

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001528.D
 Acq On : 06 Feb 2020 14:20
 Operator : SY/MD
 Sample : L1360-01RE
 Misc : 10.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Feb 07 04:23:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

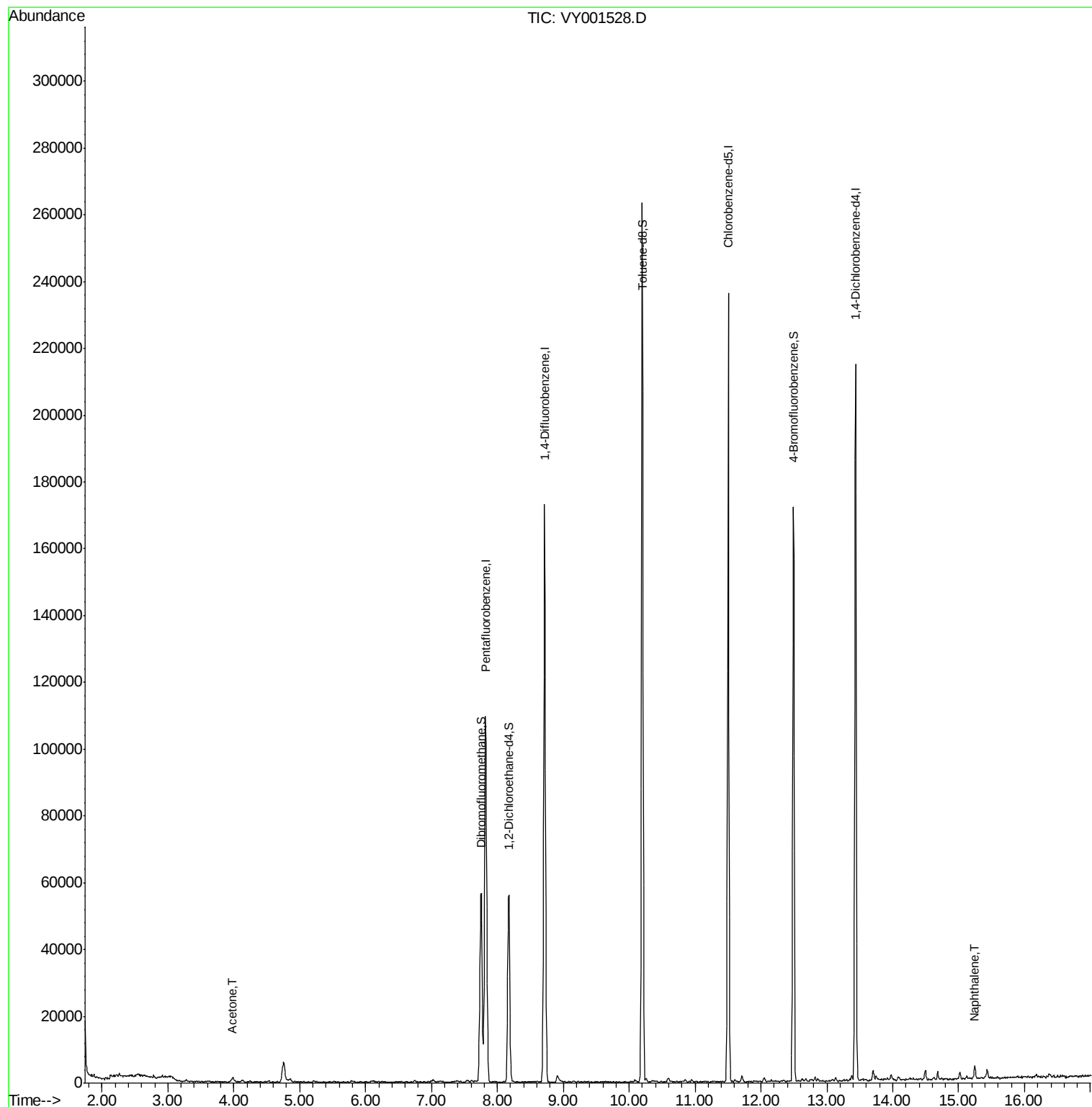
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	83518	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	144474	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	120942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	53102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	43737	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	7.75	113	40889	49.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	10.20	98	169519	53.78	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.49	95	56360	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
Target Compounds						
16) Acetone	3.98	43	2333	9.591	ug/l #	76
95) Naphthalene	15.25	128	3330	1.381	ug/l #	95

