

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001057.D
 Acq On : 24 Dec 2019 18:36
 Operator : SY/MD
 Sample : K6414-04
 Misc : 9.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-04

Quant Time: Dec 26 08:47:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

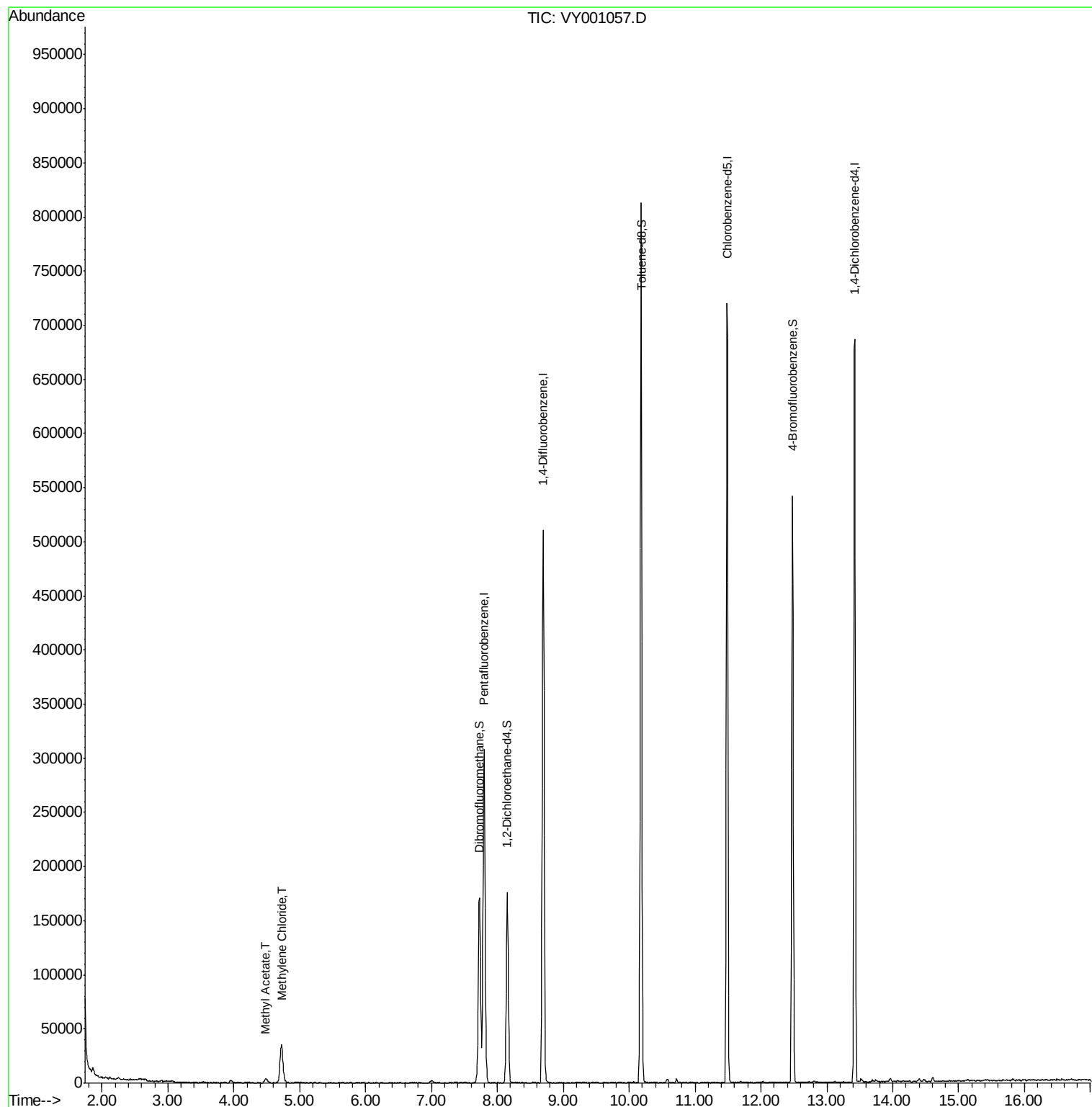
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	234871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	443581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	174438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	129833	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
35) Dibromofluoromethane	7.73	113	130536	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.18	98	525776	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.48	95	170739	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
Target Compounds						
18) Methyl Acetate	4.48	43	6987	3.413	ug/l	99
20) Methylene Chloride	4.72	84	27742	8.832	ug/l	95

