

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121219\
 Data File : VY000928.D
 Acq On : 12 Dec 2019 12:27
 Operator : SY/MD
 Sample : VY1212SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBL01

Quant Time: Dec 13 06:25:50 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	255004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	459896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183173	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	146736	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
35) Dibromofluoromethane	7.72	113	135077	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.17	98	551542	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.48	95	183276	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

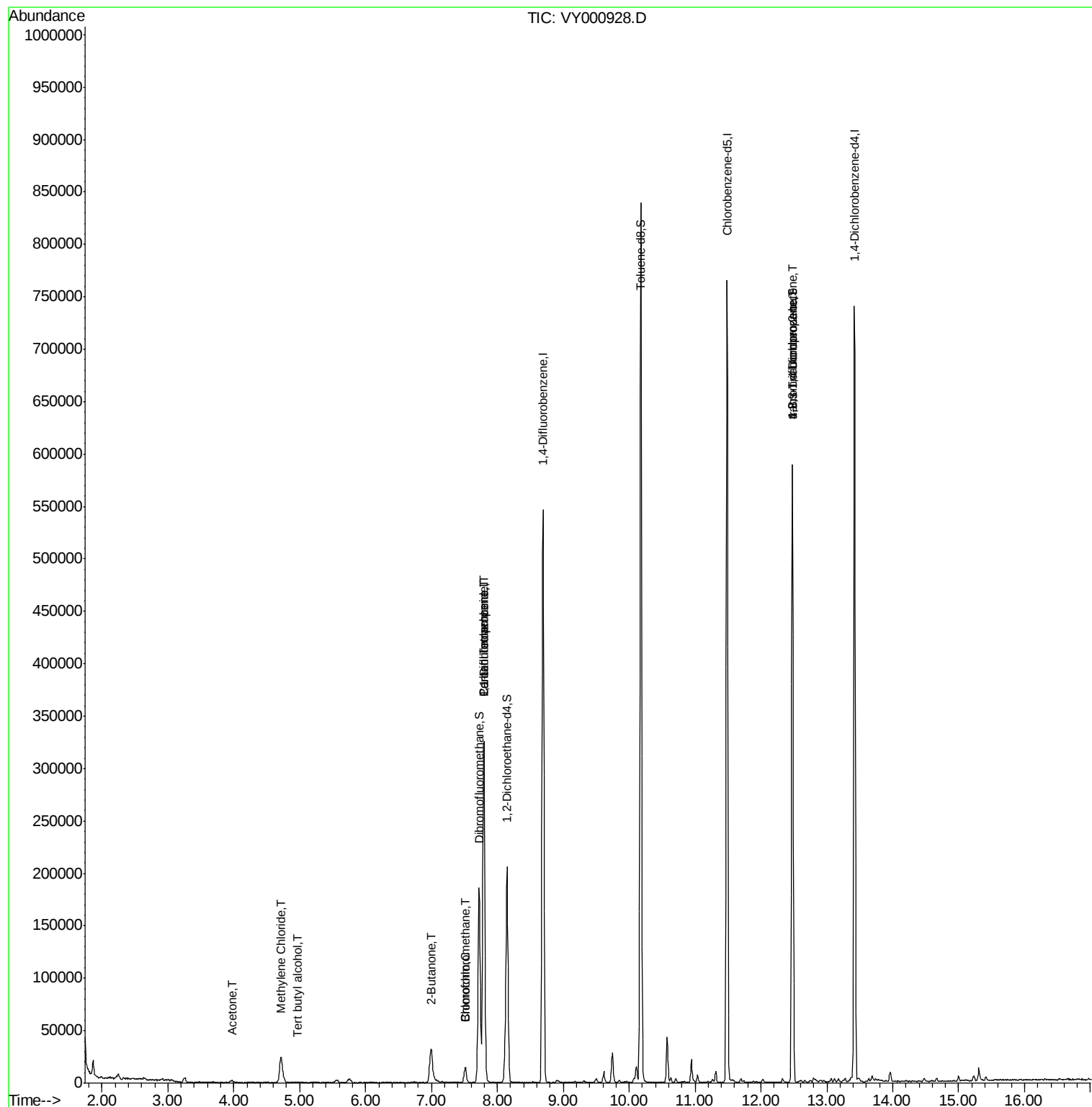
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.63	94	108	Below Cal	#	3
11) Tert butyl alcohol	4.97	59	304	1.115	ug/l #	74
16) Acetone	3.97	43	4237	6.816	ug/l #	85
20) Methylene Chloride	4.72	84	17130	5.228	ug/l #	88
25) 2-Butanone	7.00	43	1943	1.692	ug/l #	89
28) Bromochloromethane	7.51	49	1076	2.534	ug/l #	15
30) Chloroform	7.51	83	13949	2.560	ug/l #	81
36) 1,1-Dichloropropene	7.79	75	20569	4.498	ug/l #	49
38) Carbon Tetrachloride	7.80	117	24117	5.922	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	92928	44.777	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	92928	87.956	ug/l #	17

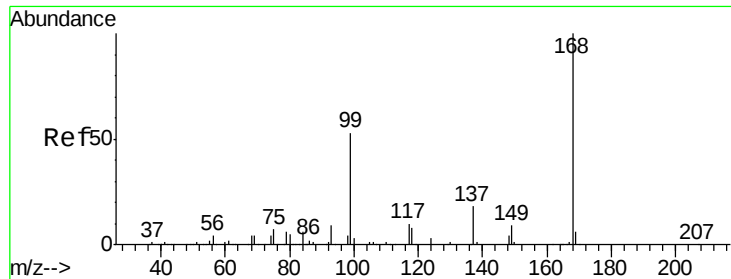
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121219\
Data File : VY000928.D
Acq On : 12 Dec 2019 12:27
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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

Quant Time: Dec 13 06:25:50 2019
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# 994

