

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000949.D
 Acq On : 16 Dec 2019 12:36
 Operator : SY/MD
 Sample : K6112-05
 Misc : 8.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-121219

Quant Time: Dec 17 07:12:47 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

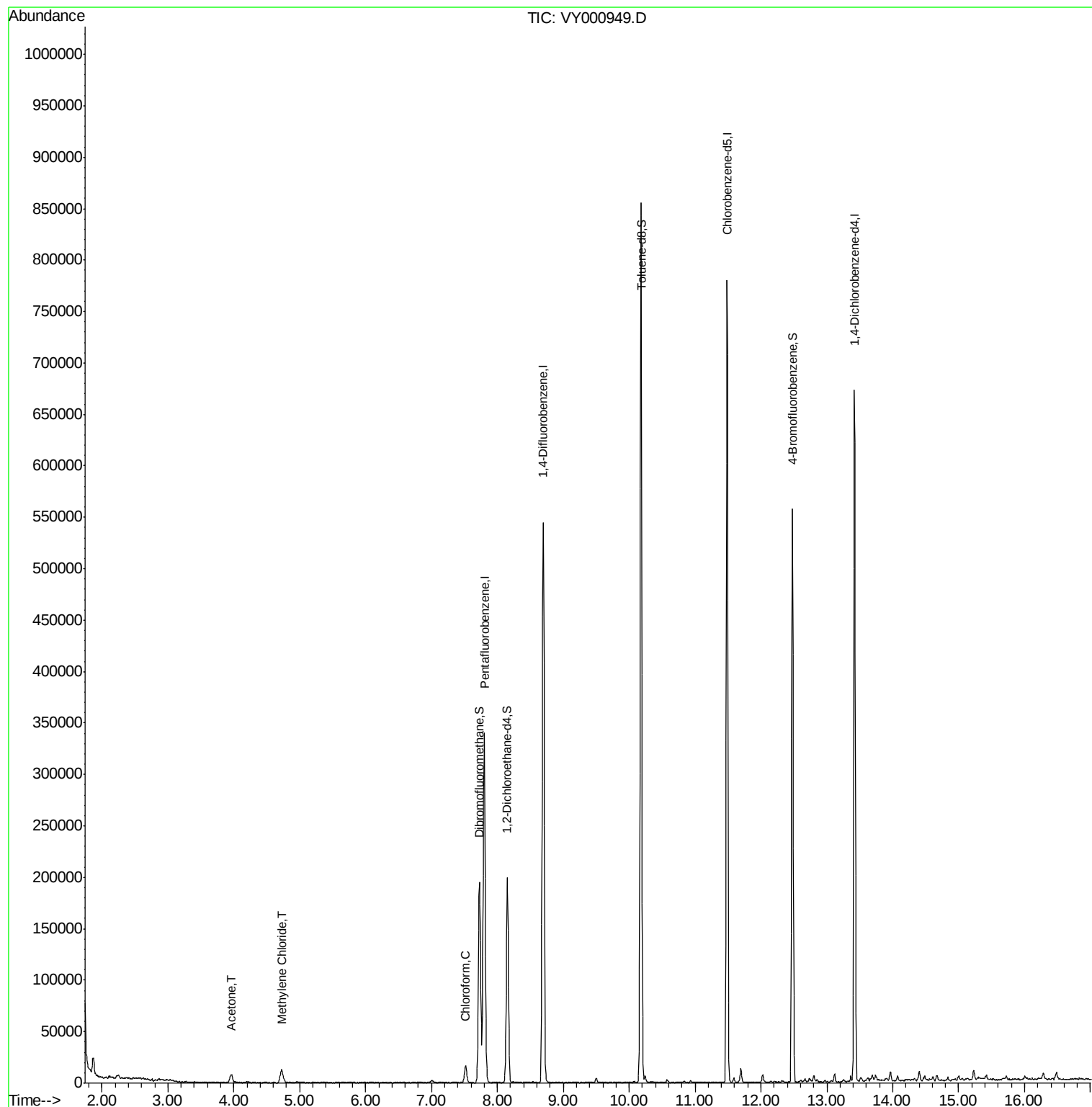
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	478935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	148007	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
35) Dibromofluoromethane	7.73	113	140802	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.18	98	564722	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.48	95	175874	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.94%	
Target Compounds						
16) Acetone	3.96	43	13488	21.762	ug/l #	88
20) Methylene Chloride	4.72	84	9175	2.808	ug/l	97
30) Chloroform	7.52	83	15657	2.882	ug/l	98

