

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002236.D
 Acq On : 06 Apr 2020 14:54
 Operator : SY/MD
 Sample : L2169-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 96ST-1

Quant Time: Apr 07 05:13:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

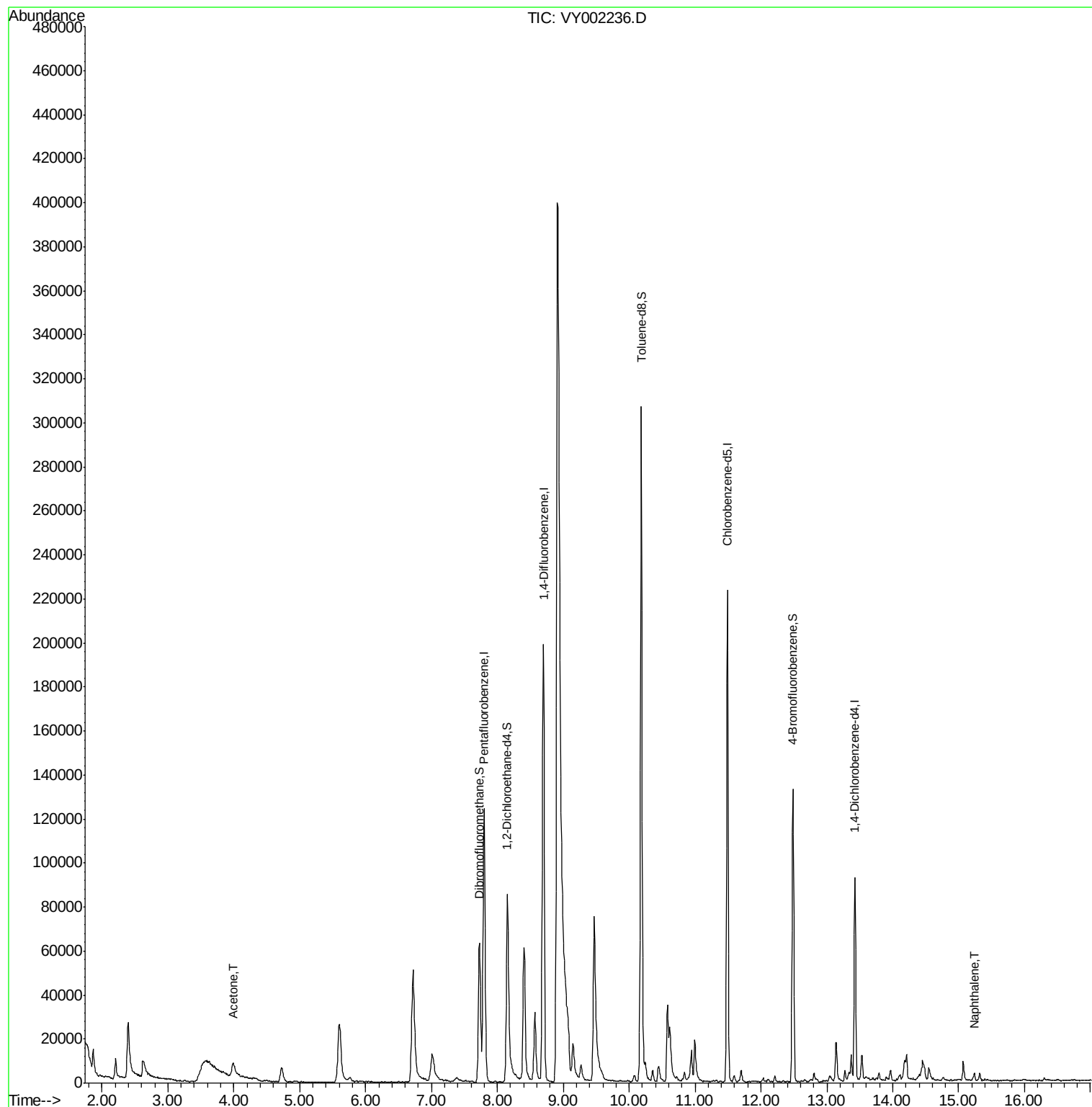
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	94258	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	171155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	116920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	22573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	50366	48.34	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	7.73	113	46898	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	10.18	98	200949	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.49	95	34929	25.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.14%	
Target Compounds						
16) Acetone	3.99	43	14257	48.701	ug/l #	88
95) Naphthalene	15.24	128	2533	2.562	ug/l	99

