

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000902.D
 Acq On : 06 Dec 2019 15:24
 Operator : SY/MD
 Sample : K6176-04RE
 Misc : 5.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 06 17:23:44 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	260749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	477473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161724	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	156378	56.44	ug/l	0.00
Spiked Amount			Recovery	=	112.88%	
35) Dibromofluoromethane	7.73	113	139279	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.18	98	566470	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.48	95	170861	40.89	ug/l	0.00
Spiked Amount			Recovery	=	81.78%	

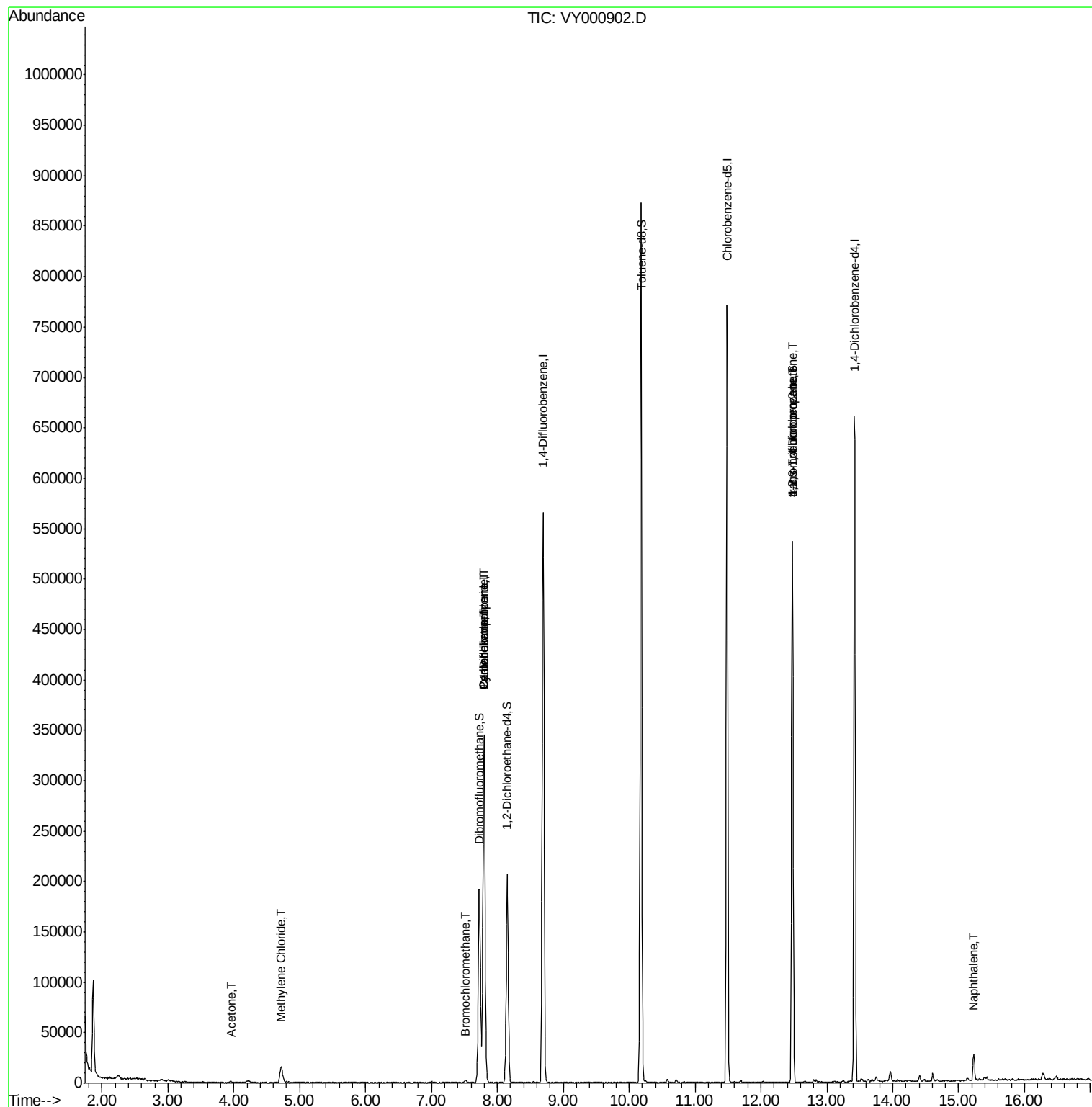
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	74	Below Cal	#	3
16) Acetone	3.96	43	1157	1.820	ug/l #	78
20) Methylene Chloride	4.72	84	11242	3.355	ug/l	96
28) Bromochloromethane	7.51	49	75	2.051	ug/l #	15
31) Cyclohexane	7.80	56	6167	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20510	4.320	ug/l #	52
38) Carbon Tetrachloride	7.80	117	26132	6.181	ug/l #	13
76) 1,2,3-Trichloropropane	12.47	75	87039	47.502	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	87039	93.308	ug/l #	17
95) Naphthalene	15.23	128	20221	2.613	ug/l	98

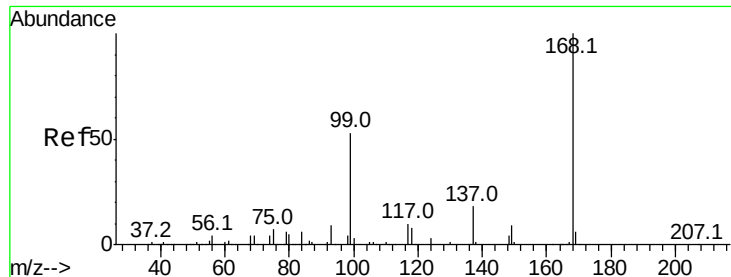
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

Instrument :

MSVOA_Y

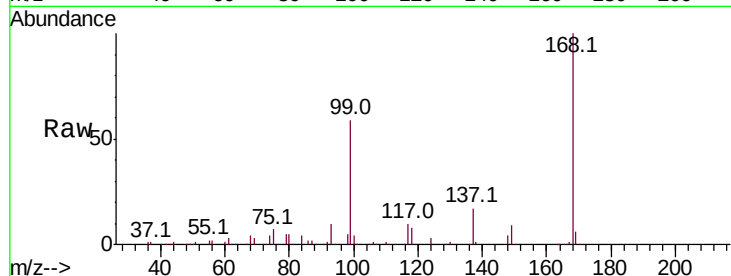
ClientSampleId :

