

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000960.D
 Acq On : 16 Dec 2019 17:18
 Operator : SY/MD
 Sample : K6317-06
 Misc : 7.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB6

Quant Time: Dec 17 07:44:47 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

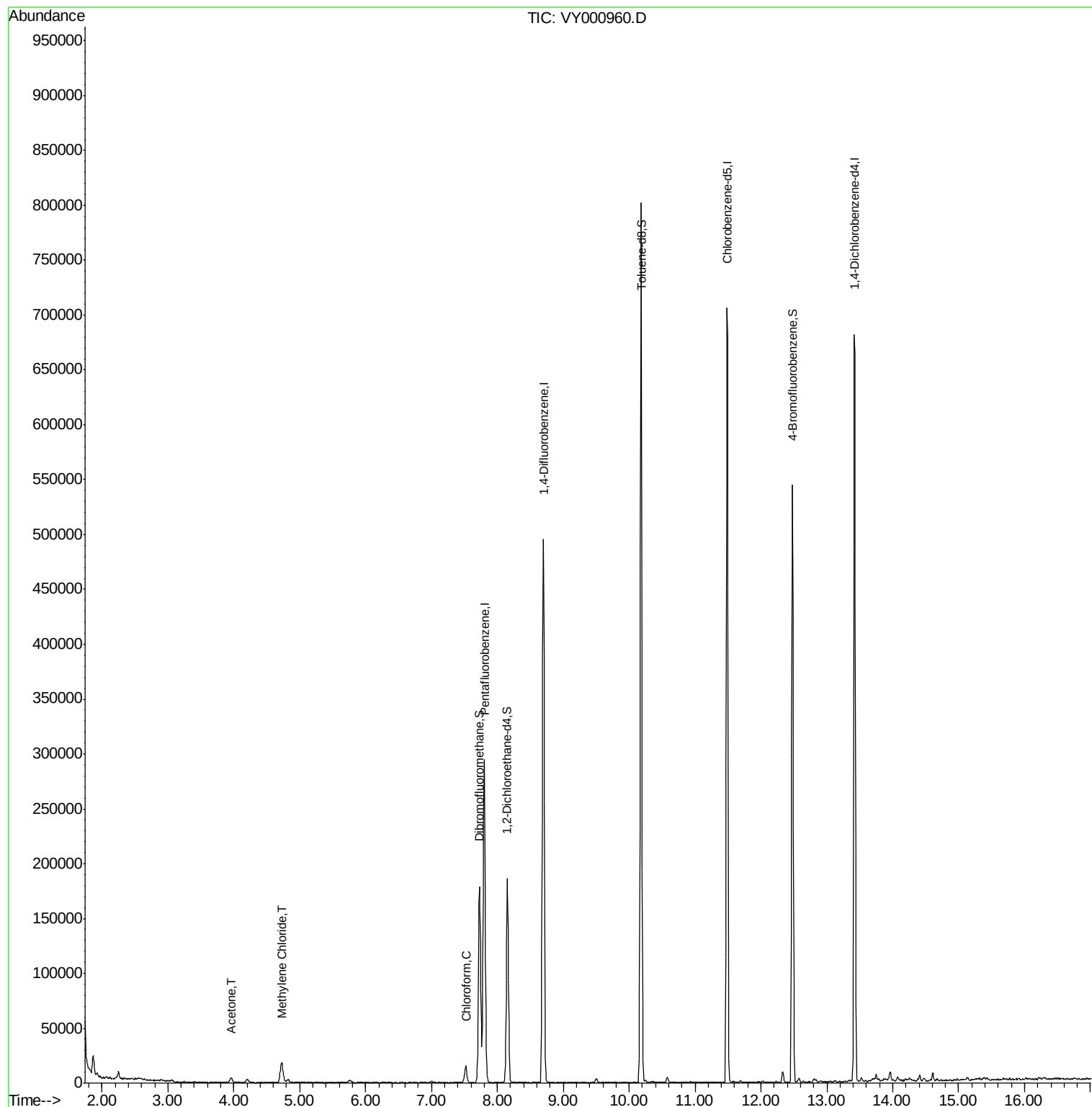
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	428810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	384618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	168628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137267	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.88%	
35) Dibromofluoromethane	7.73	113	124483	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	10.18	98	506947	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.48	95	168384	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	3.96	43	7186	12.993	ug/l	100
20) Methylene Chloride	4.73	84	13449	4.613	ug/l	97
30) Chloroform	7.52	83	15034	3.101	ug/l	86