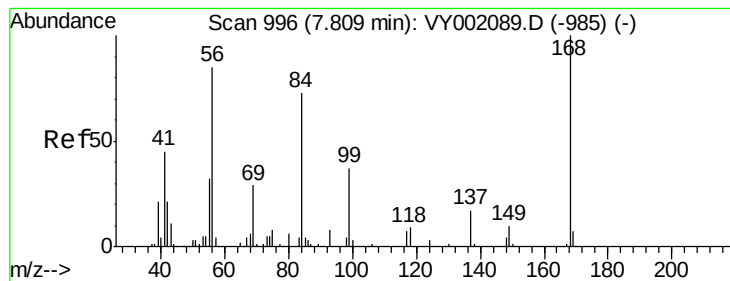
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002236.D

Acq: 06 Apr 2020 14:54

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MSVOA_Y

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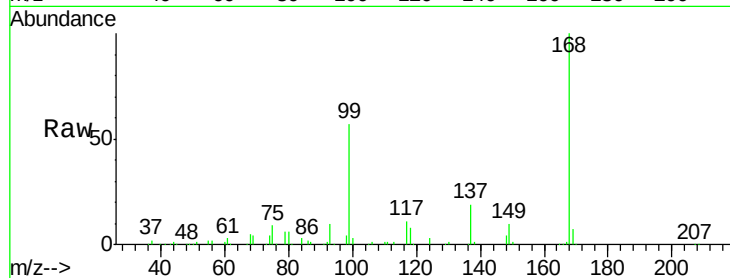
96ST-1

Tot Ion:168 Resp: 94258

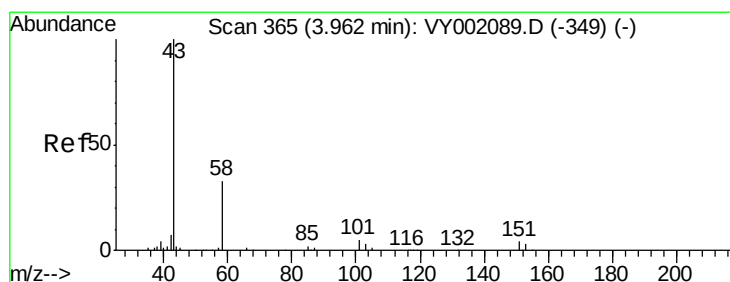
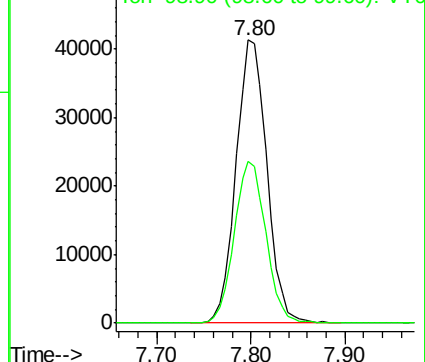
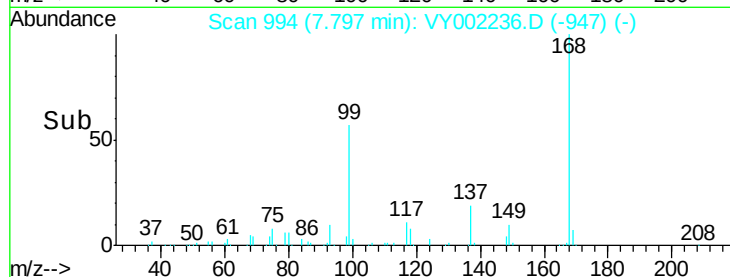
Ion Ratio Lower Upper