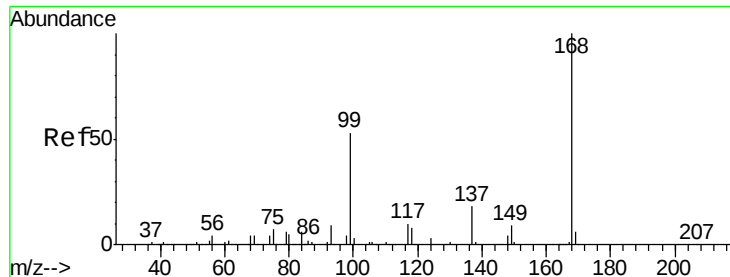
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000949.D

Acq: 16 Dec 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

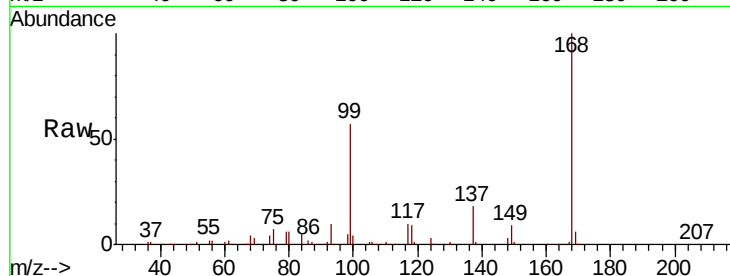
OK-03-121219

Tot Ion:168 Resp: 254264

Ion Ratio Lower Upper

168 100

99 57.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000949.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000949.D (-946) (-)

7.80

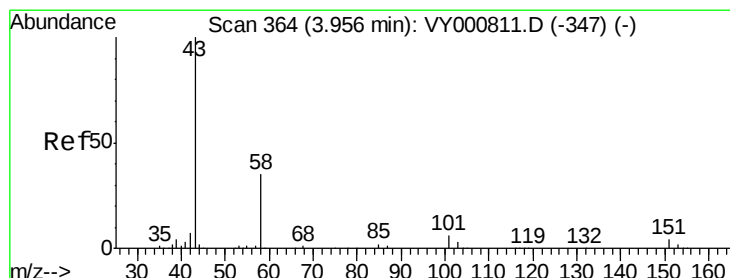
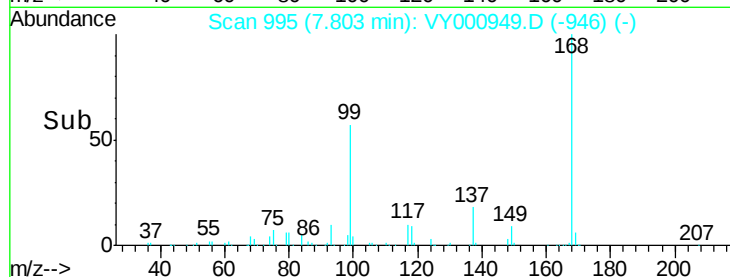
100000

50000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 21.762 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000949.D

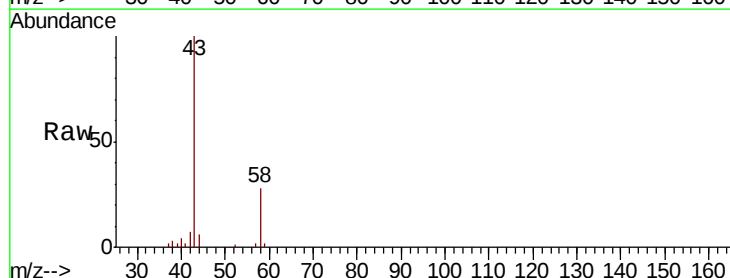
Acq: 16 Dec 2019 12:36

Tgt Ion: 43 Resp: 13488

Ion Ratio Lower Upper

43 100

58 27.8 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000949.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000949.D (-315) (-)

