

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000923.D
 Acq On : 09 Dec 2019 19:24
 Operator : SY/MD
 Sample : K6204-11
 Misc : 5.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 06:26:41 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

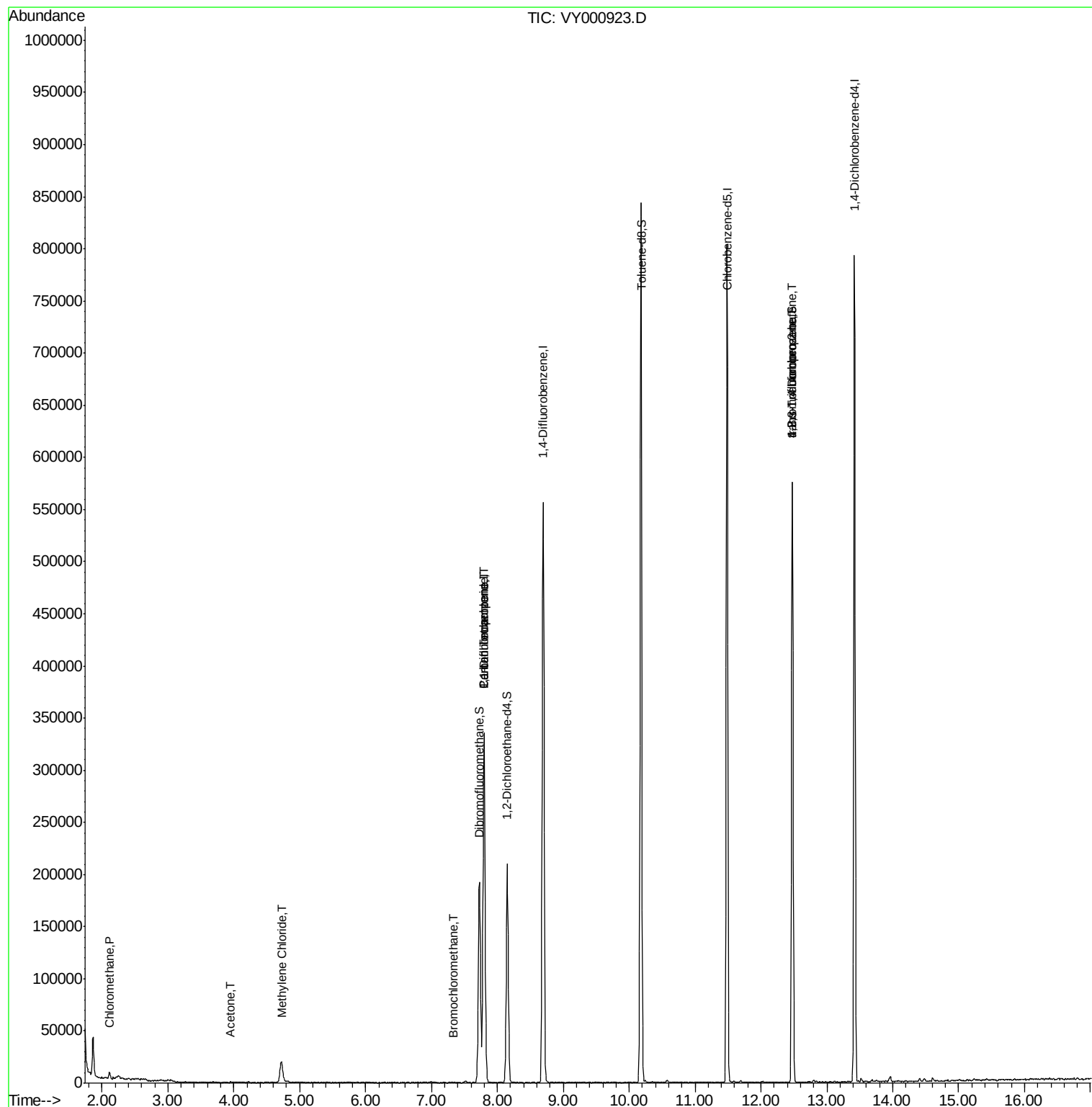
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	252510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	471372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	151103	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
35) Dibromofluoromethane	7.73	113	135426	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.18	98	559676	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.47	95	189691	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
Target Compounds						
3) Chloromethane	2.11	50	5470	1.633	ug/l	99
5) Bromomethane	2.65	94	177	Below Cal	#	44
16) Acetone	3.95	43	682	1.108	ug/l #	27
20) Methylene Chloride	4.72	84	15130	4.663	ug/l #	96
28) Bromochloromethane	7.33	49	92	2.060	ug/l #	15
36) 1,1-Dichloropropene	7.80	75	21106	4.503	ug/l #	48
38) Carbon Tetrachloride	7.80	117	26016	6.233	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	96152	44.818	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96152	88.036	ug/l #	17

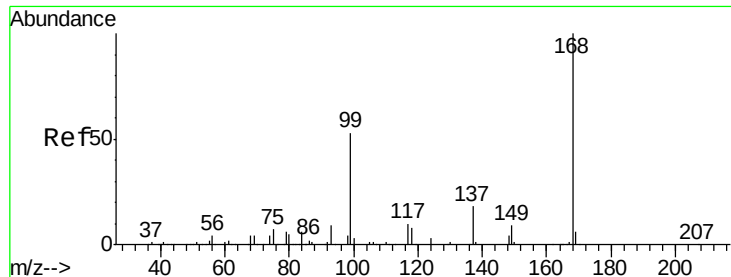
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000923.D

Acq: 09 Dec 2019 19:24

Instrument :