168 100

99 57.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002236.D (-947) (-)



#16

Acetone

Concen: 48.701 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.03 min

Lab File: VY002236.D

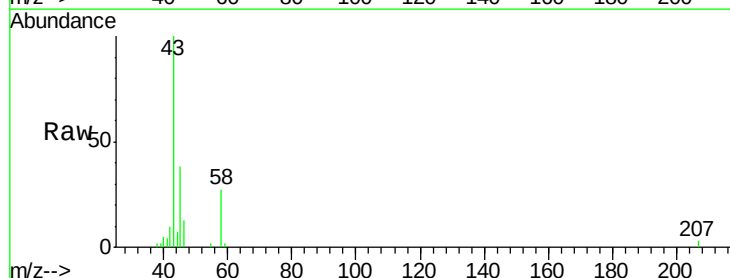
Acq: 06 Apr 2020 14:54

Tgt Ion: 43 Resp: 14257

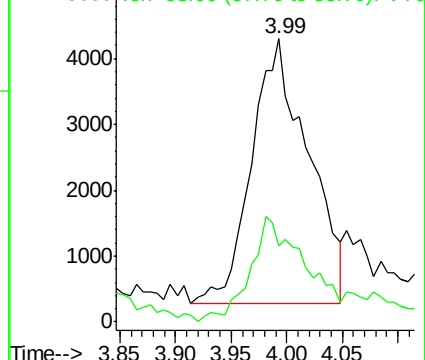
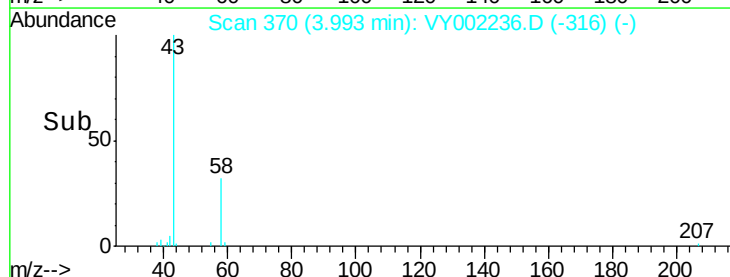
Ion Ratio Lower Upper

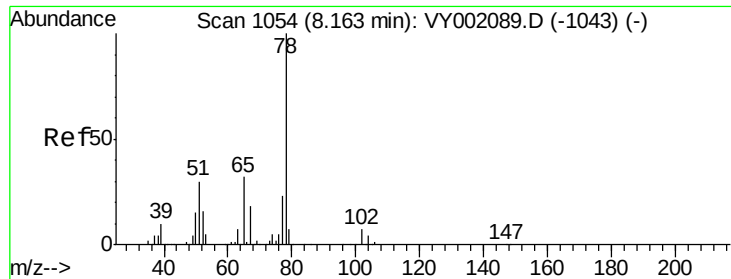
43 100

58 26.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002236.D (-316) (-)

