

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001114.D
 Acq On : 27 Dec 2019 21:14
 Operator : SY/MD
 Sample : K6441-01
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K321-SB-01

Quant Time: Dec 28 05:31:49 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

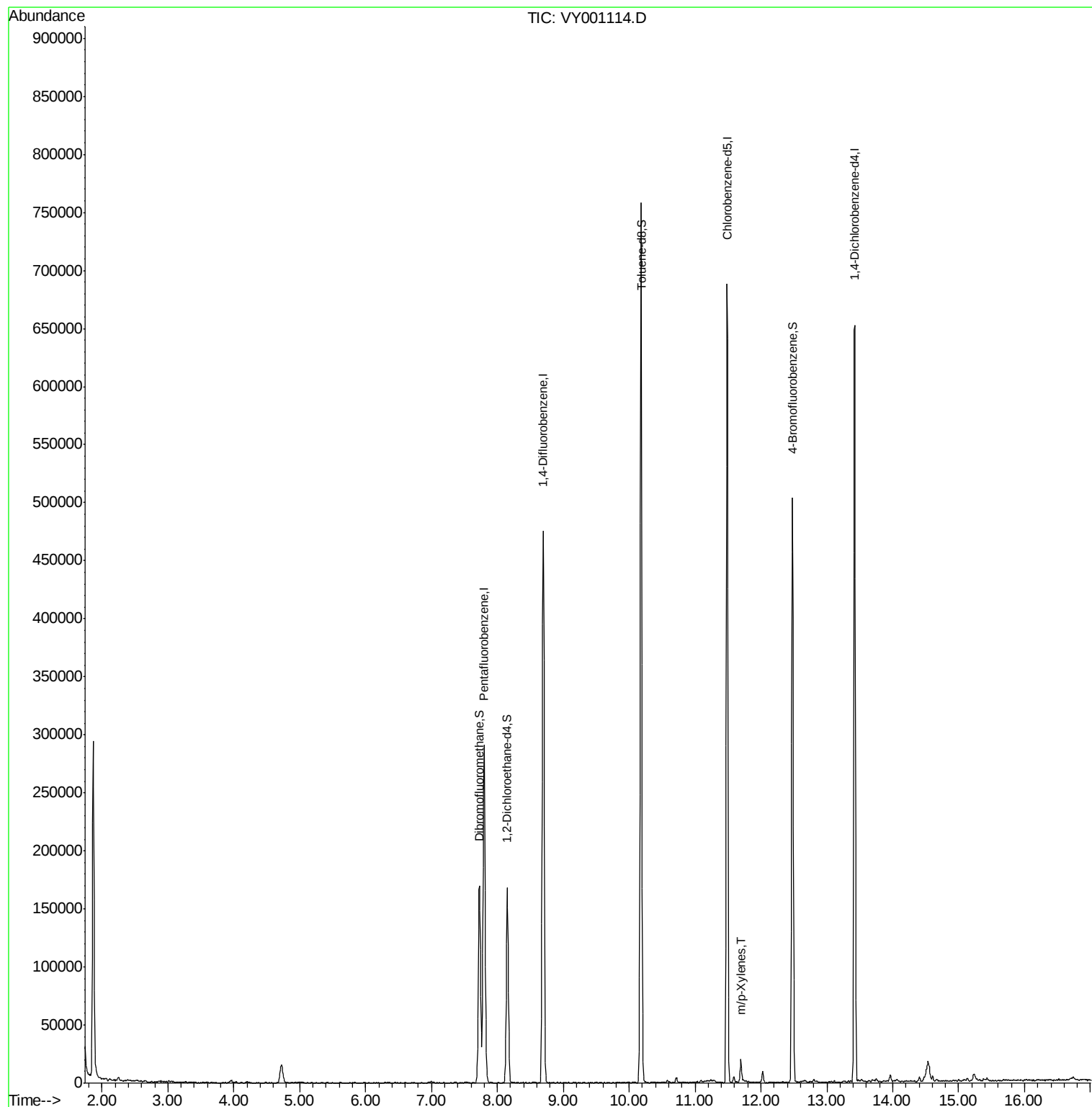
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	434592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	392199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120263	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
35) Dibromofluoromethane	7.73	113	121096	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.18	98	506480	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.48	95	161563	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
68) m/p-Xylenes	11.69	106	5818	1.047	ug/l	Qvalue 90