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

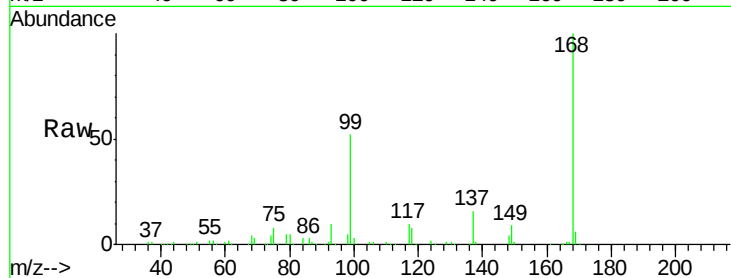
VY1212SBL01

Tgt Ion: 168 Resp: 255004

Ion Ratio Lower Upper

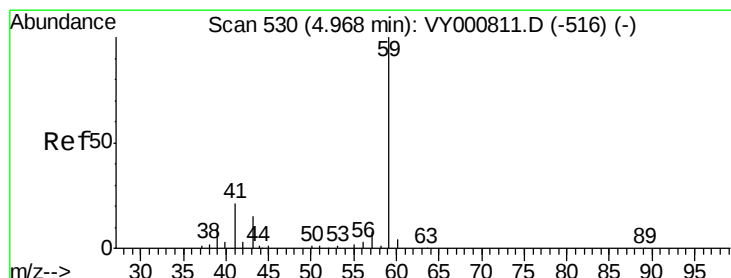
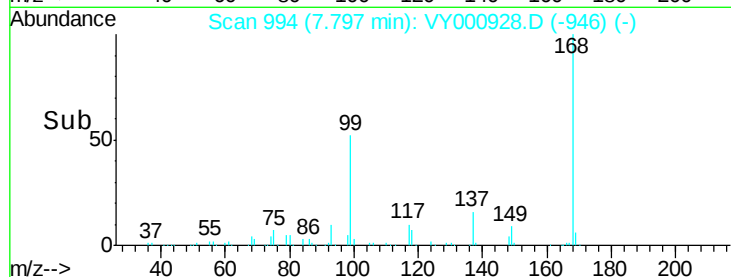
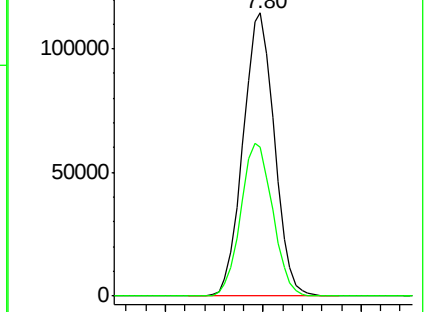
168 100

99 52.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000928.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000928.D (-946) (-)



#11

Tert butyl alcohol

Concen: 1.115 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY000928.D

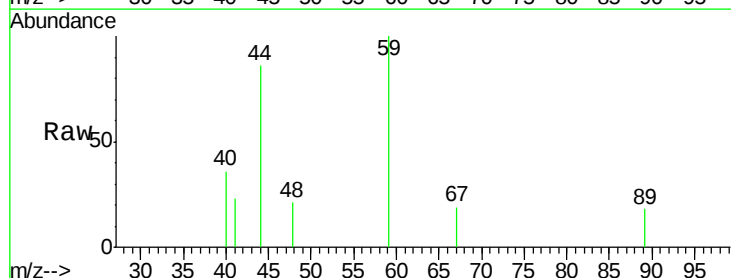
Acq: 12 Dec 2019 12:27

Tgt Ion: 59 Resp: 304

Ion Ratio Lower Upper

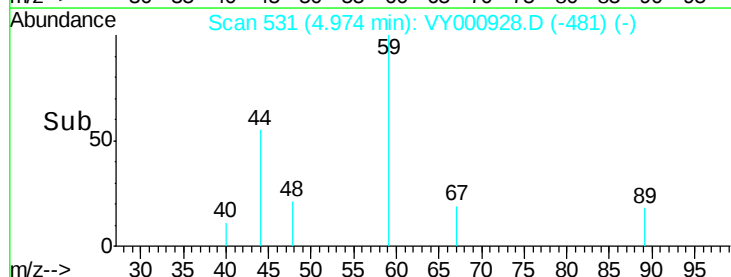
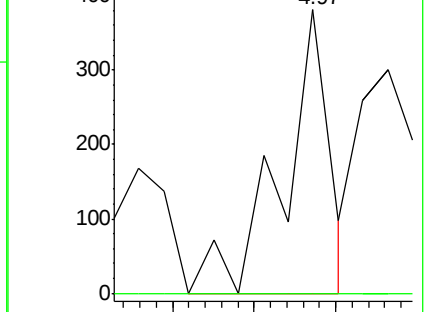
59 100

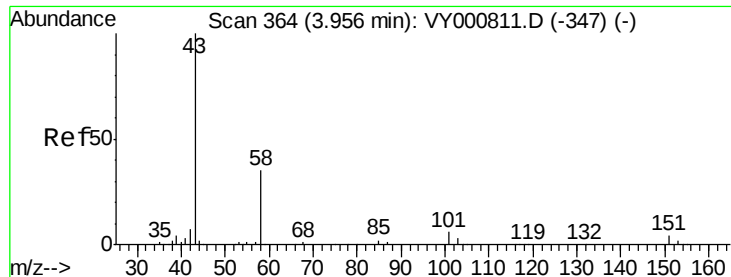
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000928.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY000928.D (-481) (-)





#16

Acetone

Concen: 6.816 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

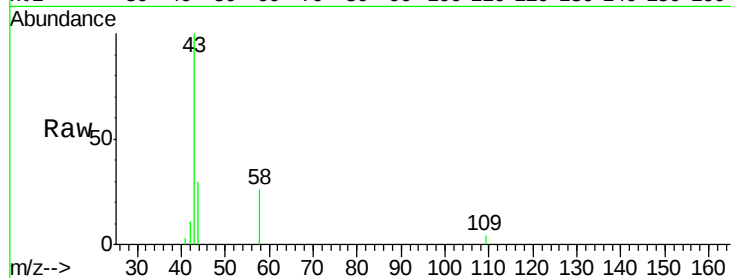
VY1212SBL01

Tgt Ion: 43 Resp: 4237

Ion Ratio Lower Upper

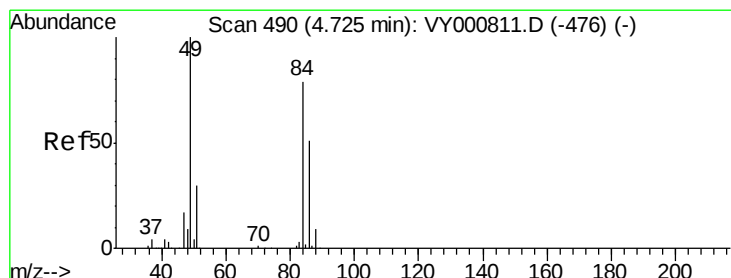
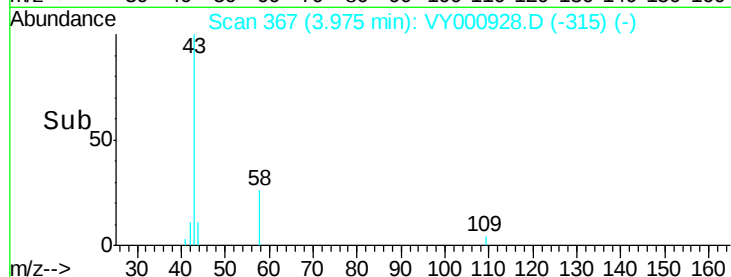
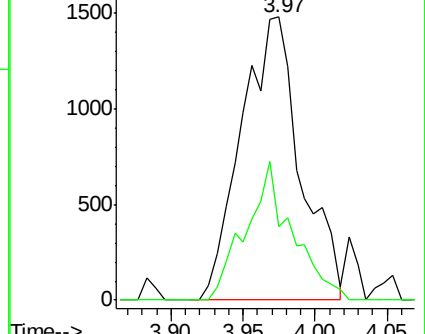
43 100