Tot Ion:168 Resp: 260749

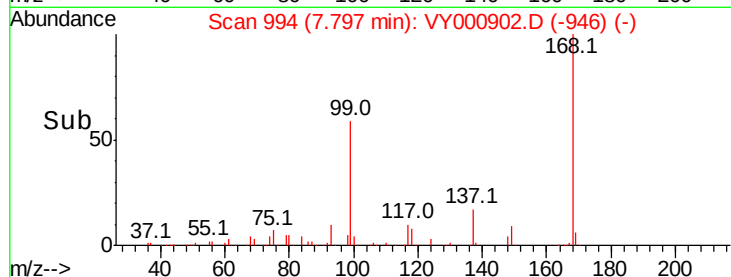
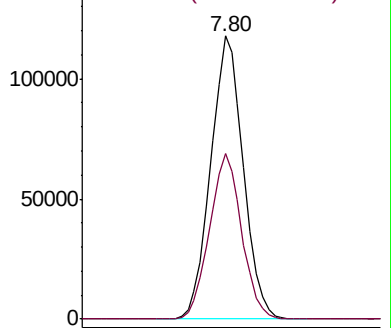
Ion Ratio Lower Upper

168 100

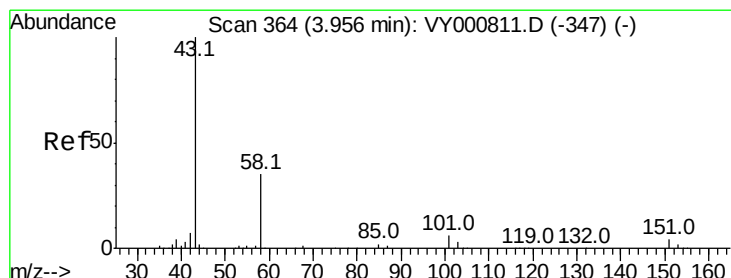
99 58.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000902.D (-946) (-)



Time-->



#16

Acetone

Concen: 1.820 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000902.D

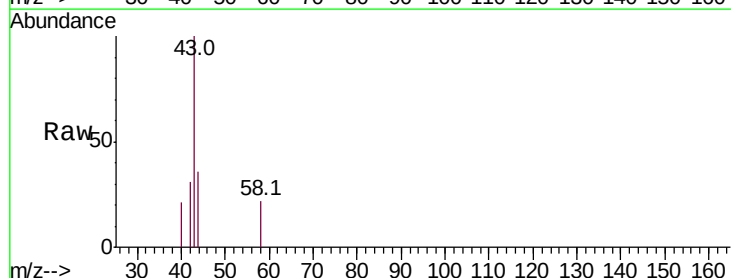
Acq: 06 Dec 2019 15:24

Tgt Ion: 43 Resp: 1157

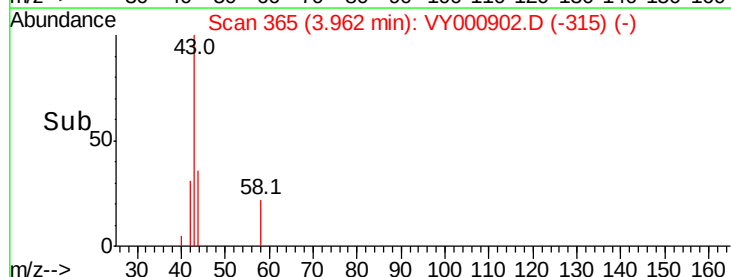
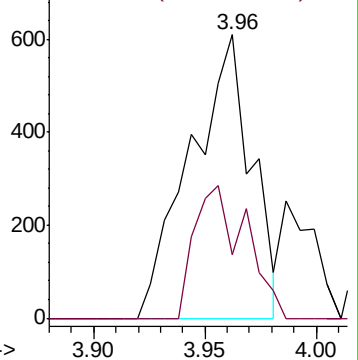
Ion Ratio Lower Upper

43 100

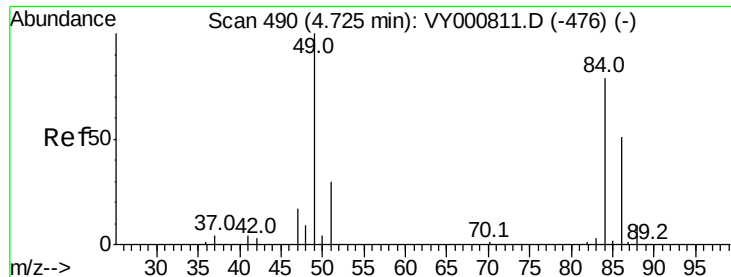
58 22.3 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000902.D (-315) (-)



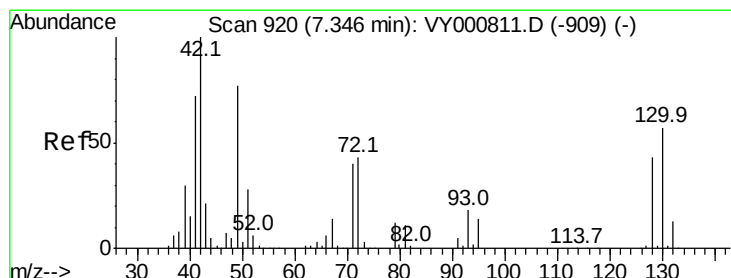
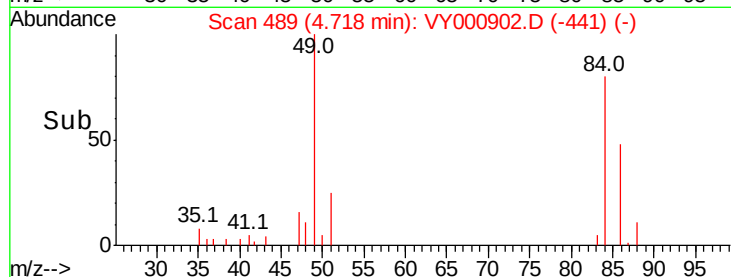
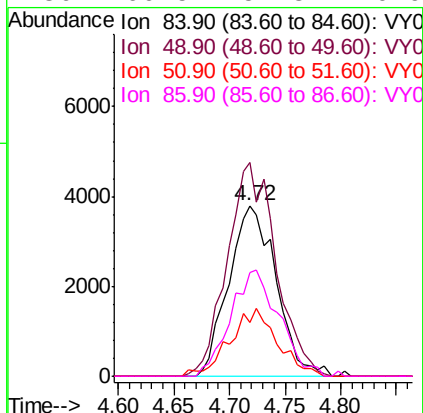
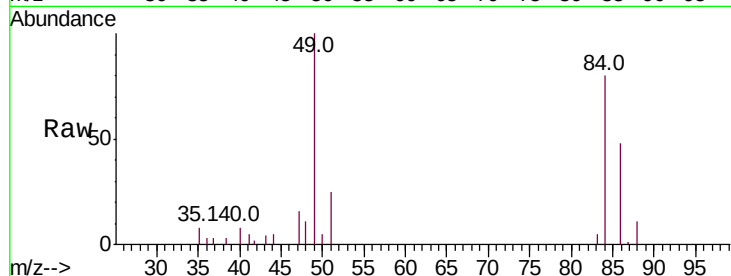
Time-->