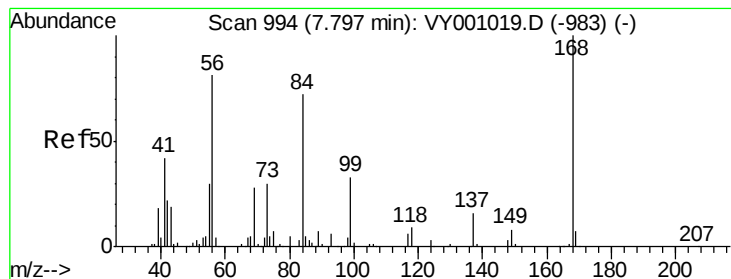
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001114.D

Acq: 27 Dec 2019 21:14

Instrument :

MSVOA_Y

ClientSampled :

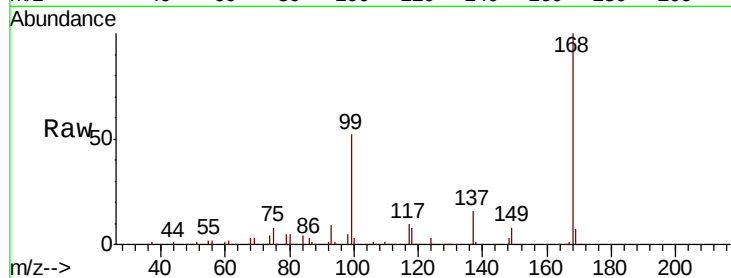
K321-SB-01

Tot Ion:168 Resp: 235486

Ion Ratio Lower Upper

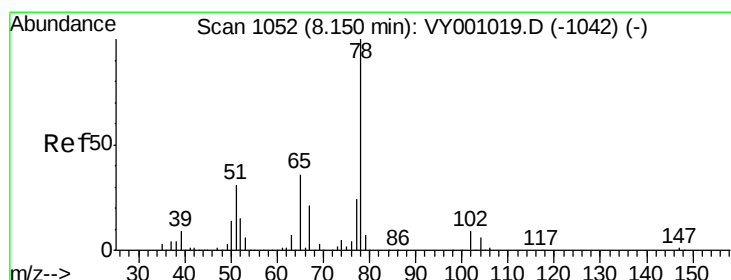
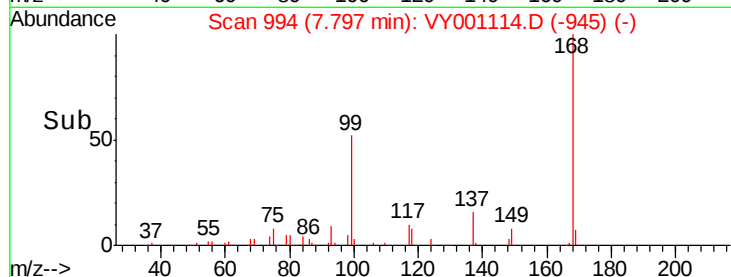
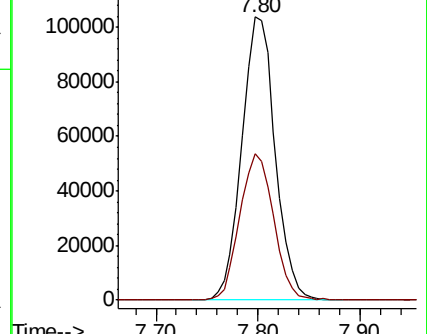
168 100

99 51.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001114.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001114.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.781 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001114.D

