

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001033.D
 Acq On : 23 Dec 2019 17:01
 Operator : SY/MD
 Sample : K6396-08RE
 Misc : 5.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(3-4)RE

Quant Time: Dec 24 05:36:58 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

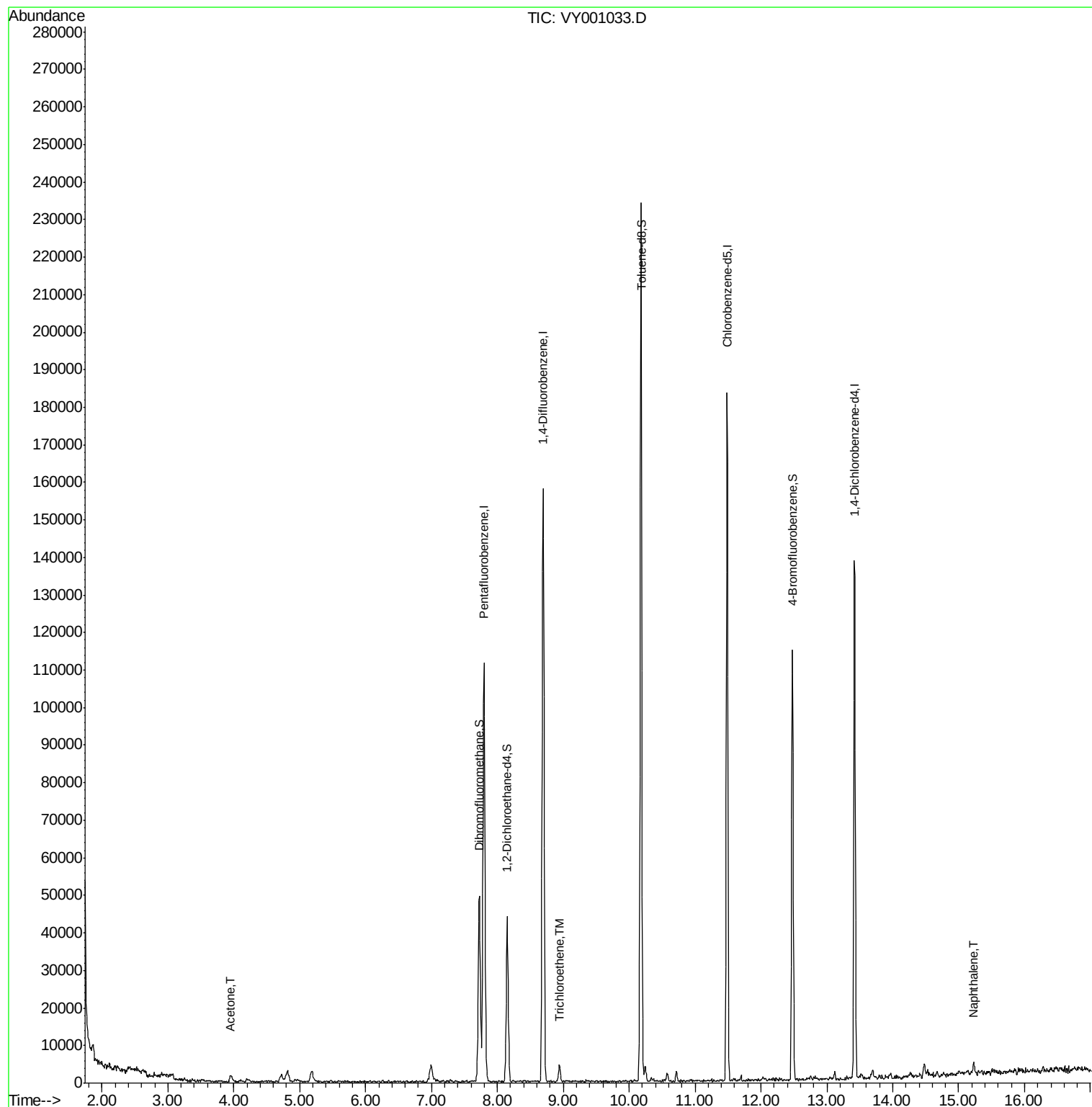
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	83216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	134892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	98417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	35484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	29929	36.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.94%	
35) Dibromofluoromethane	7.73	113	35250	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
50) Toluene-d8	10.18	98	155923	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.48	95	37209	32.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.56%	
Target Compounds						
16) Acetone	3.94	43	2633	13.926	ug/l	100
44) Trichloroethene	8.95	130	1437	1.405	ug/l	67
95) Naphthalene	15.23	128	1791	1.031	ug/l #	94