MSVOA_Y

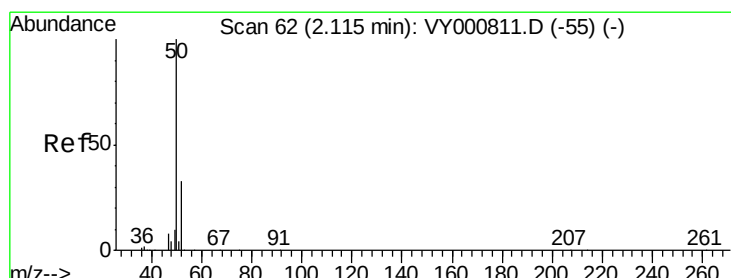
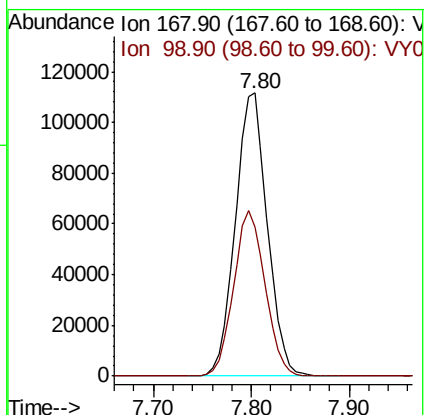
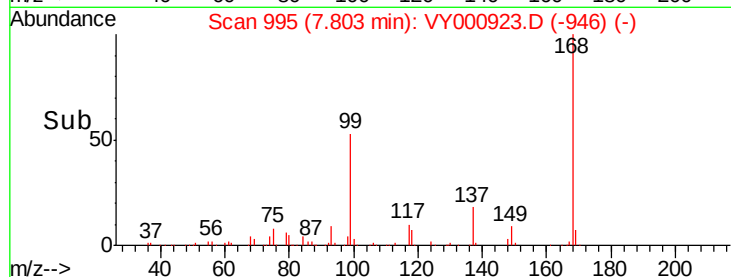
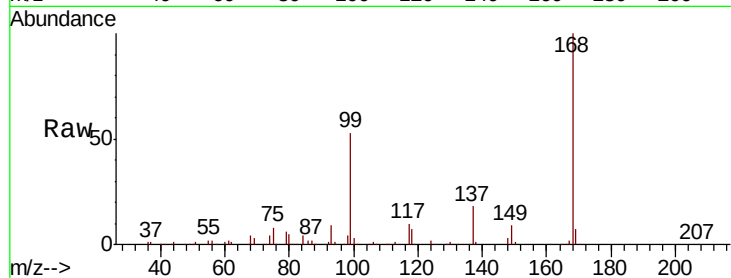
ClientSampled :

Tot Ion:168 Resp: 252510

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.6



#3

Chloromethane

Concen: 1.633 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000923.D

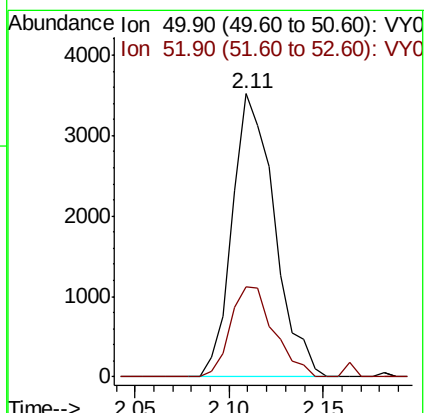
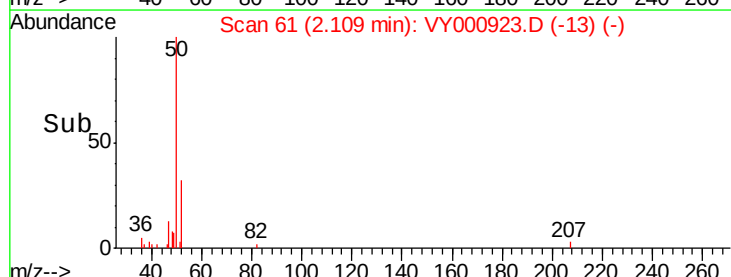
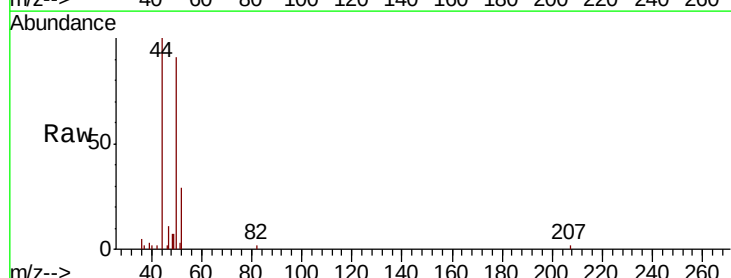
Acq: 09 Dec 2019 19:24

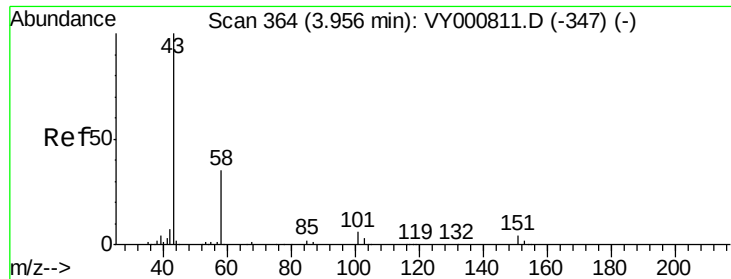
Tgt Ion: 50 Resp: 5470

Ion Ratio Lower Upper

50 100

52 31.9 26.0 39.0





#16

Acetone

Concen: 1.108 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000923.D

Acq: 09 Dec 2019 19:24

Instrument :

MSVOA_Y

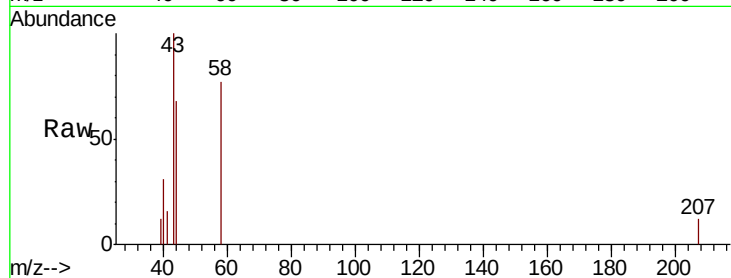
ClientSampleId :