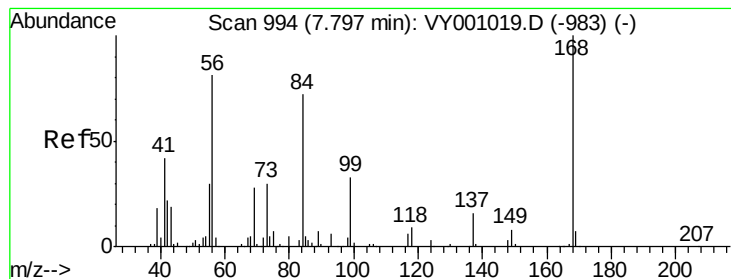
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001057.D

Acq: 24 Dec 2019 18:36

Instrument :

MSVOA_Y

ClientSampleId :

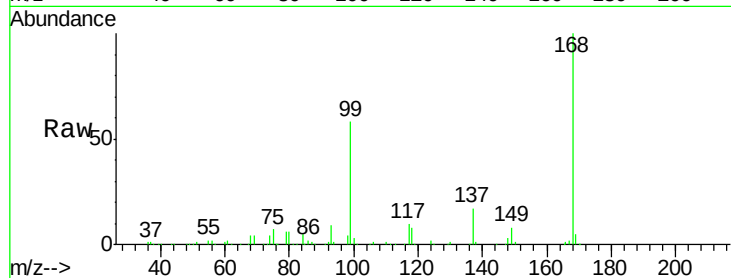
K183-SB-04

Tot Ion:168 Resp: 234871

Ion Ratio Lower Upper

168 100

99 57.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

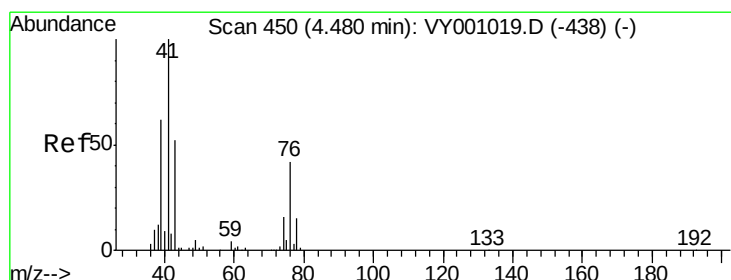
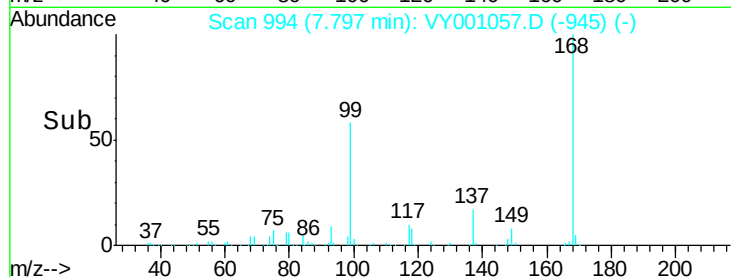
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 3.413 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY001057.D

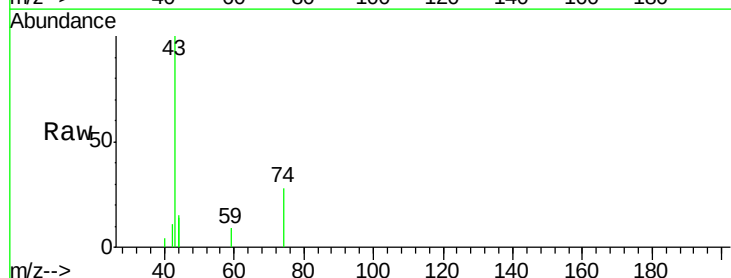
Acq: 24 Dec 2019 18:36

Tgt Ion: 43 Resp: 6987

Ion Ratio Lower Upper

43 100

74 26.3 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-438) (-)

Ion 74.00 (73.70 to 74.70): VY001019.D (-438) (-)