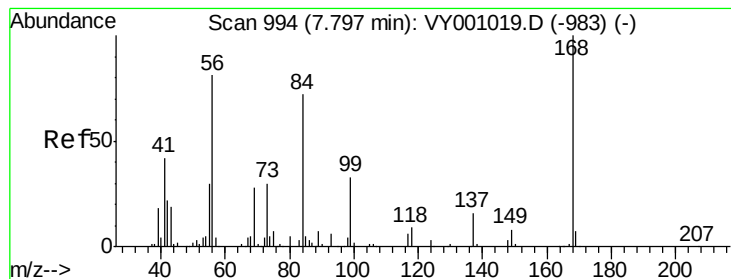
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001033.D

Acq: 23 Dec 2019 17:01

Instrument :

MSVOA_Y

ClientSampleId :

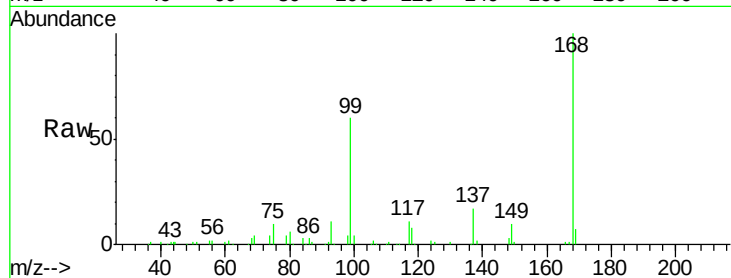
SB-3-(3-4)RE

Tot Ion:168 Resp: 83216

Ion Ratio Lower Upper

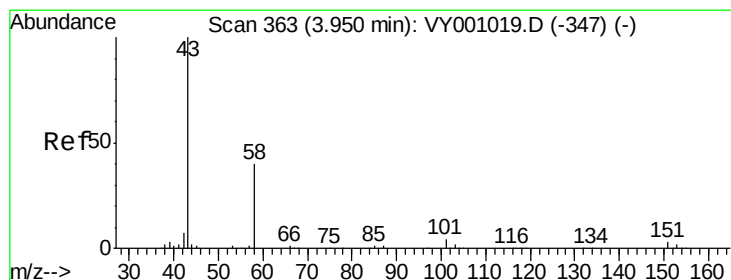
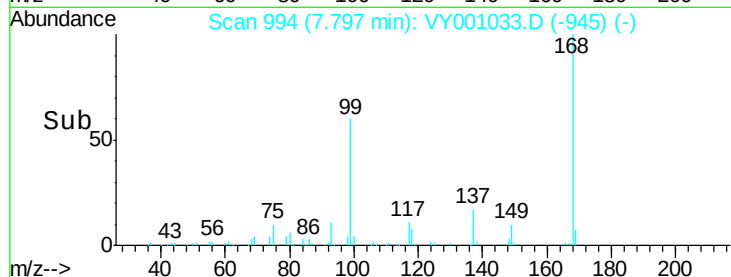
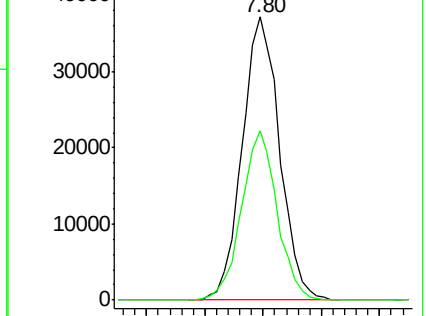
168 100

99 60.0 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) (-)



