

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000910.D
 Acq On : 09 Dec 2019 12:53
 Operator : SY/MD
 Sample : K6117-01
 Misc : 6.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:24:13 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

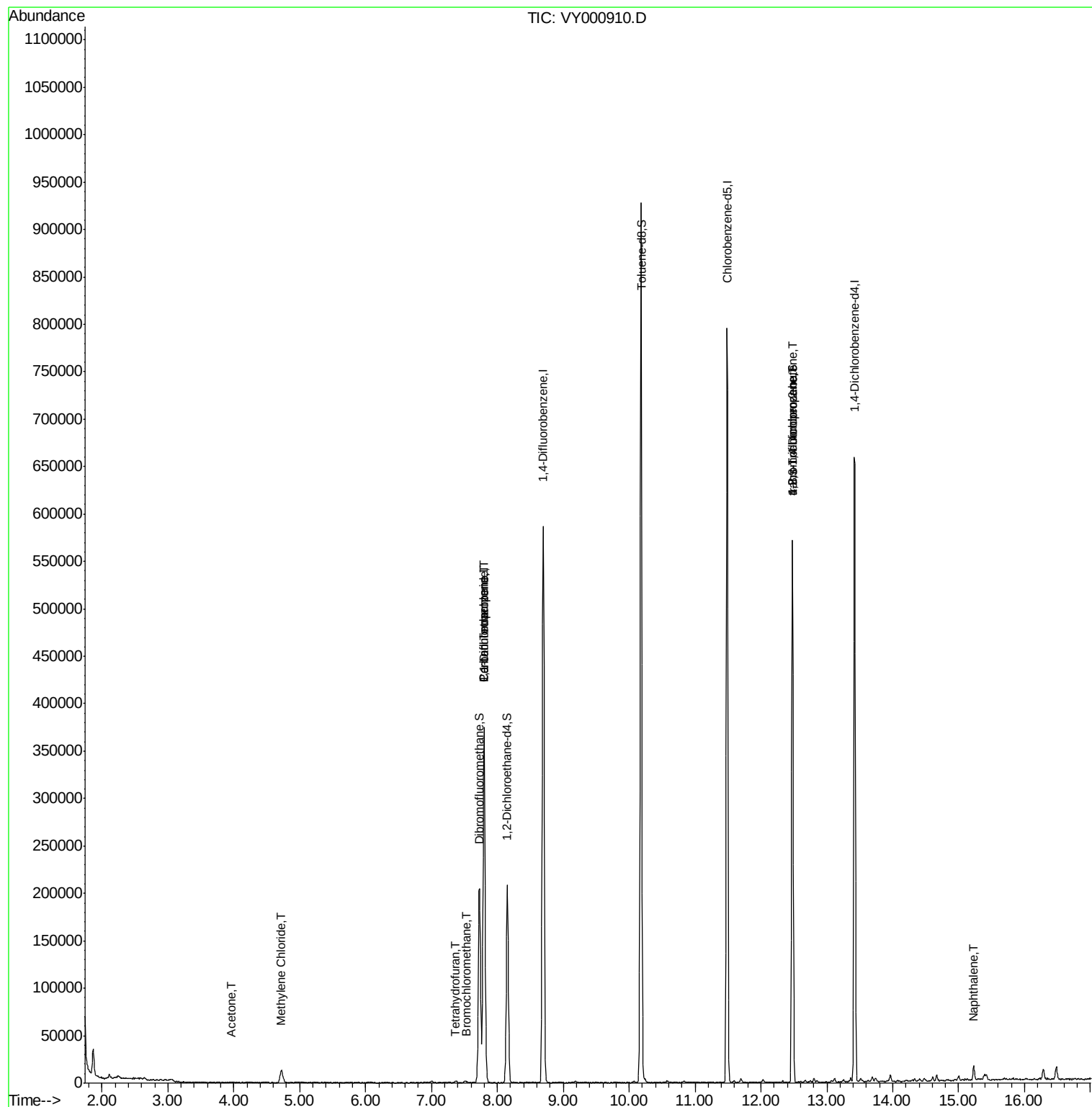
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	283502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156690	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	7.73	113	147169	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.18	98	603464	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.48	95	181263	40.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.62%	
Target Compounds						
5) Bromomethane	2.66	94	406	Below Cal	#	72
16) Acetone	3.96	43	823	1.191	ug/l	93
20) Methylene Chloride	4.72	84	9898	2.717	ug/l #	86
28) Bromochloromethane	7.53	49	114	2.065	ug/l #	15
29) Tetrahydrofuran	7.37	42	951	1.124	ug/l	93
36) 1,1-Dichloropropene	7.80	75	21913	4.289	ug/l #	49
38) Carbon Tetrachloride	7.80	117	27225	5.983	ug/l #	16
76) 1,2,3-Trichloropropane	12.47	75	90312	47.589	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	90312	93.479	ug/l #	17
95) Naphthalene	15.23	128	10894	1.359	ug/l	97

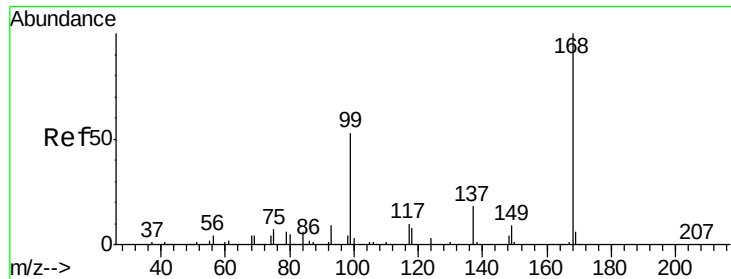
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 995

Delta R.T. -0.00 min

Lab File: VY000910.D

Acq: 09 Dec 2019 12:53

Instrument :

MSVOA_Y

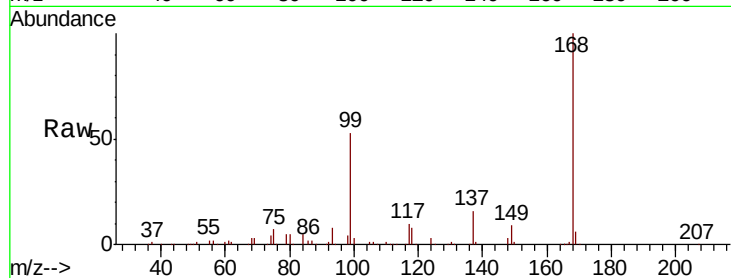
ClientSampleId :