58 26.1 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 5.228 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Tgt Ion: 84 Resp: 17130

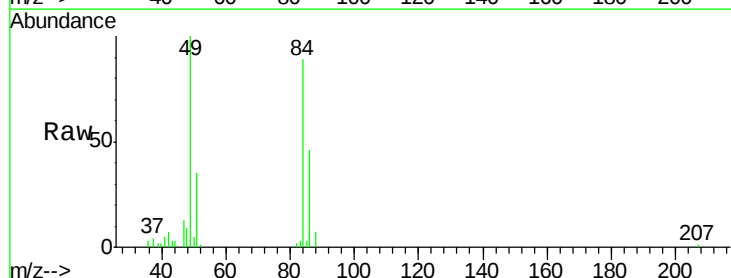
Ion Ratio Lower Upper

84 100

49 112.0 101.3 151.9

51 39.0 30.6 45.8

86 51.4 51.3 76.9

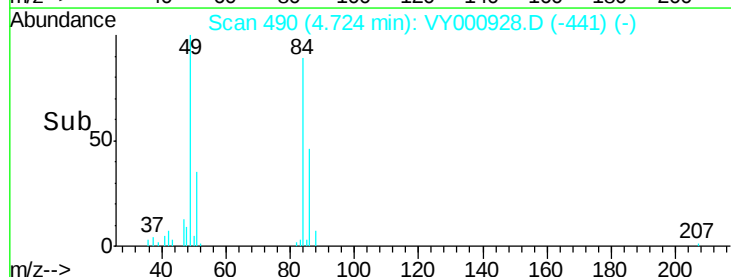
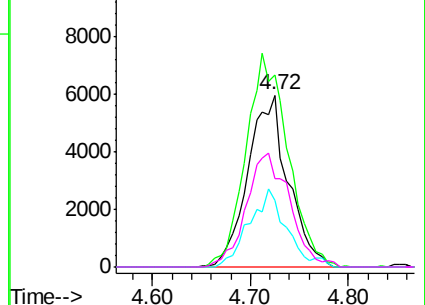


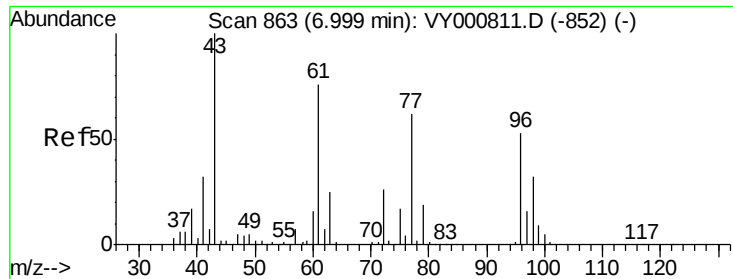
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

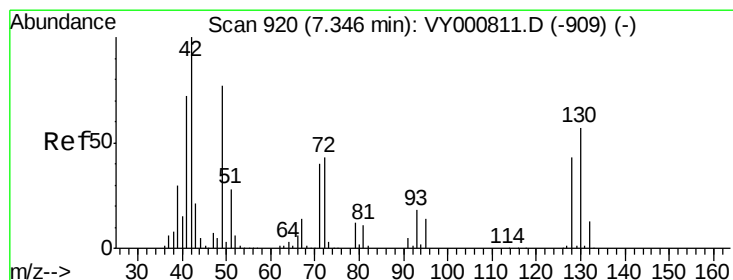
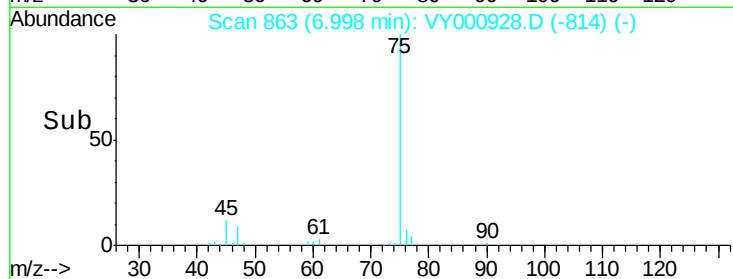
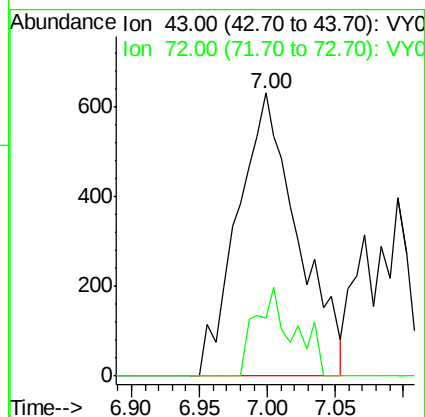
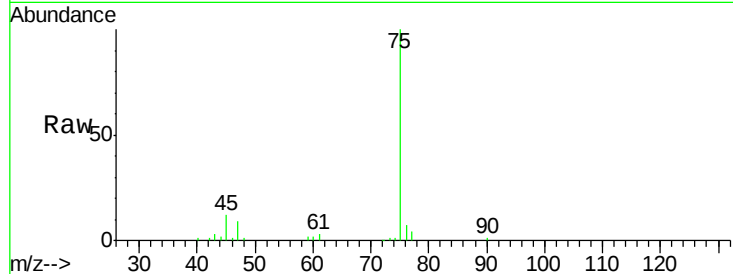




#25
 2-Butanone
 Concen: 1.692 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000928.D
 Acq: 12 Dec 2019 12:27