#16

Acetone

Concen: 13.926 ug/l

RT: 3.94 min Scan# 362

Delta R.T. -0.01 min

Lab File: VY001033.D

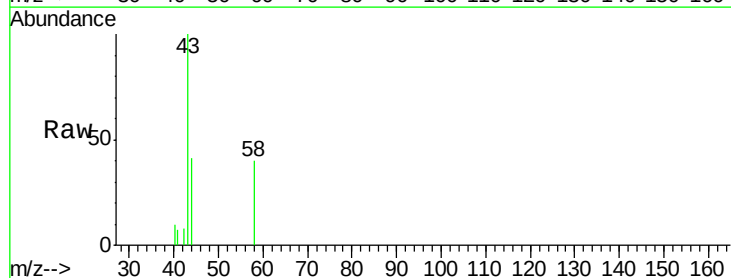
Acq: 23 Dec 2019 17:01

Tgt Ion: 43 Resp: 2633

Ion Ratio Lower Upper

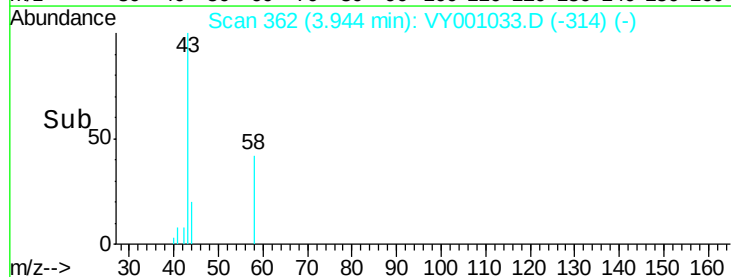
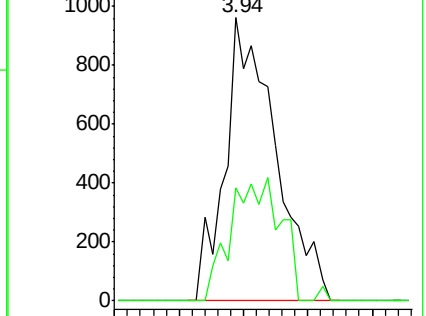
43 100

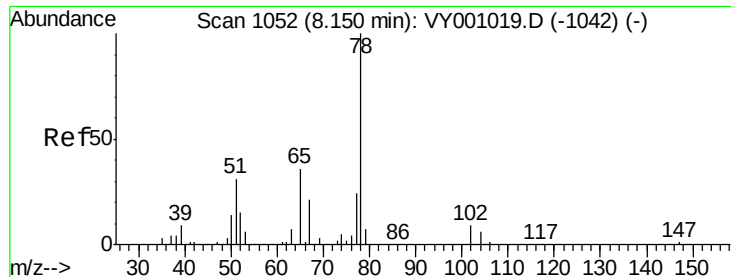
58 39.8 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

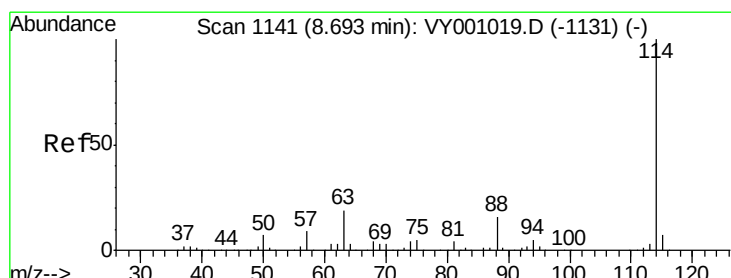
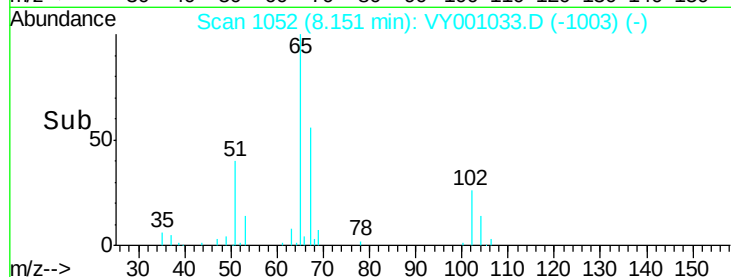
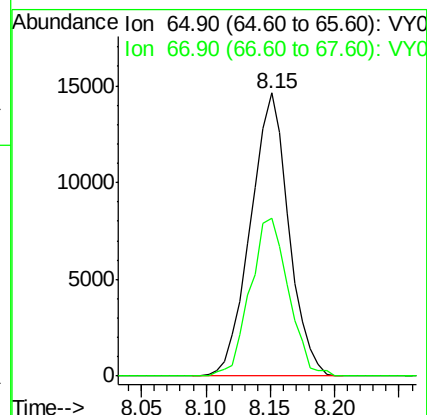
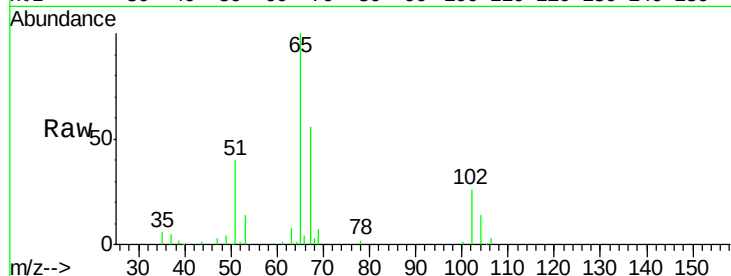