Tot Ion: 43 Resp: 682

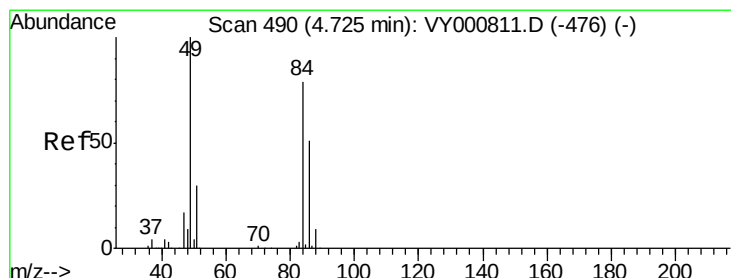
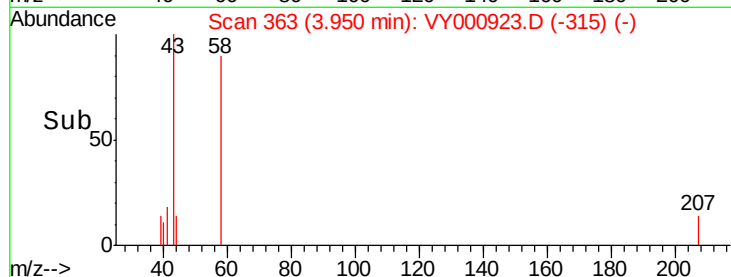
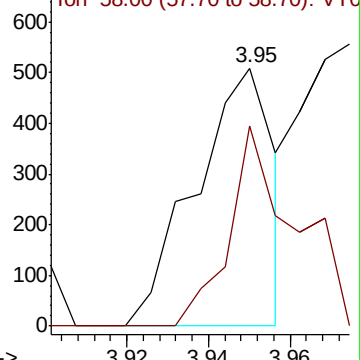
Ion Ratio Lower Upper

43 100

58 77.4 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)



#20

Methylene Chloride

Concen: 4.663 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000923.D

Acq: 09 Dec 2019 19:24

Tgt Ion: 84 Resp: 15130

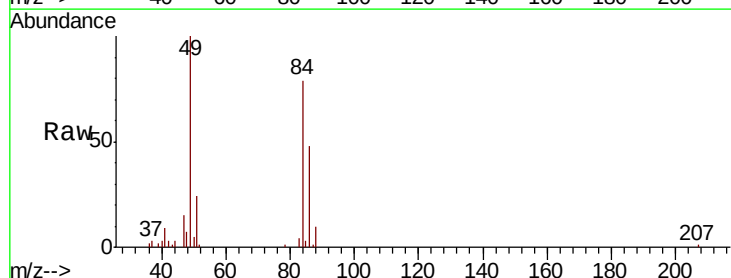
Ion Ratio Lower Upper

84 100

49 126.8 101.3 151.9

51 30.0 30.6 45.8#

86 60.3 51.3 76.9

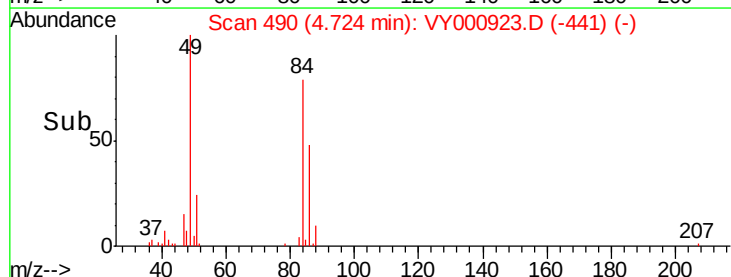


Abundance Ion 83.90 (83.60 to 84.60): VY000811.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY000811.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY000811.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY000811.D (-476) (-)

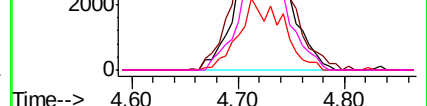


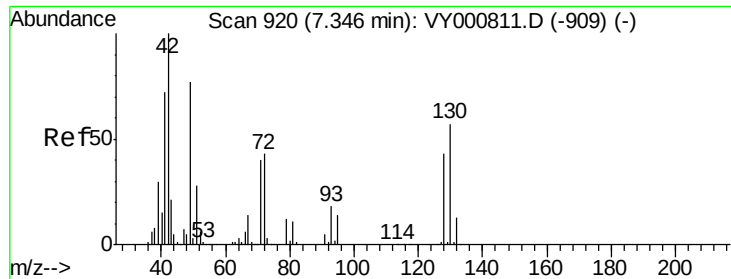
Abundance Ion 83.90 (83.60 to 84.60): VY000923.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY000923.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY000923.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY000923.D (-441) (-)