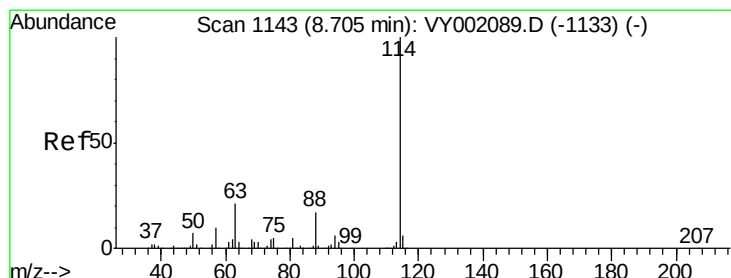
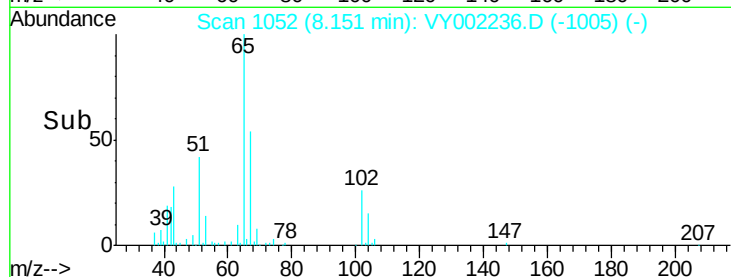
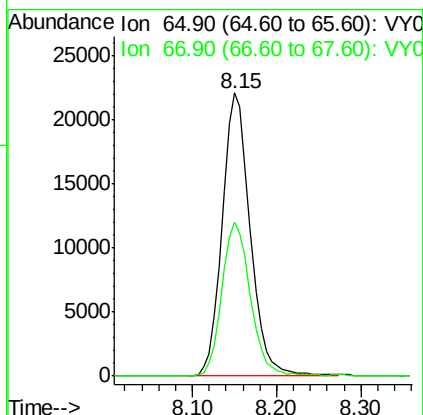
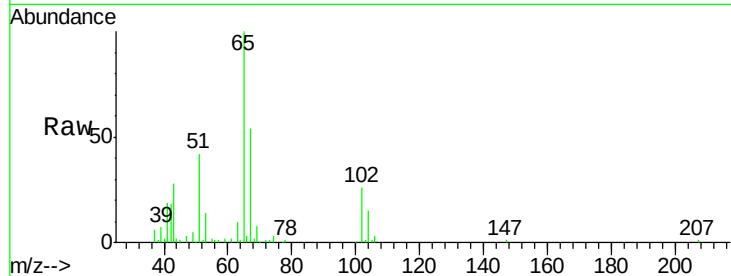




#33
 1,2-Dichloroethane-d4
 Concen: 48.336 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002236.D
 Acq: 06 Apr 2020 14:54

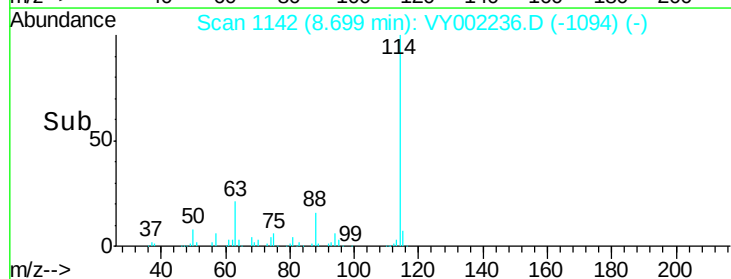
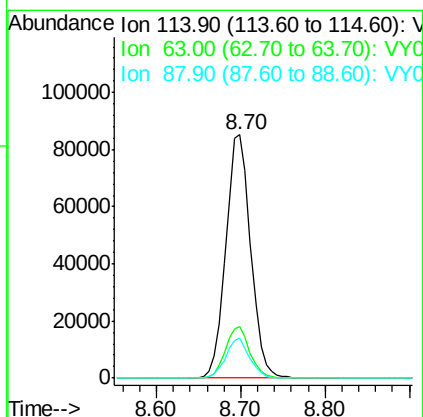
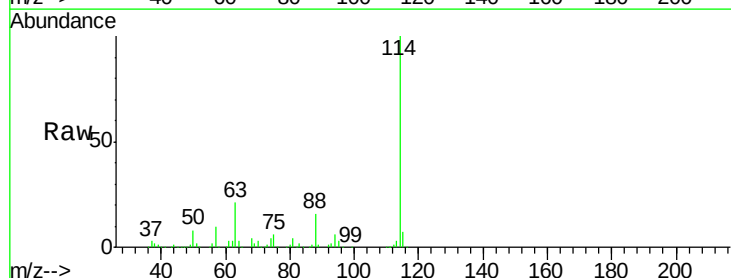
Instrument :
 MSVOA_Y
 ClientSampleId :
 96ST-1