#33
 1,2-Dichloroethane-d4
 Concen: 36.466 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001033.D
 Acq: 23 Dec 2019 17:01

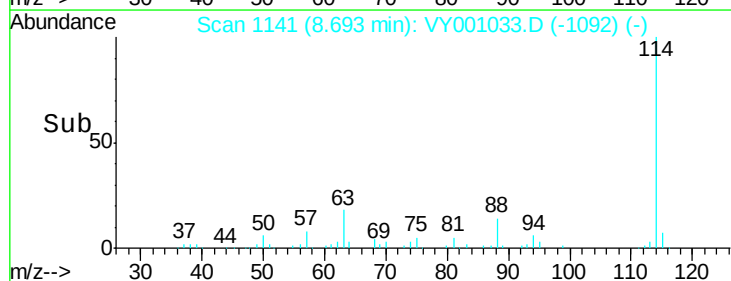
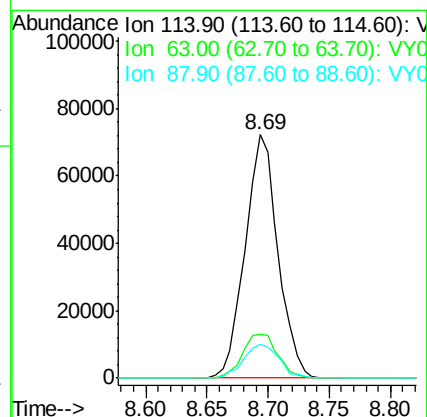
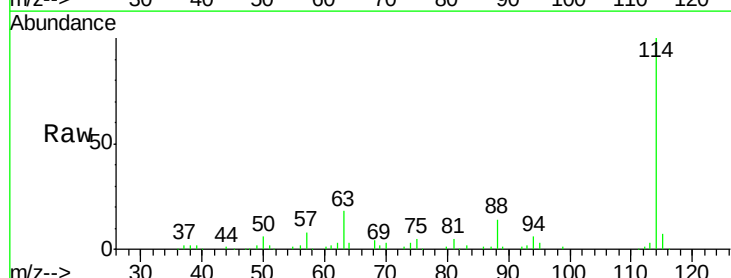
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(3-4)RE

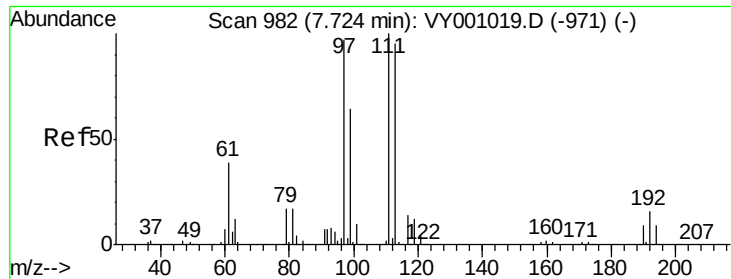
Tot Ion: 65 Resp: 29929
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001033.D
 Acq: 23 Dec 2019 17:01

Tgt Ion: 114 Resp: 134892
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 37.0
 88 13.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 44.378 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001033.D