4.48

2500

2000

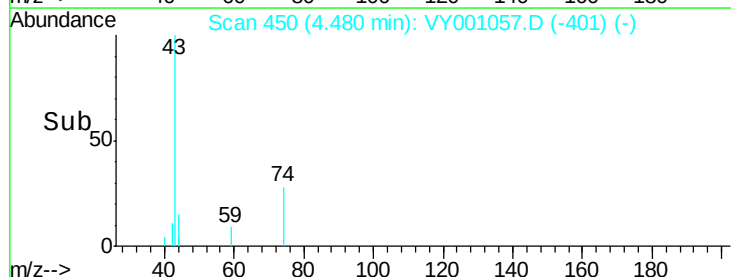
1500

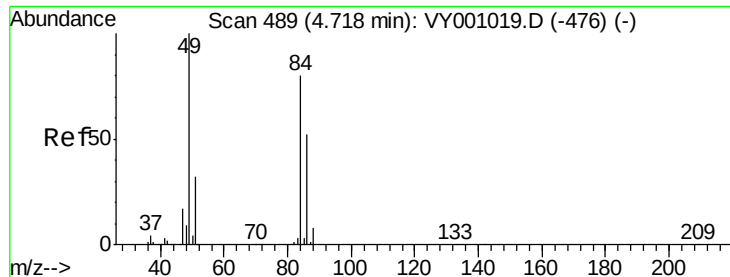
1000

500

0

Time-->

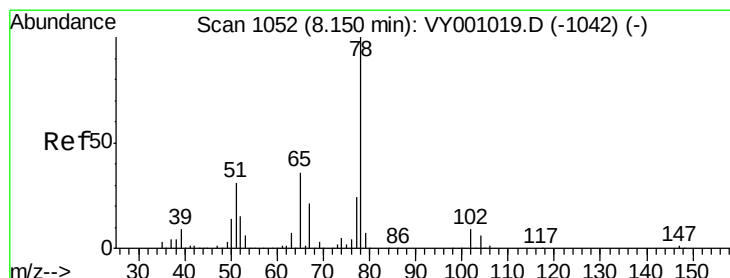
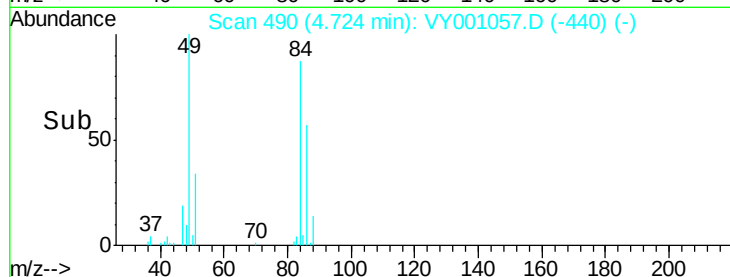
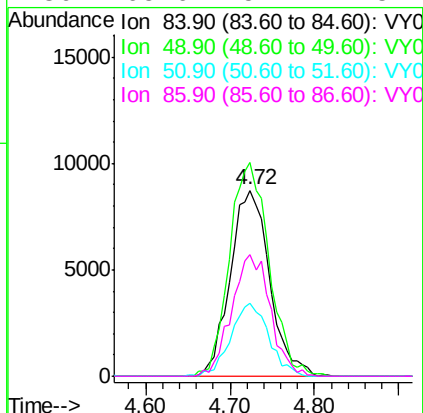
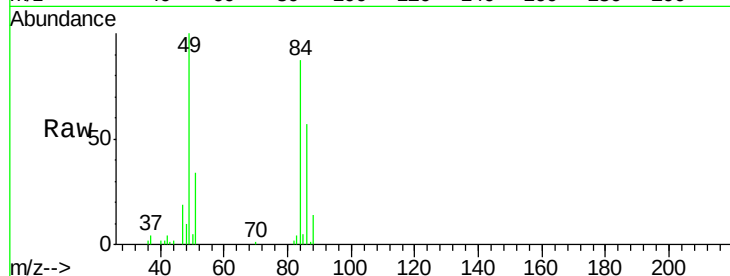




#20
Methylene Chloride
Concen: 8.832 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001057.D
Acq: 24 Dec 2019 18:36