3.96

6000

5000

4000

3000

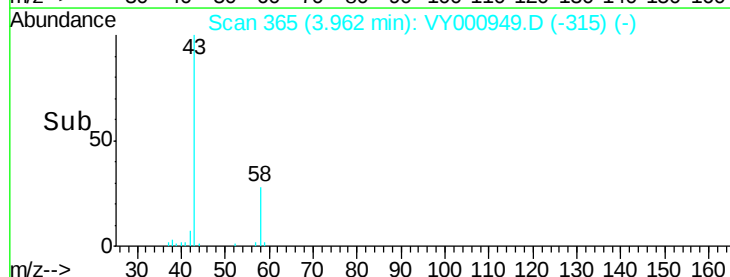
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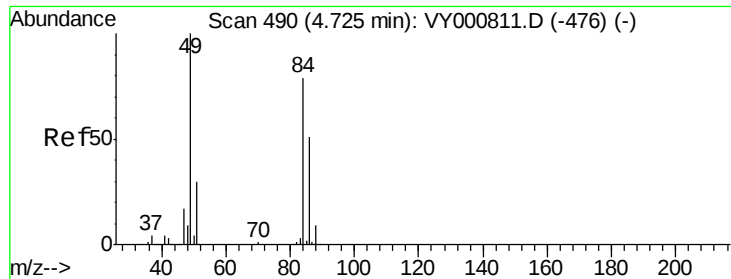
1000

0

Time-->

3.90 4.00 4.10

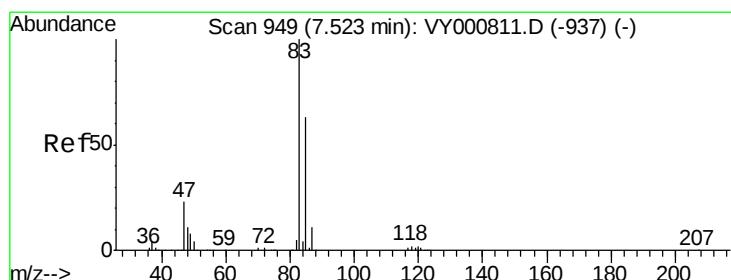
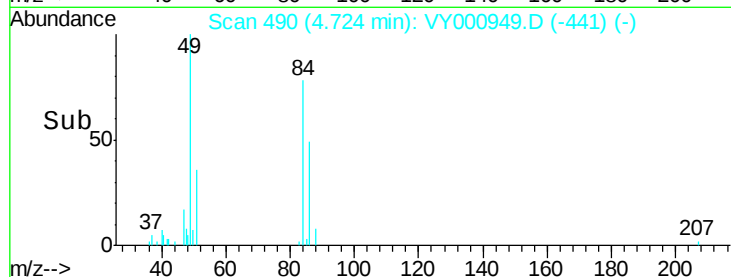
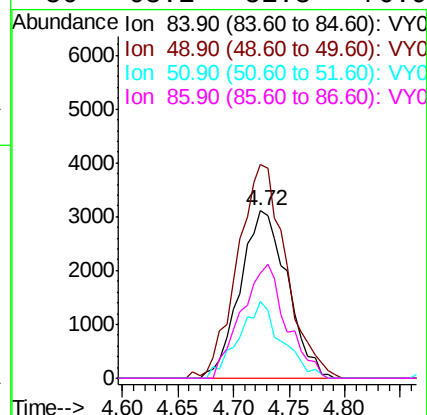
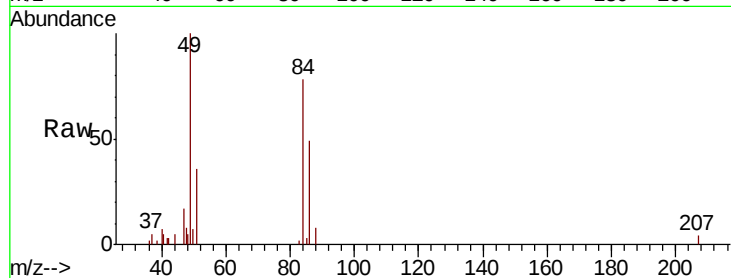




#20
Methvlene Chloride
Concen: 2.808 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000949.D
Acq: 16 Dec 2019 12:36