Tot Ion:168 Resp: 283502

Ion Ratio Lower Upper

168 100

99 53.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000910.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000910.D (-946) (-)

7.80

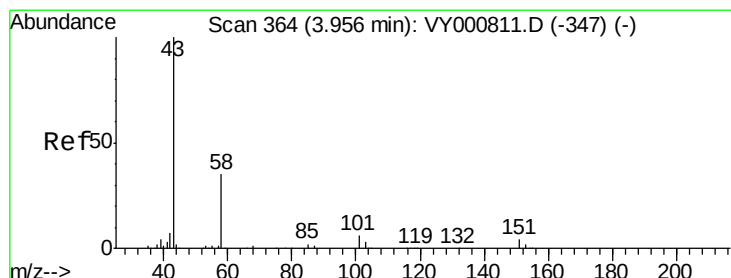
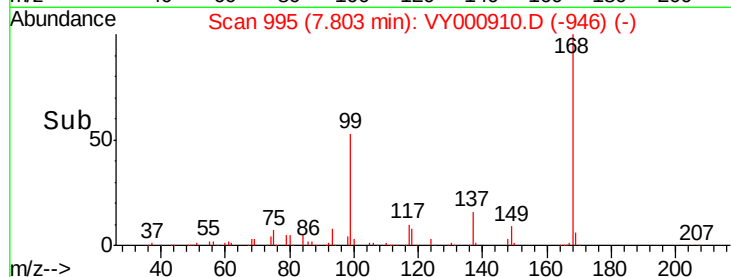
150000

100000

50000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 1.191 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000910.D

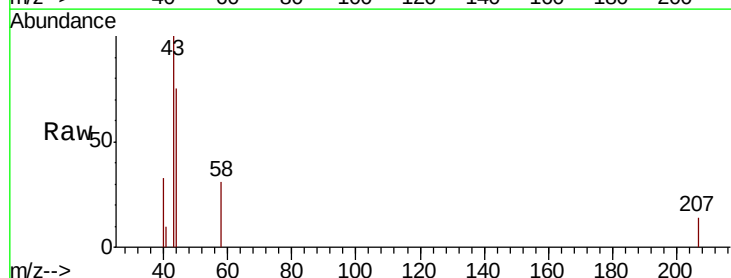
Acq: 09 Dec 2019 12:53

Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

58 31.0 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000910.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000910.D (-315) (-)

3.96

800

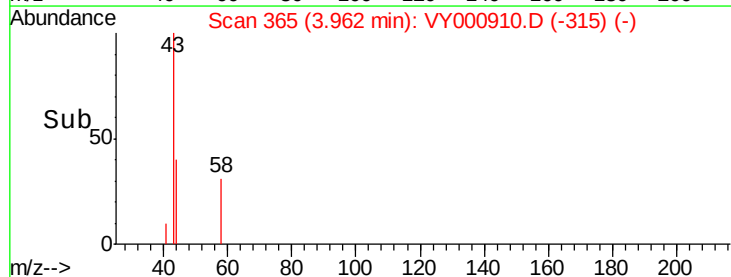
600

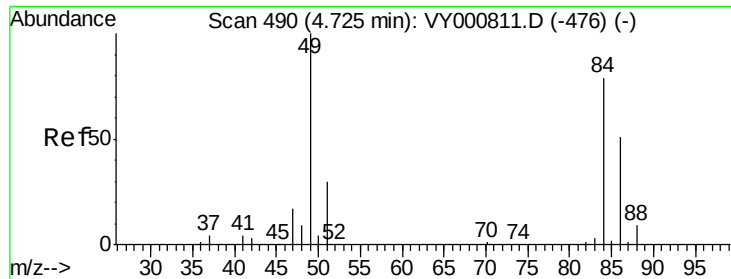
400

200

0

Time--> 3.90 3.92 3.94 3.96 3.98

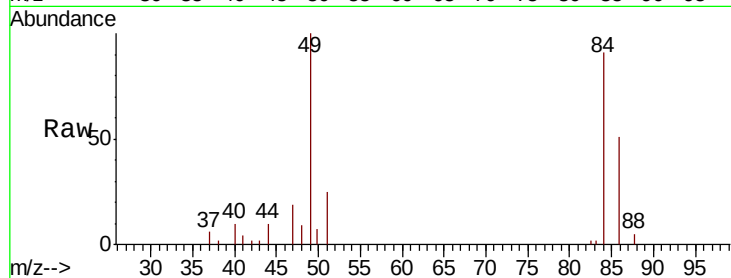




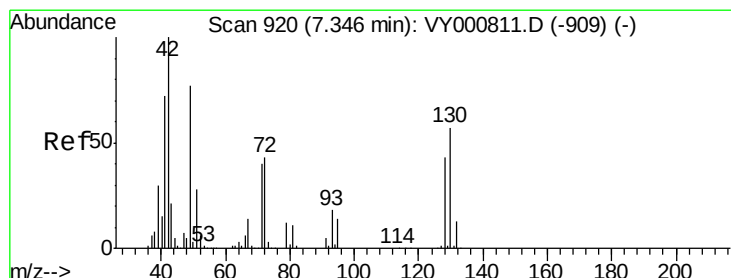
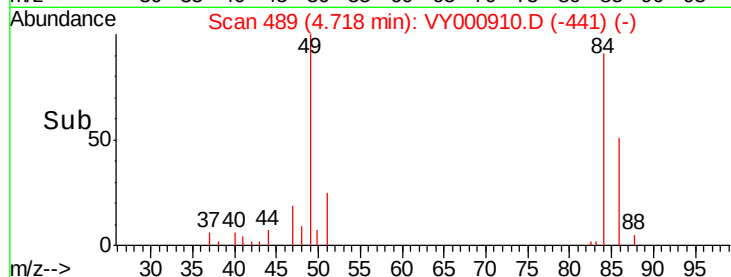
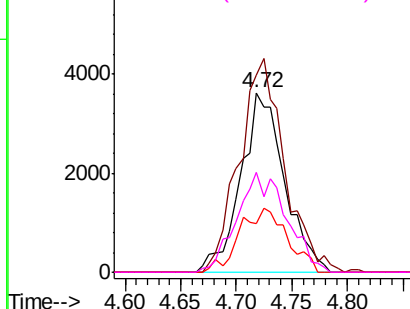
#20
Methylene Chloride
Concen: 2.717 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000910.D
Acq: 09 Dec 2019 12:53

