

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000963.D
 Acq On : 16 Dec 2019 18:25
 Operator : SY/MD
 Sample : K6318-04
 Misc : 5.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X089-SB-4

Quant Time: Dec 17 07:56:30 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

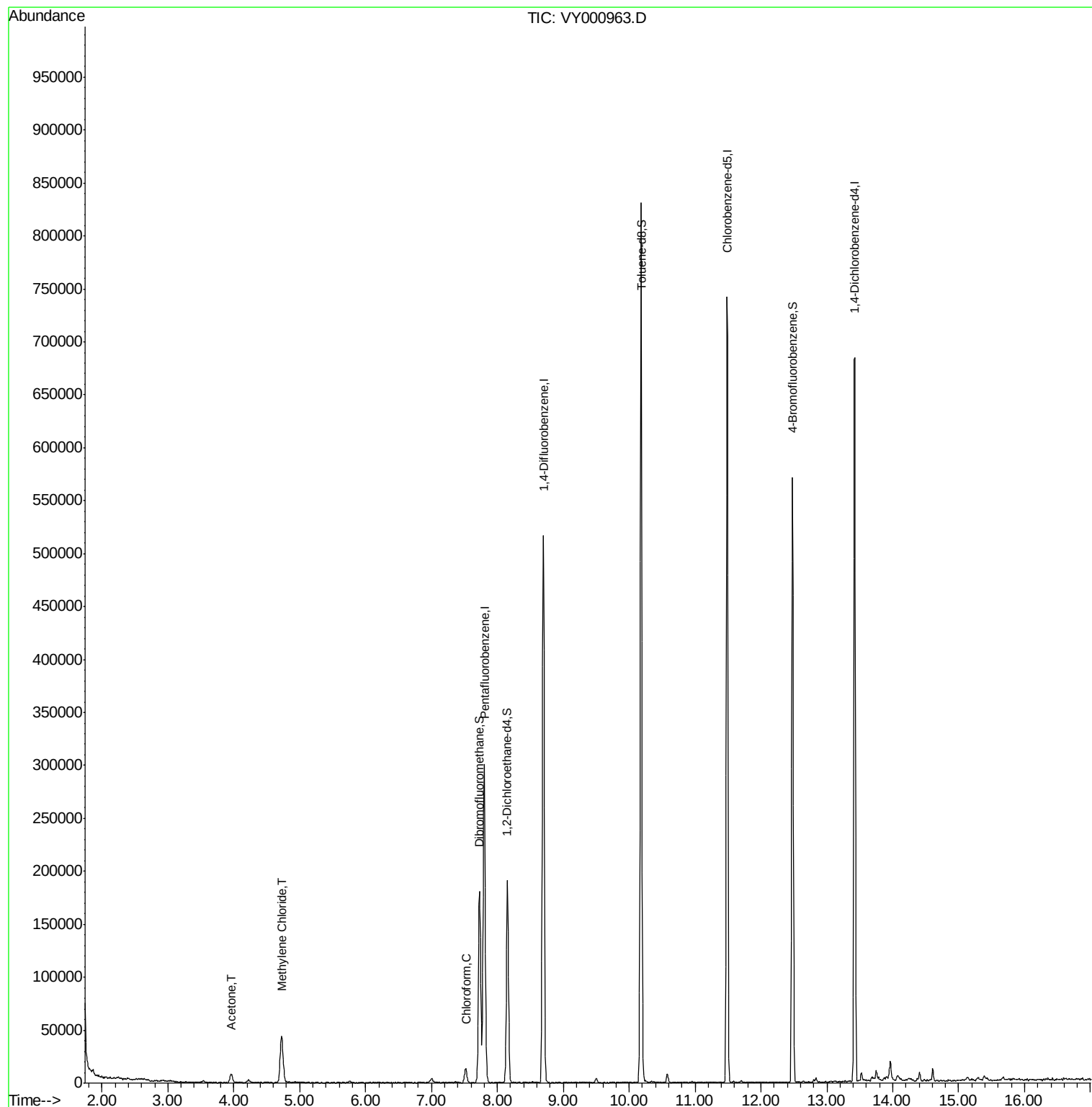
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	448535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	398394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139794	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
35) Dibromofluoromethane	7.73	113	128961	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.18	98	534386	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.48	95	173860	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
Target Compounds						
16) Acetone	3.96	43	14457	24.802	ug/l	95
20) Methylene Chloride	4.74	84	34353	11.180	ug/l	91
30) Chloroform	7.52	83	13002	2.545	ug/l	94