Acq: 23 Dec 2019 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(3-4)RE

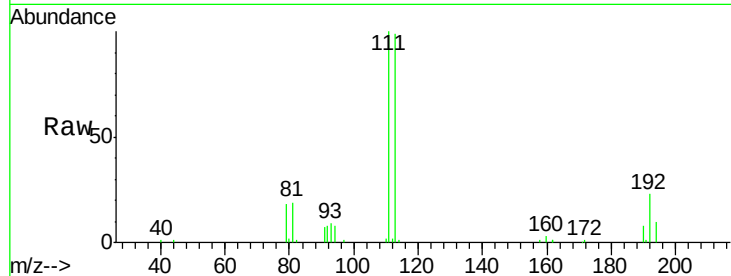
Tot Ion:113 Resp: 35250

Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.4

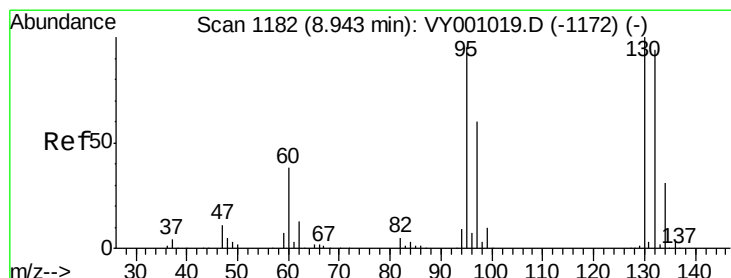
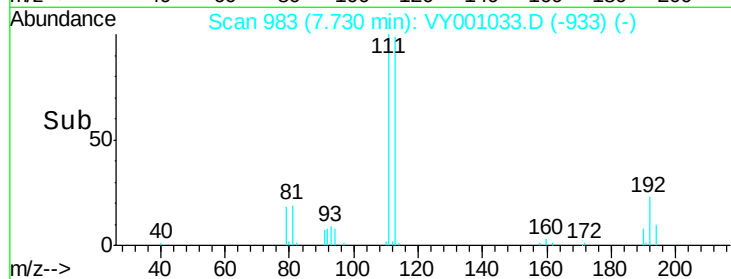
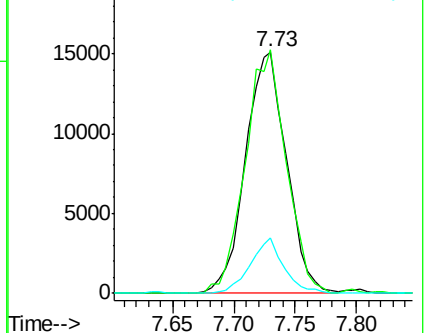
192 18.7 14.6 21.8



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



#44

Trichloroethene

Concen: 1.405 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY001033.D

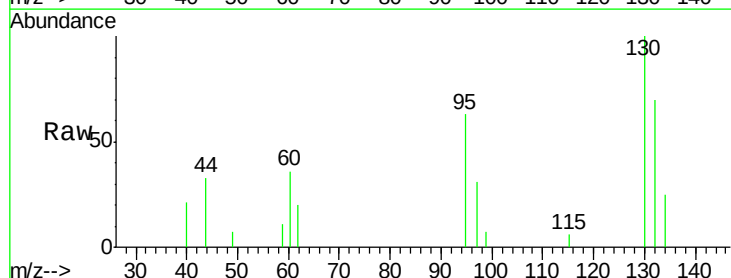
Acq: 23 Dec 2019 17:01

Tgt Ion:130 Resp: 1437

Ion Ratio Lower Upper

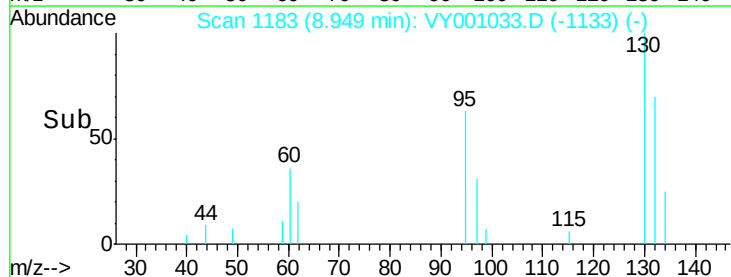
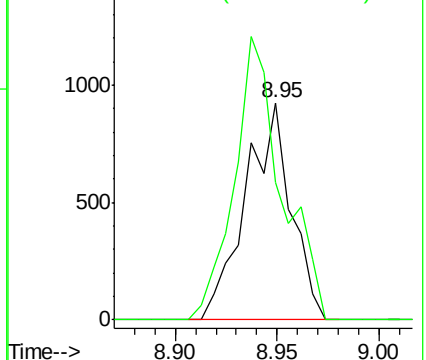
130 100