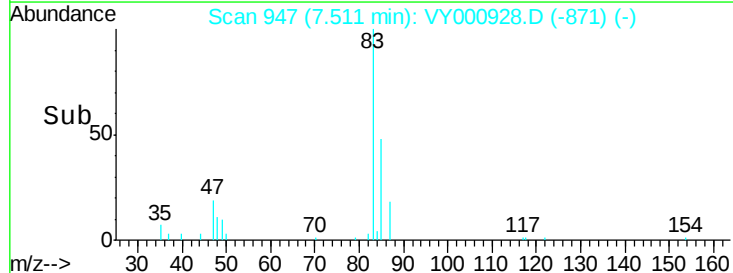
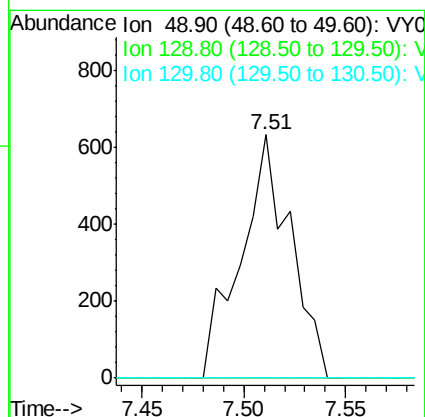
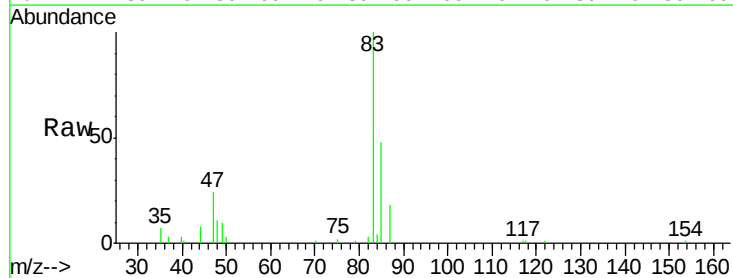
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBL01

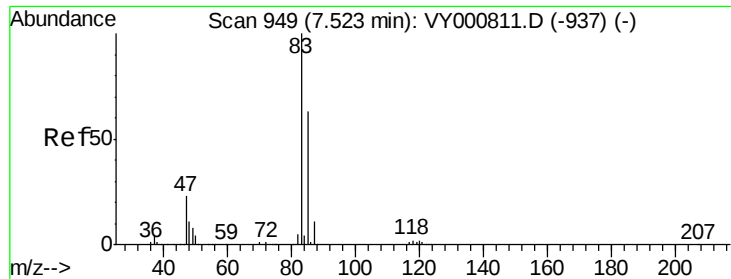
Tgt Ion: 43 Resp: 1943
 Ion Ratio Lower Upper
 43 100
 72 20.5 21.0 31.4#



#28
 Bromochloromethane
 Concen: 2.534 ug/l
 RT: 7.51 min Scan# 947
 Delta R.T. 0.16 min
 Lab File: VY000928.D
 Acq: 12 Dec 2019 12:27

Tgt Ion: 49 Resp: 1076
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 58.7 88.1#

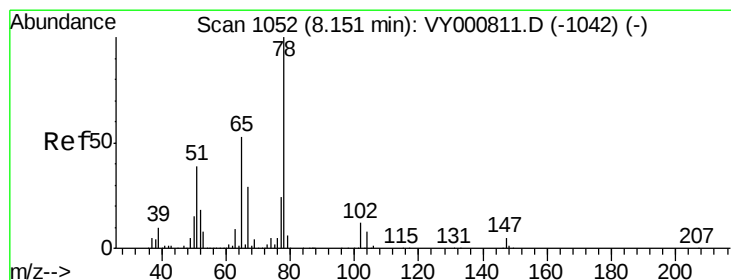
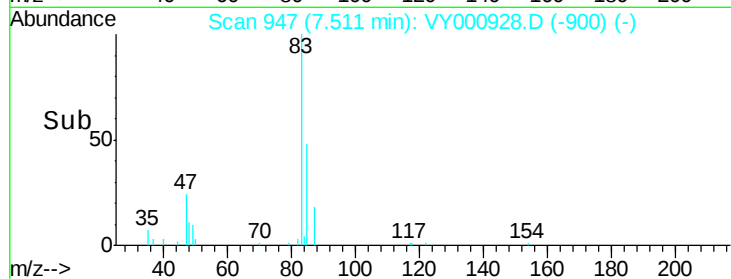
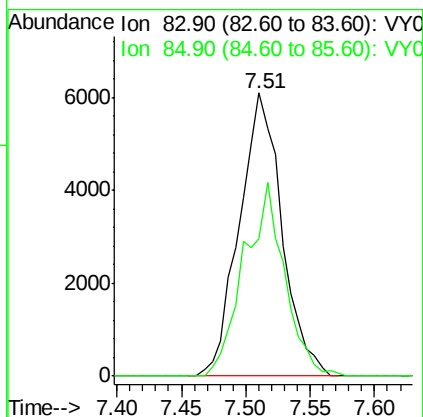
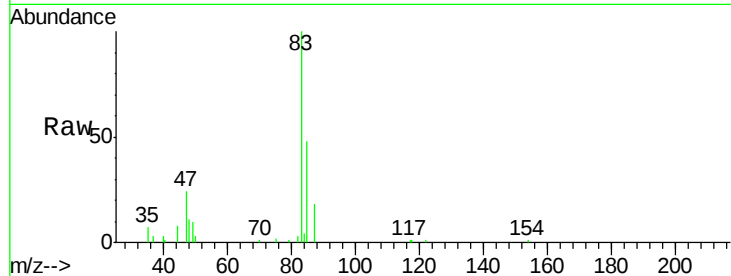




#30
Chloroform
Concen: 2.560 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000928.D
Acq: 12 Dec 2019 12:27

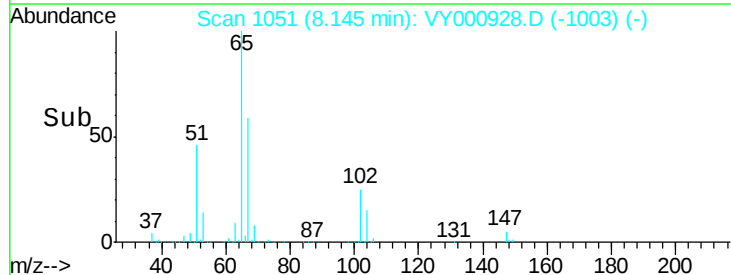
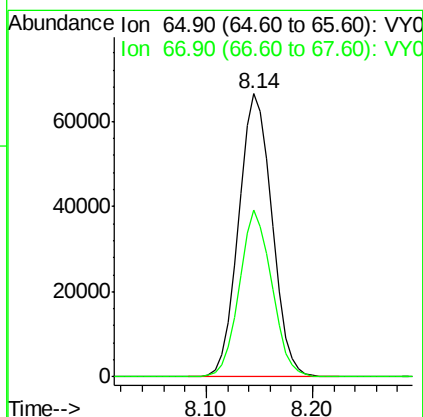
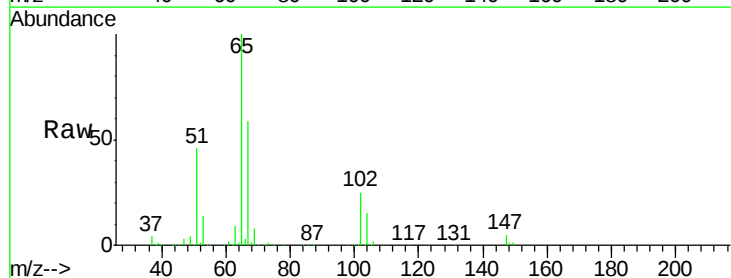
Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