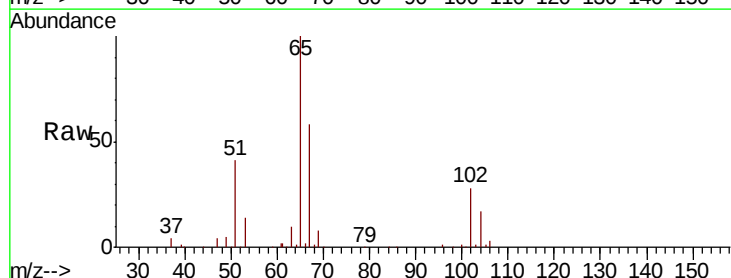
Acq: 27 Dec 2019 21:14

Tgt Ion: 65 Resp: 120263

Ion Ratio Lower Upper

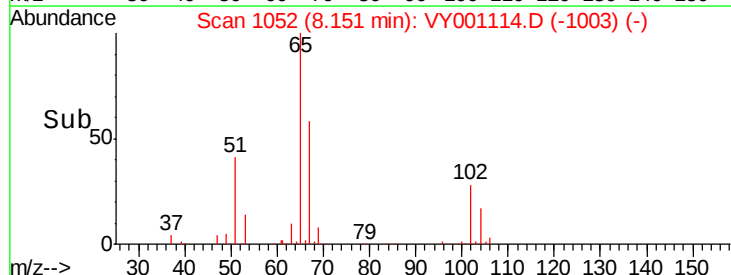
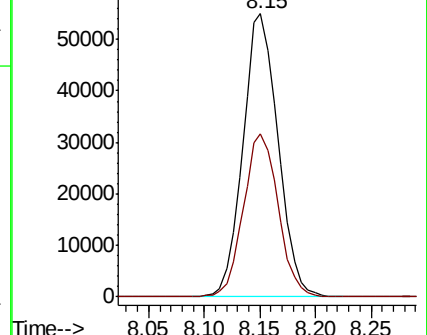
65 100

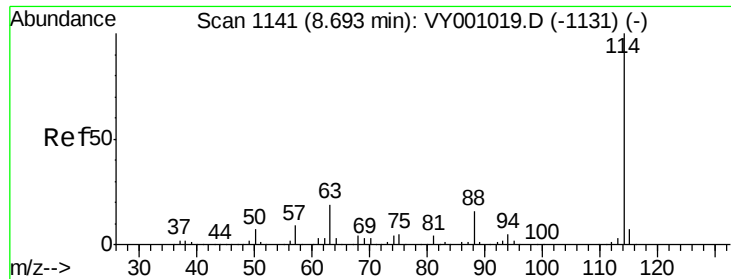
67 57.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001114.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY001114.D (-1003) (-)

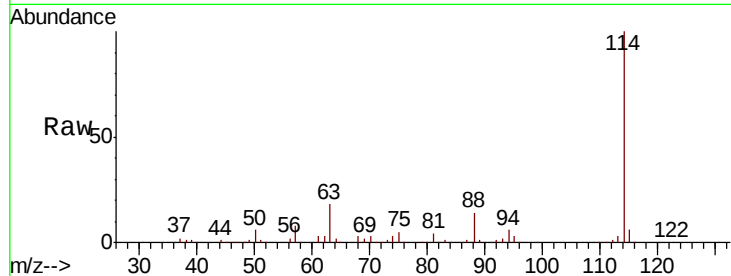




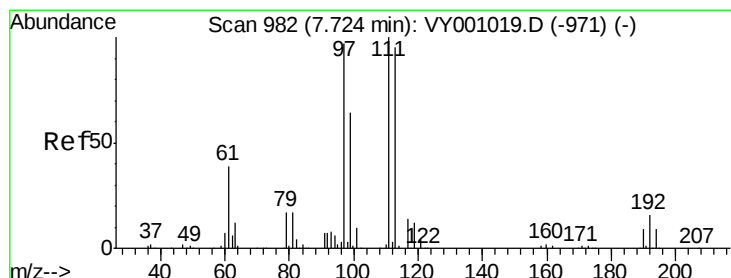
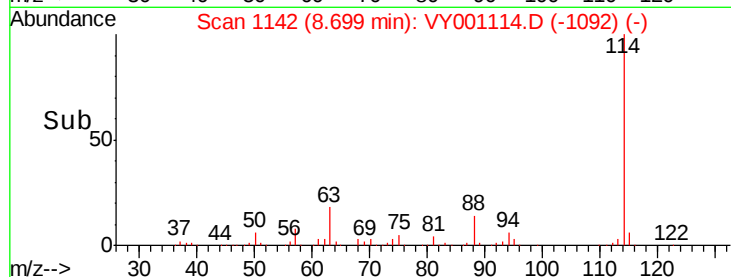
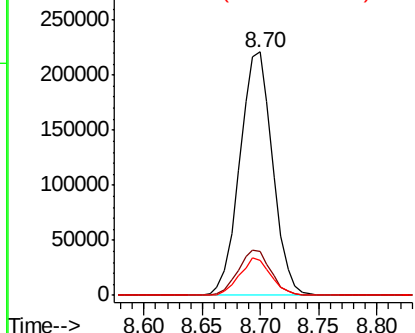
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001114.D
 Acq: 27 Dec 2019 21:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 K321-SB-01