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 84 Resp: 9898
Ion Ratio Lower Upper
84 100
49 110.0 101.3 151.9
51 27.4 30.6 45.8#
86 56.0 51.3 76.9

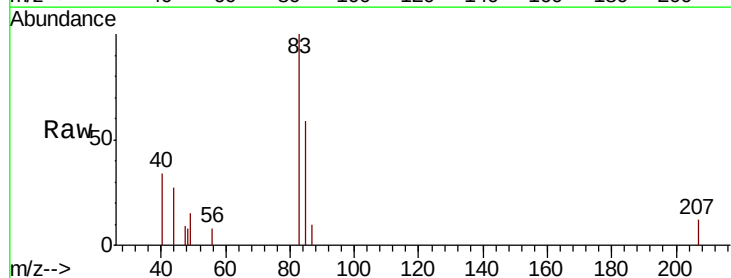


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

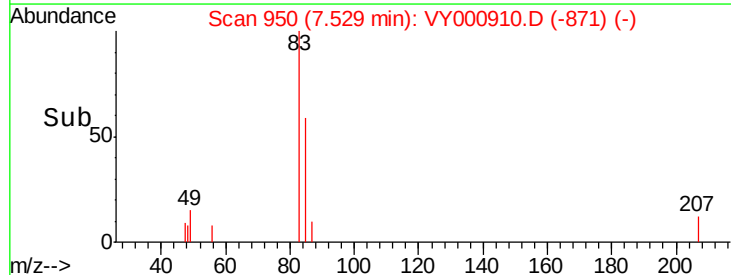
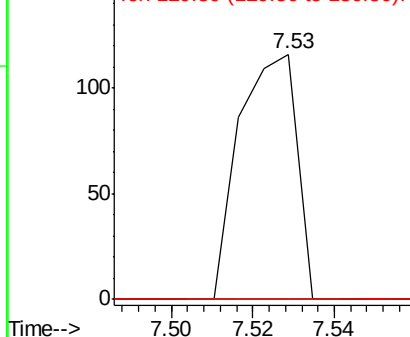


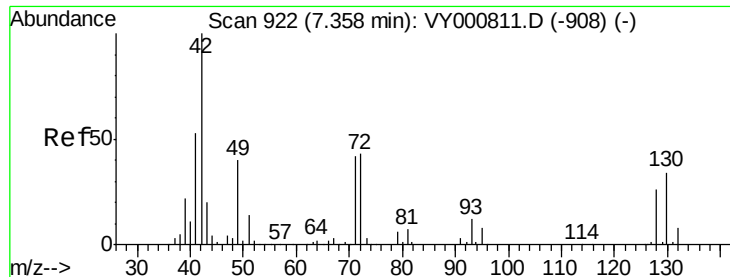
#28
Bromochloromethane
Concen: 2.065 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.18 min
Lab File: VY000910.D
Acq: 09 Dec 2019 12:53

Tgt Ion: 49 Resp: 114
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





#29

Tetrahydrofuran

Concen: 1.124 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY000910.D

Acq: 09 Dec 2019 12:53

Instrument :

MSVOA_Y

ClientSampled :

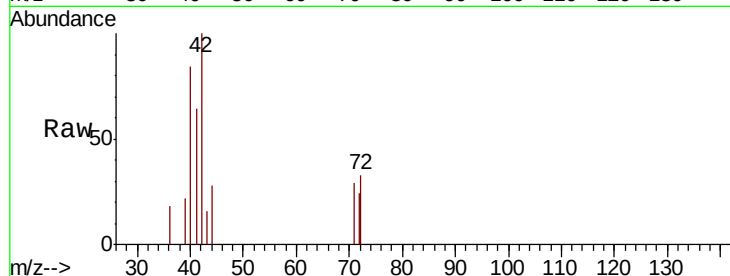
Tot Ion: 42 Resp: 951

Ion Ratio Lower Upper

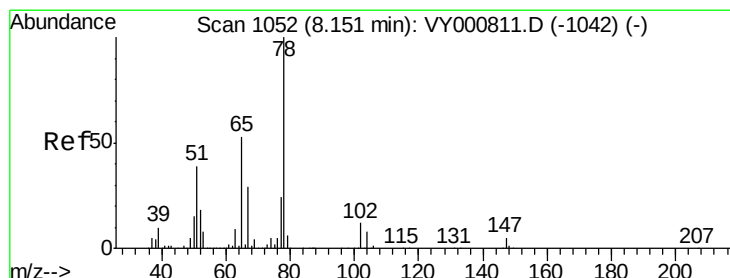
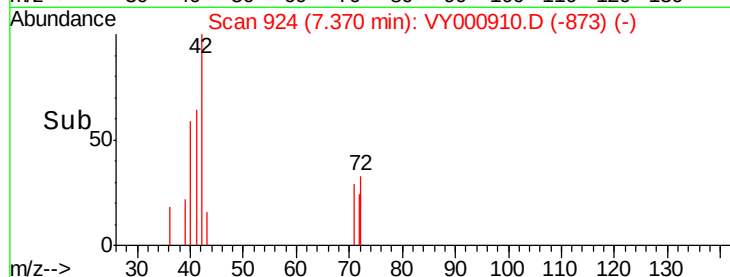
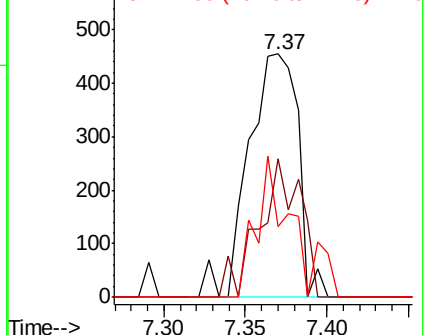
42 100

72 48.4 35.1 52.7

71 36.5 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 52.014 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000910.D