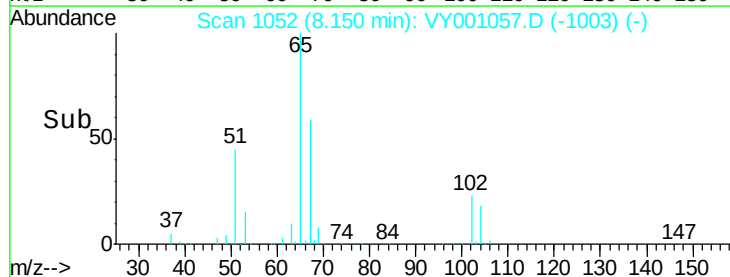
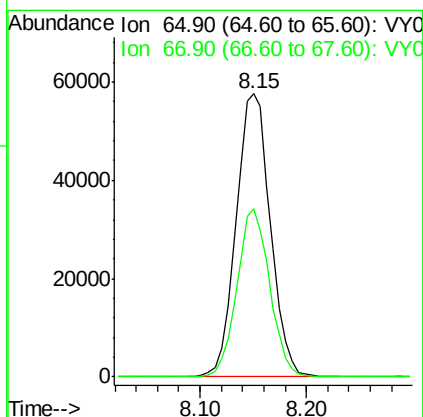
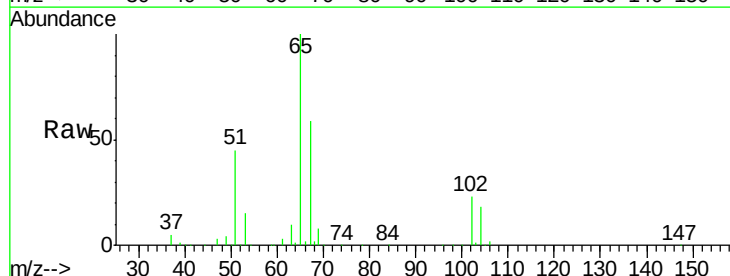
Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-04

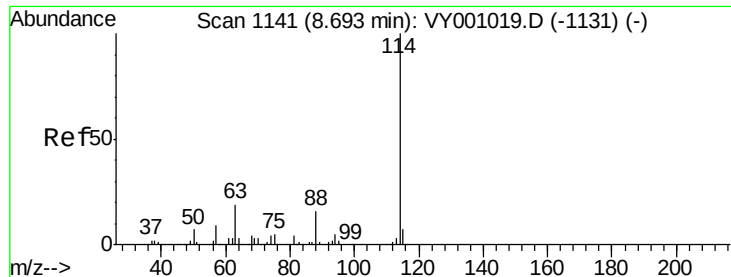
Tot Ion: 84 Resp: 27742
Ion Ratio Lower Upper
84 100
49 114.7 99.8 149.6
51 39.0 31.4 47.2
86 65.6 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 56.048 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001057.D
Acq: 24 Dec 2019 18:36

Tgt Ion: 65 Resp: 129833
Ion Ratio Lower Upper
65 100
67 56.9 0.0 112.8

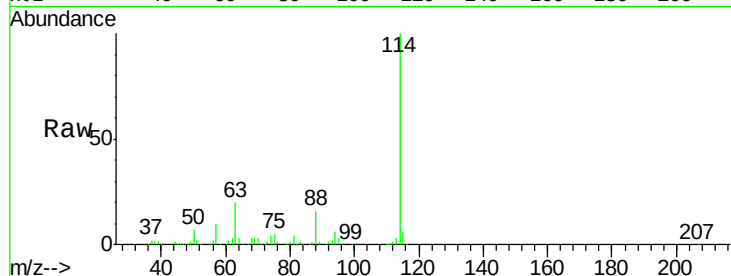




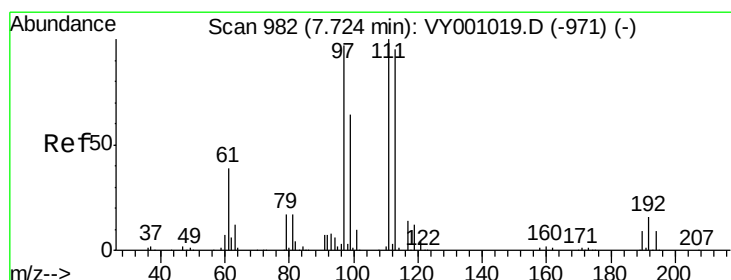
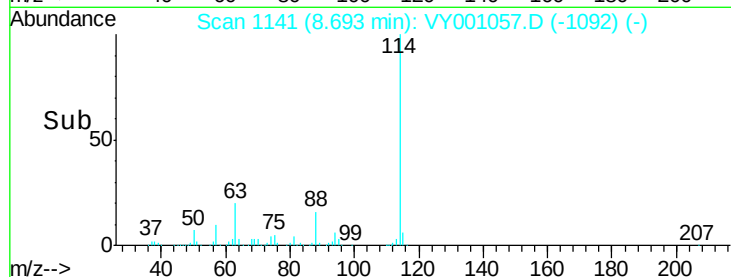
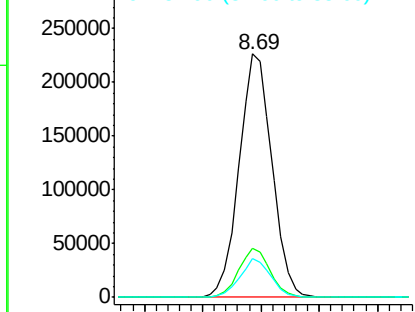
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001057.D
Acq: 24 Dec 2019 18:36

Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-04

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.0
88	16.0	0.0	32.0

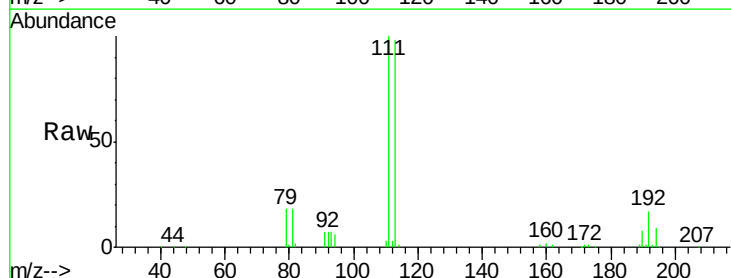


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

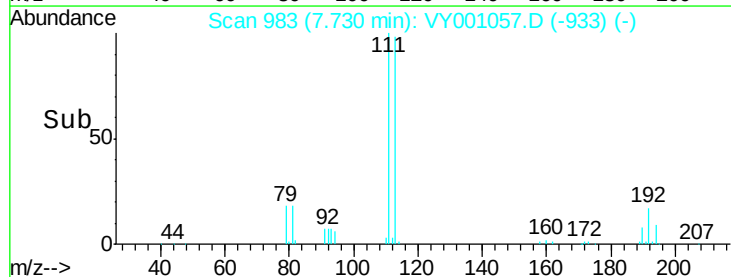
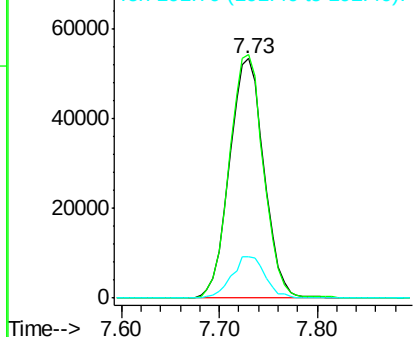


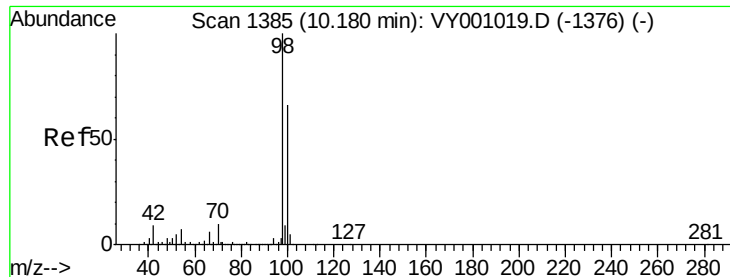
#35
Dibromofluoromethane
Concen: 49.975 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001057.D
Acq: 24 Dec 2019 18:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	83.0	124.4
192	17.0	14.6	21.8