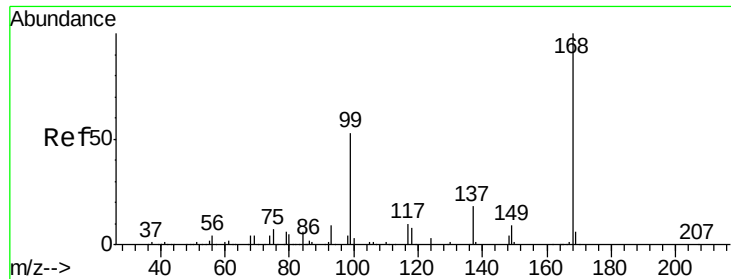
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
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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: VY000963.D

Acq: 16 Dec 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

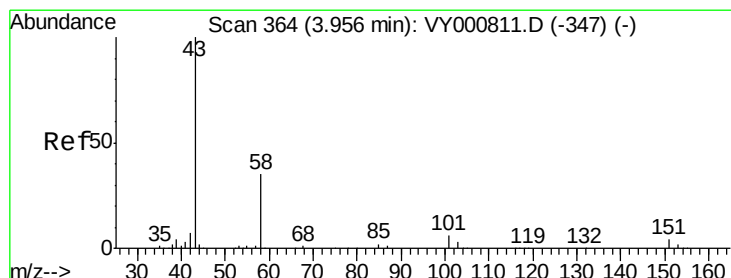
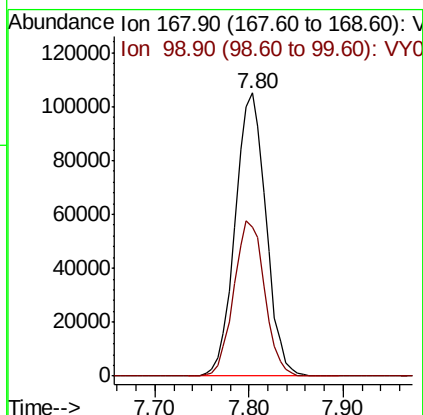
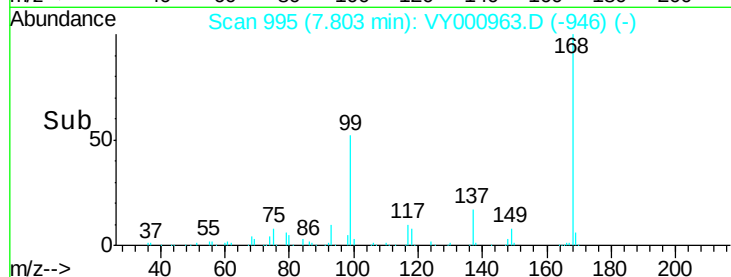
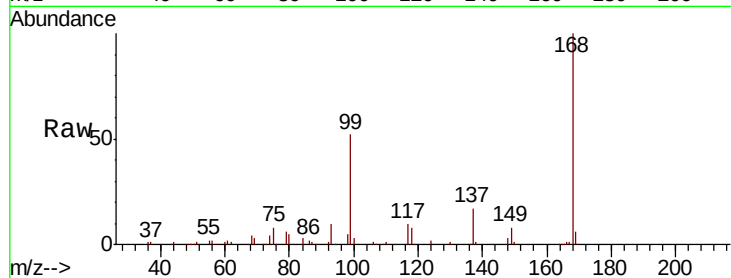
X089-SB-4