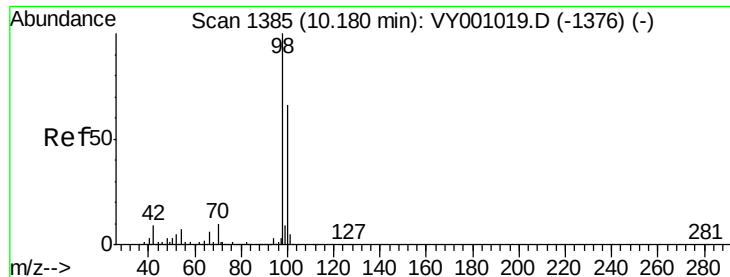
95 63.1 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#50

Toluene-d8

Concen: 50.230 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001033.D

Acq: 23 Dec 2019 17:01

Instrument :

MSVOA_Y

ClientSampleId :

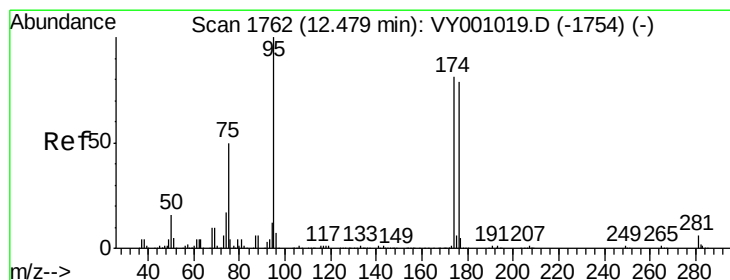
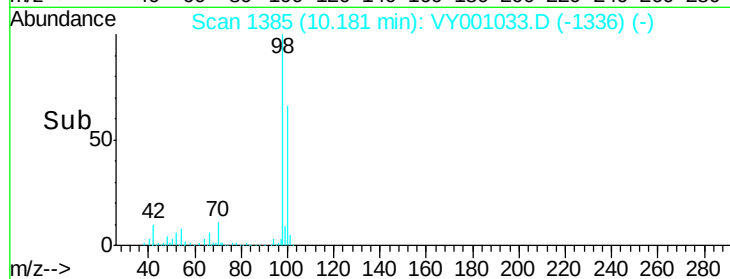
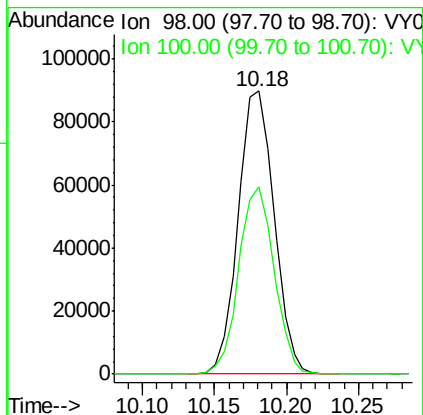
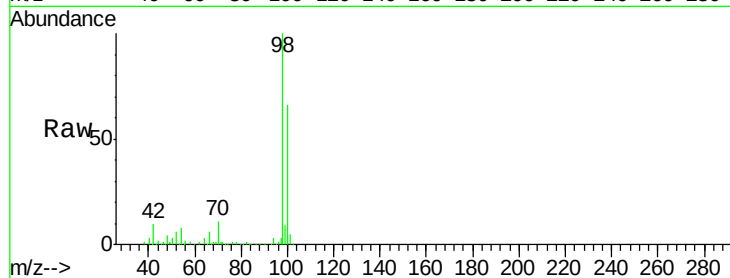
SB-3-(3-4)RE

Tot Ion: 98 Resp: 155923

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 32.785 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001033.D