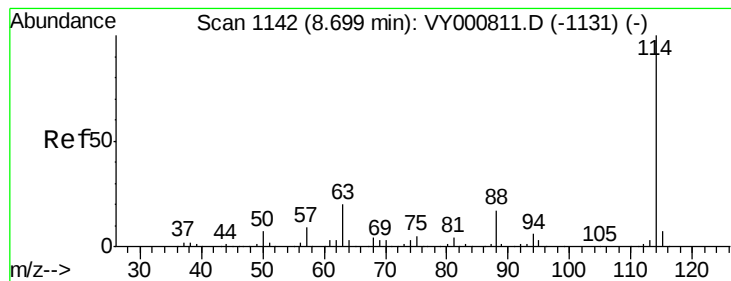
Tgt Ion: 83 Resp: 13949
Ion Ratio Lower Upper
83 100
85 48.4 50.4 75.6#



#33
1,2-Dichloroethane-d4
Concen: 54.153 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY000928.D
Acq: 12 Dec 2019 12:27

Tgt Ion: 65 Resp: 146736
Ion Ratio Lower Upper
65 100
67 57.4 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBL01

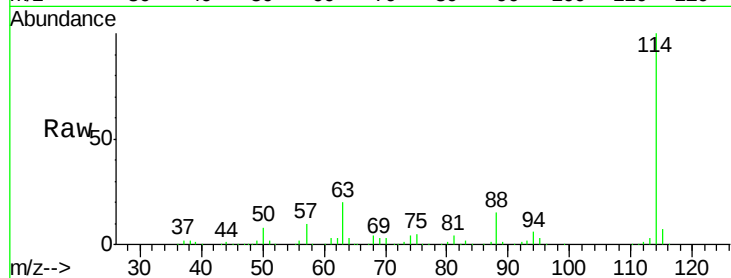
Tgt Ion:114 Resp: 459896

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.5 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

300000

250000

200000

150000

100000

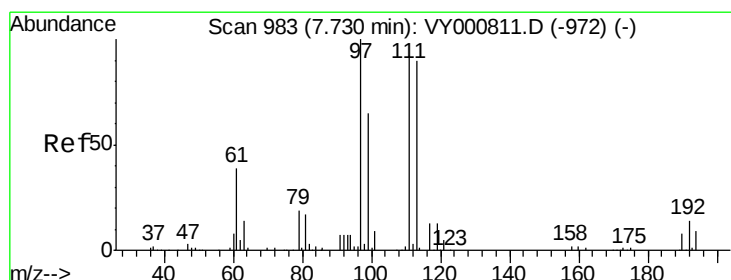
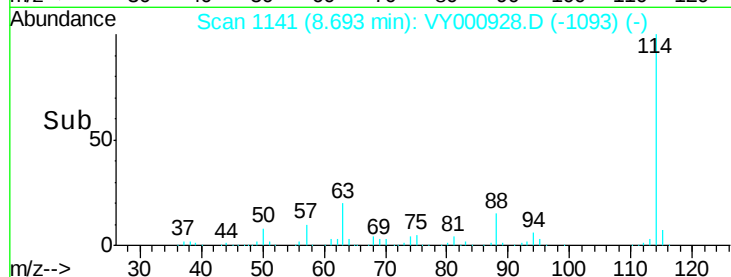
50000

0

8.69

8.60 8.65 8.70 8.75

Time-->



#35

Dibromofluoromethane

Concen: 50.397 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

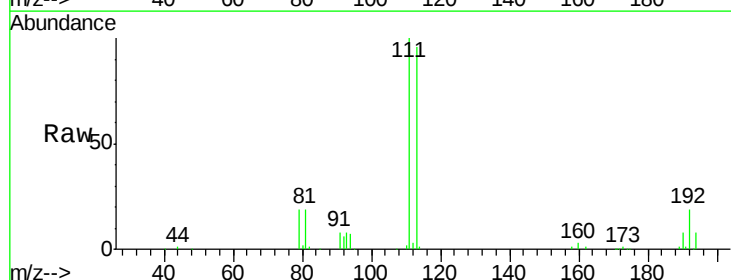
Tgt Ion:113 Resp: 135077

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 18.6 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