Tot Ion:168 Resp: 239135

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.6



#16

Acetone

Concen: 24.802 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000963.D

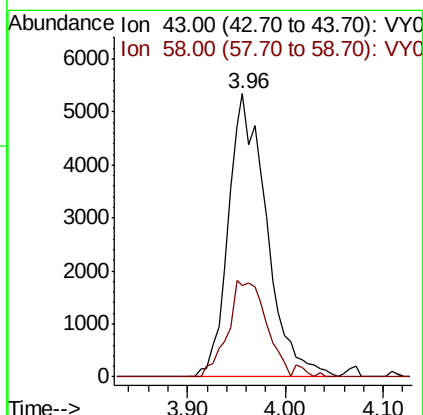
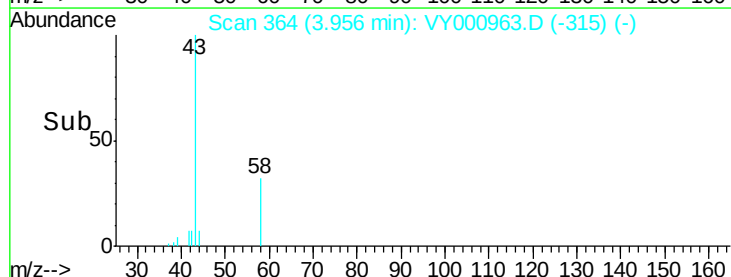
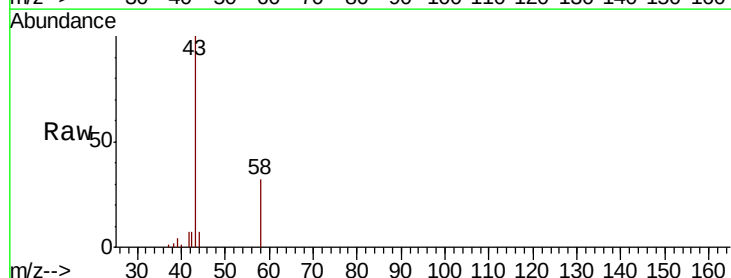
Acq: 16 Dec 2019 18:25

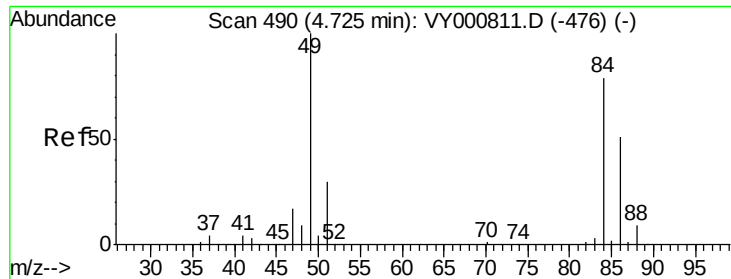
Tgt Ion: 43 Resp: 14457

Ion Ratio Lower Upper

43 100

58 32.1 28.0 42.0

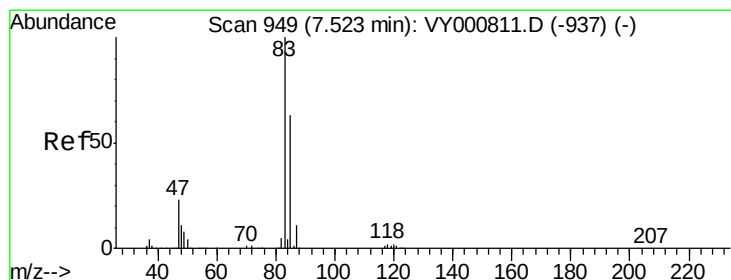
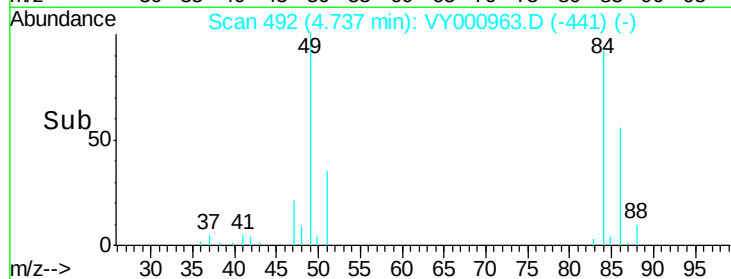
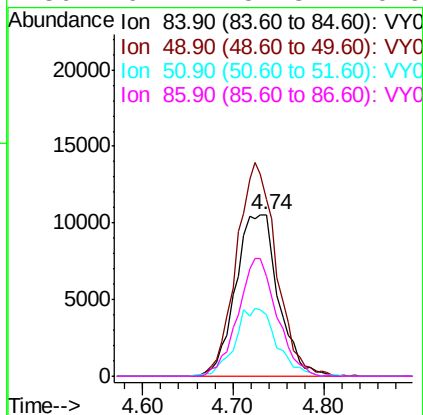
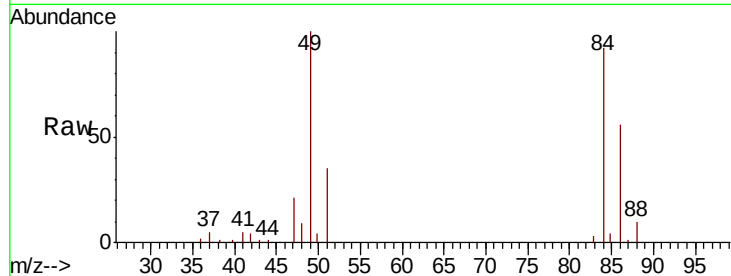




