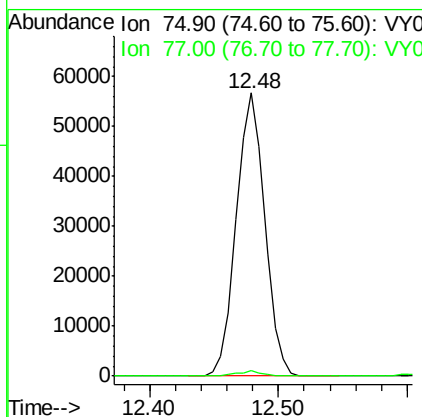
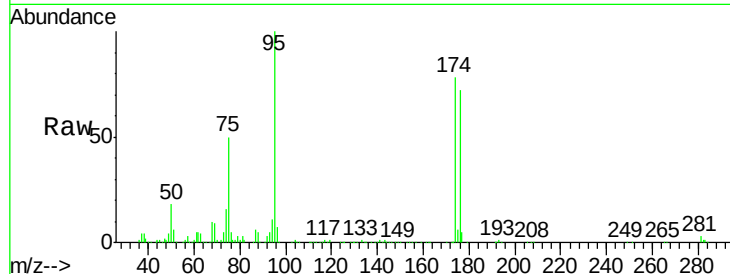




#76
 1,2,3-Trichloropropane
 Concen: 44.23 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY000995.D
 Acq: 18 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 86924
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.89 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000995.D
 Acq: 18 Dec 2019 13:26

Tgt Ion: 75 Resp: 86924
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.6 96.8#
 89 0.3 33.6 50.4#