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

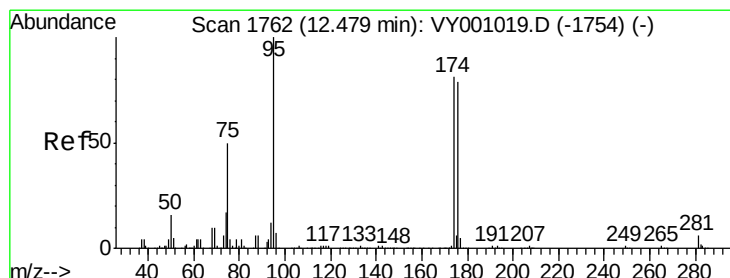
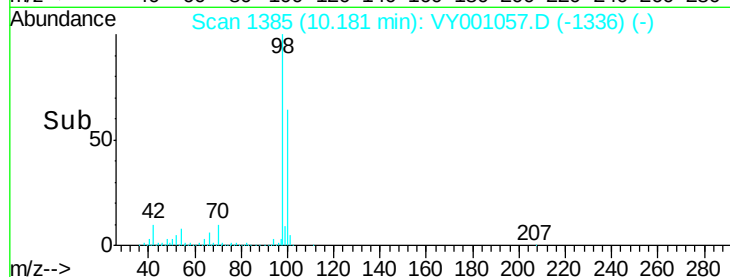
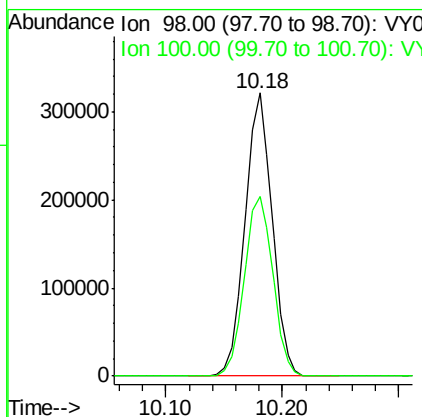
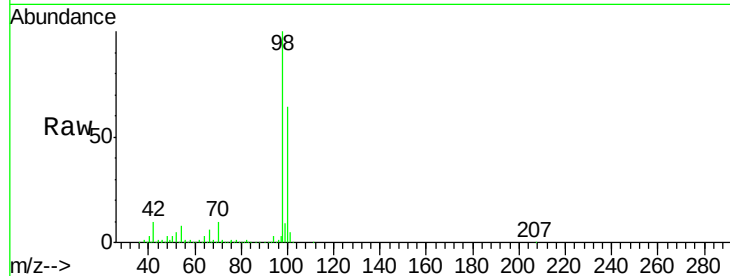




#50
Toluene-d8
Concen: 51.507 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001057.D
Acq: 24 Dec 2019 18:36

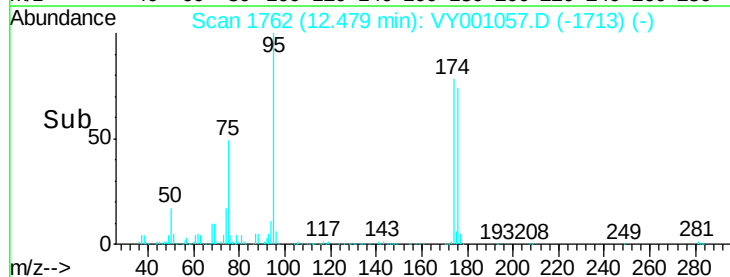
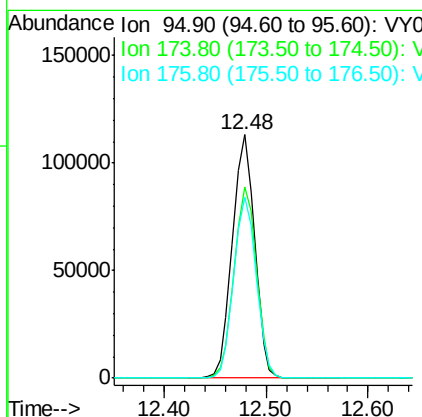
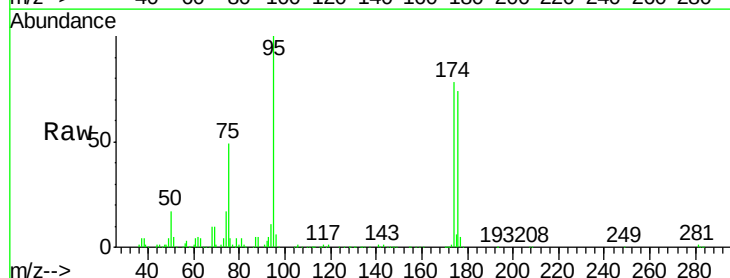
Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-04