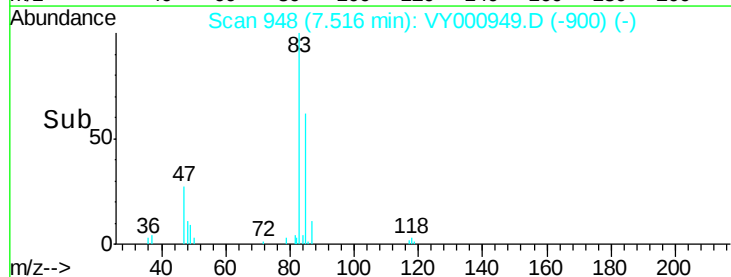
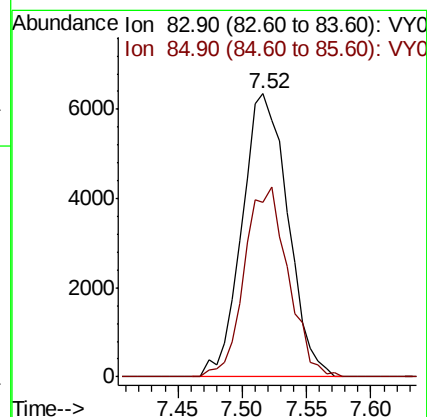
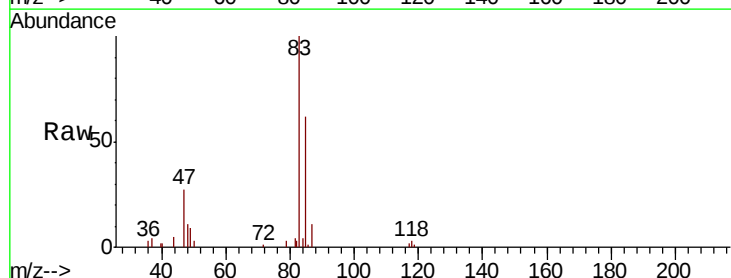
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-121219

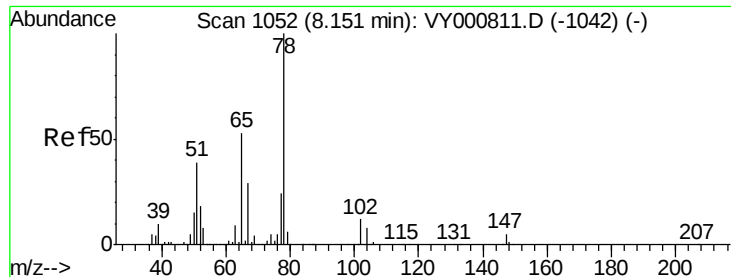
Tot Ion:	84	Resp:	9175
Ion	Ratio	Lower	Upper
84	100		
49	127.8	101.3	151.9
51	45.7	30.6	45.8
86	63.1	51.3	76.9



#30
Chloroform
Concen: 2.882 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000949.D
Acq: 16 Dec 2019 12:36

Tgt Ion:	83	Resp:	15657
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.4	75.6