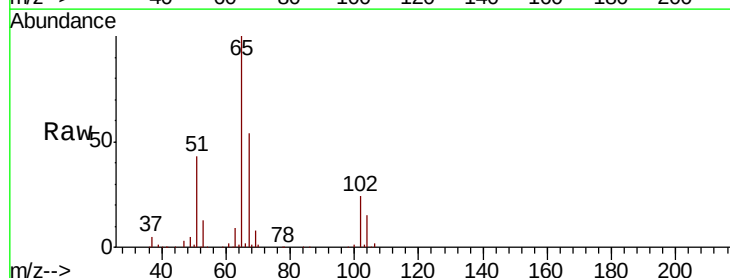
Acq: 09 Dec 2019 12:53

Tgt Ion: 65 Resp: 156690

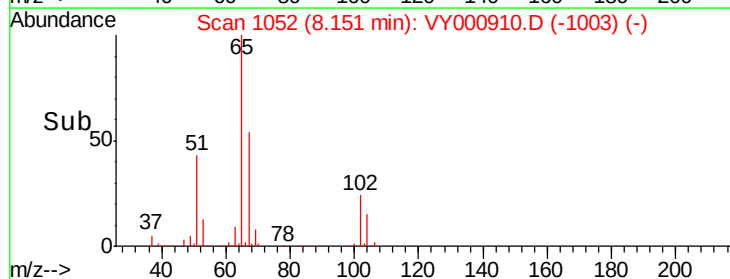
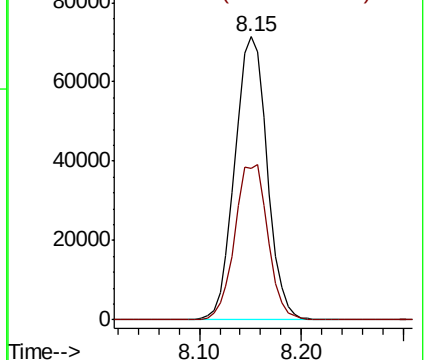
Ion Ratio Lower Upper

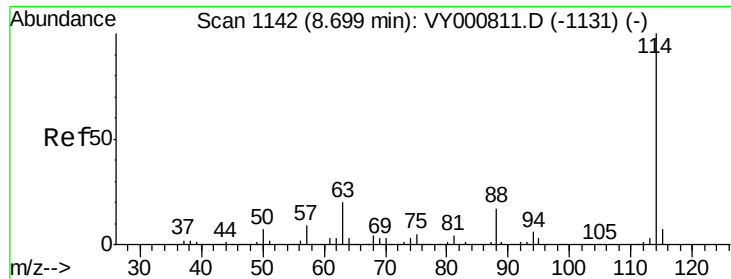
65 100

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

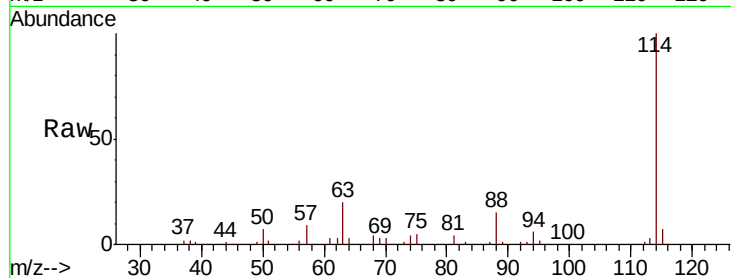




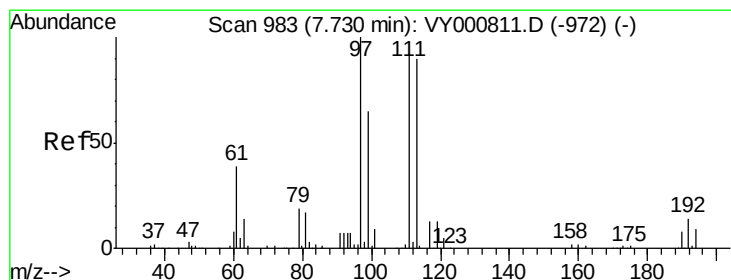
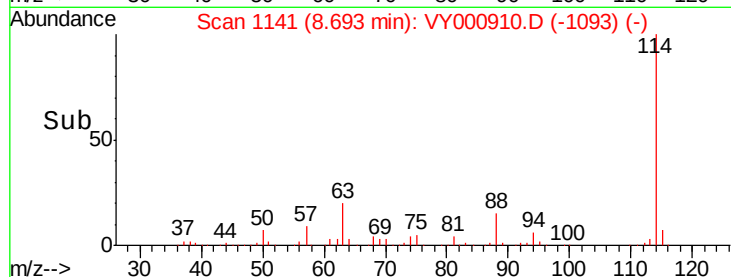
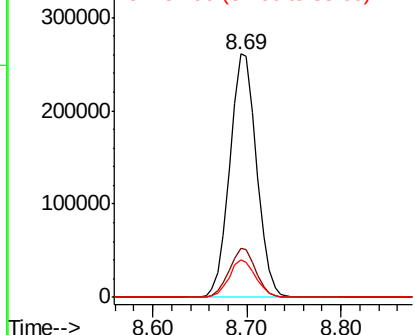
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000910.D
 Acq: 09 Dec 2019 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 513886
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.2 0.0 33.2