Tot Ion:114 Resp: 434592
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 37.0
 88 14.2 0.0 32.0

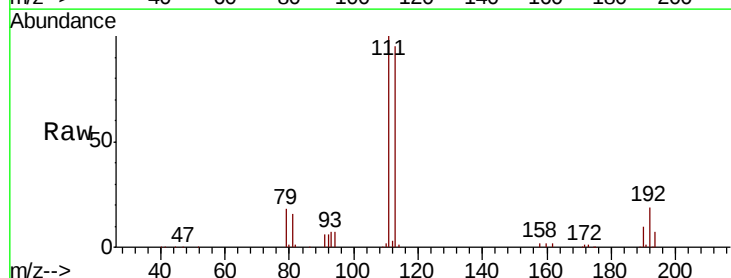


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

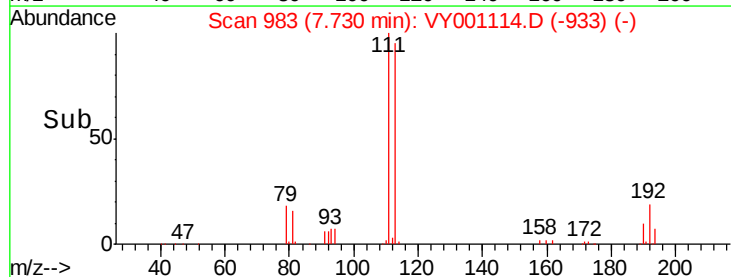
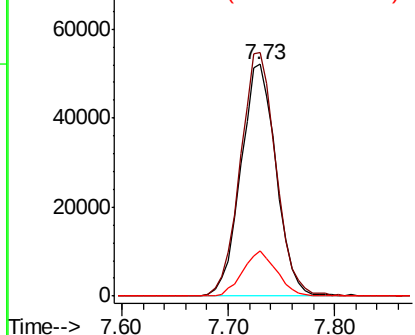


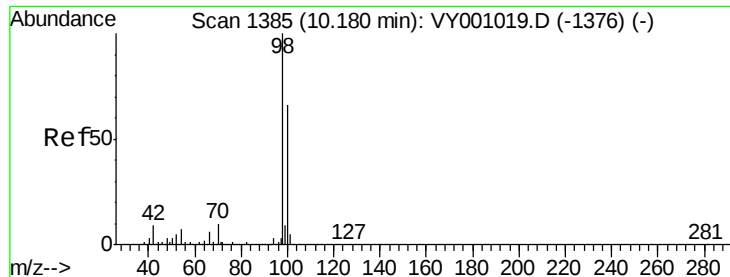
#35
 Dibromofluoromethane
 Concen: 47.319 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001114.D
 Acq: 27 Dec 2019 21:14

Tgt Ion:113 Resp: 121096
 Ion Ratio Lower Upper
 113 100
 111 106.3 83.0 124.4
 192 18.8 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: 50.643 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

Instrument :

MSVOA_Y

ClientSampleId :