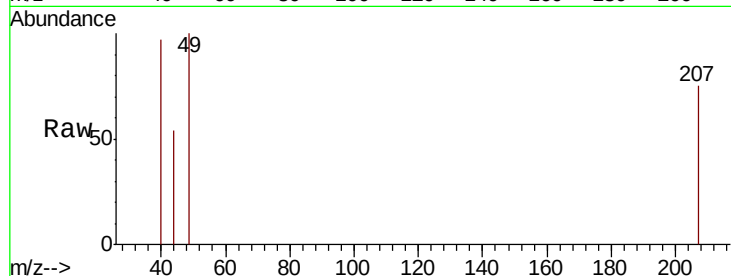




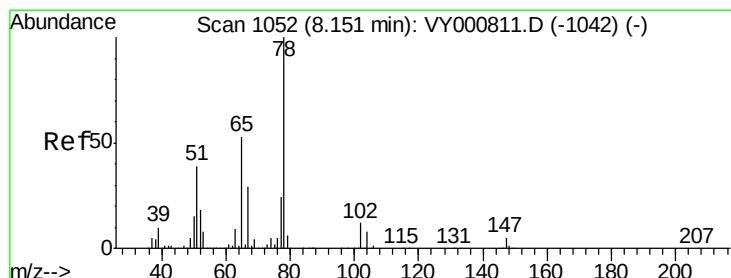
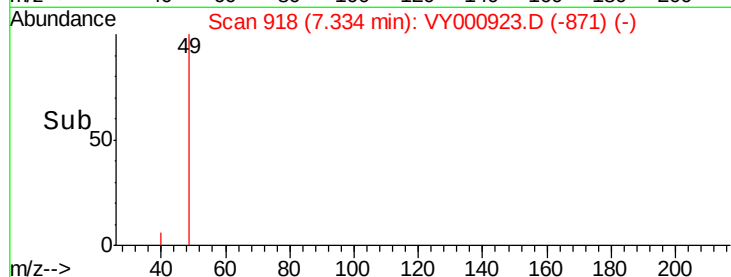
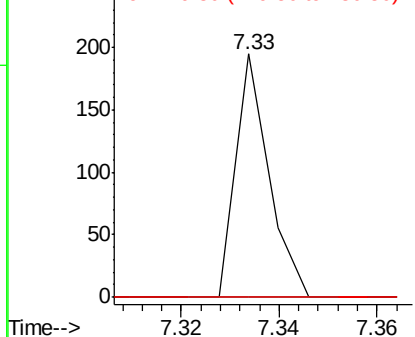
#28
 Bromochloromethane
 Concen: 2.060 ug/l
 RT: 7.33 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VY000923.D
 Acq: 09 Dec 2019 19:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 49 Resp: 92
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 58.7 88.1#

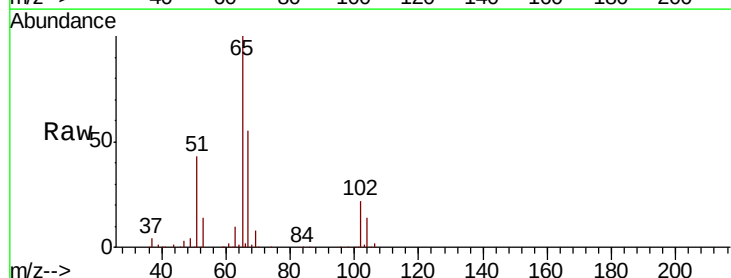


Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0

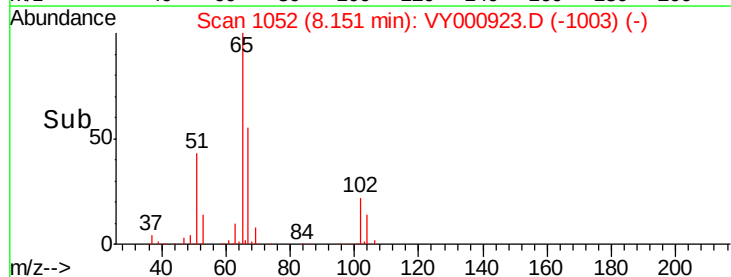
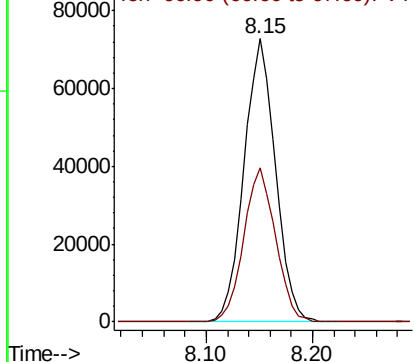


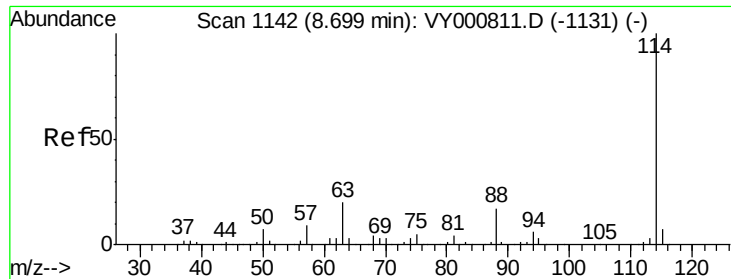
#33
 1,2-Dichloroethane-d4
 Concen: 56.316 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000923.D
 Acq: 09 Dec 2019 19:24

Tgt Ion: 65 Resp: 151103
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
 Ion 66.90 (66.60 to 67.60): VY0

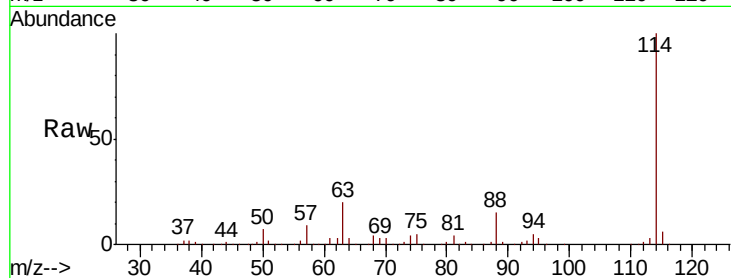




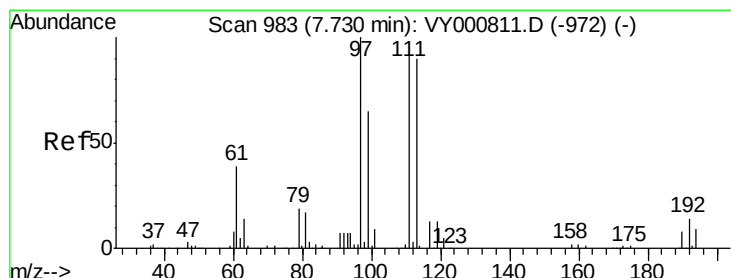
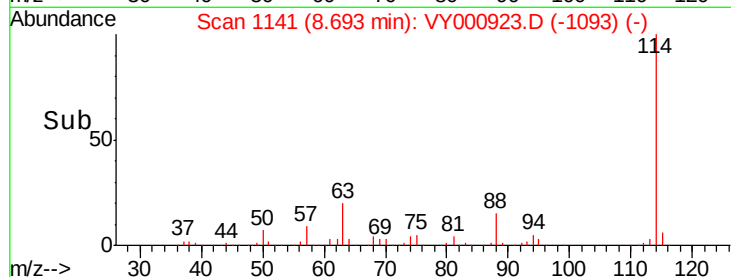
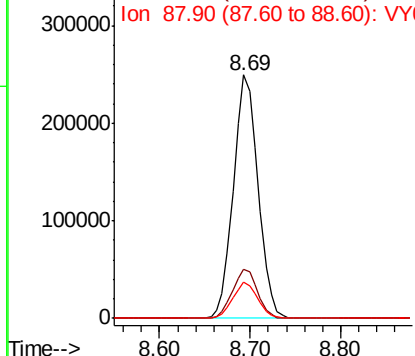
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000923.D
Acq: 09 Dec 2019 19:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 471372
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.8
88 15.1 0.0 33.2