#20
Methylene Chloride
Concen: 11.180 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.01 min
Lab File: VY000963.D
Acq: 16 Dec 2019 18:25

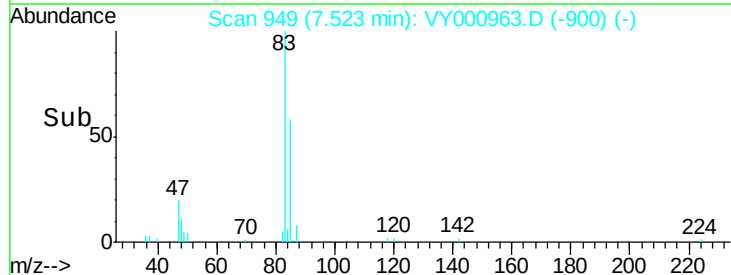
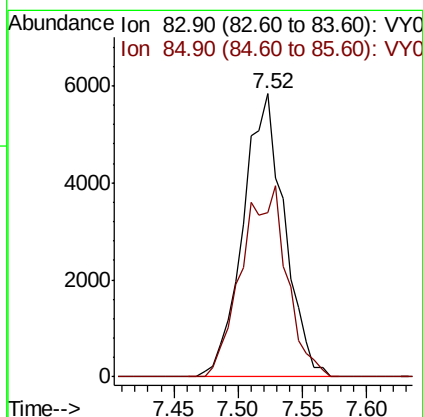
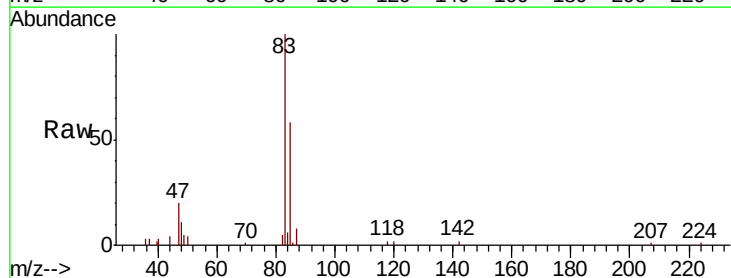
Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-4

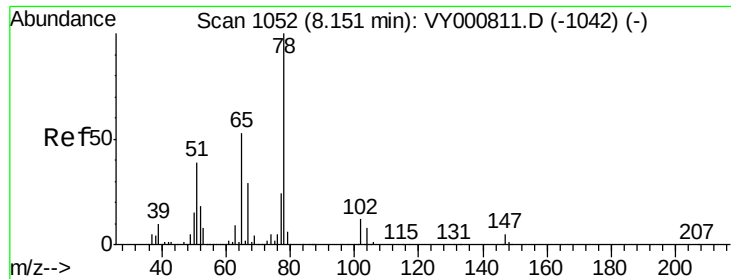
Tot Ion: 84 Resp: 34353
Ion Ratio Lower Upper
84 100
49 109.2 101.3 151.9
51 37.7 30.6 45.8
86 61.7 51.3 76.9



#30
Chloroform
Concen: 2.545 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000963.D
Acq: 16 Dec 2019 18:25