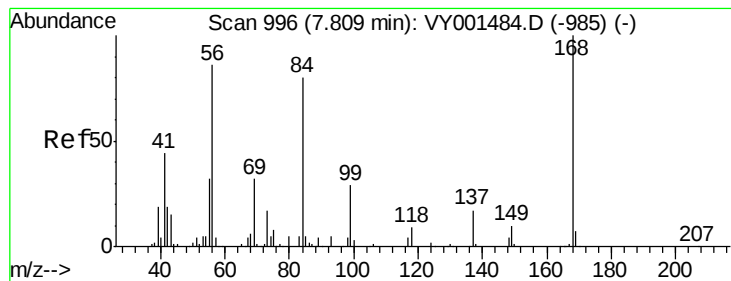
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001528.D

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Instrument :

MSVOA_Y

ClientSampleId :

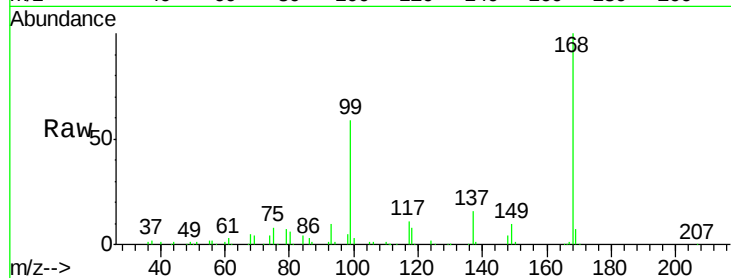
TP-1RE

Tot Ion:168 Resp: 83518

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001528.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001528.D (-947) (-)

7.82

40000

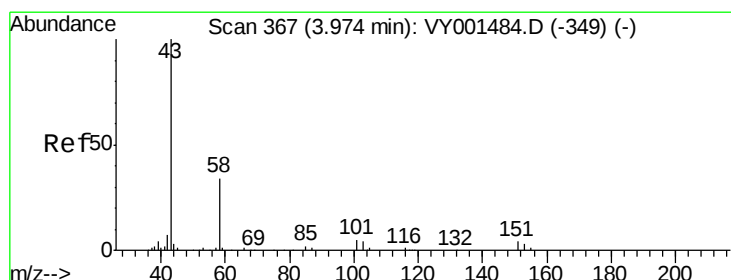
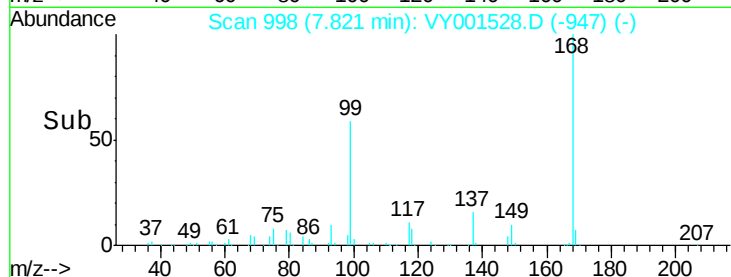
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 9.591 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001528.D

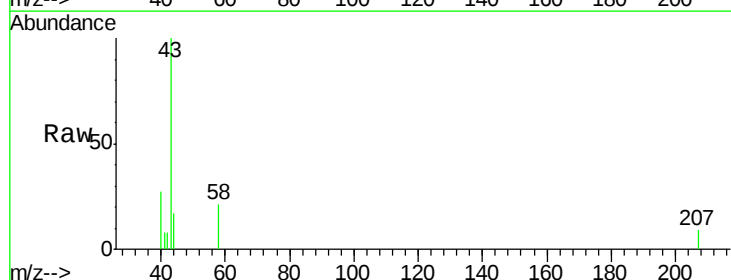
Acq: 06 Feb 2020 14:20

Tgt Ion: 43 Resp: 2333

Ion Ratio Lower Upper

43 100

58 20.8 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001528.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001528.D (-318) (-)