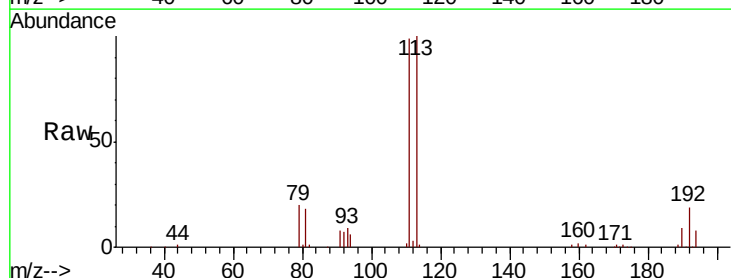


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

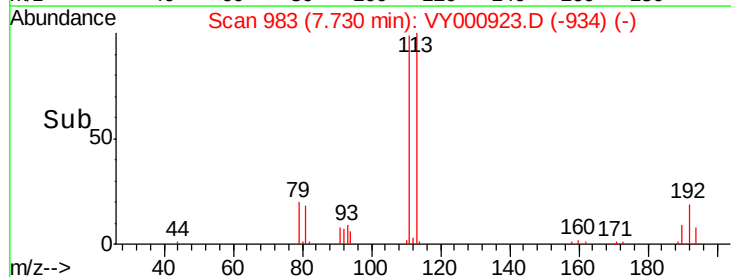
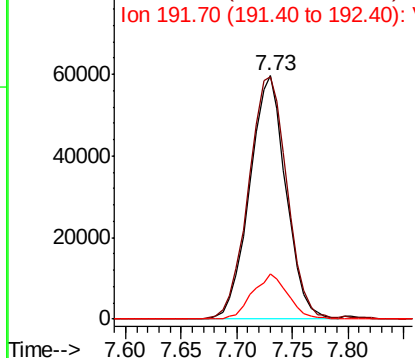


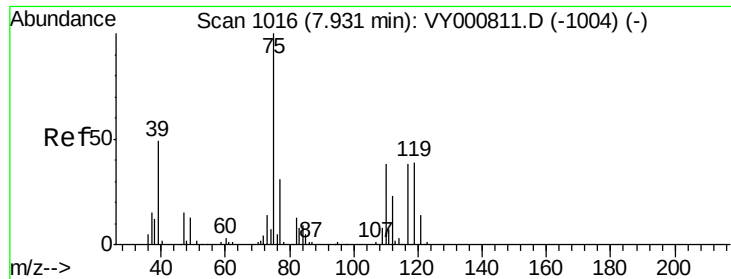
#35
Dibromofluoromethane
Concen: 49.297 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000923.D
Acq: 09 Dec 2019 19:24

Tgt Ion:113 Resp: 135426
Ion Ratio Lower Upper
113 100
111 105.3 82.4 123.6
192 18.4 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

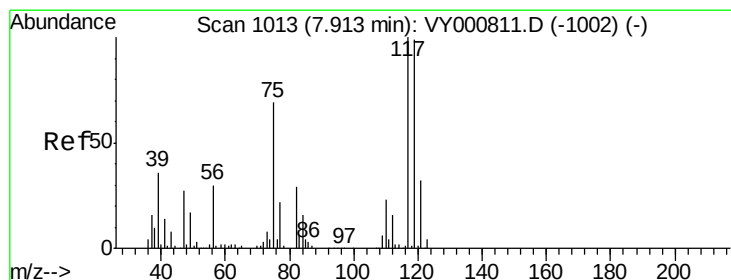
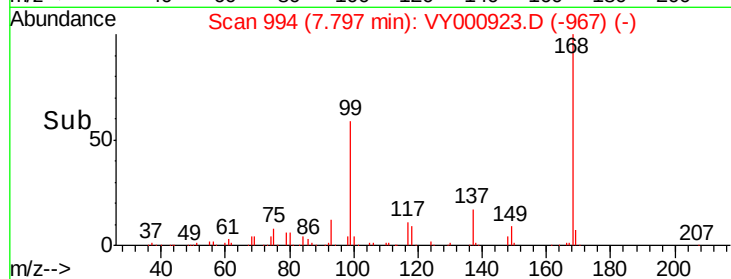
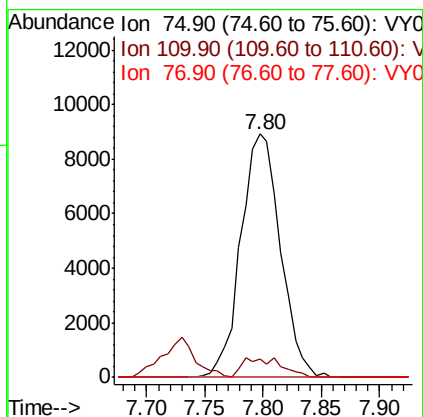
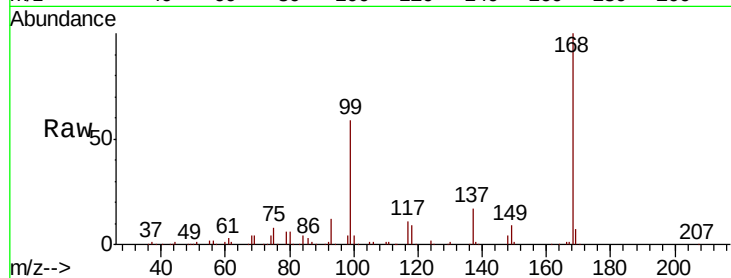