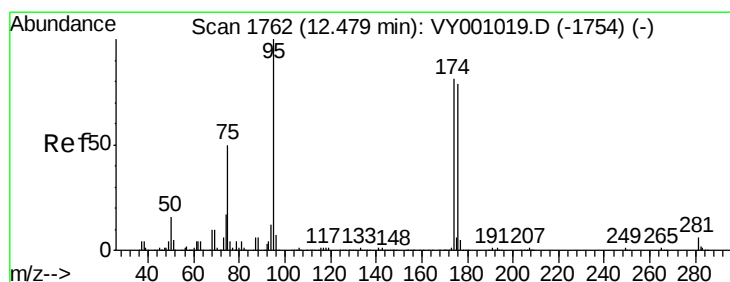
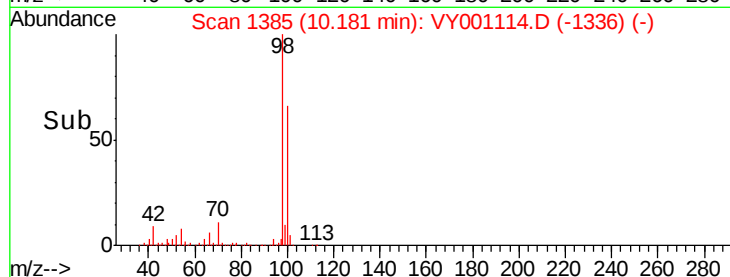
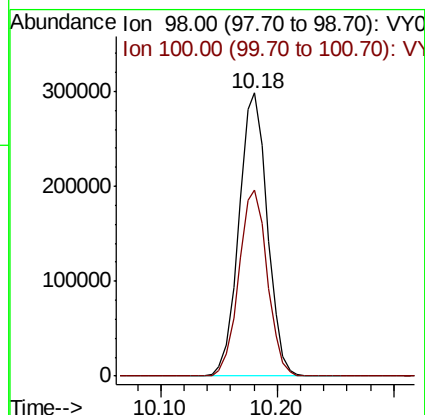
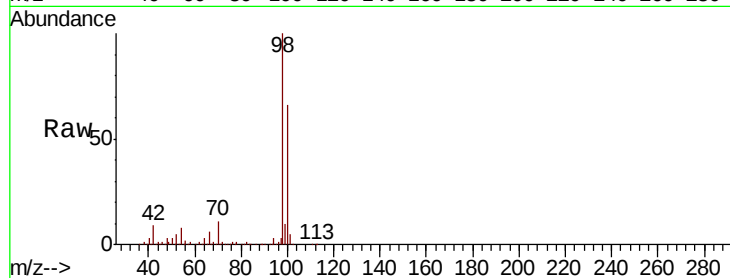
K321-SB-01

Tot Ion: 98 Resp: 506480

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 44.185 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

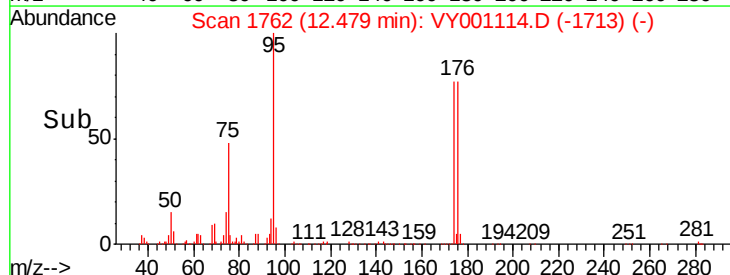
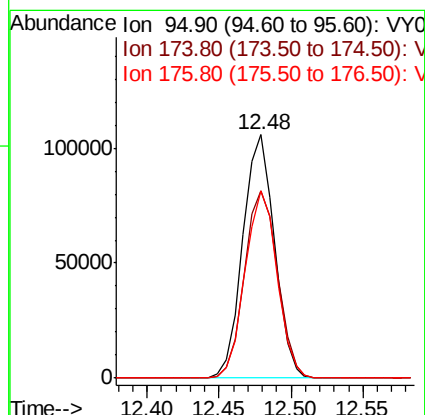
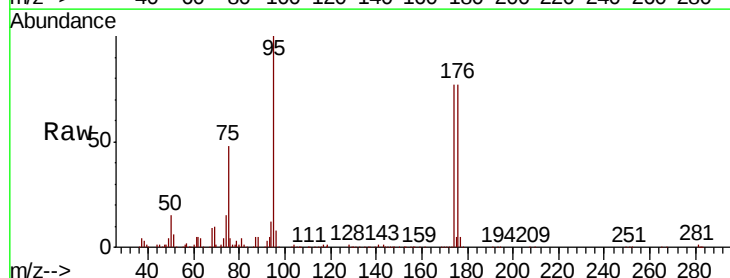
Tgt Ion: 95 Resp: 161563