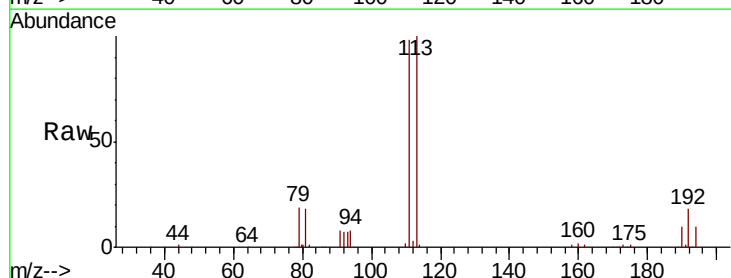


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

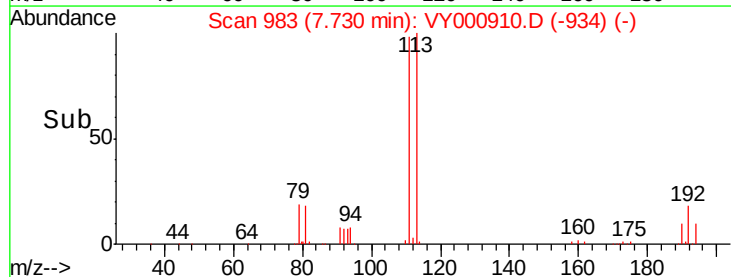
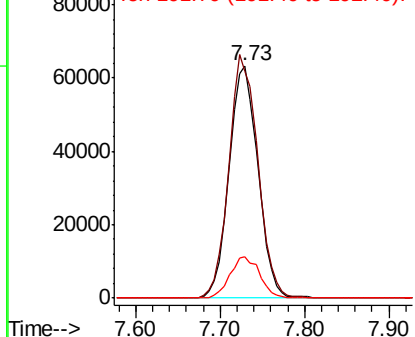


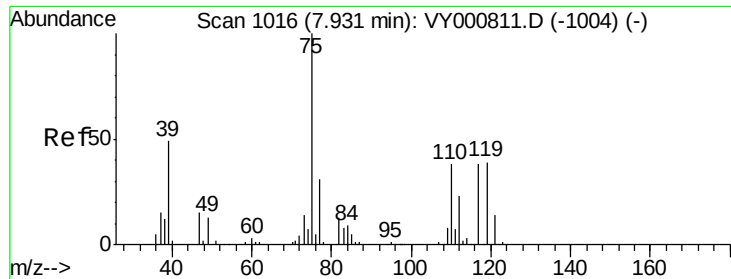
#35
 Dibromofluoromethane
 Concen: 49.139 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000910.D
 Acq: 09 Dec 2019 12:53

Tgt Ion:113 Resp: 147169
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.4 123.6
 192 18.1 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

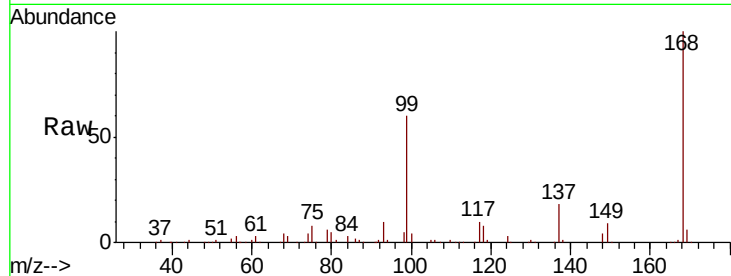




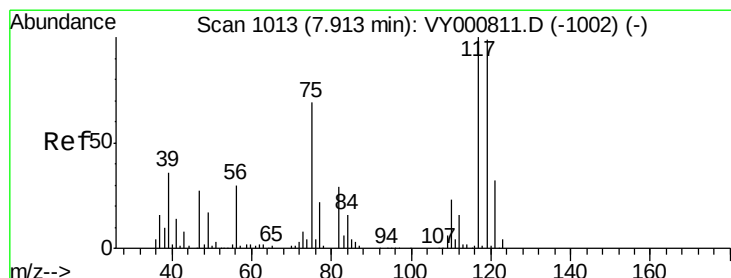
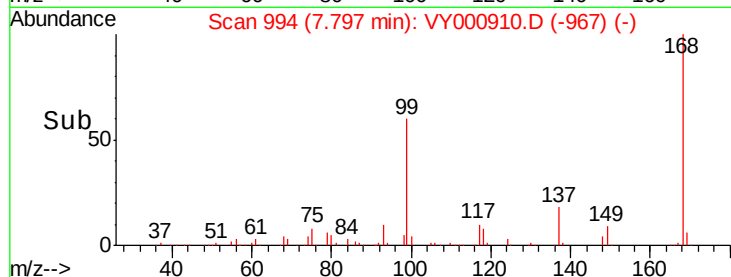
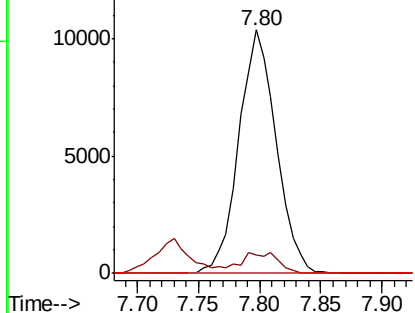
#36
 1,1-Dichloropropene
 Concen: 4.289 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000910.D
 Acq: 09 Dec 2019 12:53

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 21913
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.9 53.7#
 77 0.0 24.7 37.1#

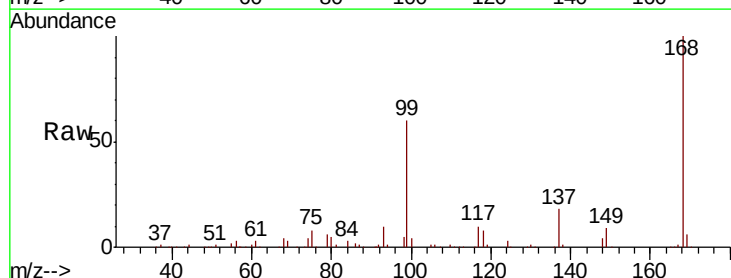


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

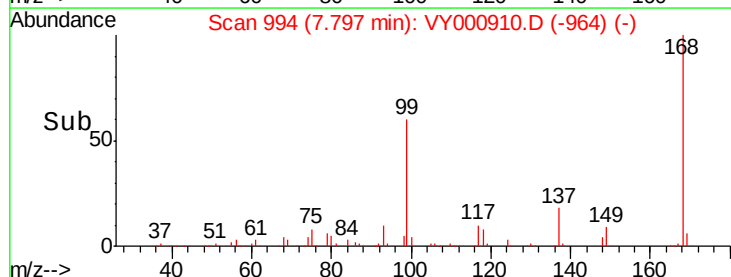
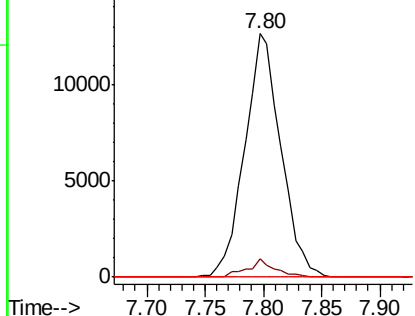