#36
 1,1-Dichloropropene
 Concen: 4.503 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000923.D
 Acq: 09 Dec 2019 19:24

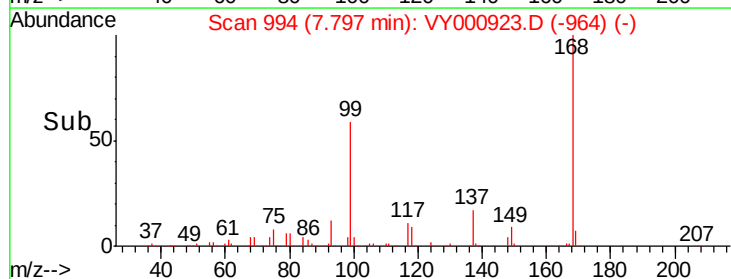
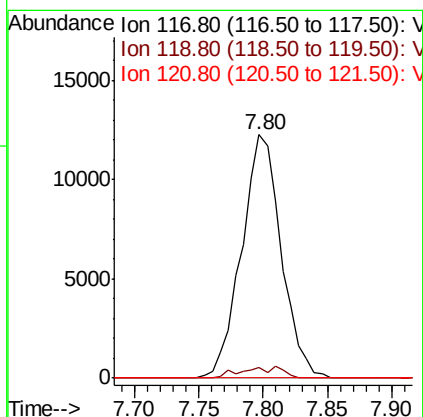
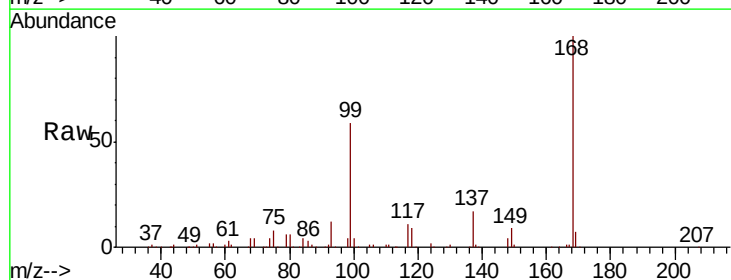
Instrument :
 MSVOA_Y
 ClientSampled :

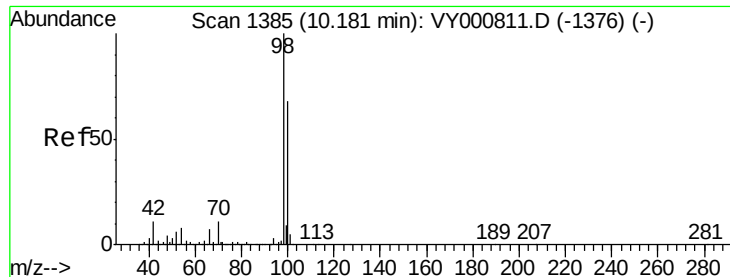
Tot Ion	75	Resp	21106
Ion Ratio	Lower	Upper	
75	100		
110	7.8	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.233 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000923.D
 Acq: 09 Dec 2019 19:24

Tgt Ion	117	Resp	26016
Ion Ratio	Lower	Upper	
117	100		
119	4.4	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 50.958 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000923.D

Acq: 09 Dec 2019 19:24

Instrument :

MSVOA_Y

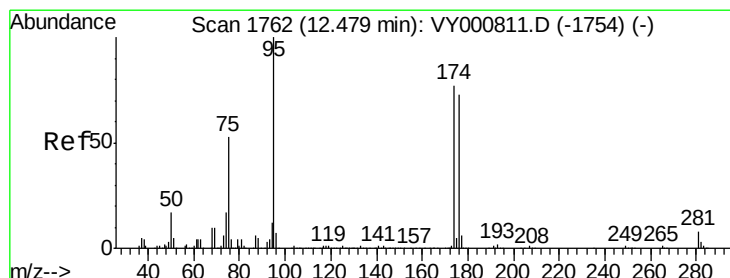
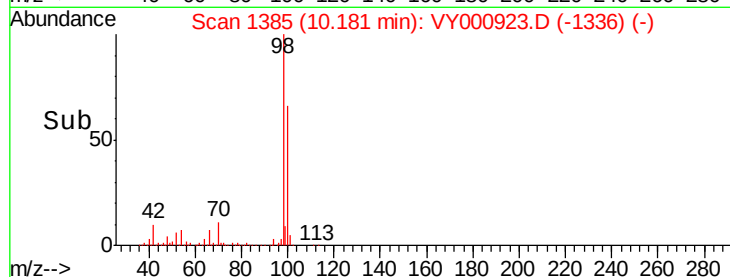
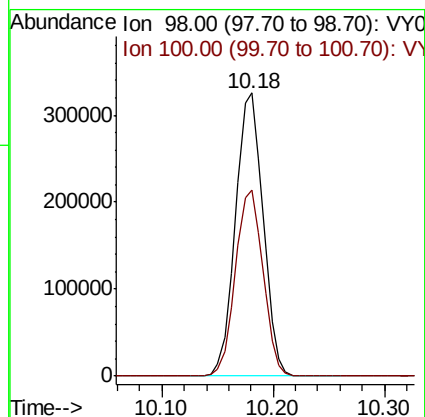
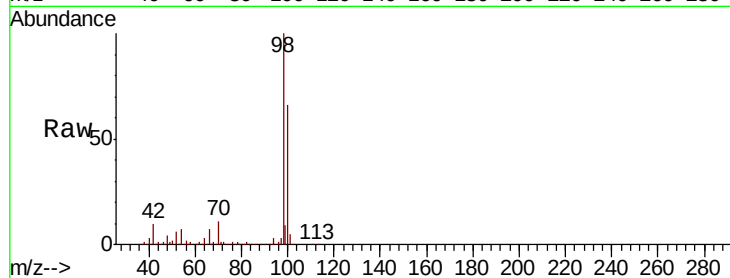
ClientSampleId :

Tot Ion: 98 Resp: 559676

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.989 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000923.D