#20
Methvlene Chloride
Concen: 3.355 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000902.D
Acq: 06 Dec 2019 15:24

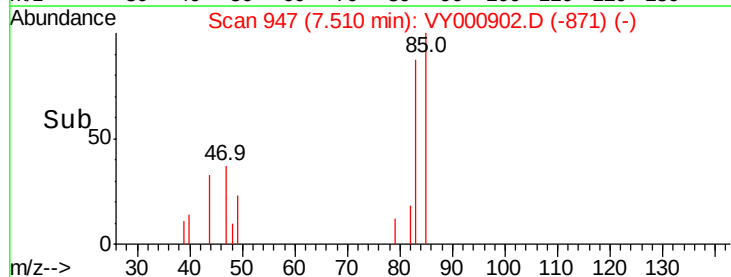
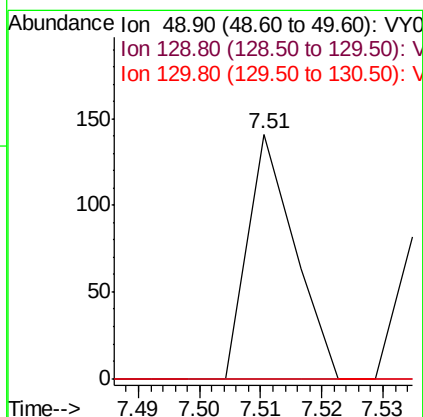
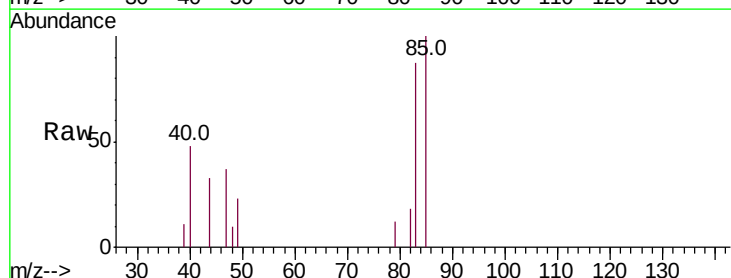
Instrument :
MSVOA_Y
ClientSampleId :

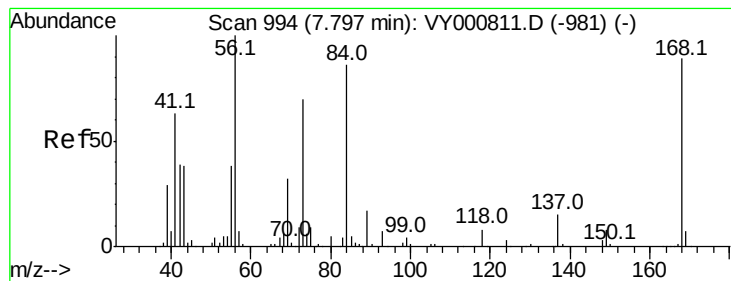
Tot Ion:	84	Resp:	11242
Ion	Ratio	Lower	Upper
84	100		
49	125.4	101.3	151.9
51	31.6	30.6	45.8
86	60.5	51.3	76.9



#28
Bromochloromethane
Concen: 2.051 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.16 min
Lab File: VY000902.D
Acq: 06 Dec 2019 15:24

Tgt Ion:	49	Resp:	75
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#





#31

Cyclohexane

Concen: 1.048 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

Instrument :
MSVOA_Y
ClientSampled :

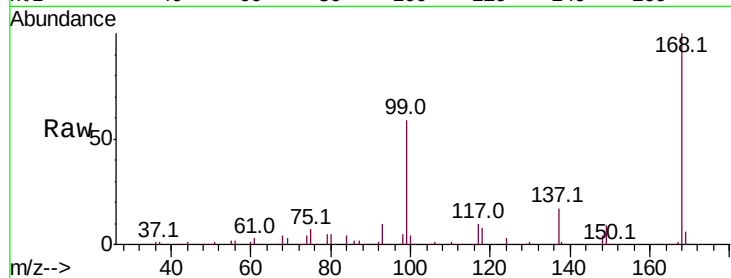
Tot Ion: 56 Resp: 6167

Ion Ratio Lower Upper

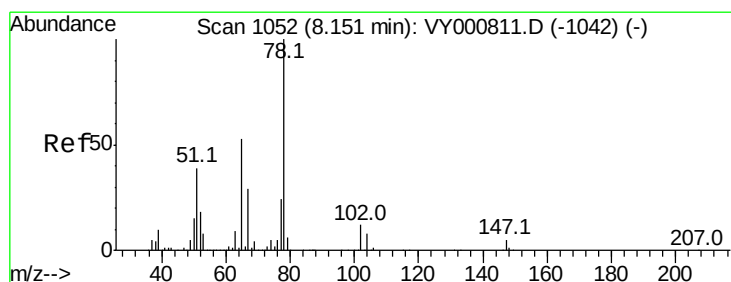
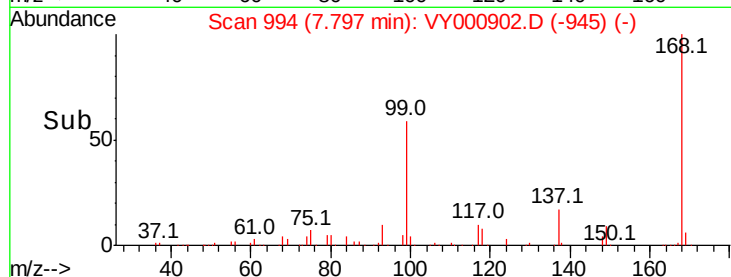
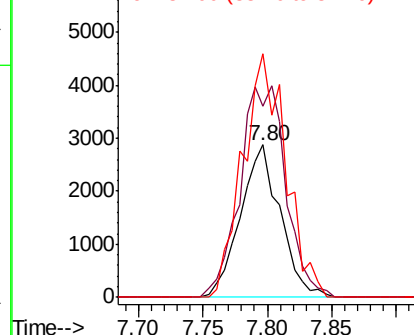
56 100