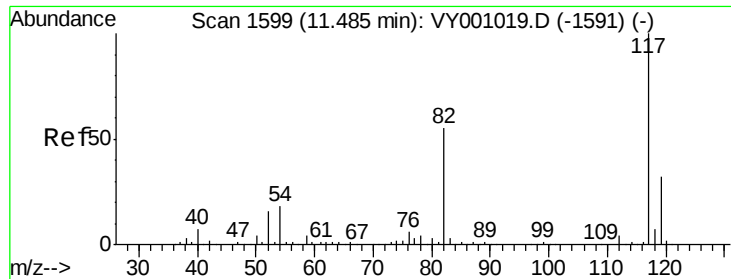
Ion Ratio Lower Upper

95 100

174 79.7 0.0 156.4

176 77.5 0.0 155.0

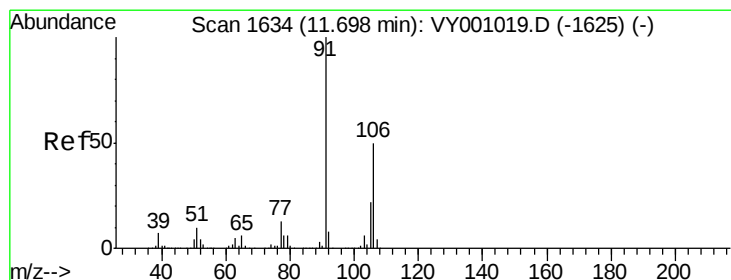
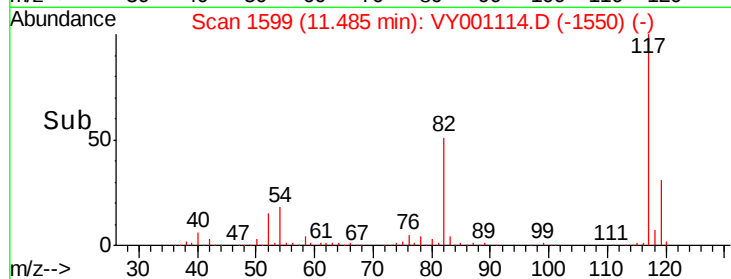
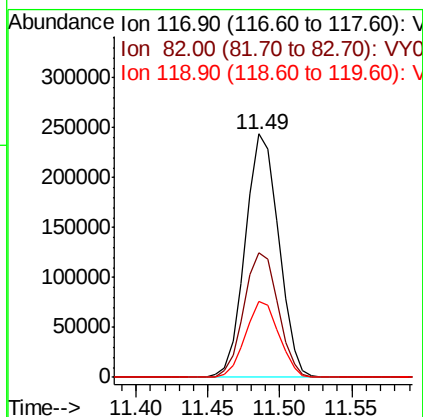
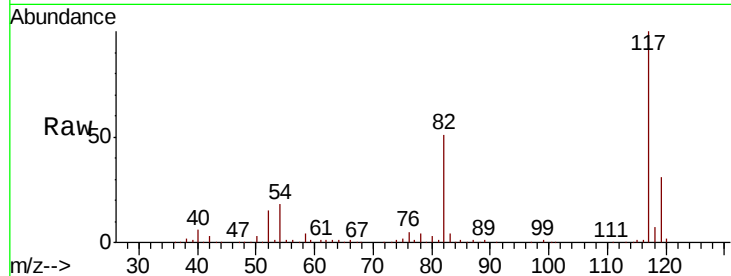