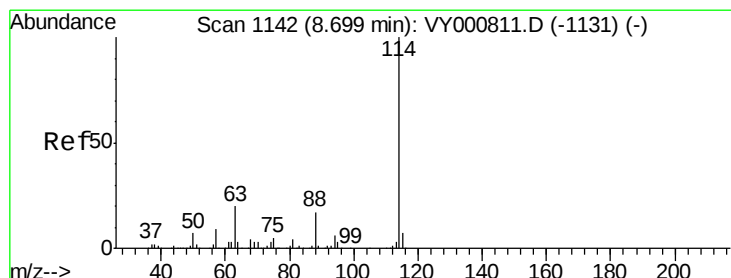
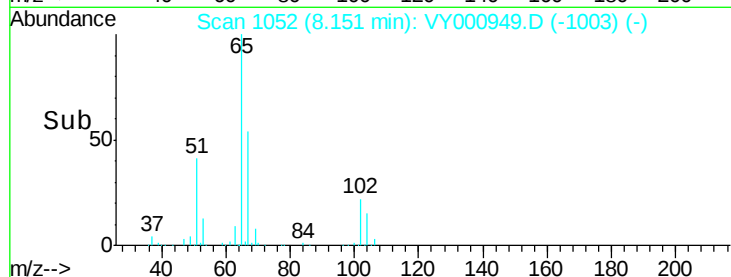
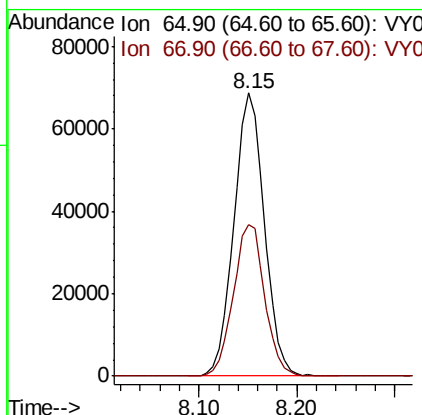
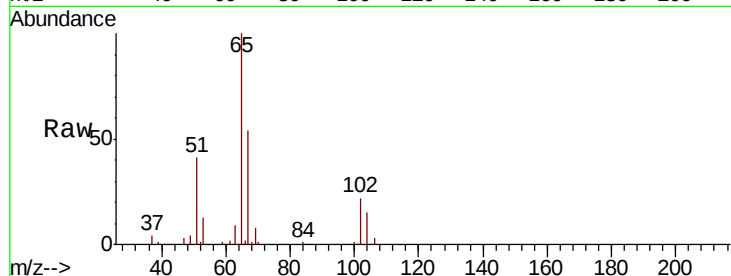




#33
 1,2-Dichloroethane-d4
 Concen: 54.781 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000949.D
 Acq: 16 Dec 2019 12:36

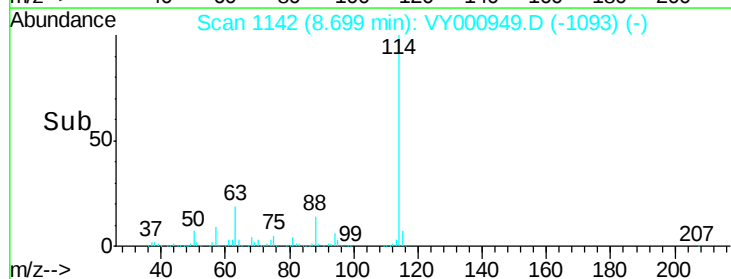
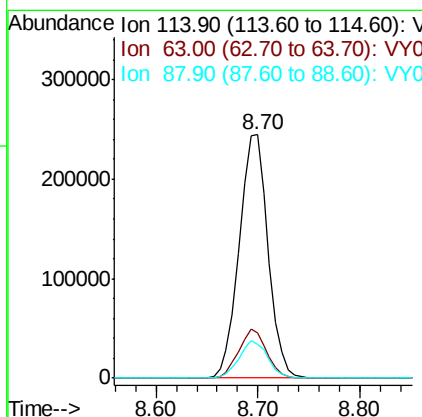
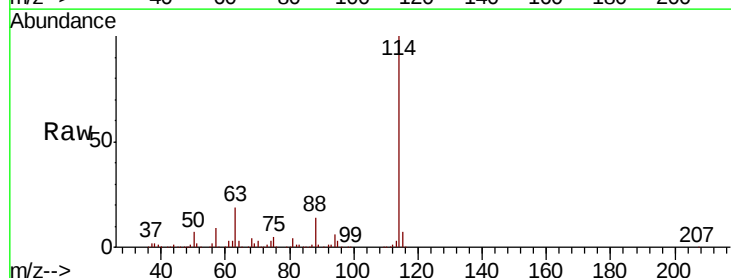
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-121219

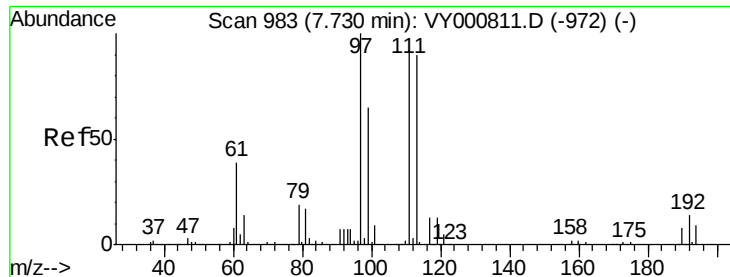
Tot Ion: 65 Resp: 148007
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000949.D
 Acq: 16 Dec 2019 12:36