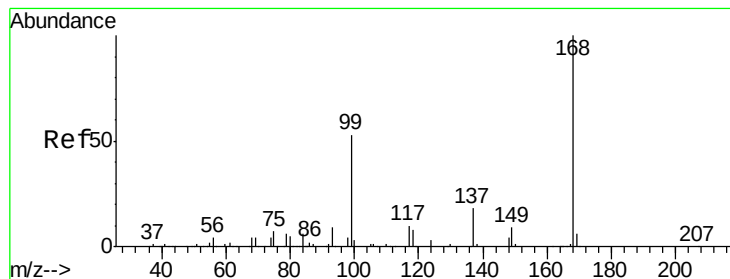
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
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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: VY000960.D

Acq: 16 Dec 2019 17:18

Instrument :

MSVOA_Y

ClientSampleId :

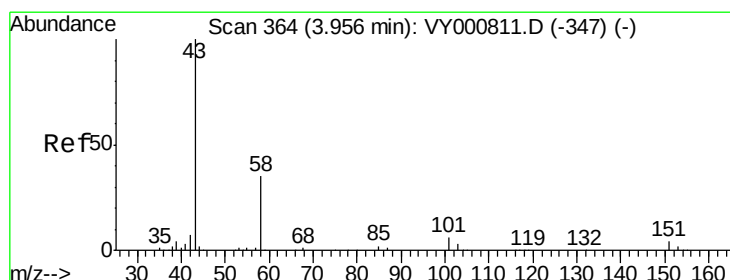
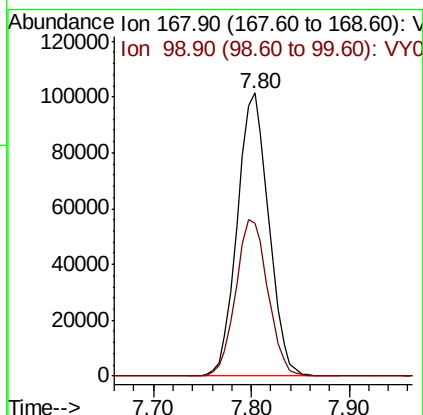
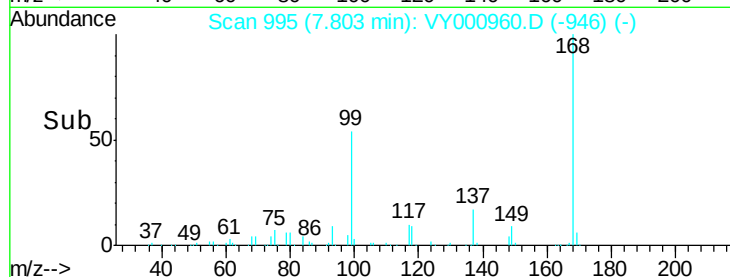
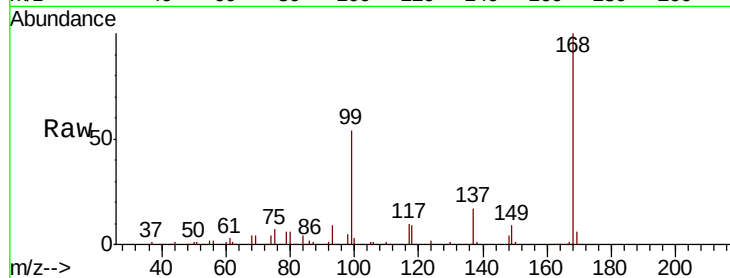
178K-SB6