Tgt Ion: 83 Resp: 13002
Ion Ratio Lower Upper
83 100
85 58.1 50.4 75.6

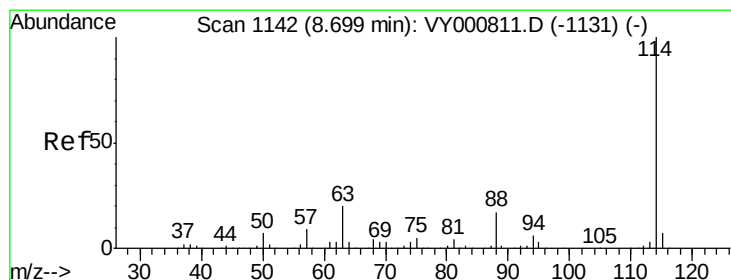
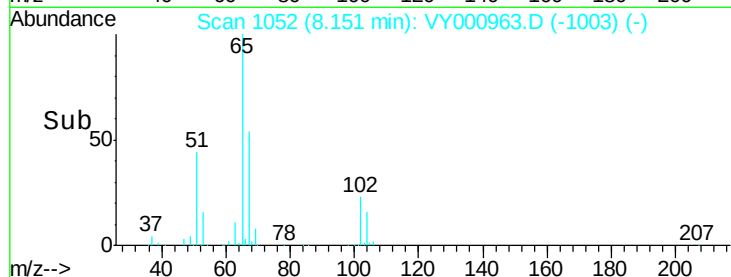
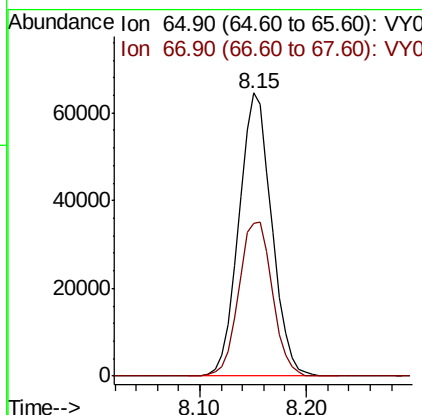
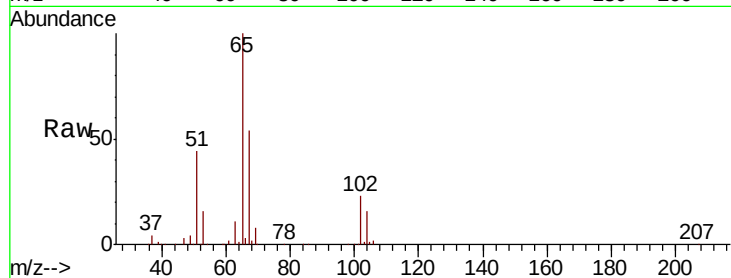




#33
 1,2-Dichloroethane-d4
 Concen: 55.015 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000963.D
 Acq: 16 Dec 2019 18:25

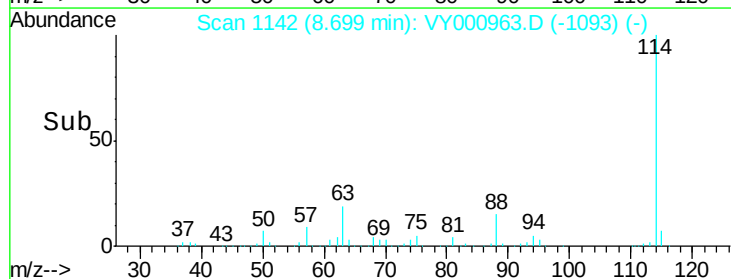
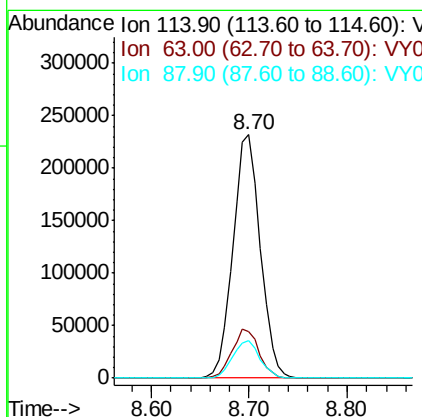
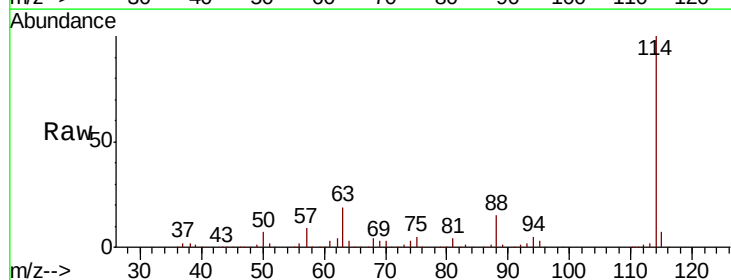
Instrument :
 MSVOA_Y
 ClientSampleId :
 X089-SB-4