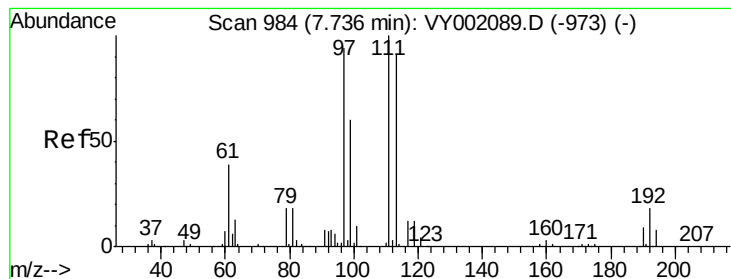
Tot Ion: 65 Resp: 50366
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002236.D
 Acq: 06 Apr 2020 14:54

Tgt Ion: 114 Resp: 171155
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.903 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002236.D

Acq: 06 Apr 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

96ST-1

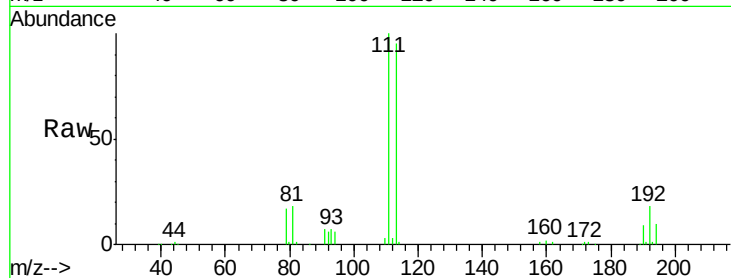
Tot Ion:113 Resp: 46898

Ion Ratio Lower Upper

113 100

111 104.0 84.4 126.6

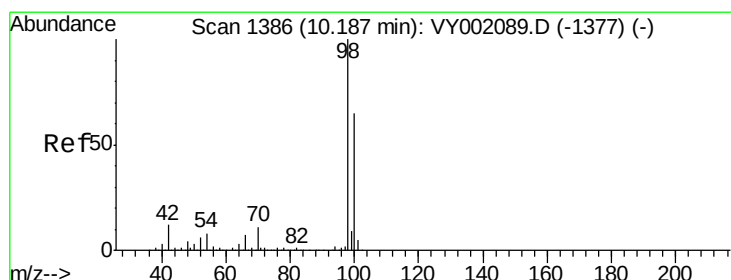
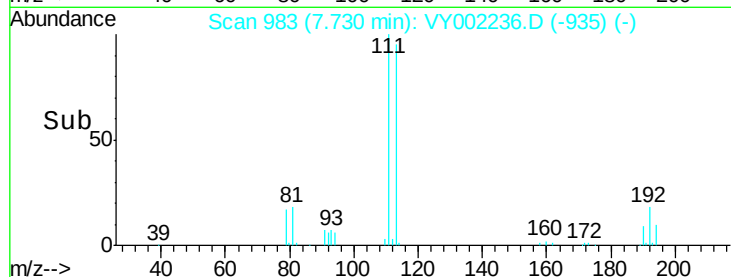
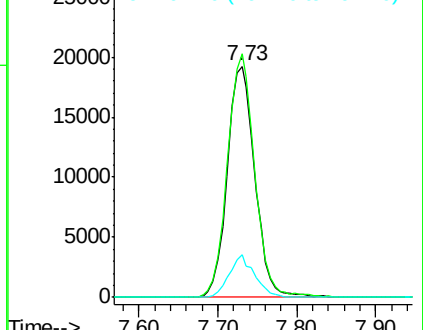
192 16.8 14.6 21.8



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: 50.440 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002236.D