Tot Ion:168 Resp: 226893

Ion Ratio Lower Upper

168 100

99 53.9 45.0 67.6



#16

Acetone

Concen: 12.993 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000960.D

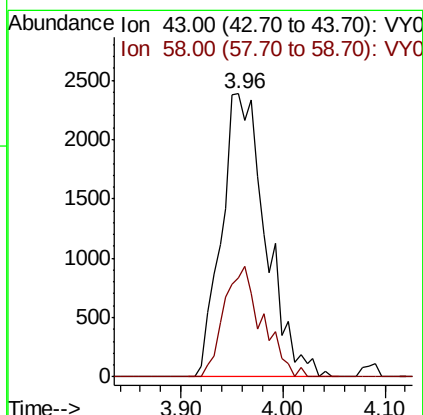
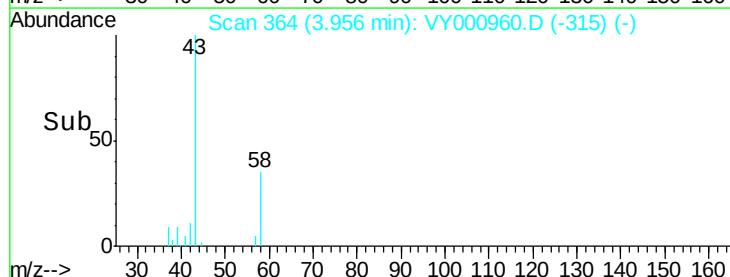
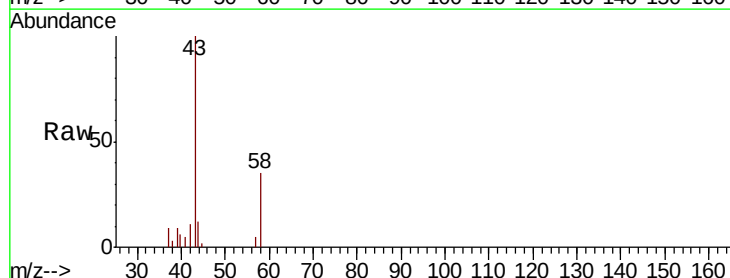
Acq: 16 Dec 2019 17:18