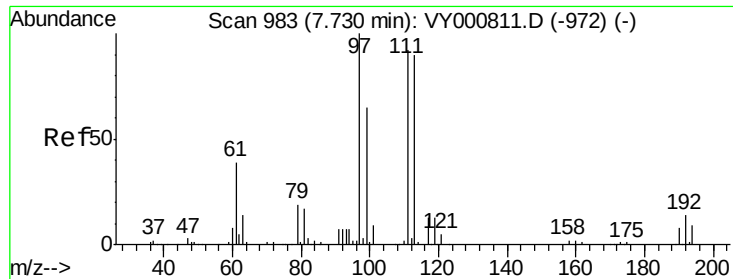
Tot Ion: 65 Resp: 139794
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000963.D
 Acq: 16 Dec 2019 18:25

Tgt Ion: 114 Resp: 448535
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.8
 88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.334 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000963.D

Acq: 16 Dec 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

X089-SB-4

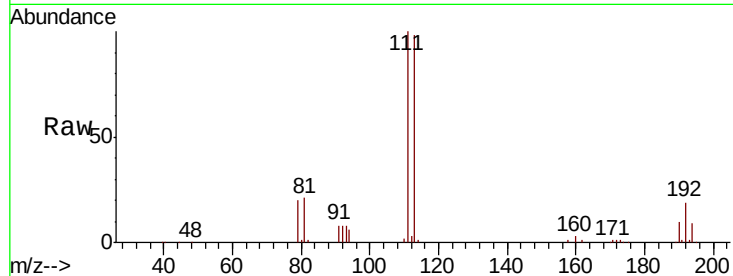
Tot Ion:113 Resp: 128961

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

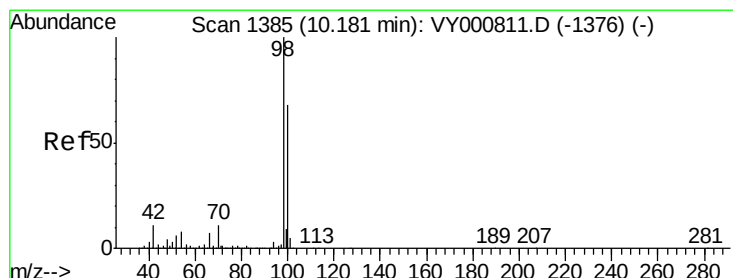
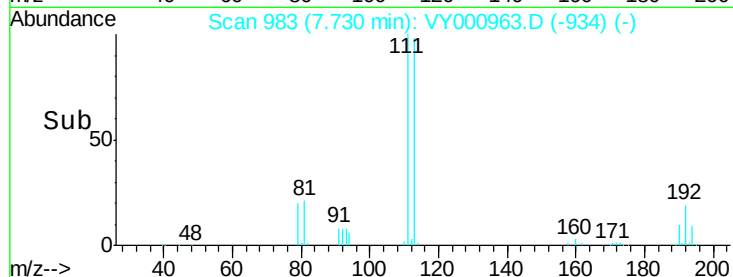
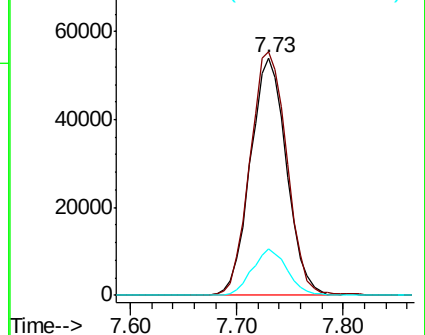
192 18.9 14.2 21.2