Acq: 23 Dec 2019 17:01

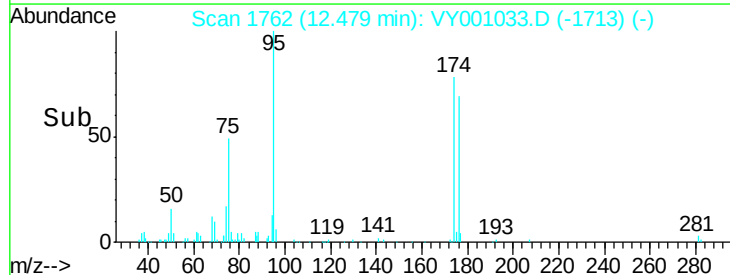
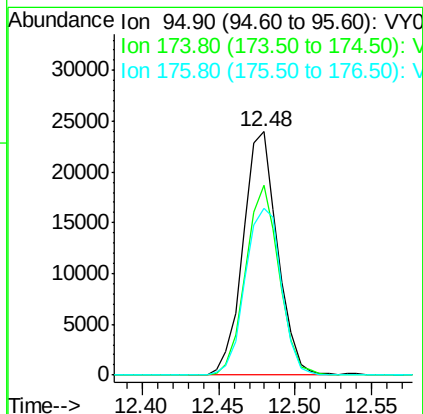
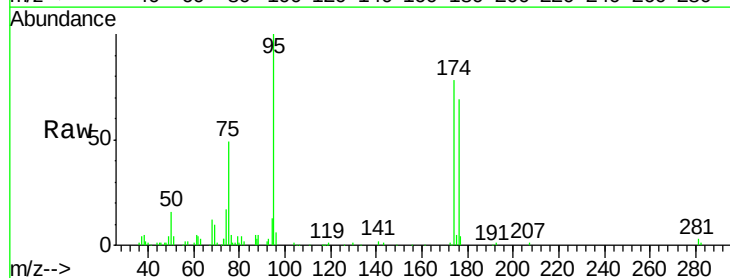
Tgt Ion: 95 Resp: 37209

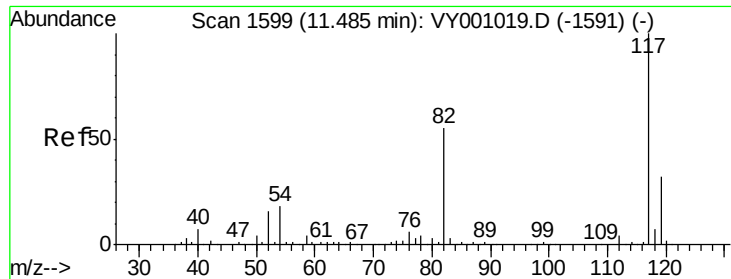
Ion Ratio Lower Upper

95 100

174 76.1 0.0 156.4

176 72.3 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: VY001033.D

Acq: 23 Dec 2019 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(3-4)RE

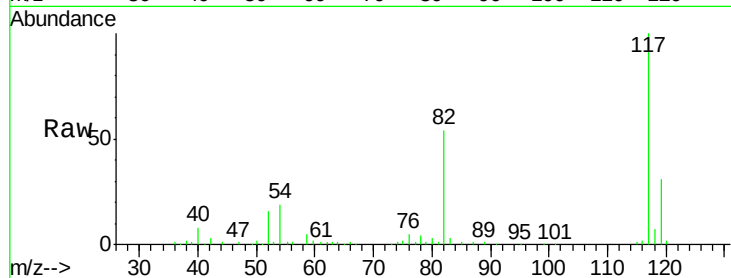
Tot Ion:117 Resp: 98417

Ion Ratio Lower Upper

117 100

82 53.8 43.8 65.8

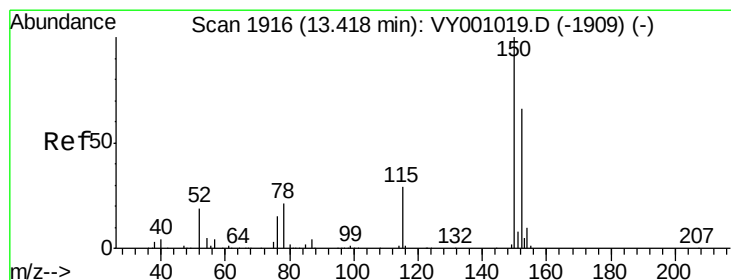
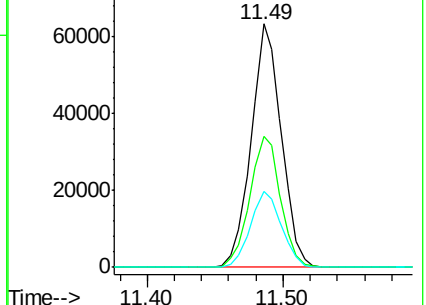
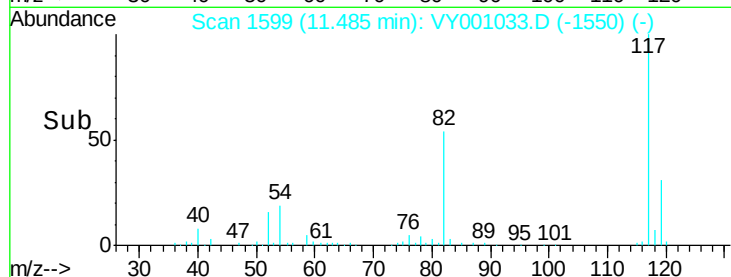
119 31.4 25.8 38.6