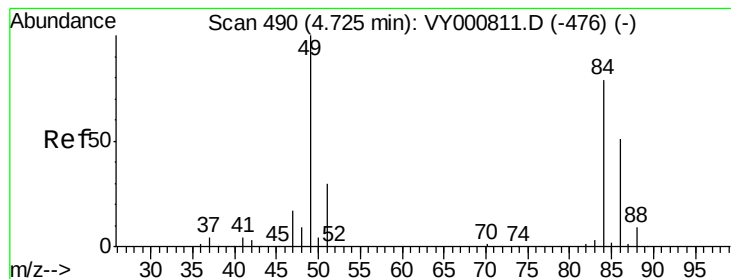
Tgt Ion: 43 Resp: 7186

Ion Ratio Lower Upper

43 100

58 34.9 28.0 42.0





#20

Methylene Chloride

Concen: 4.613 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY000960.D

Acq: 16 Dec 2019 17:18

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB6

Tot Ion: 84 Resp: 13449

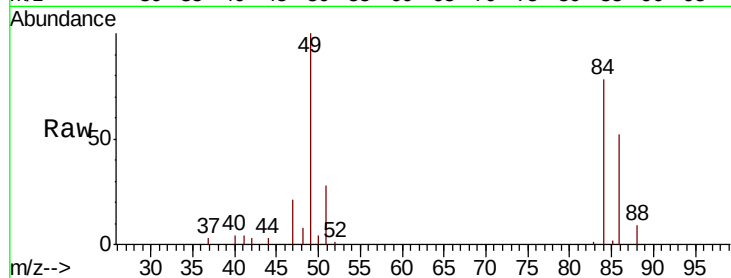
Ion Ratio Lower Upper

84 100

49 128.9 101.3 151.9

51 35.5 30.6 45.8

86 66.9 51.3 76.9



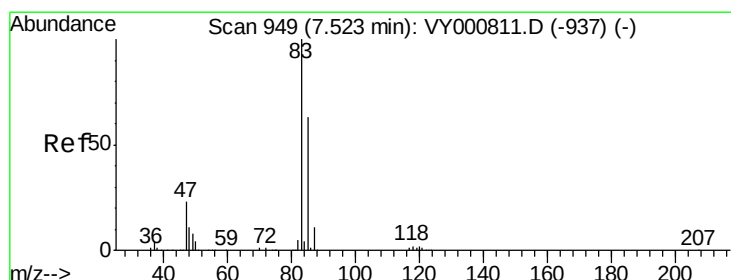
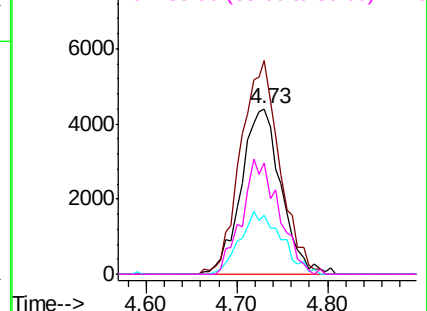
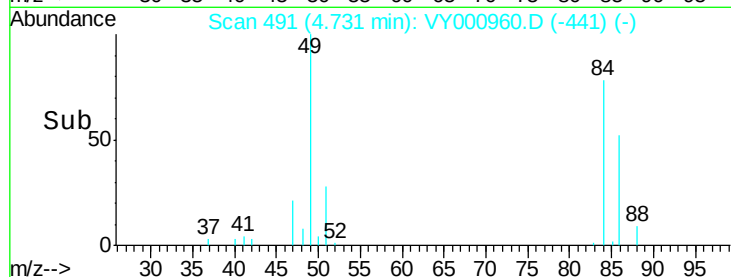
Abundance

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



#30

Chloroform

Concen: 3.101 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.00 min

Lab File: VY000960.D

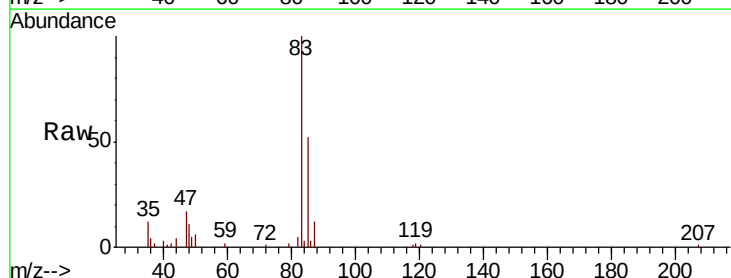
Acq: 16 Dec 2019 17:18

Tgt Ion: 83 Resp: 15034

Ion Ratio Lower Upper

83 100

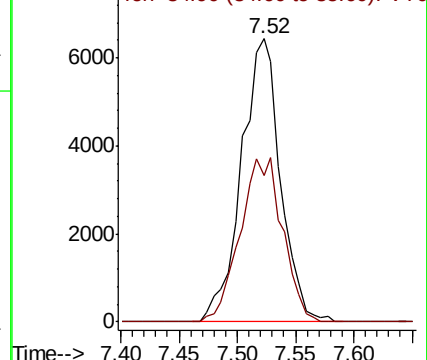
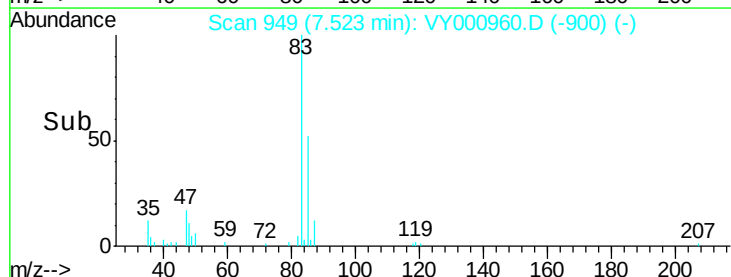
85 51.9 50.4 75.6