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

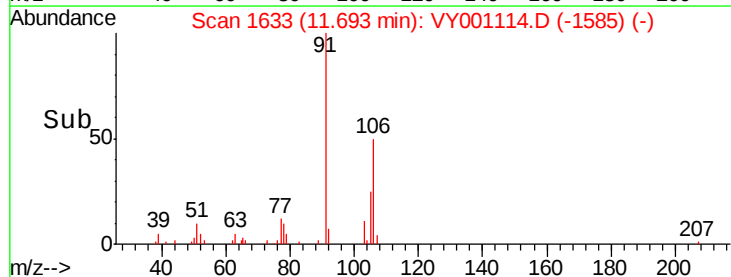
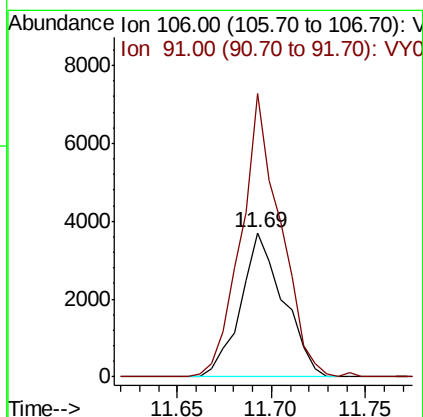
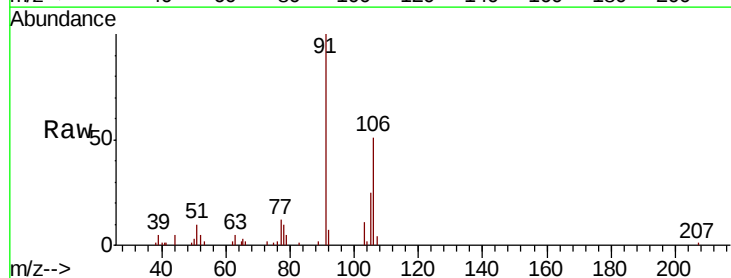
Instrument :
MSVOA_Y
ClientSampleId :
K321-SB-01

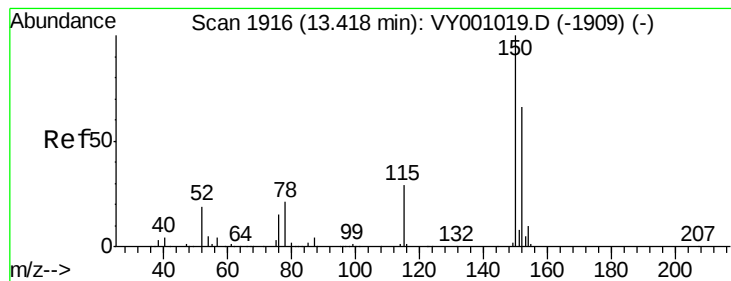
Tot Ion:117 Resp: 392199
Ion Ratio Lower Upper
117 100
82 51.1 43.8 65.8
119 31.1 25.8 38.6



#68
m/p-Xylenes
Concen: 1.047 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY001114.D
Acq: 27 Dec 2019 21:14

Tgt Ion:106 Resp: 5818
Ion Ratio Lower Upper
106 100
91 180.4 156.4 234.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001114.D

Acq: 27 Dec 2019 21:14

Instrument :

MSVOA_Y

ClientSampleId :

K321-SB-01

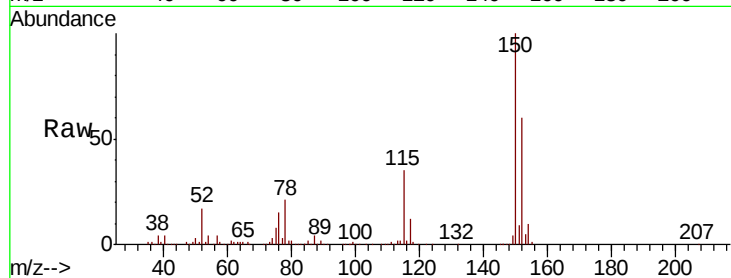
Tot Ion:152 Resp: 167882

Ion Ratio Lower Upper

152 100

115 58.2 29.8 89.3

150 158.0 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