3.98

1000

800

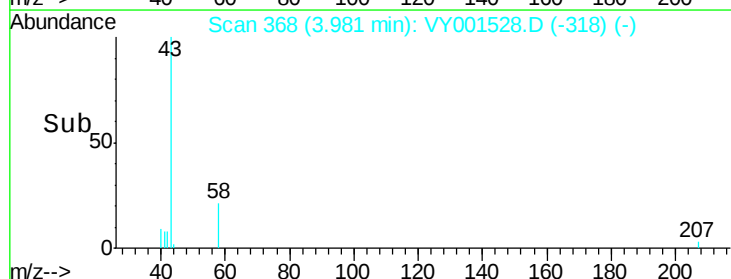
600

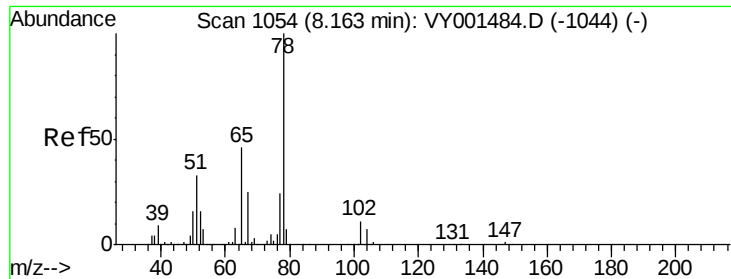
400

200

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.012 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001528.D

Acq: 06 Feb 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

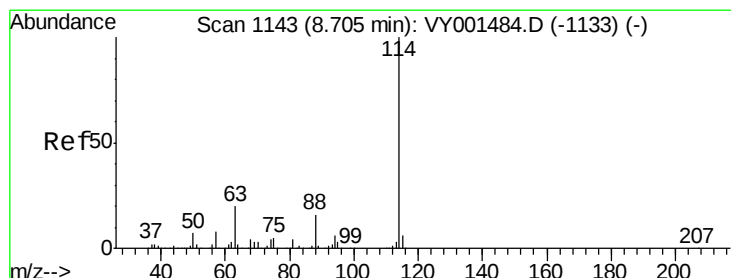
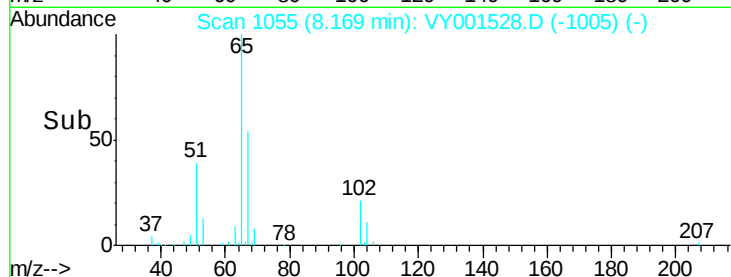
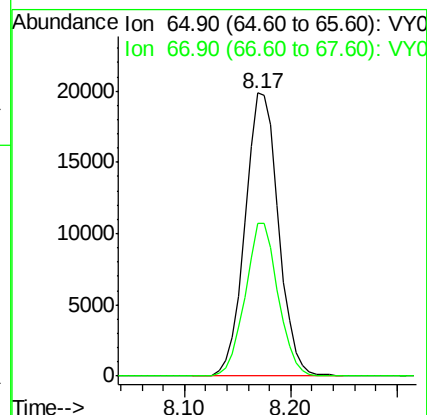
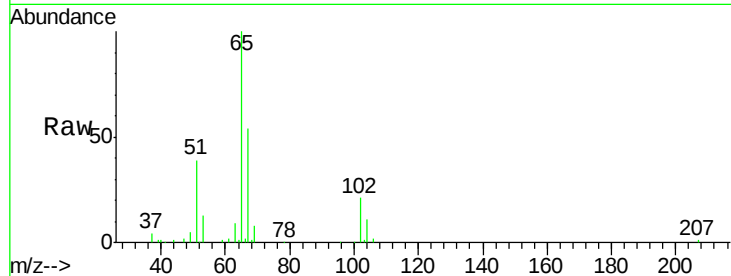
TP-1RE