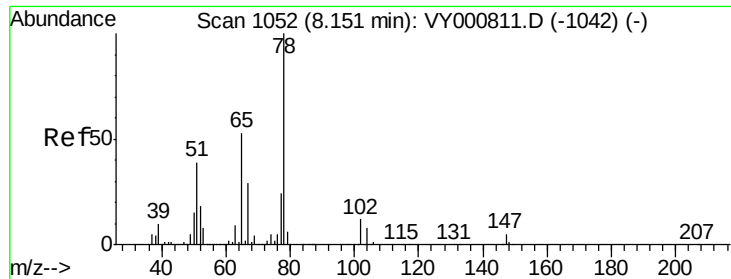


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

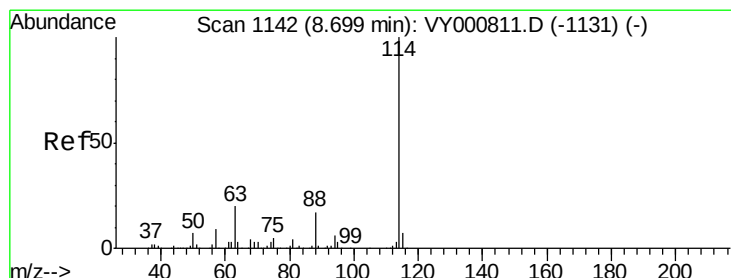
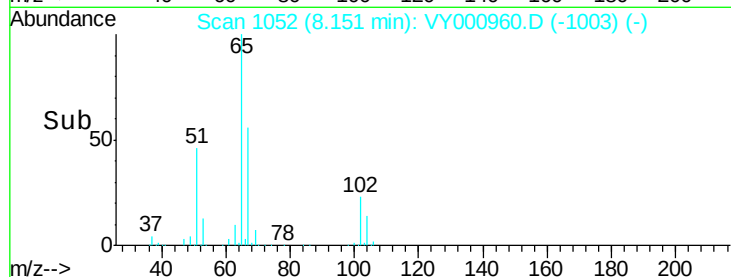
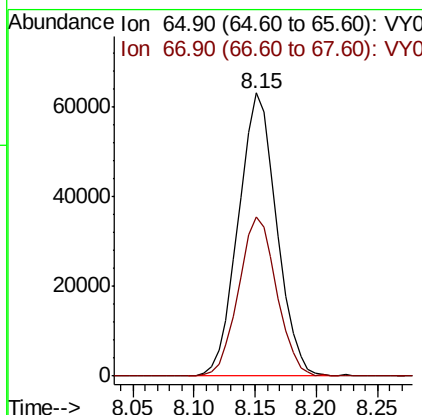
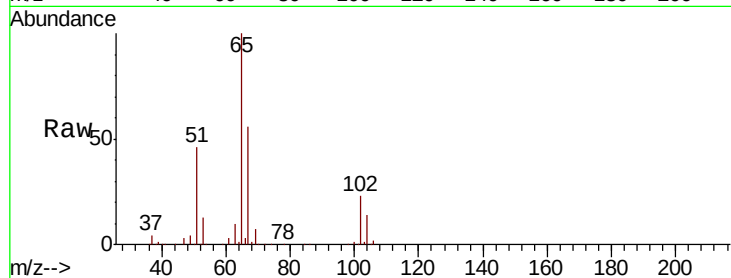




#33
 1,2-Dichloroethane-d4
 Concen: 56.935 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000960.D
 Acq: 16 Dec 2019 17:18

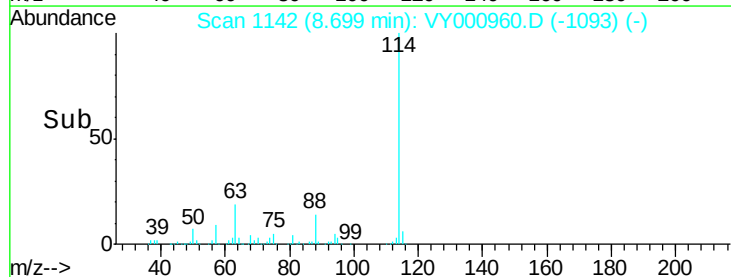
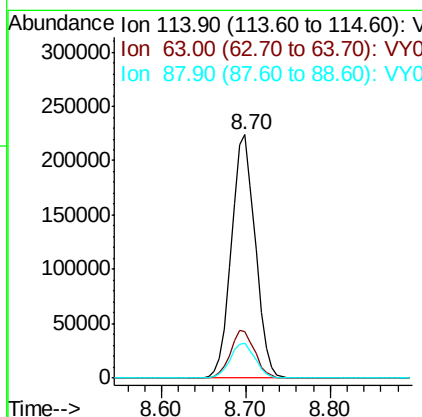
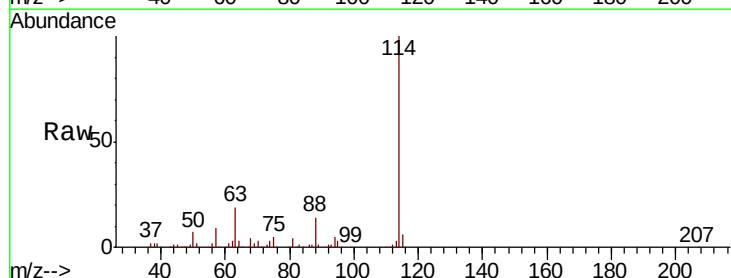
Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB6