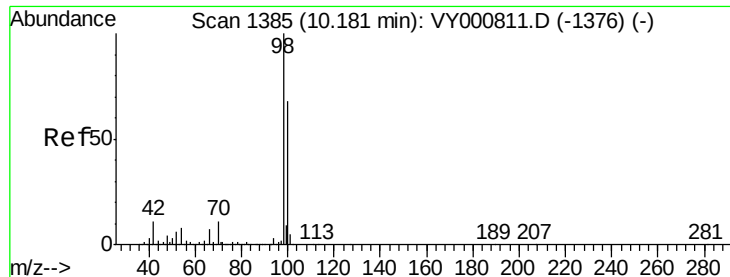
#38
 Carbon Tetrachloride
 Concen: 5.983 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000910.D
 Acq: 09 Dec 2019 12:53

Tgt Ion: 117 Resp: 27225
 Ion Ratio Lower Upper
 117 100
 119 7.4 79.3 118.9#
 121 0.0 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 50.400 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000910.D

Acq: 09 Dec 2019 12:53

Instrument :

MSVOA_Y

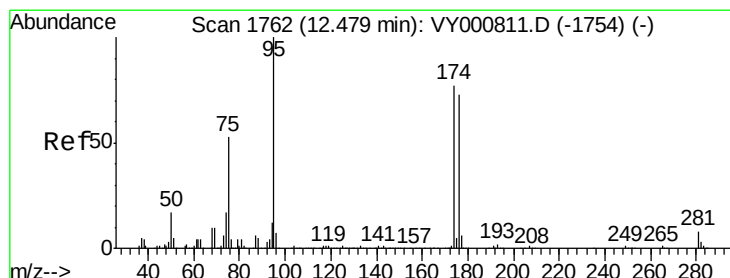
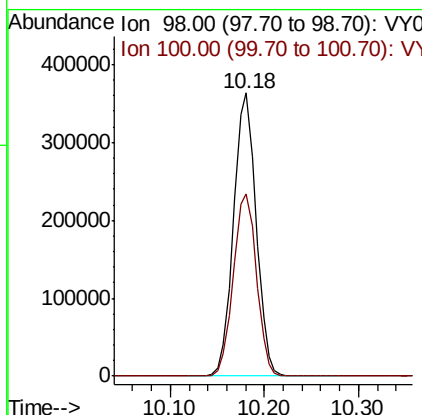
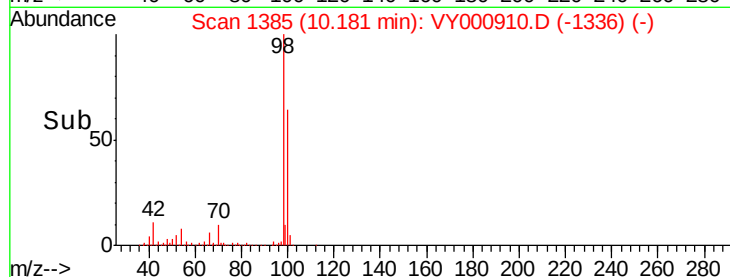
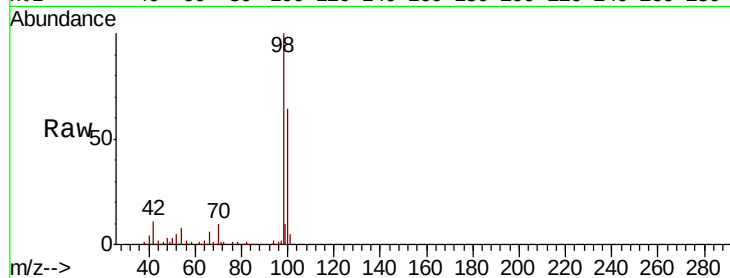
ClientSampleId :

Tot Ion: 98 Resp: 603464

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.310 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000910.D

Acq: 09 Dec 2019 12:53

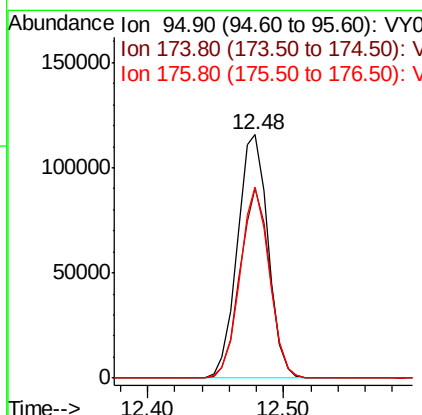
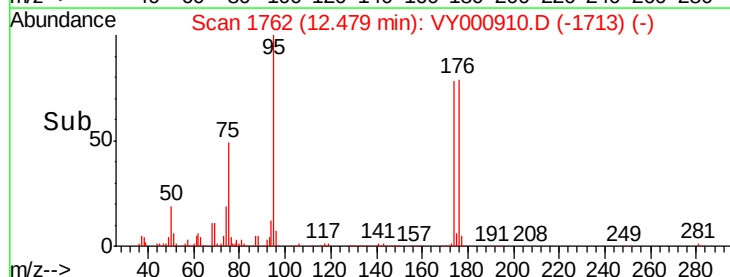
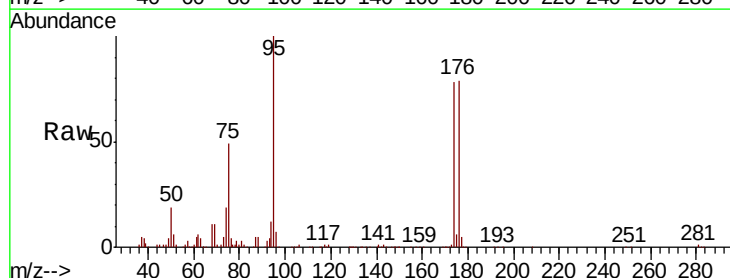
Tgt Ion: 95 Resp: 181263