80000

60000

40000

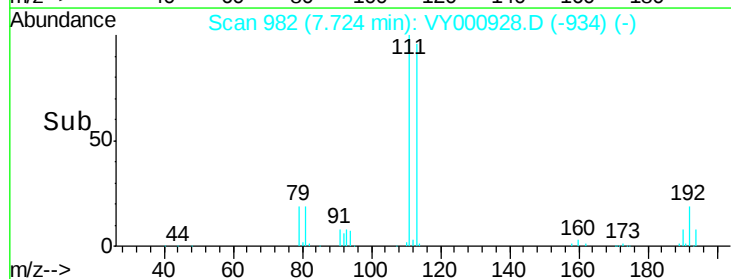
20000

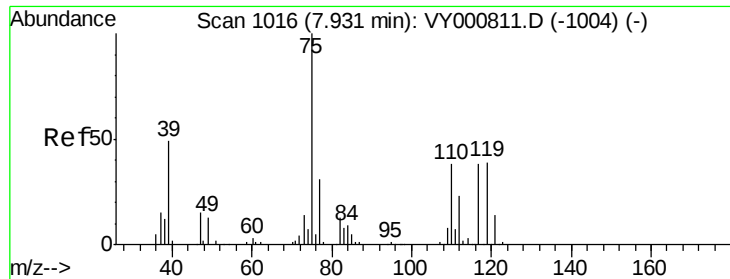
0

7.72

7.60 7.70 7.80

Time-->

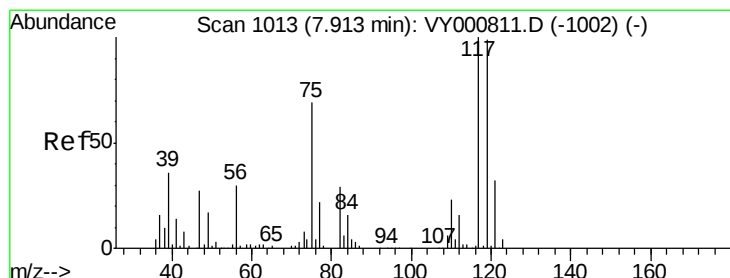
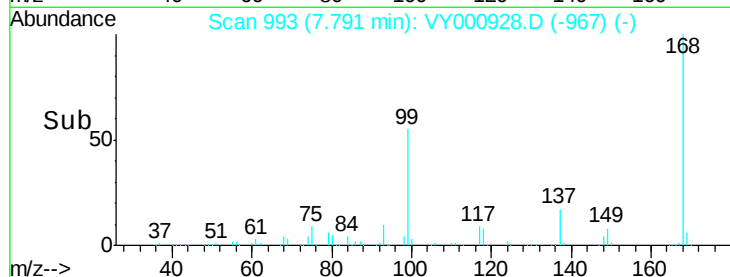
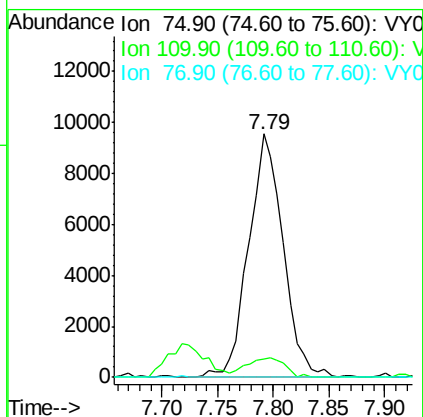
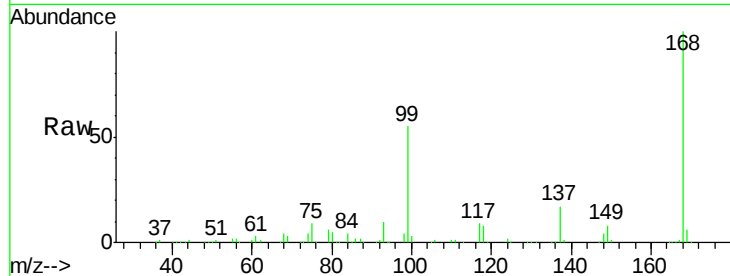




#36
 1,1-Dichloropropene
 Concen: 4.498 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.14 min
 Lab File: VY000928.D
 Acq: 12 Dec 2019 12:27

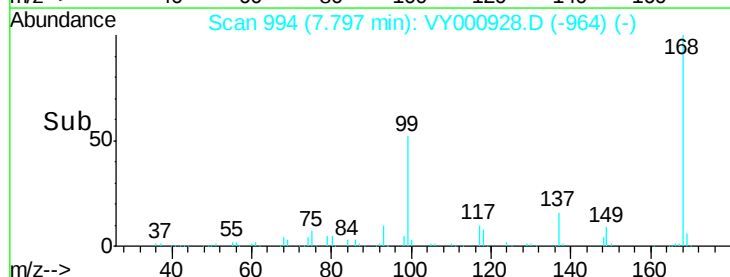
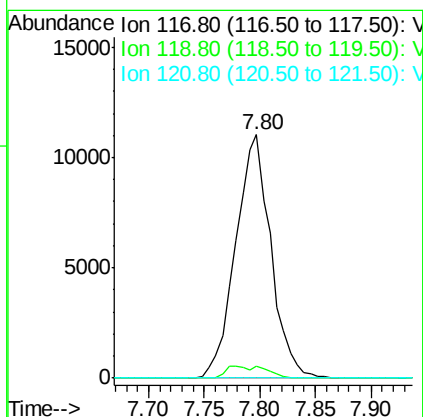
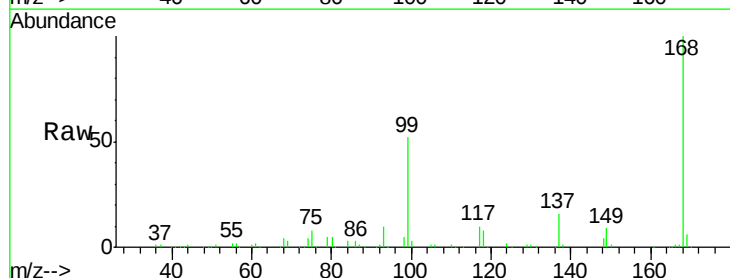
Instrument :
 MSVOA_Y
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 VY1212SBL01

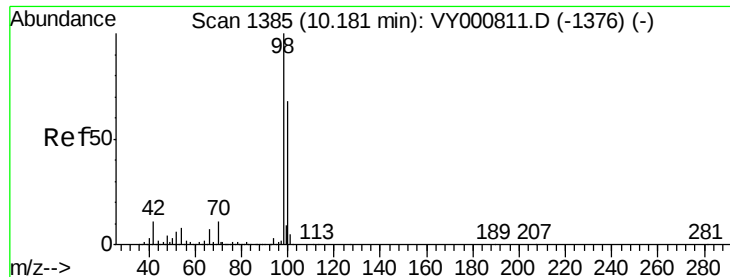
Tgt Ion: 75 Resp: 20569
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.9 53.7#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.922 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000928.D
 Acq: 12 Dec 2019 12:27

Tgt Ion: 117 Resp: 24117
 Ion Ratio Lower Upper
 117 100
 119 5.1 79.3 118.9#
 121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 51.471 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