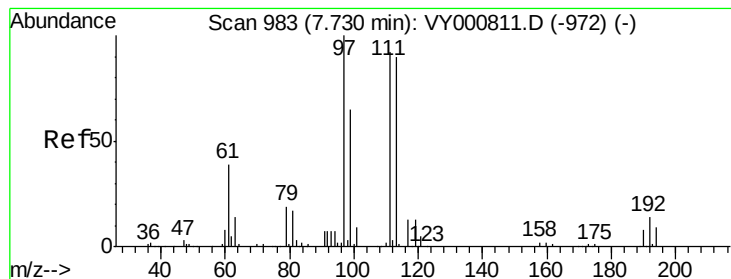
Tot Ion: 65 Resp: 137267
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000960.D
 Acq: 16 Dec 2019 17:18

Tgt Ion: 114 Resp: 428810
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 14.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.811 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000960.D

Acq: 16 Dec 2019 17:18

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB6

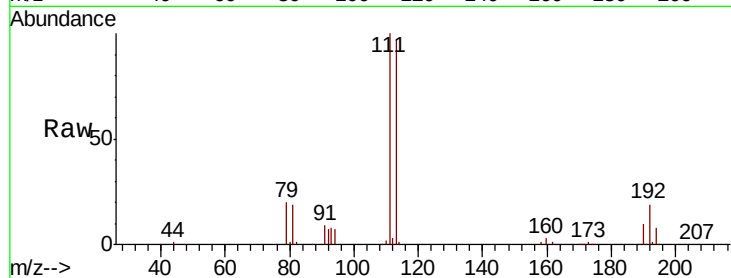
Tot Ion:113 Resp: 124483

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

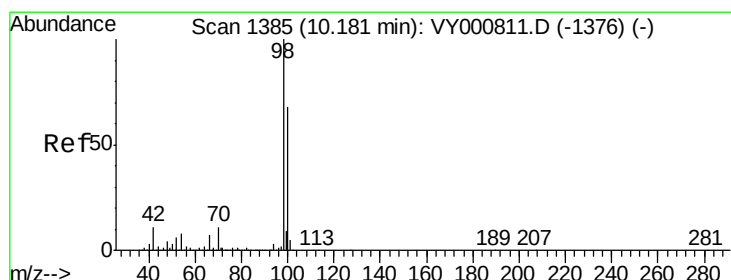
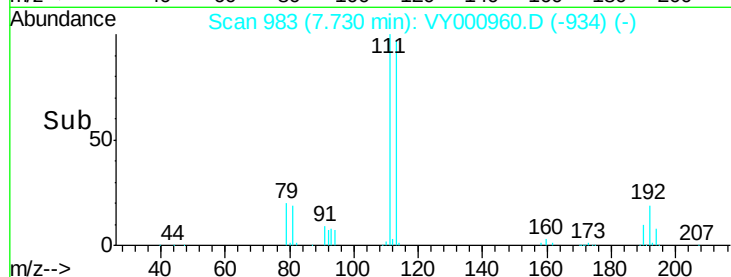
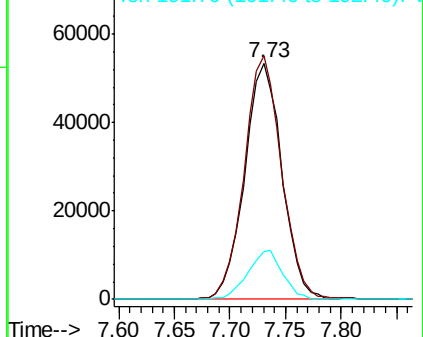
192 19.5 14.2 21.2



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: 50.739 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000960.D