69 125.5 25.9 38.9#

84 159.5 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: 56.440 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000902.D

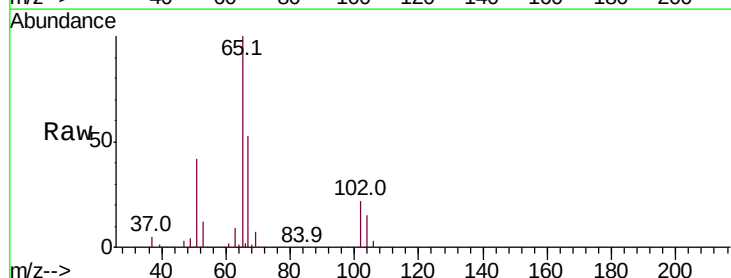
Acq: 06 Dec 2019 15:24

Tgt Ion: 65 Resp: 156378

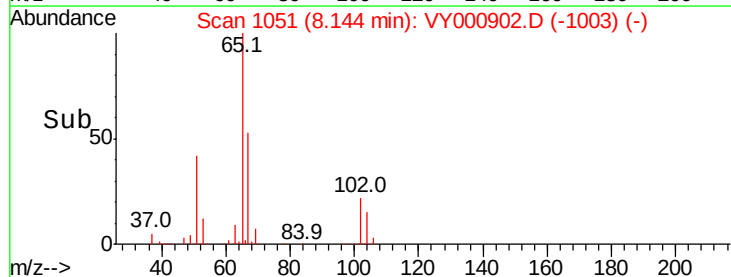
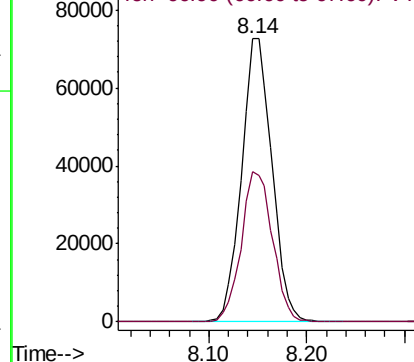
Ion Ratio Lower Upper

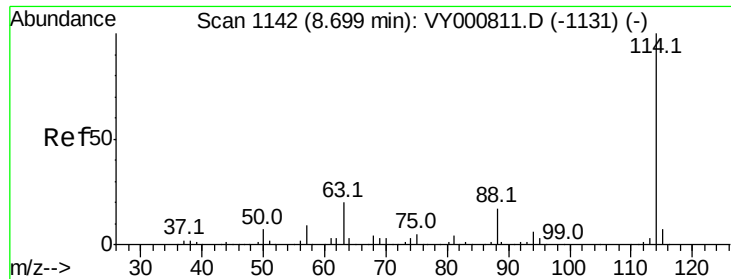
65 100

67 54.6 0.0 112.0



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

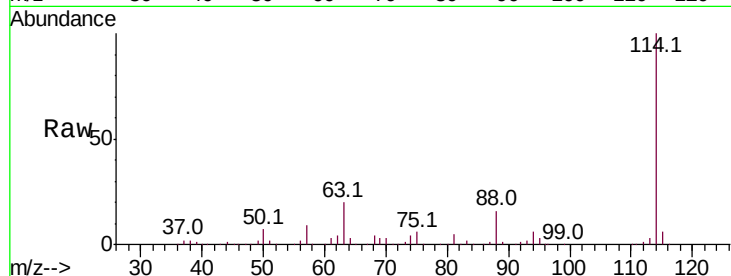




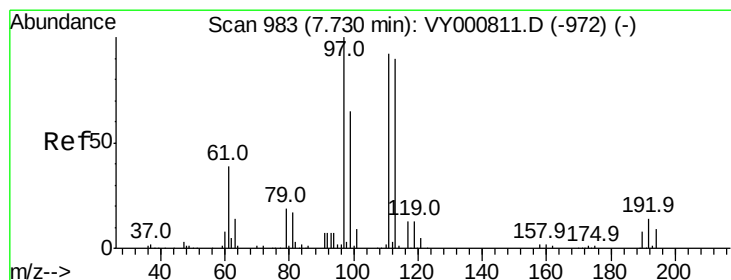
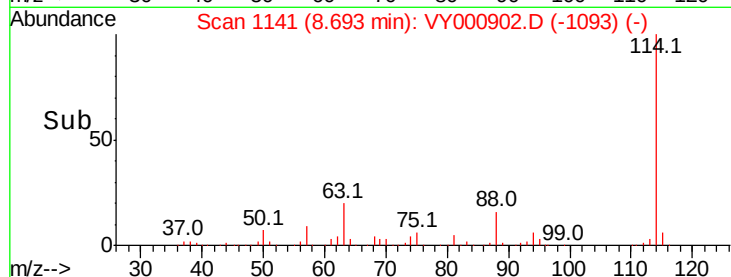
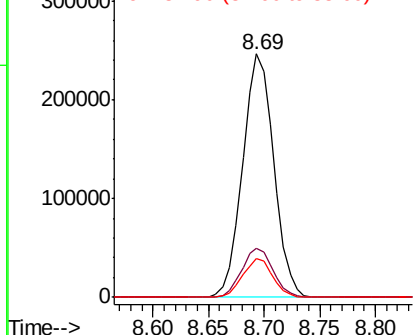
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000902.D
 Acq: 06 Dec 2019 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 477473
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.8 0.0 33.2