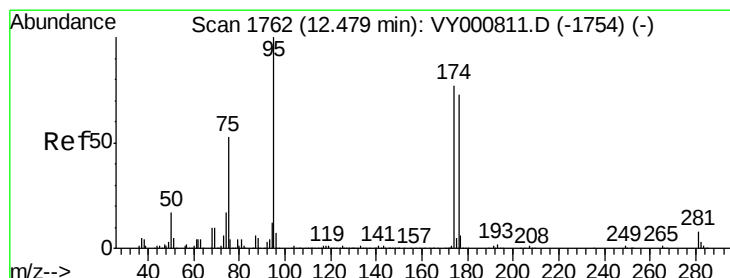
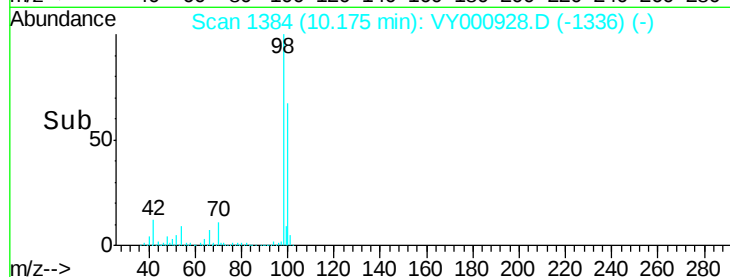
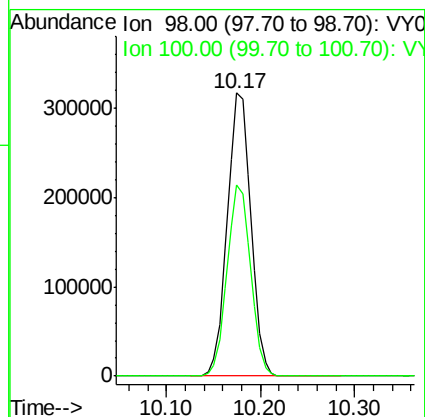
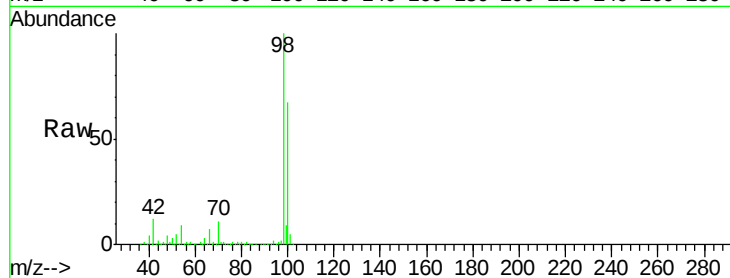
VY1212SBL01

Tgt Ion: 98 Resp: 551542

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.543 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

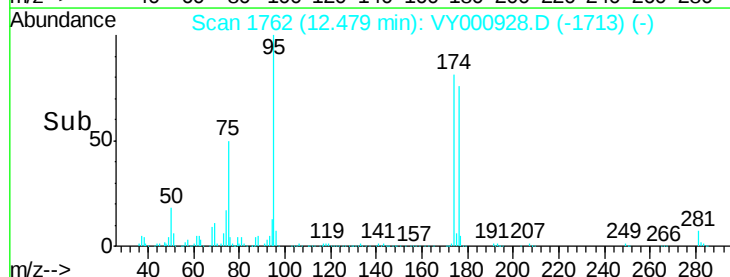
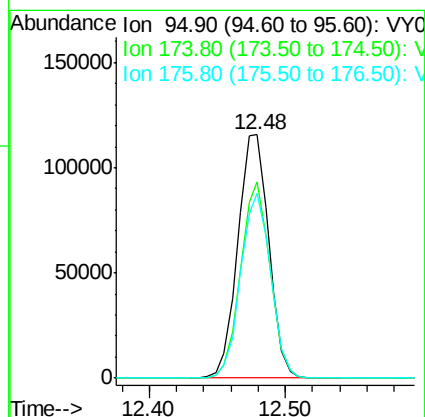
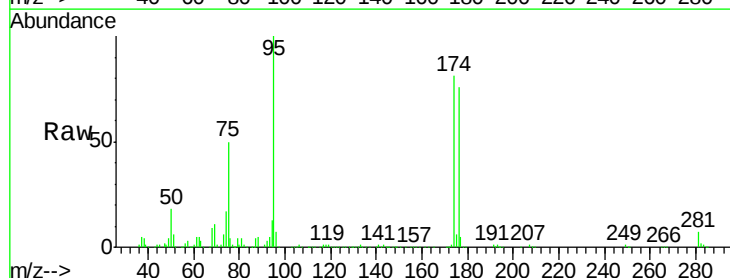
Tgt Ion: 95 Resp: 183276

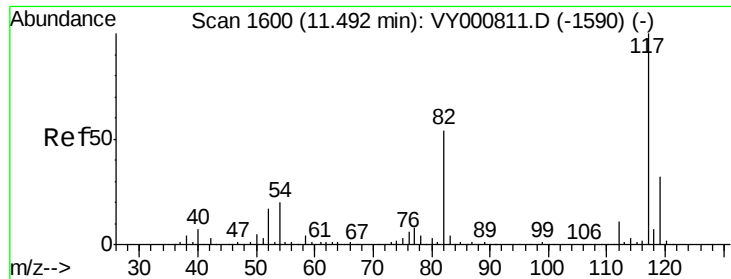
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.6

176 73.8 0.0 145.2

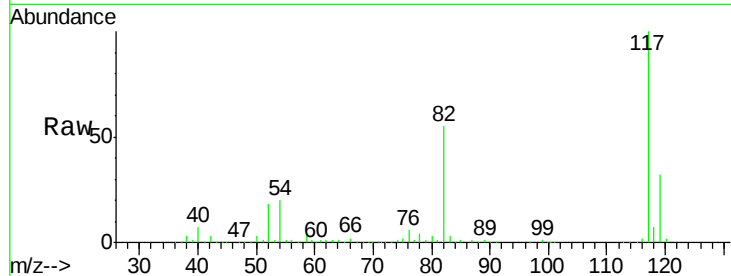




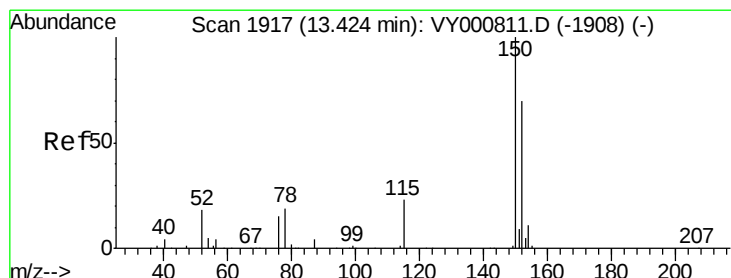
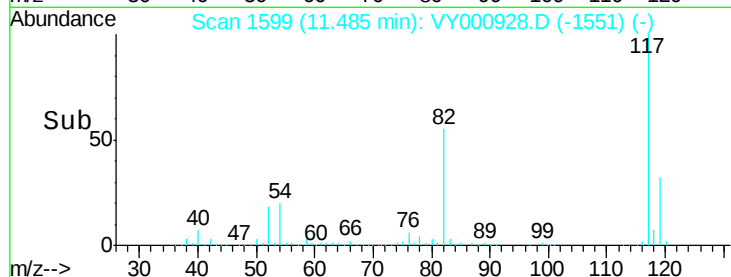
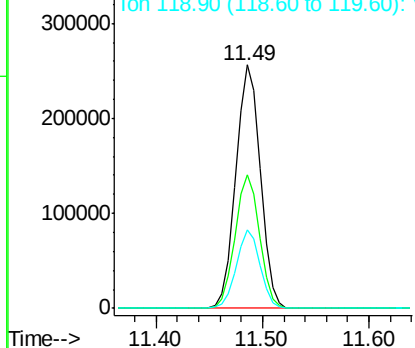
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000928.D
Acq: 12 Dec 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBL01