Tgt Ion: 114 Resp: 478935
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 14.0 0.0 33.2

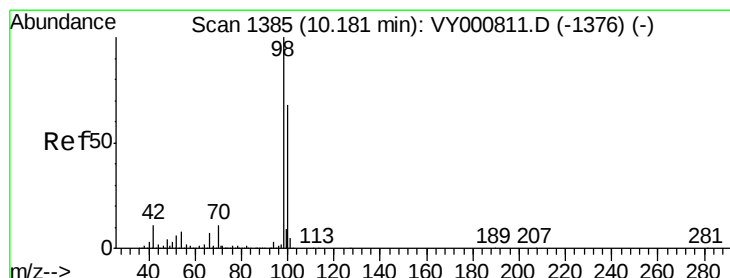
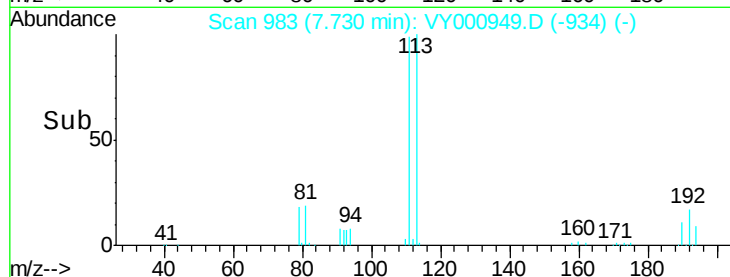
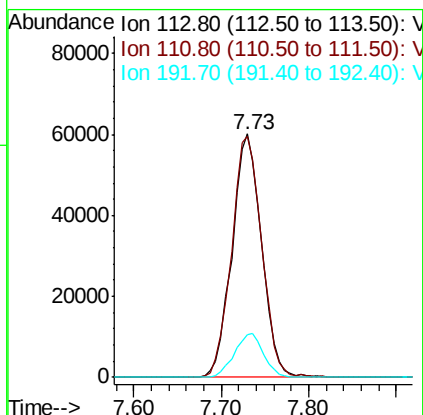
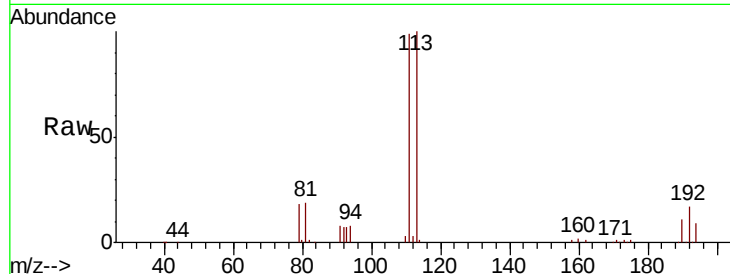




#35
 Dibromofluoromethane
 Concen: 50.444 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000949.D
 Acq: 16 Dec 2019 12:36

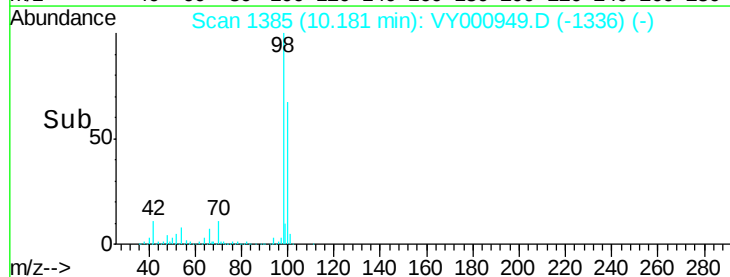
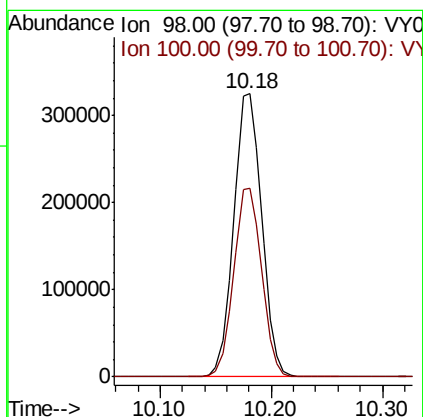
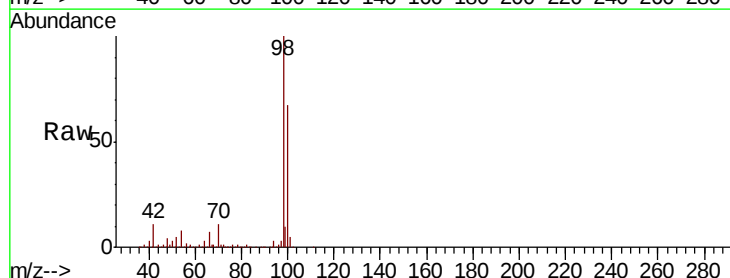
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-121219