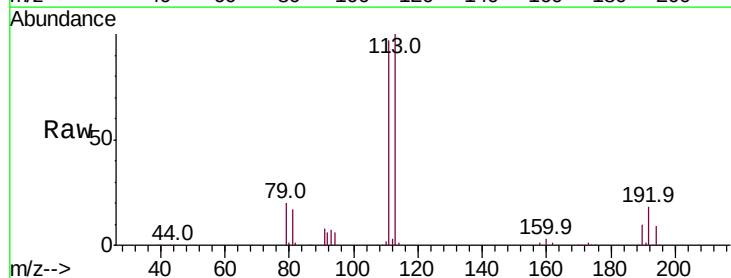


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

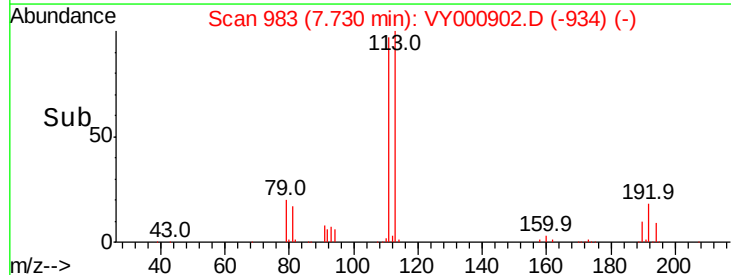
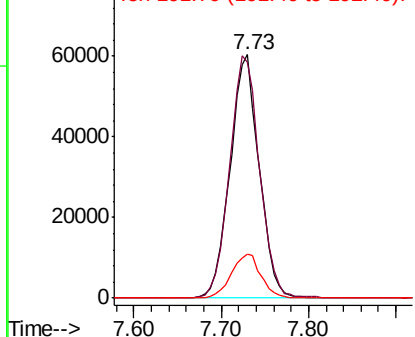


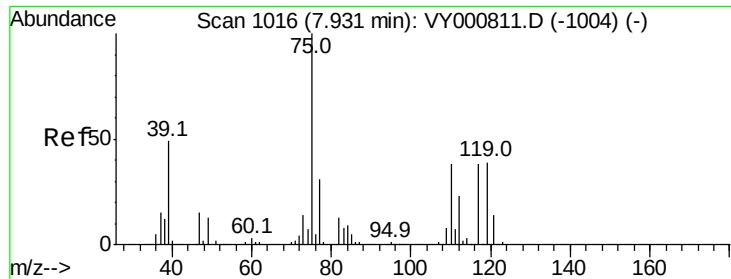
#35
 Dibromofluoromethane
 Concen: 50.052 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000902.D
 Acq: 06 Dec 2019 15:24

Tgt Ion:113 Resp: 139279
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 18.2 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

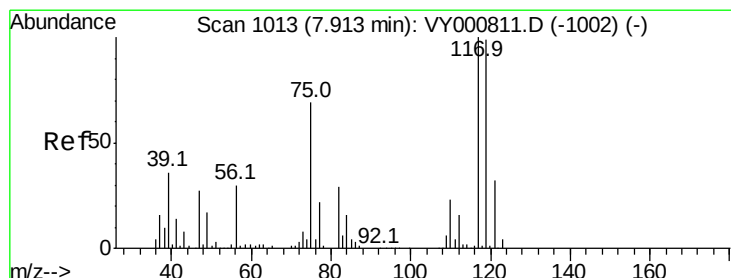
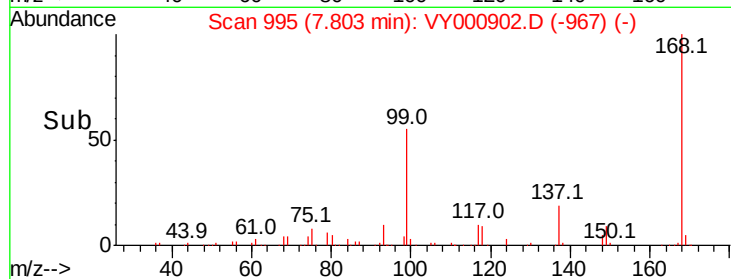
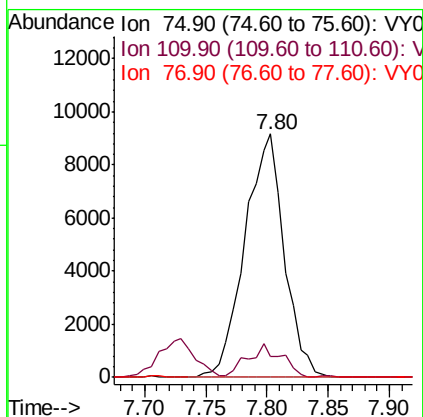
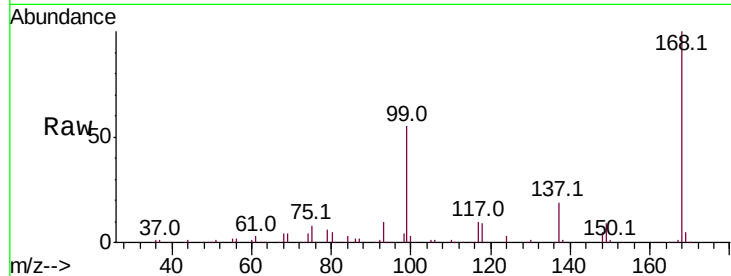




#36
 1,1-Dichloropropene
 Concen: 4.320 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000902.D
 Acq: 06 Dec 2019 15:24

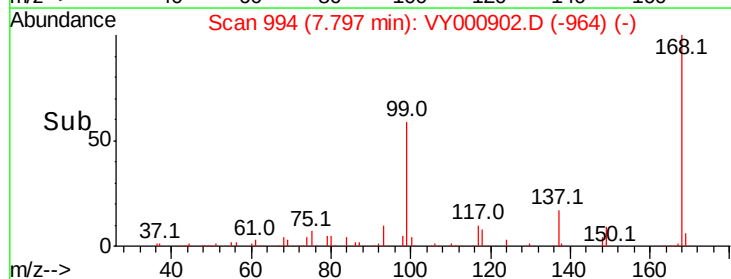
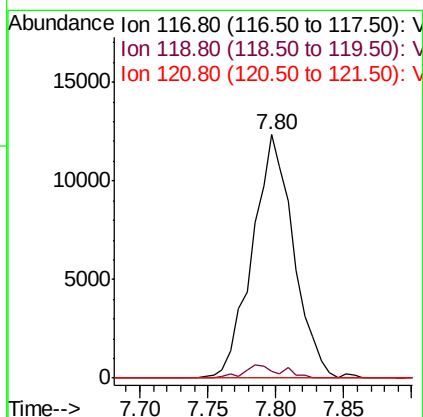
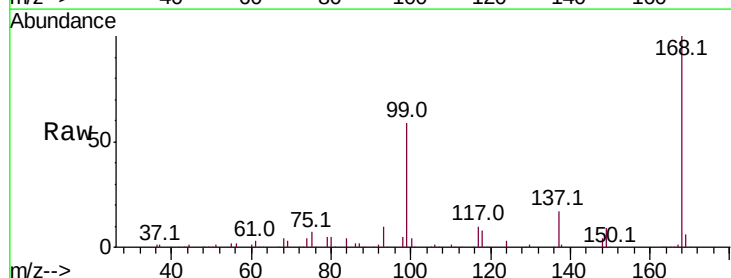
Instrument :
 MSVOA_Y
 ClientSampleId :