Tgt Ion:117 Resp: 415822
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 32.1 25.3 37.9

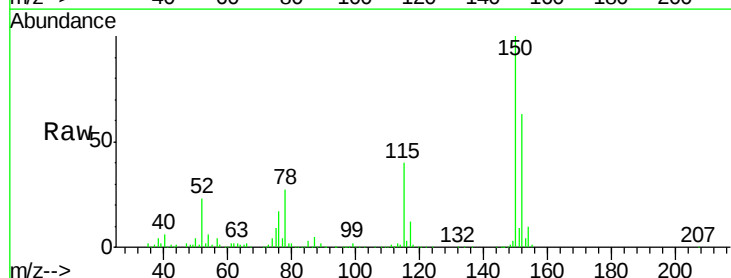


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

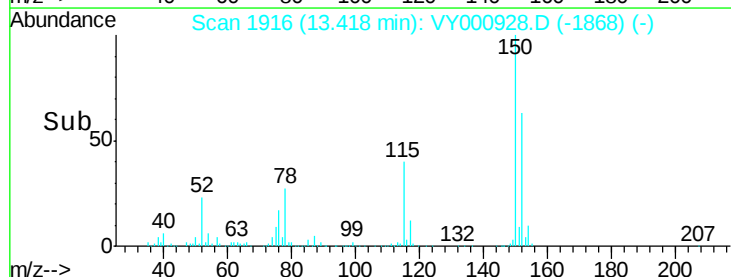
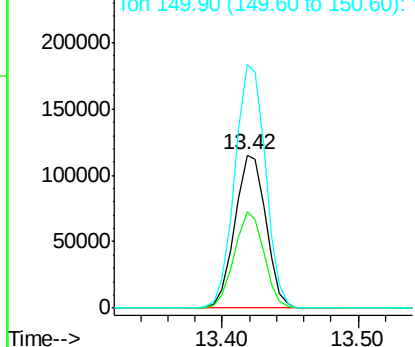


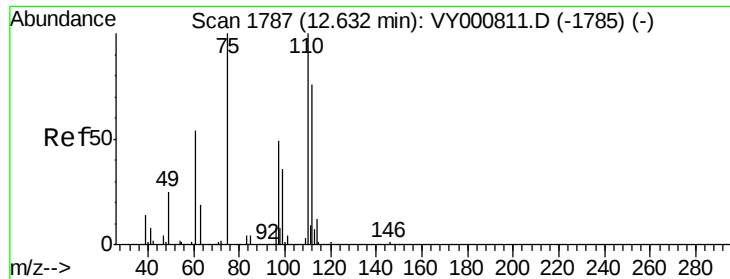
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000928.D
Acq: 12 Dec 2019 12:27

Tgt Ion:152 Resp: 183173
Ion Ratio Lower Upper
152 100
115 60.1 29.3 87.8
150 157.2 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: 44.777 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

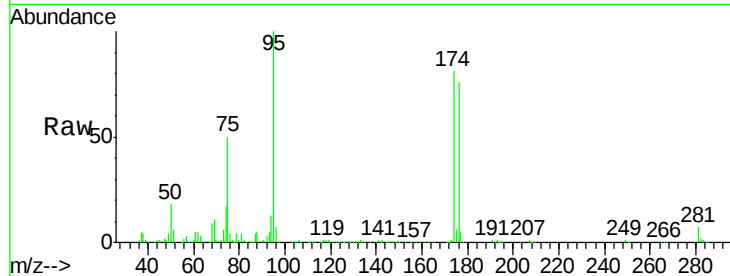
VY1212SBL01

Tgt Ion: 75 Resp: 92928

Ion Ratio Lower Upper

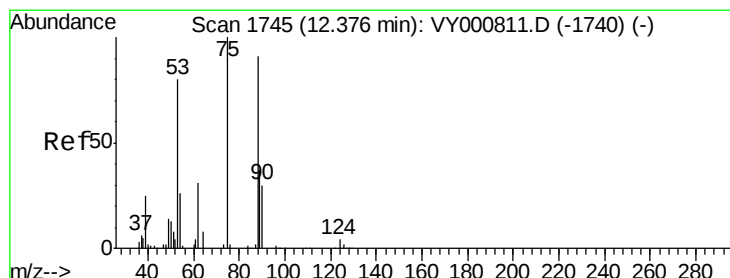
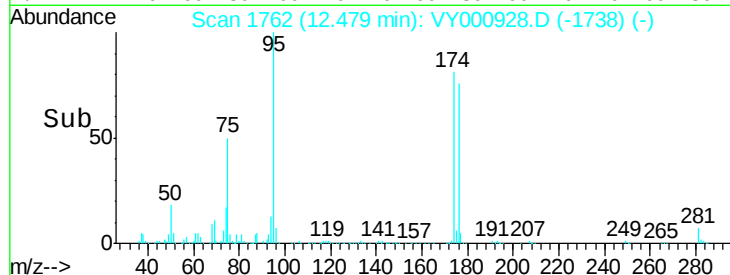
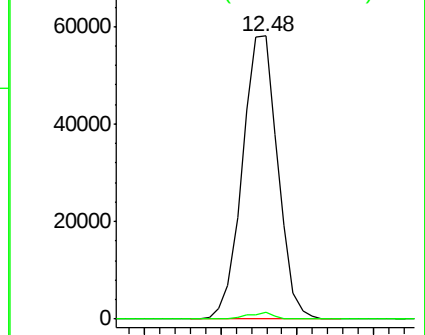
75 100

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: 87.956 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000928.D

Acq: 12 Dec 2019 12:27

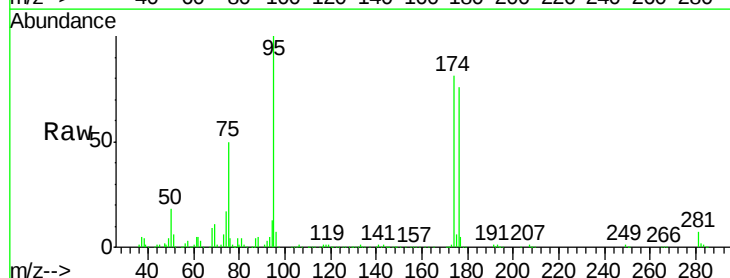
Tgt Ion: 75 Resp: 92928

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 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