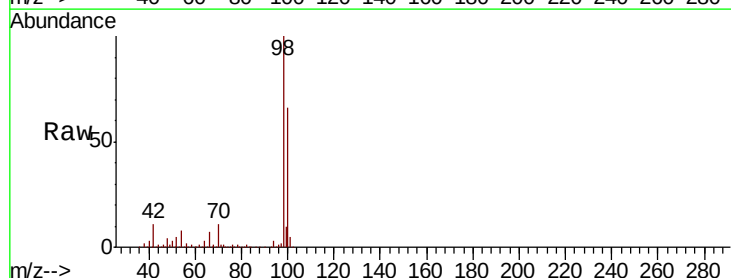
Acq: 16 Dec 2019 17:18

Tgt Ion: 98 Resp: 506947

Ion Ratio Lower Upper

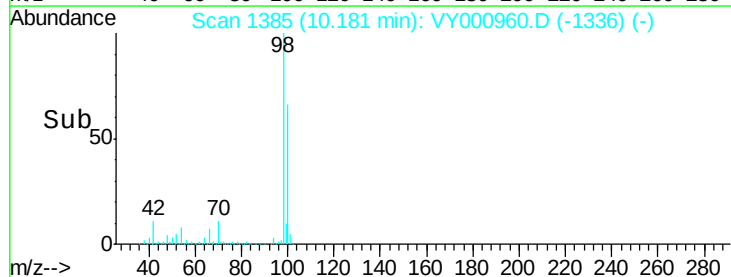
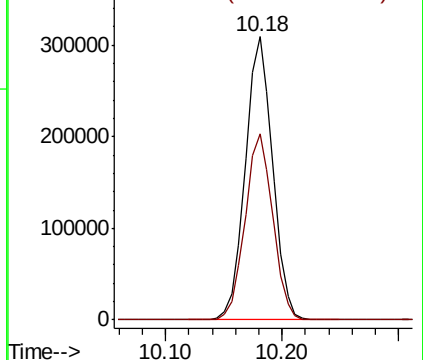
98 100

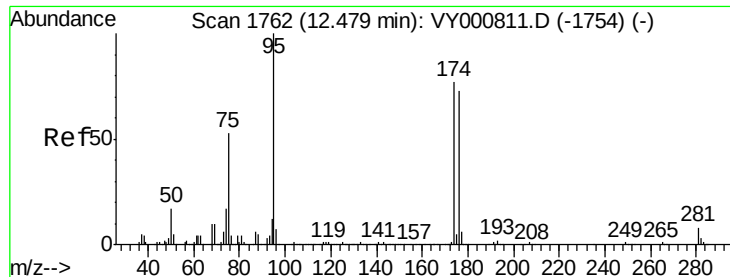
100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

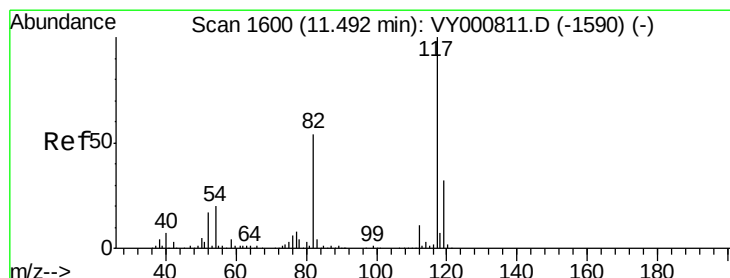
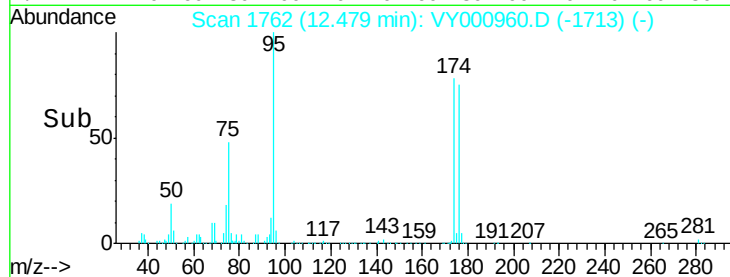
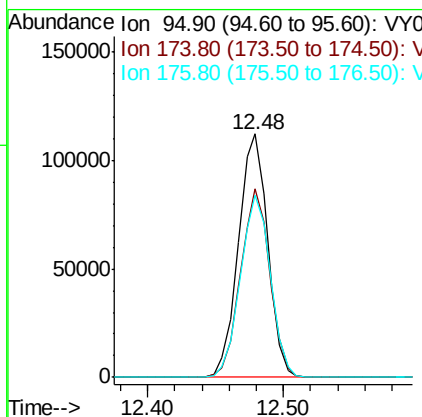
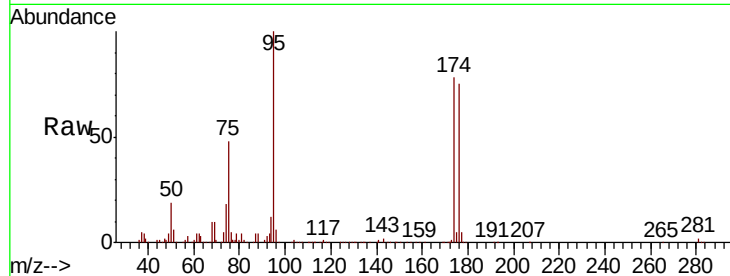