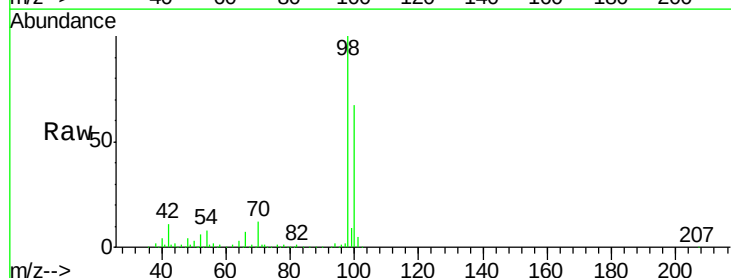
Acq: 06 Apr 2020 14:54

Tgt Ion: 98 Resp: 200949

Ion Ratio Lower Upper

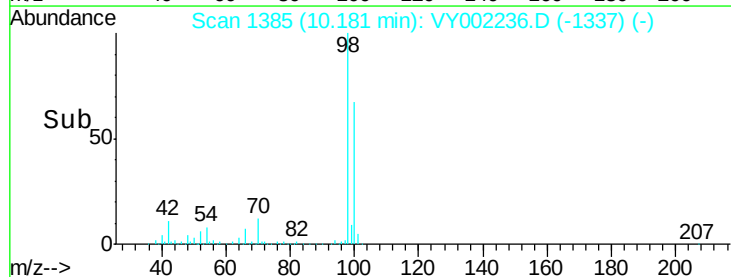
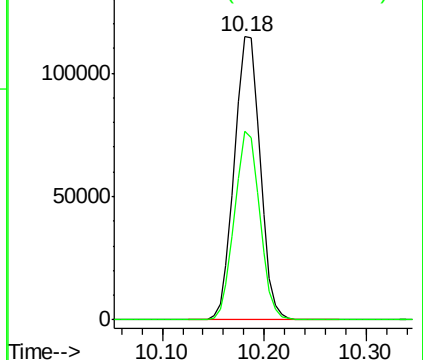
98 100

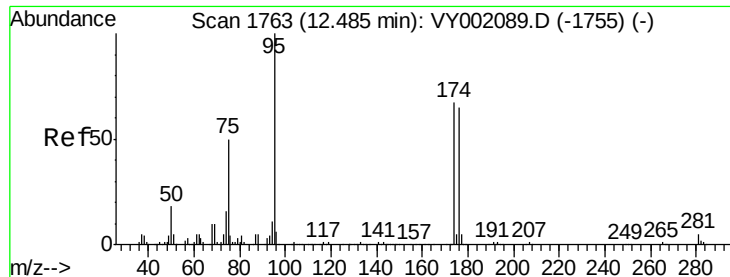
100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

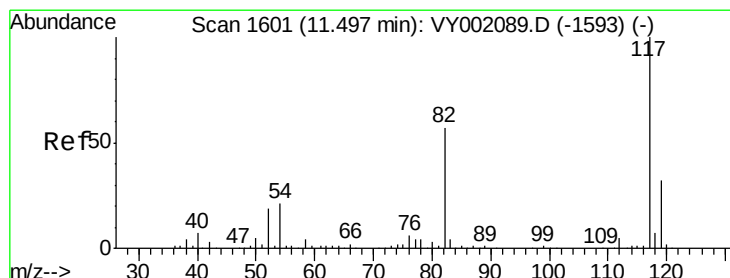
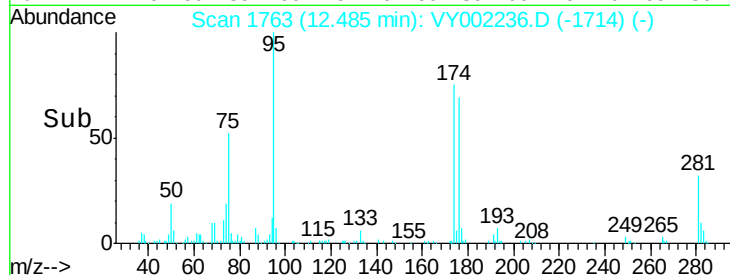
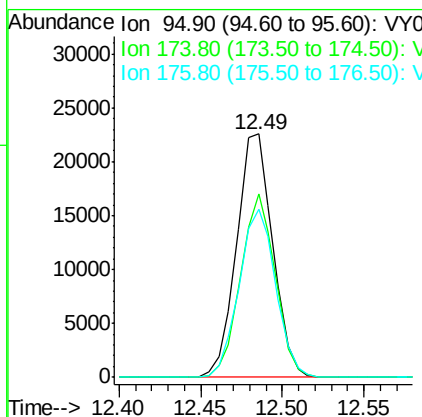
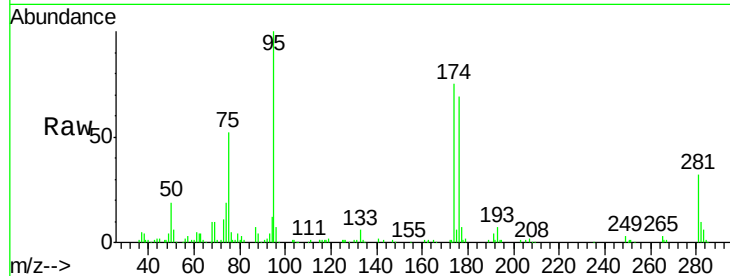