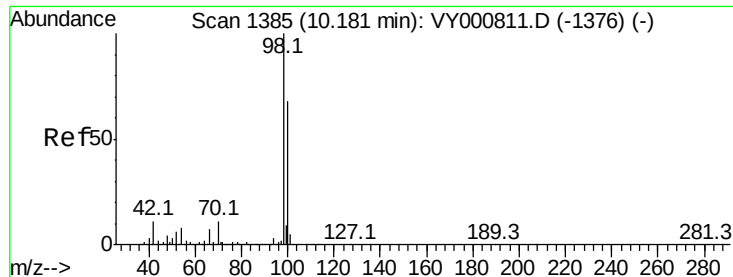
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.8	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.181 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000902.D
 Acq: 06 Dec 2019 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	2.9	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 50.918 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

Instrument :

MSVOA_Y

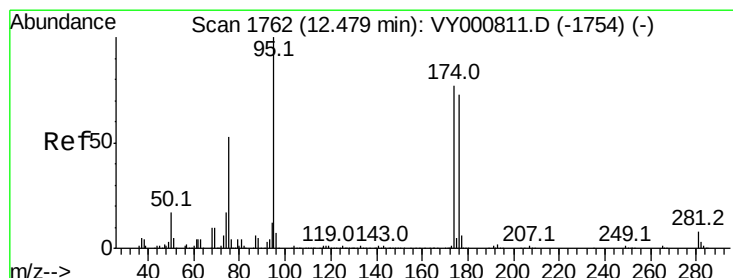
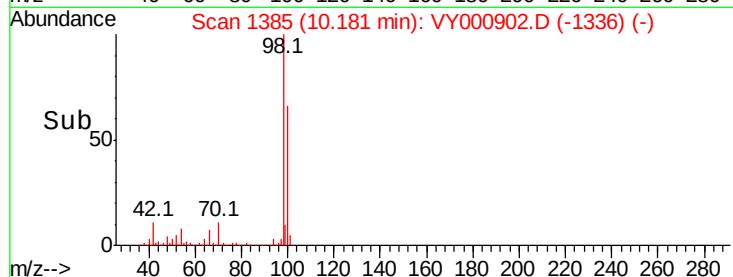
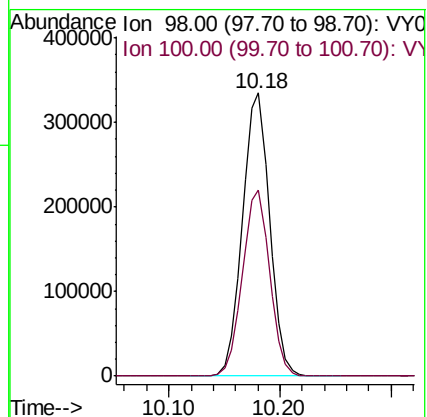
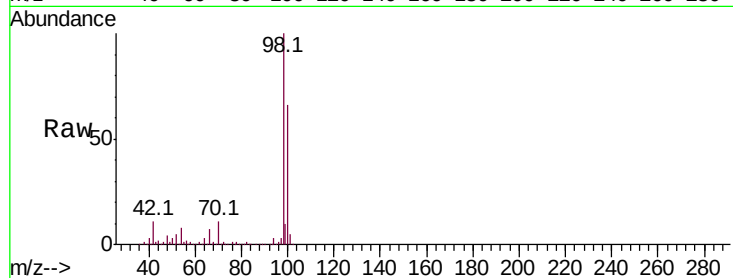
ClientSampleId :

Tot Ion: 98 Resp: 566470

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.895 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

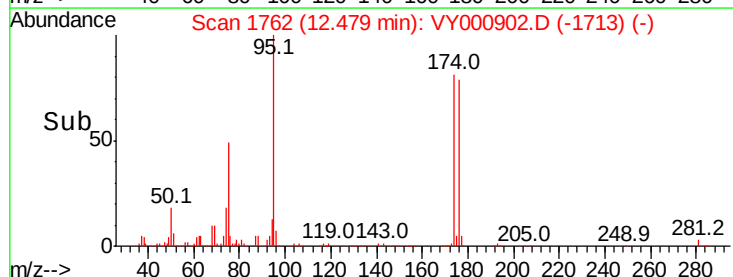
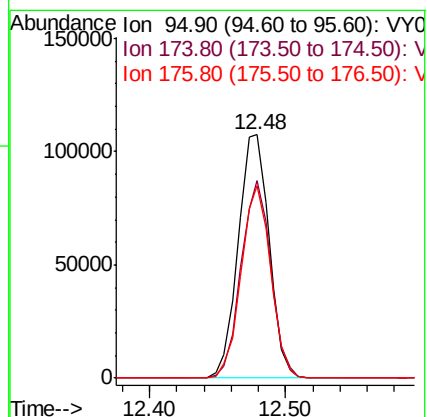
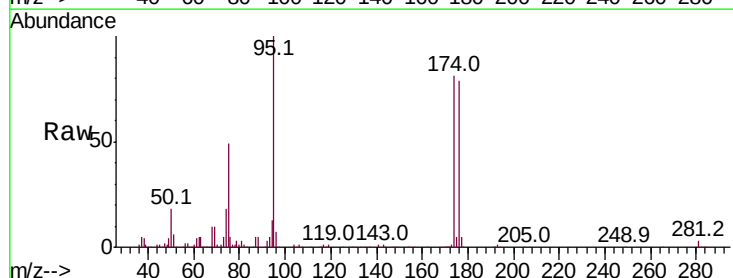
Tgt Ion: 95 Resp: 170861