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



#50

Toluene-d8

Concen: 51.133 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000963.D

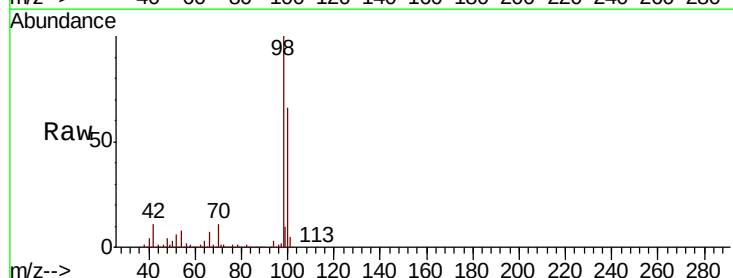
Acq: 16 Dec 2019 18:25

Tgt Ion: 98 Resp: 534386

Ion Ratio Lower Upper

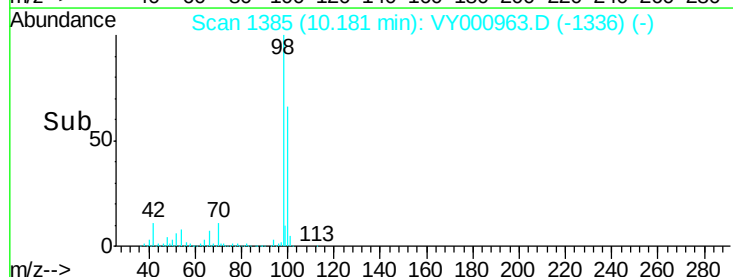
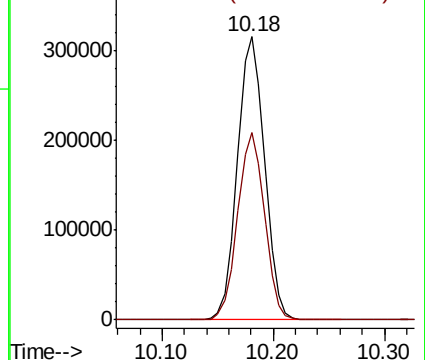
98 100

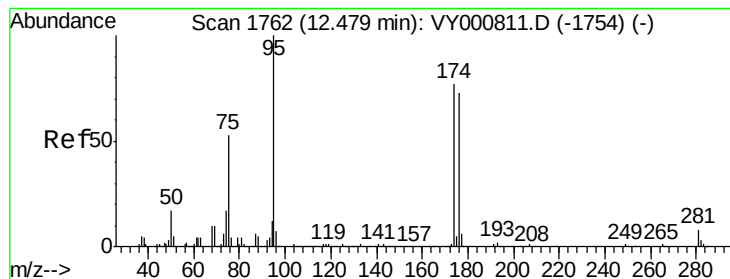
100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 44.297 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000963.D

Acq: 16 Dec 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

X089-SB-4

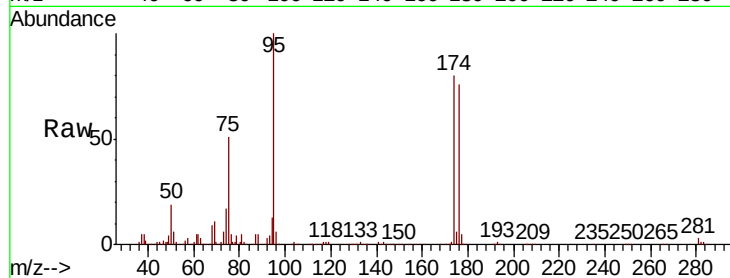
Tot Ion: 95 Resp: 173860

Ion Ratio Lower Upper

95 100

174 79.7 0.0 150.6

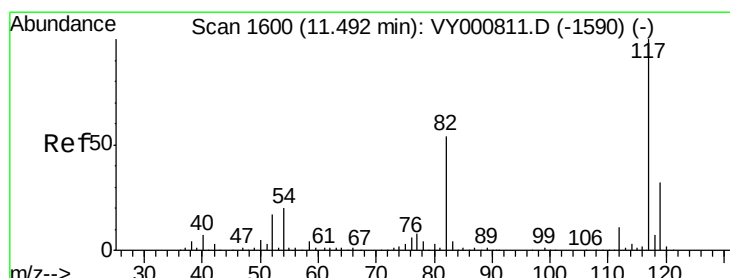
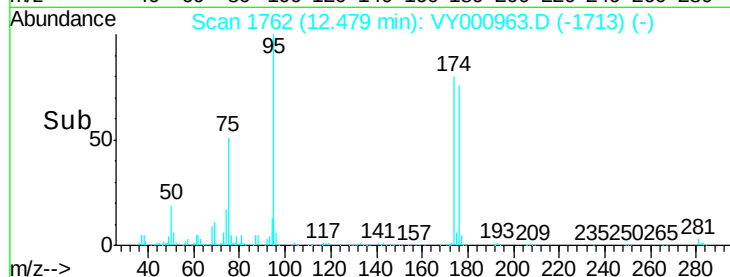
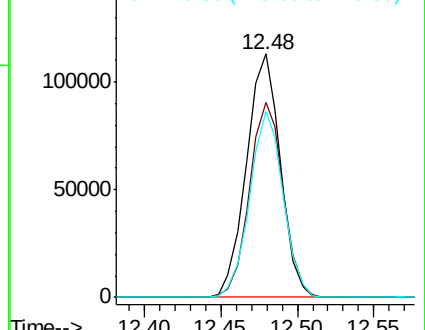
176 75.2 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VY000963.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000963.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000963.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000963.D