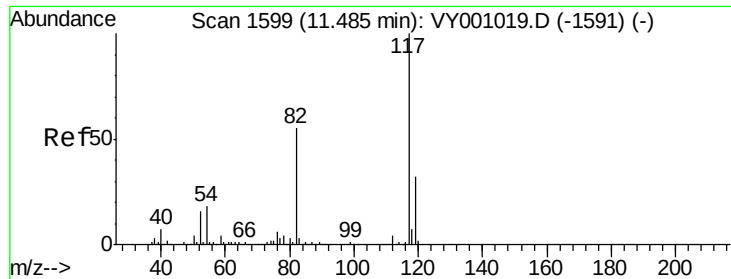
Tot Ion: 98 Resp: 525776
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 45.748 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001057.D
Acq: 24 Dec 2019 18:36

Tgt Ion: 95 Resp: 170739
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.4
176 74.7 0.0 155.0

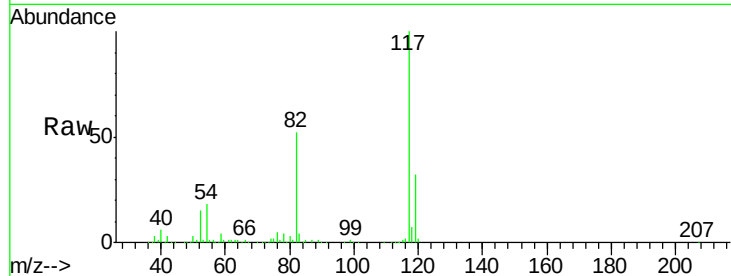




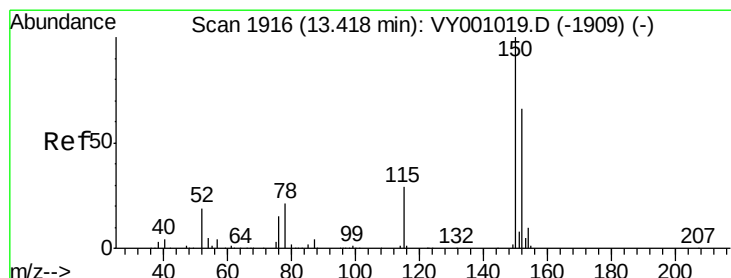
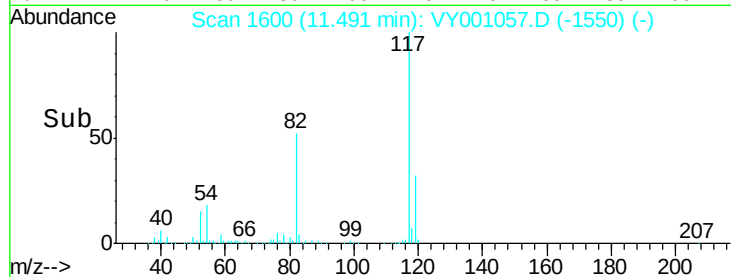
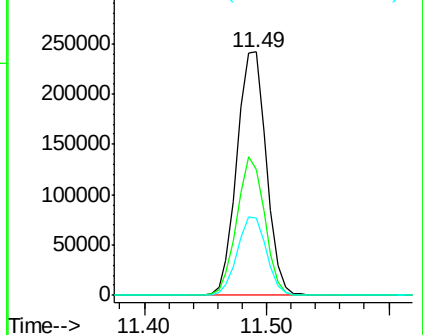
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001057.D
Acq: 24 Dec 2019 18:36

Instrument :
MSVOA_Y
ClientSampleId :
K183-SB-04

Tot Ion:117 Resp: 401437
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.8
119 31.7 25.8 38.6

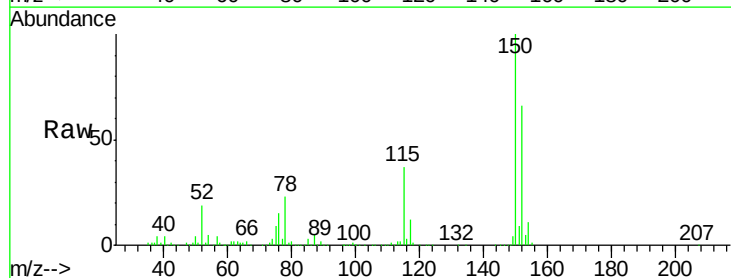


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001057.D
Acq: 24 Dec 2019 18:36

Tgt Ion:152 Resp: 174438
Ion Ratio Lower Upper
152 100
115 59.3 29.8 89.3
150 155.5 0.0 352.6



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