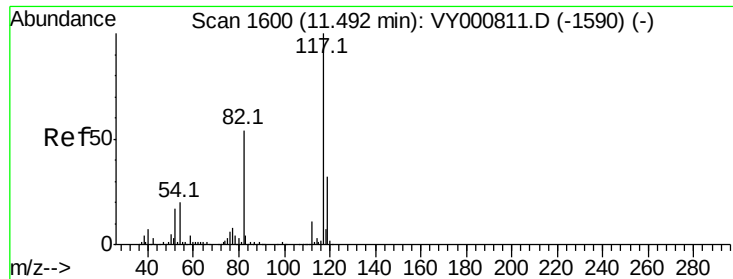
Ion Ratio Lower Upper

95 100

174 77.8 0.0 150.6

176 75.1 0.0 145.2

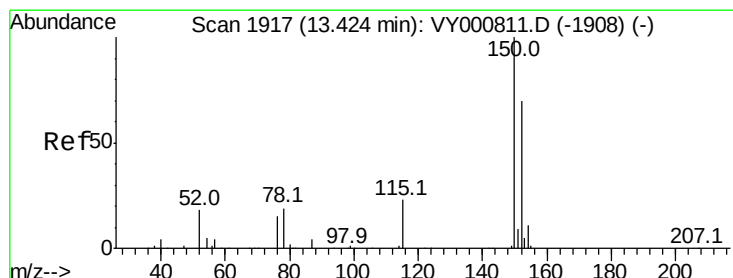
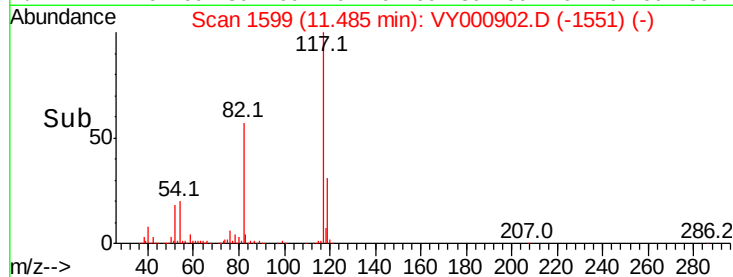
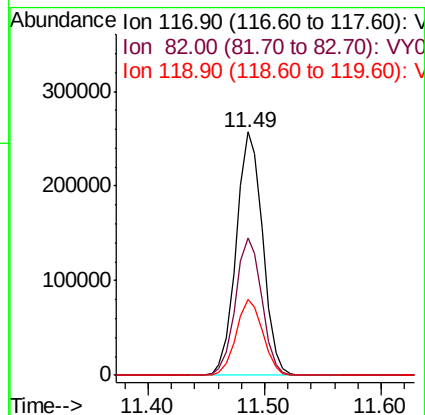
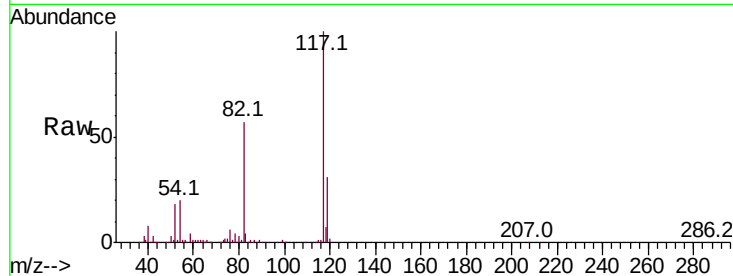




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000902.D
Acq: 06 Dec 2019 15:24

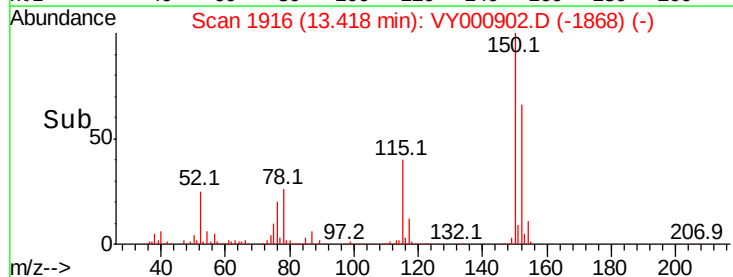
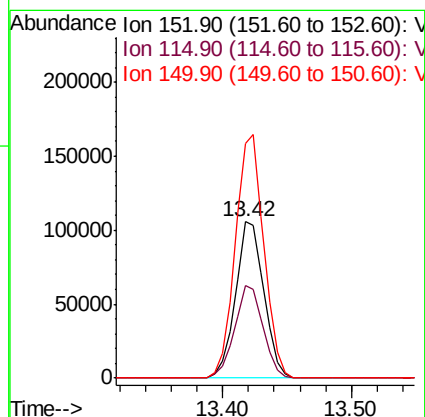
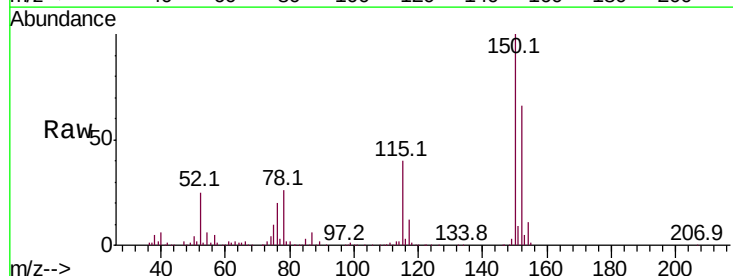
Instrument :
MSVOA_Y
ClientSampleId :

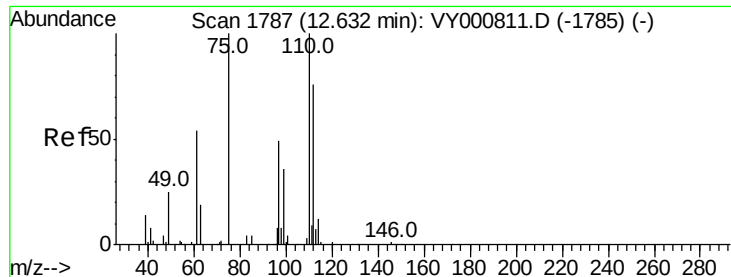
Tot Ion:117 Resp: 407145
Ion Ratio Lower Upper
117 100
82 56.6 43.1 64.7
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000902.D
Acq: 06 Dec 2019 15:24