Acq: 16 Dec 2019 18:25

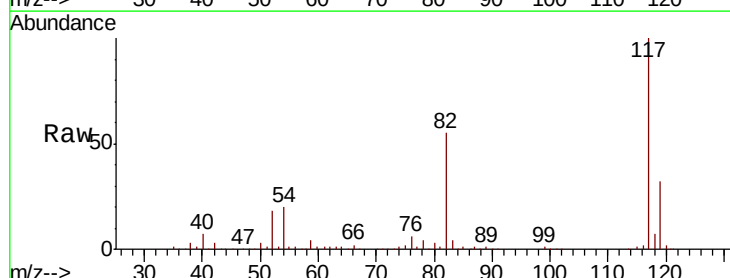
Tgt Ion: 117 Resp: 398394

Ion Ratio Lower Upper

117 100

82 54.6 43.1 64.7

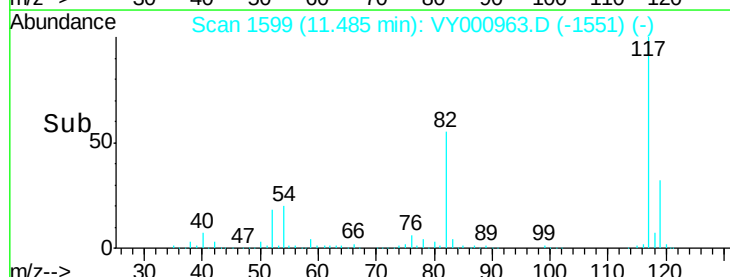
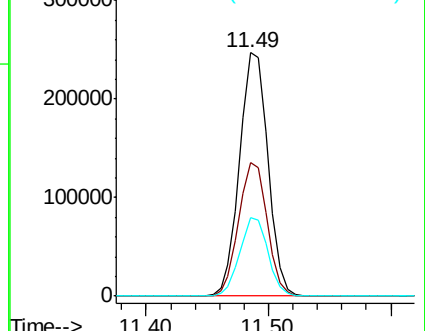
119 32.3 25.3 37.9

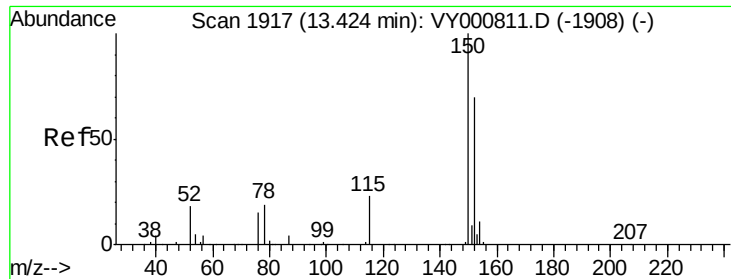


Abundance Ion 116.90 (116.60 to 117.60): VY000963.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000963.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000963.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000963.D

Acq: 16 Dec 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

X089-SB-4

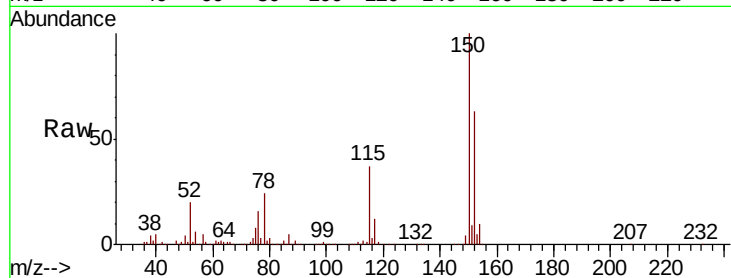
Tot Ion:152 Resp: 173879

Ion Ratio Lower Upper

152 100

115 59.7 29.3 87.8

150 158.6 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