Acq: 09 Dec 2019 19:24

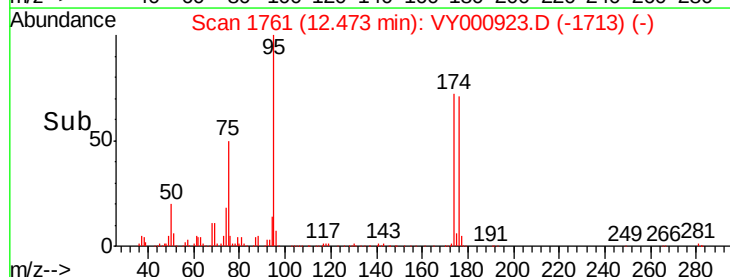
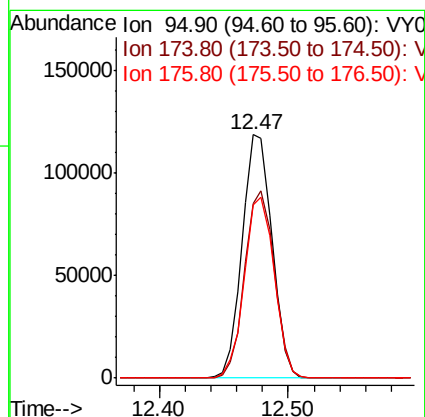
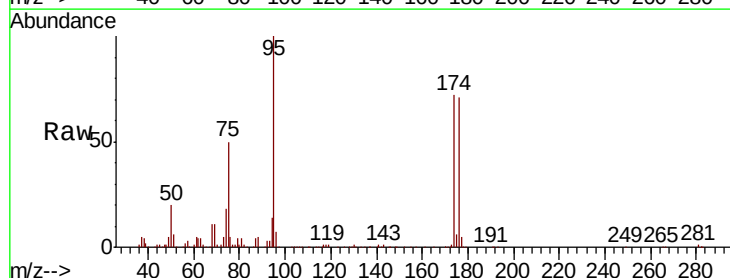
Tgt Ion: 95 Resp: 189691

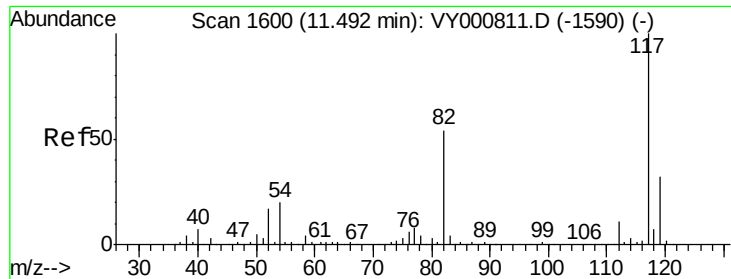
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.6

176 74.3 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: VY000923.D

Acq: 09 Dec 2019 19:24

Instrument :

MSVOA_Y

ClientSampleId :

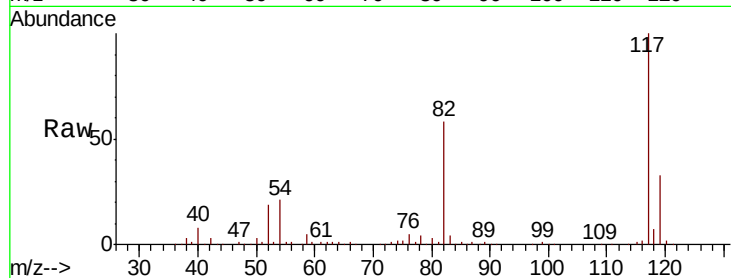
Tot Ion:117 Resp: 420503

Ion Ratio Lower Upper

117 100

82 58.1 43.1 64.7

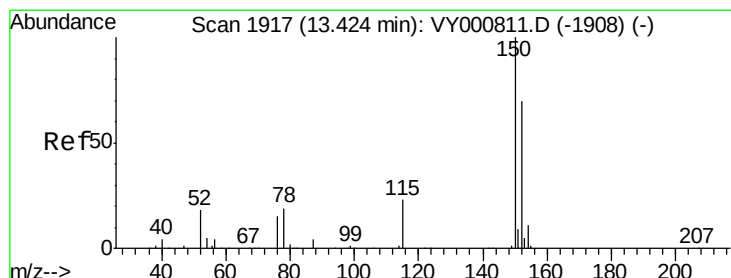
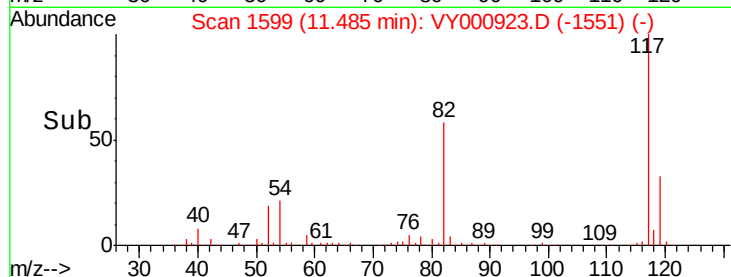
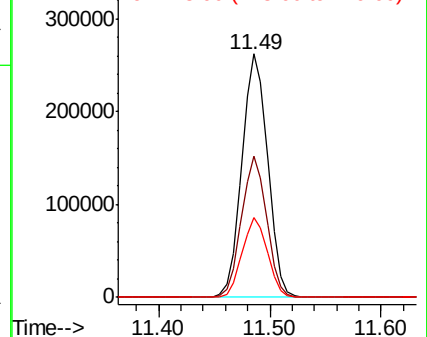
119 32.7 25.3 37.9