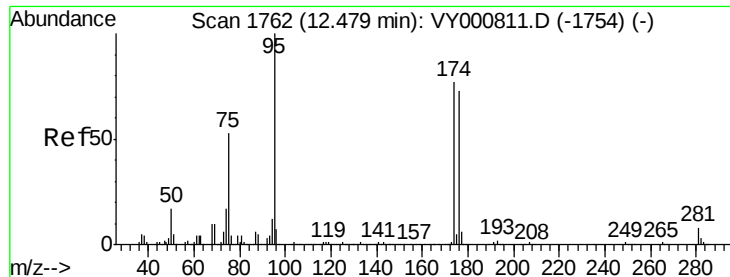
Tot Ion:113 Resp: 140802
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.4 123.6
 192 17.6 14.2 21.2



#50
 Toluene-d8
 Concen: 50.606 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000949.D
 Acq: 16 Dec 2019 12:36

Tgt Ion: 98 Resp: 564722
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.1 79.7

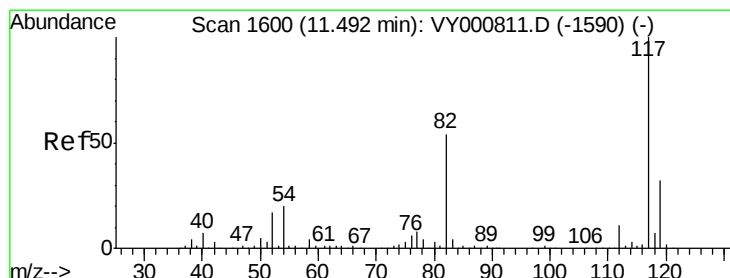
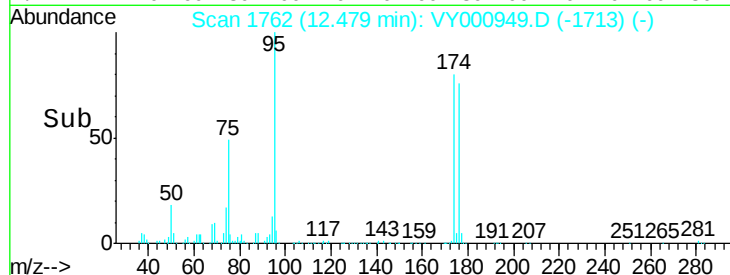
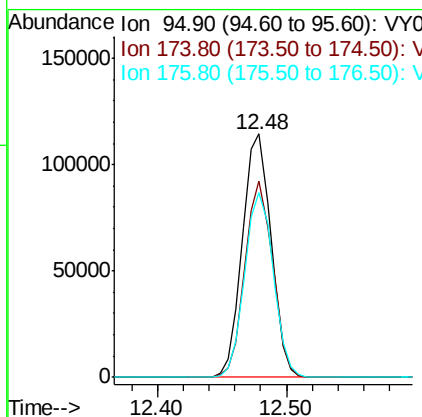
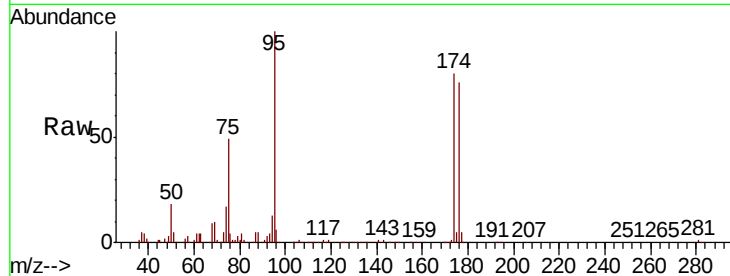