Tgt Ion:152 Resp: 161724
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.8
150 156.4 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 47.502 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.16 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

Instrument :

MSVOA_Y

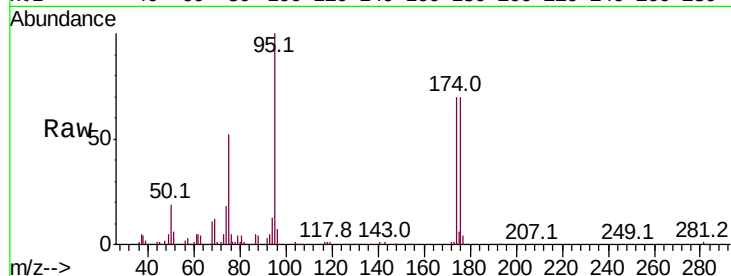
ClientSampleId :

Tot Ion: 75 Resp: 87039

Ion Ratio Lower Upper

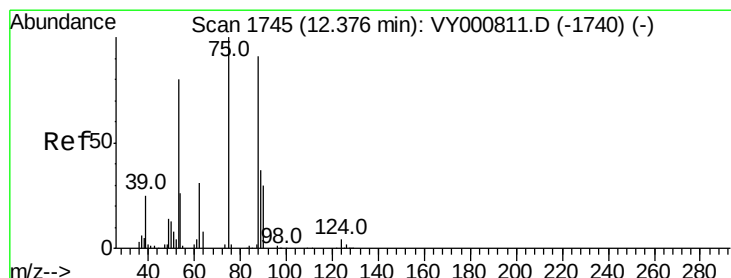
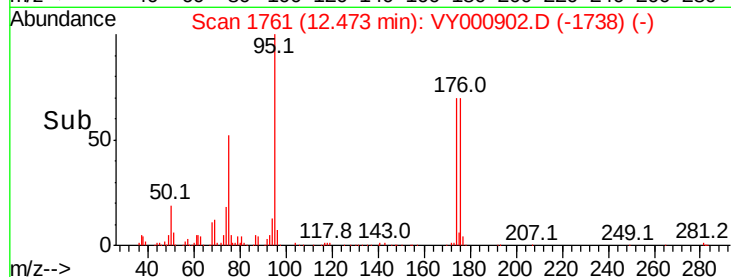
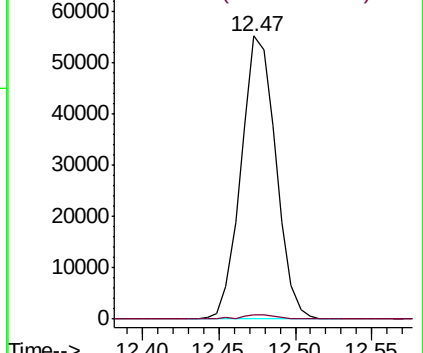
75 100

77 1.7 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: 93.308 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

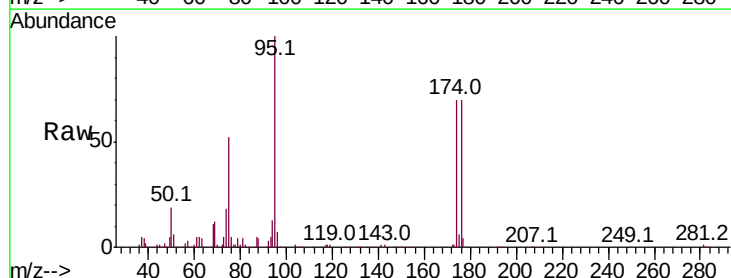
Tgt Ion: 75 Resp: 87039

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

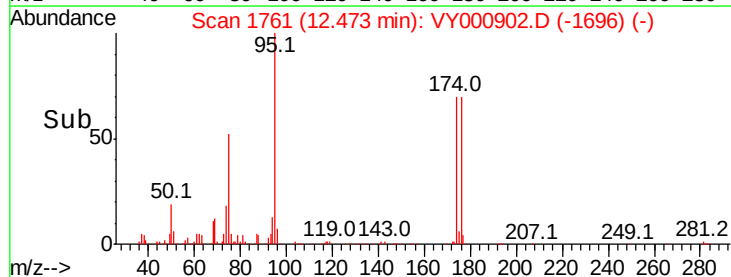
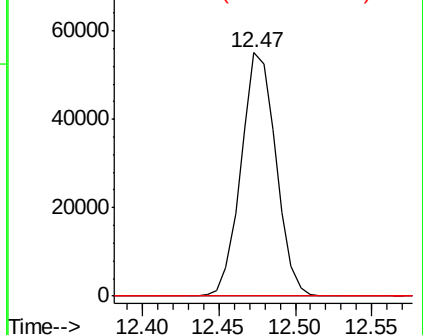
89 0.0 33.6 50.4#

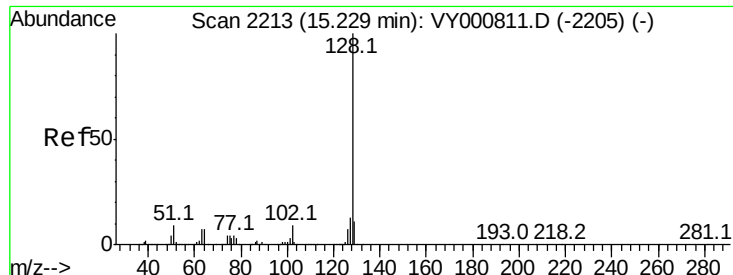


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#95

Naphthalene

Concen: 2.613 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000902.D

Acq: 06 Dec 2019 15:24

Instrument :

MSVOA_Y

ClientSampleId :

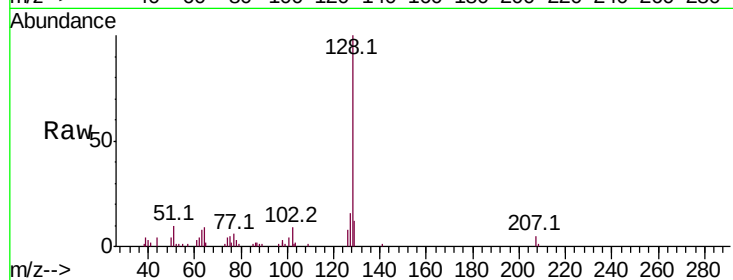
Tot Ion:128 Resp: 20221

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 12.2 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