#62
4-Bromofluorobenzene
Concen: 25.069 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002236.D
Acq: 06 Apr 2020 14:54

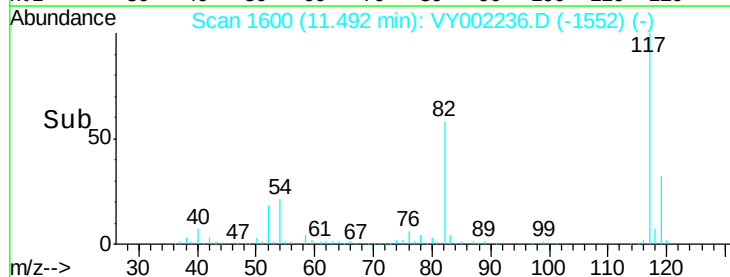
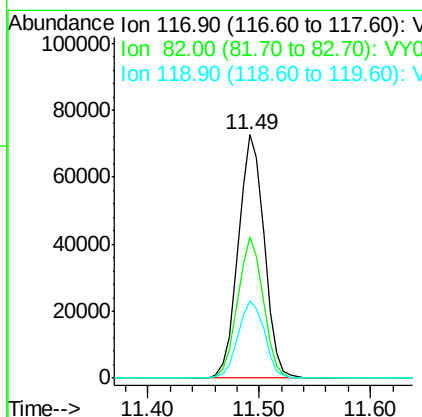
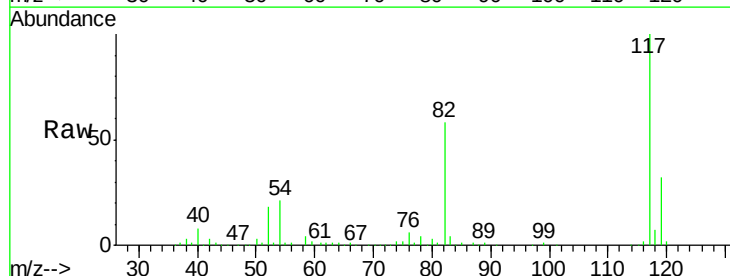
Instrument :
MSVOA_Y
ClientSampleId :
96ST-1

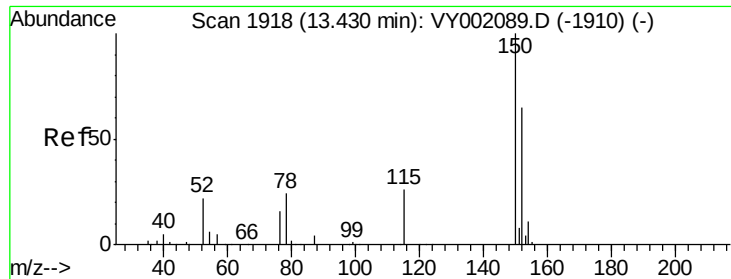
Tot Ion: 95 Resp: 34929
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.4
176 70.0 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002236.D
Acq: 06 Apr 2020 14:54