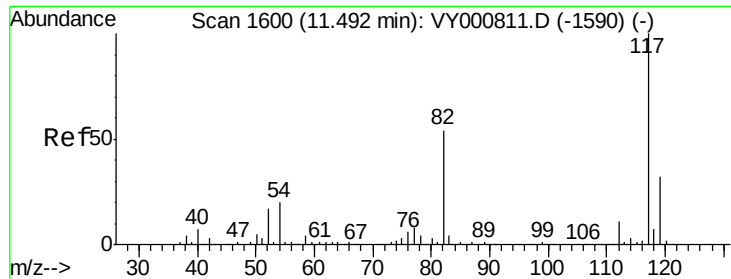
Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.6

176 75.1 0.0 145.2

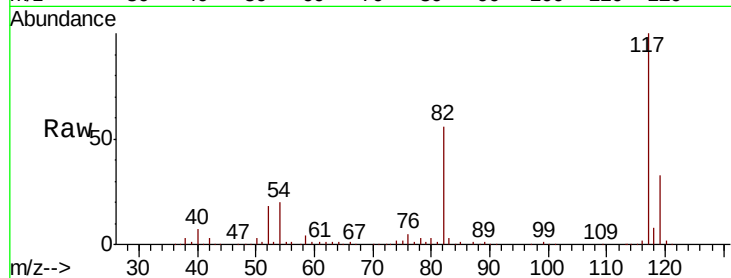




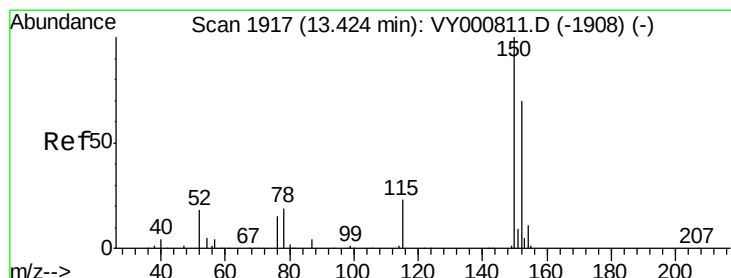
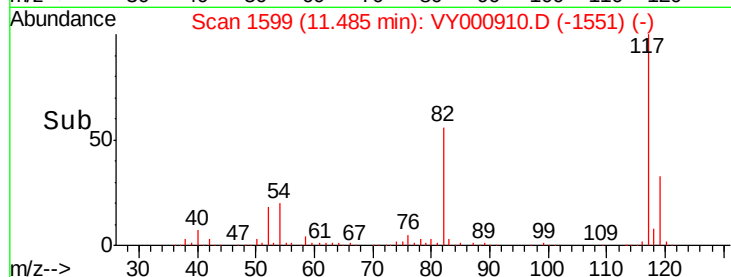
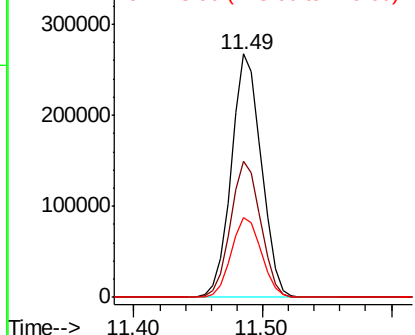
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000910.D
Acq: 09 Dec 2019 12:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 432200
Ion Ratio Lower Upper
117 100
82 56.0 43.1 64.7
119 32.7 25.3 37.9

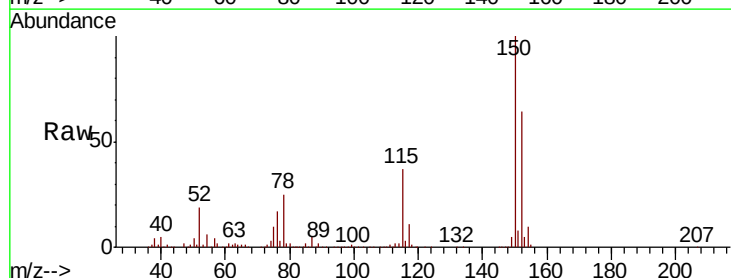


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

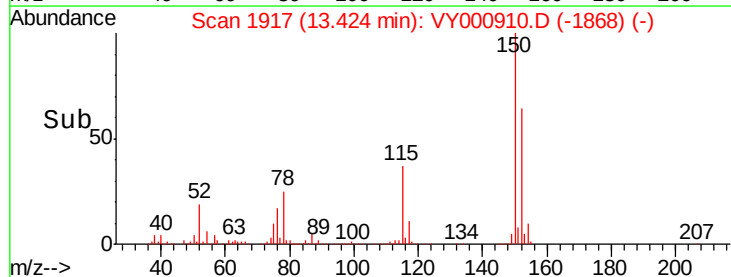
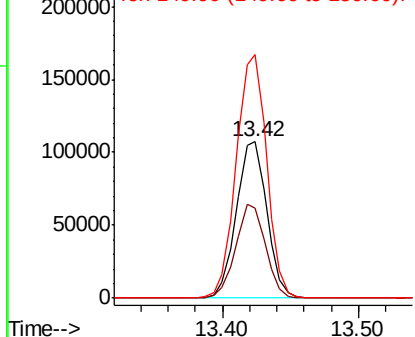


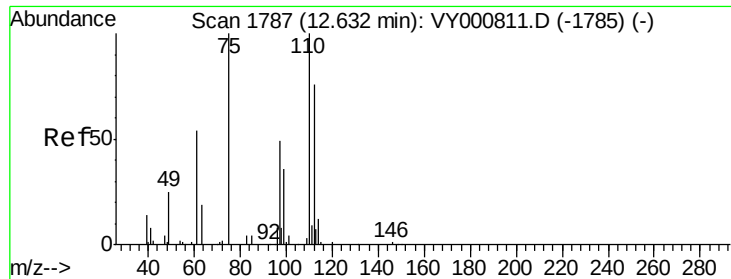
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000910.D
Acq: 09 Dec 2019 12:53

Tgt Ion:152 Resp: 167499
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.8
150 155.2 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