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: VY001033.D

Acq: 23 Dec 2019 17:01

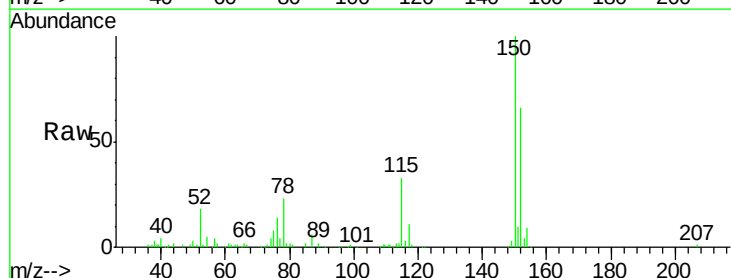
Tgt Ion:152 Resp: 35484

Ion Ratio Lower Upper

152 100

115 56.6 29.8 89.3

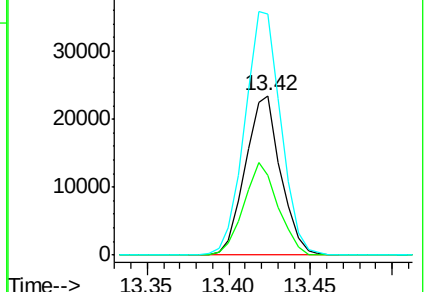
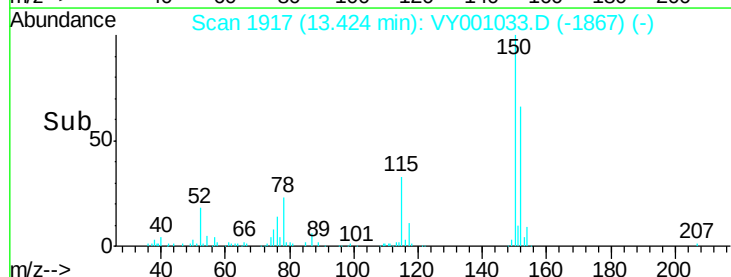
150 155.7 0.0 352.6

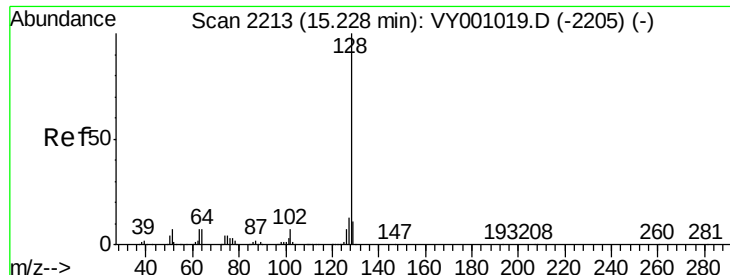


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.031 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001033.D

Acq: 23 Dec 2019 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(3-4)RE

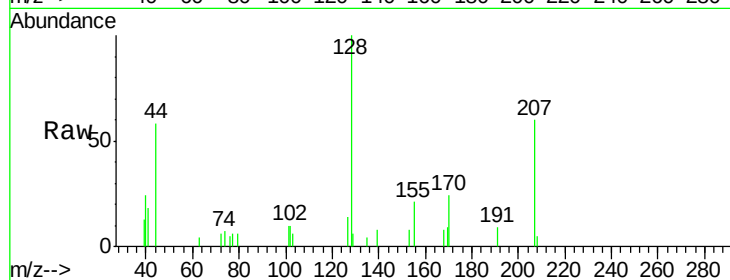
Tot Ion:128 Resp: 1791

Ion Ratio Lower Upper

128 100

127 13.7 9.9 14.9

129 7.3 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