#62
4-Bromofluorobenzene
Concen: 41.966 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000949.D
Acq: 16 Dec 2019 12:36

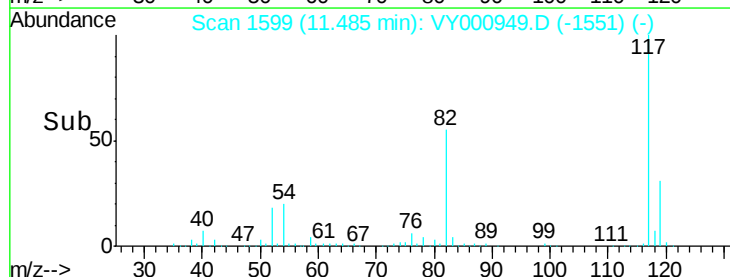
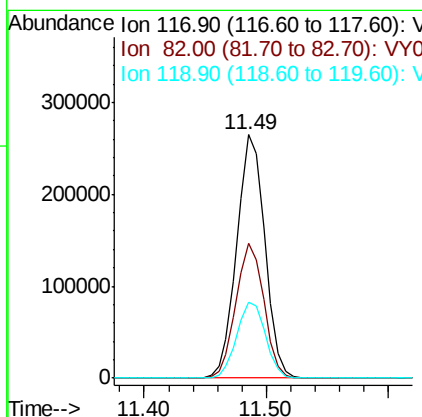
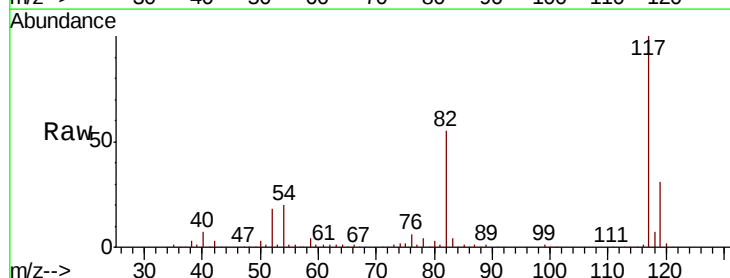
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ClientSampleId :
OK-03-121219

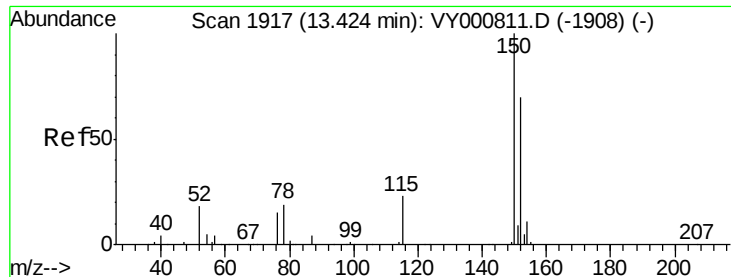
Tot Ion: 95 Resp: 175874
Ion Ratio Lower Upper
95 100
174 78.2 0.0 150.6
176 75.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000949.D
Acq: 16 Dec 2019 12:36

Tgt Ion: 117 Resp: 420178
Ion Ratio Lower Upper
117 100
82 55.2 43.1 64.7
119 31.2 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: VY000949.D

Acq: 16 Dec 2019 12:36

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-121219

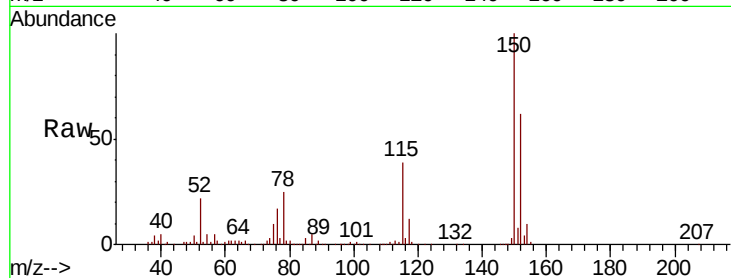
Tot Ion:152 Resp: 165756

Ion Ratio Lower Upper

152 100

115 60.0 29.3 87.8

150 157.4 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