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# 1916

Delta R.T. -0.01 min

Lab File: VY000923.D

Acq: 09 Dec 2019 19:24

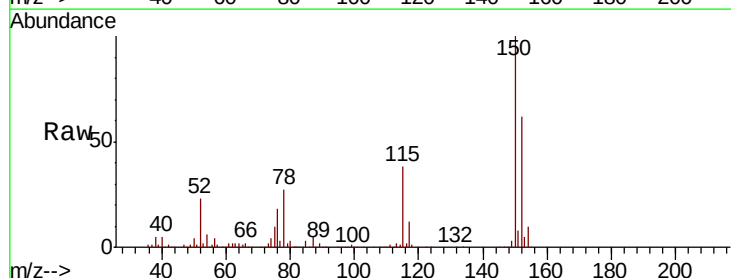
Tgt Ion:152 Resp: 189356

Ion Ratio Lower Upper

152 100

115 59.9 29.3 87.8

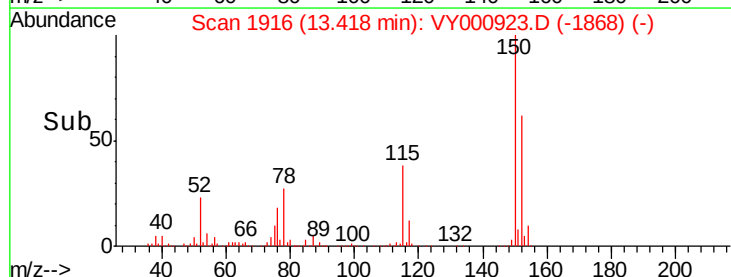
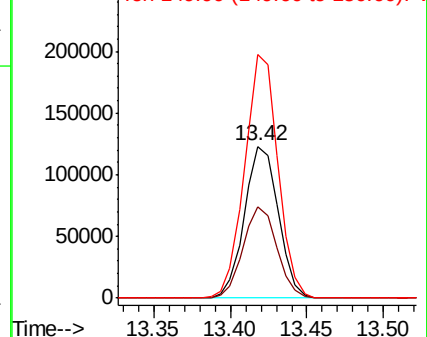
150 157.0 0.0 351.2

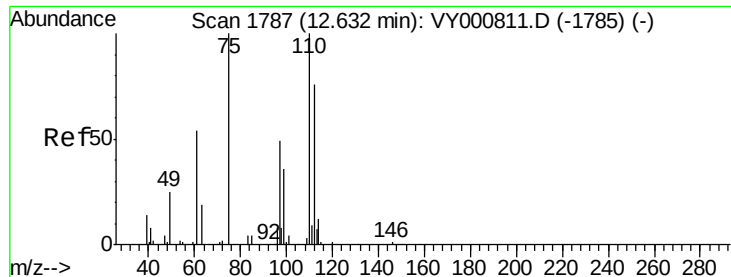


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 44.818 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000923.D

Acq: 09 Dec 2019 19:24

Instrument :

MSVOA_Y

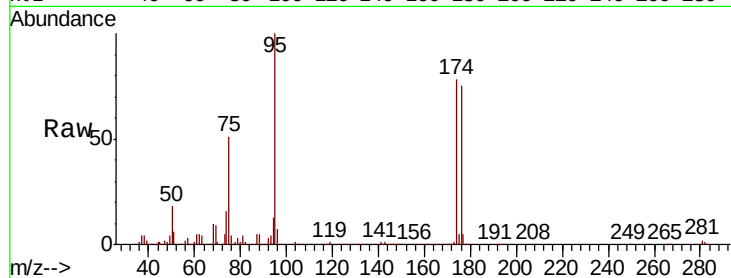
ClientSampleId :

Tot Ion: 75 Resp: 96152

Ion Ratio Lower Upper

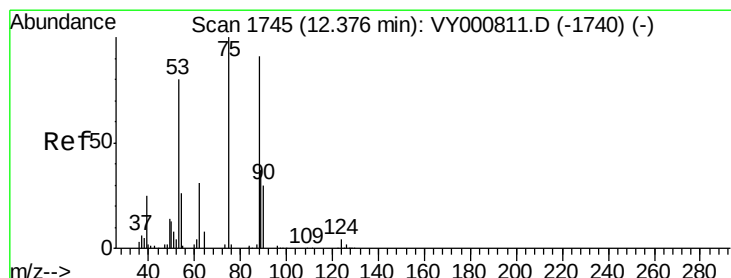
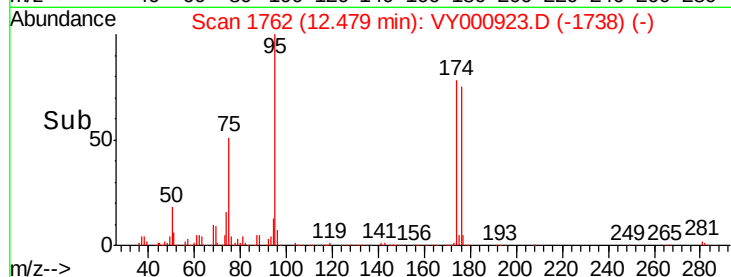
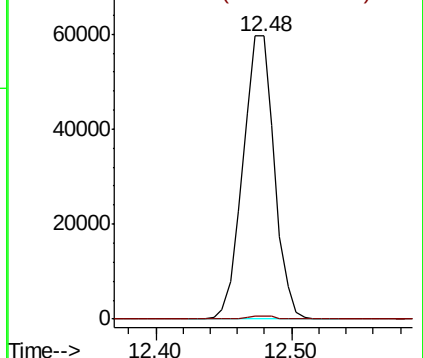
75 100

77 1.0 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: 88.036 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000923.D

Acq: 09 Dec 2019 19:24

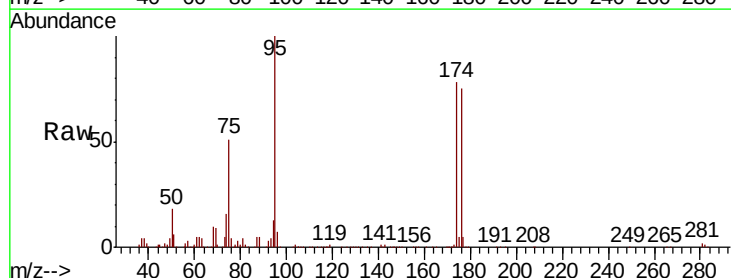
Tgt Ion: 75 Resp: 96152

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 33.6 50.4#



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