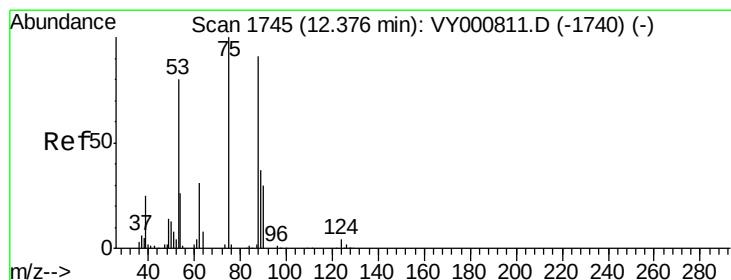
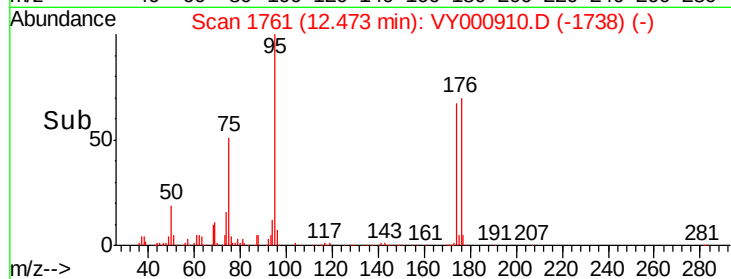
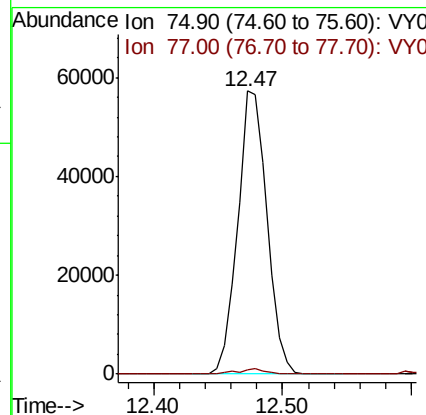
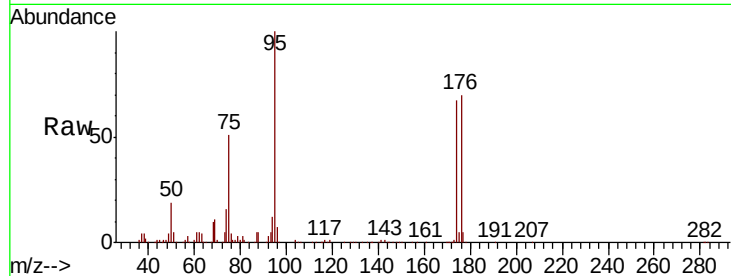




#76
 1,2,3-Trichloropropane
 Concen: 47.589 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.16 min
 Lab File: VY000910.D
 Acq: 09 Dec 2019 12:53

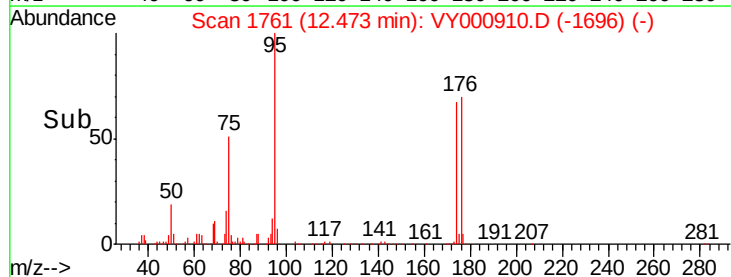
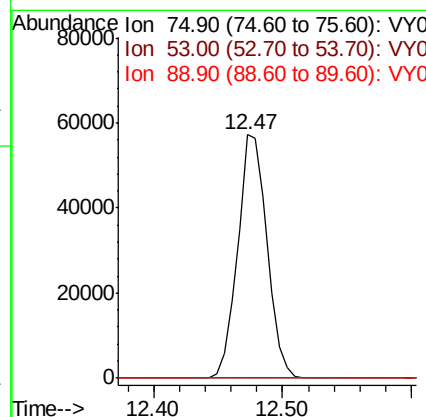
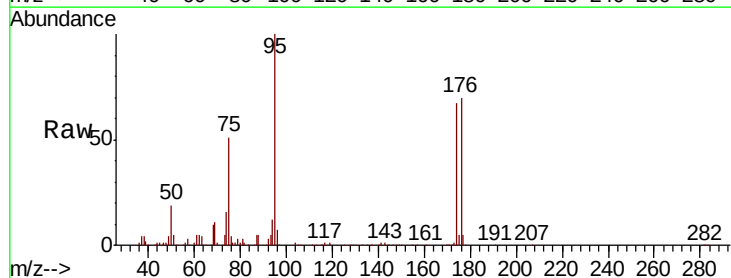
Instrument :
 MSVOA_Y
 ClientSampleId :

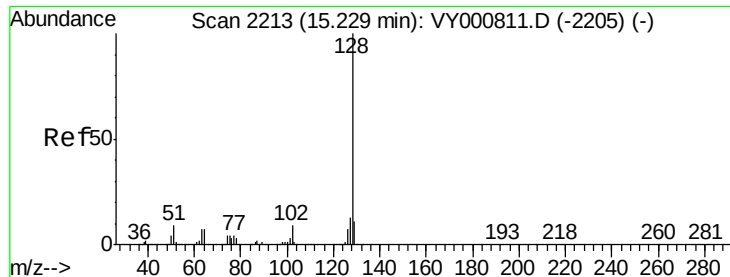
Tot Ion: 75 Resp: 90312
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.479 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. 0.10 min
 Lab File: VY000910.D
 Acq: 09 Dec 2019 12:53

Tgt Ion: 75 Resp: 90312
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.6 96.8#
 89 0.0 33.6 50.4#

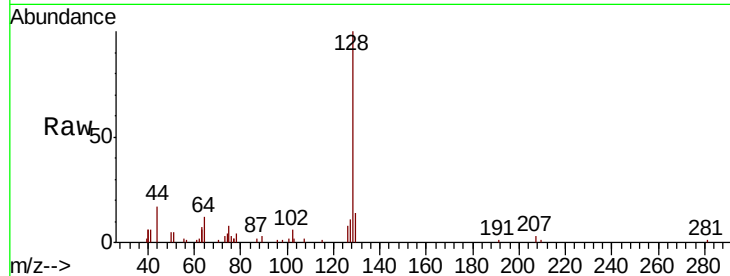




#95
Naphthalene
Concen: 1.359 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000910.D
Acq: 09 Dec 2019 12:53

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	13.0	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