Tgt Ion: 117 Resp: 116920
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.2
119 31.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002236.D

Acq: 06 Apr 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

96ST-1

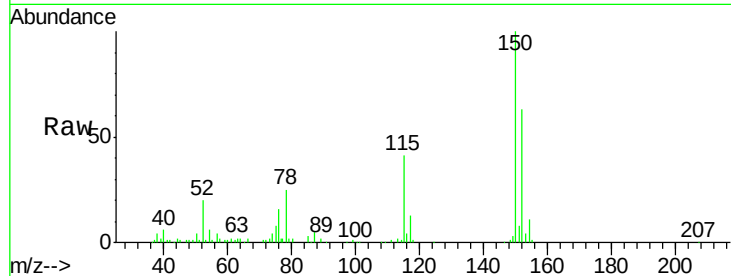
Tot Ion:152 Resp: 22573

Ion Ratio Lower Upper

152 100

115 61.9 31.2 93.6

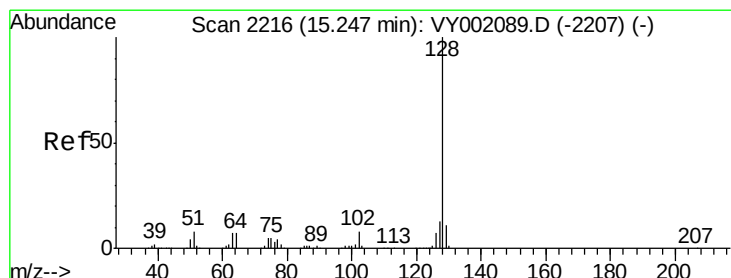
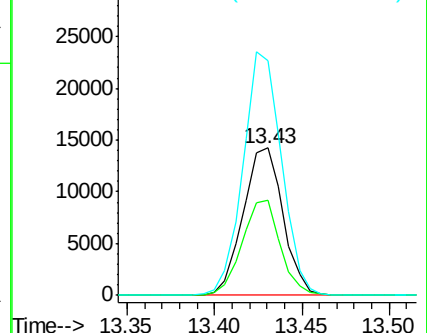
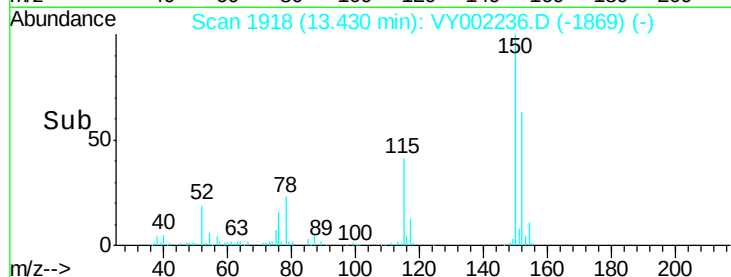
150 159.5 0.0 354.8



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



#95

Naphthalene

Concen: 2.562 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002236.D

Acq: 06 Apr 2020 14:54

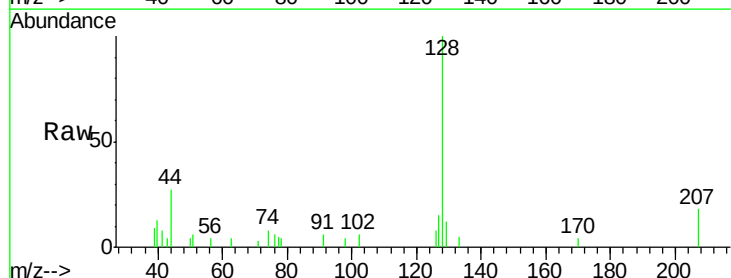
Tgt Ion:128 Resp: 2533

Ion Ratio Lower Upper

128 100

127 12.8 9.8 14.8

129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