#62
4-Bromofluorobenzene
Concen: 44.876 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000960.D
Acq: 16 Dec 2019 17:18

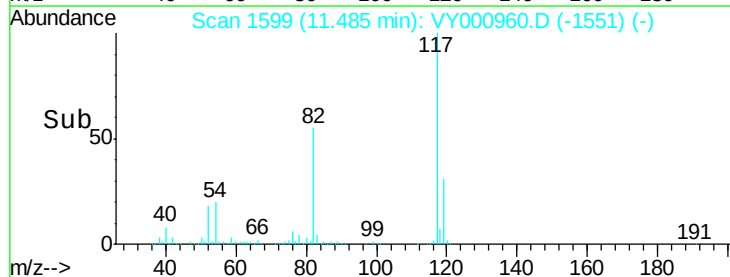
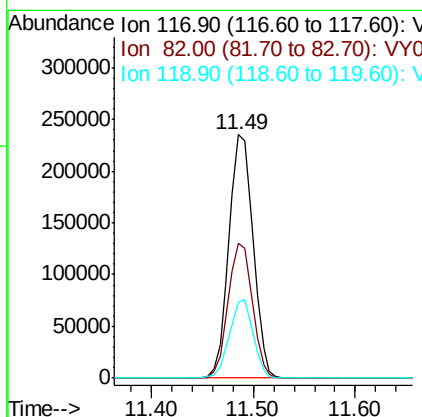
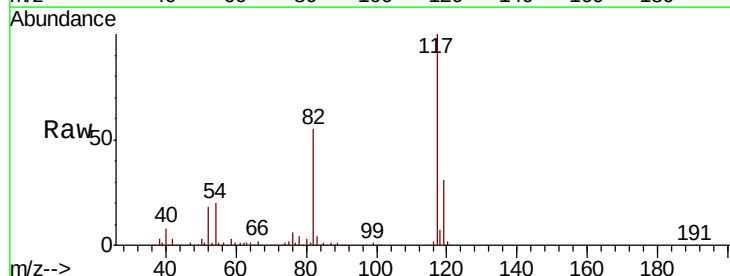
Instrument :
MSVOA_Y
ClientSampleId :
178K-SB6

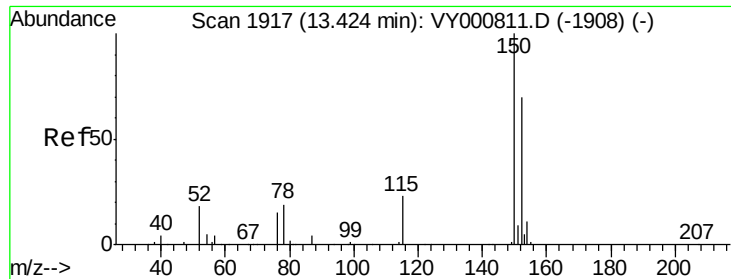
Tot Ion	95	Resp	168384
Ion Ratio	100	Lower	Upper
174	77.6	0.0	150.6
176	76.7	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000960.D
Acq: 16 Dec 2019 17:18

Tgt Ion	117	Resp	384618
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
82	55.4	43.1	64.7
119	31.2	25.3	37.9



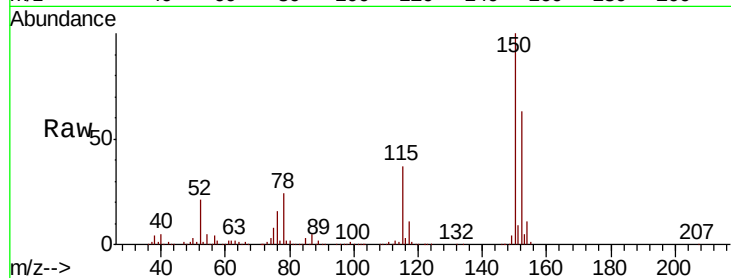


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY000960.D
 Acq: 16 Dec 2019 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB6

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.3	87.8
150	159.3	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