Tot Ion: 65 Resp: 43737

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001528.D

Acq: 06 Feb 2020 14:20

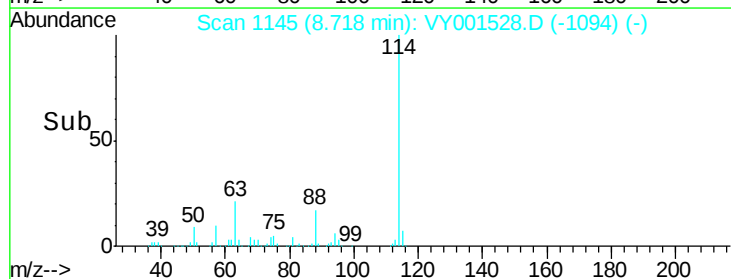
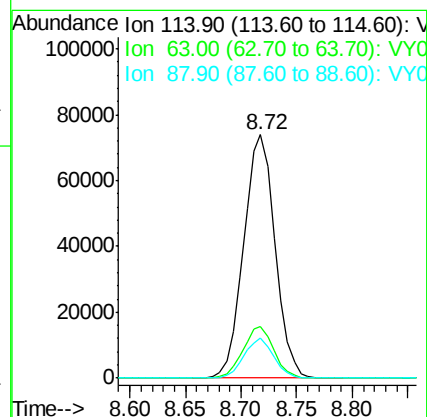
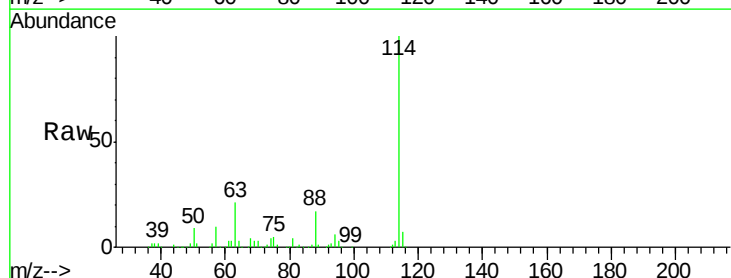
Tgt Ion: 114 Resp: 144474

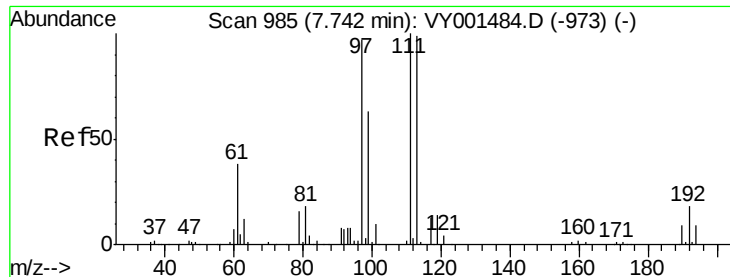
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.8

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.080 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001528.D

Acq: 06 Feb 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-1RE

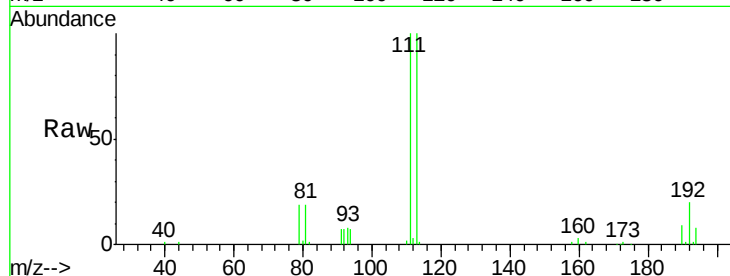
Tot Ion:113 Resp: 40889

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

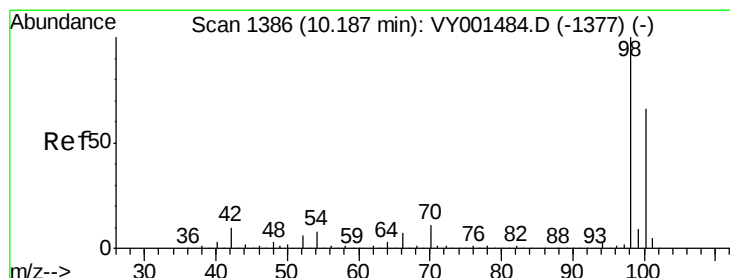
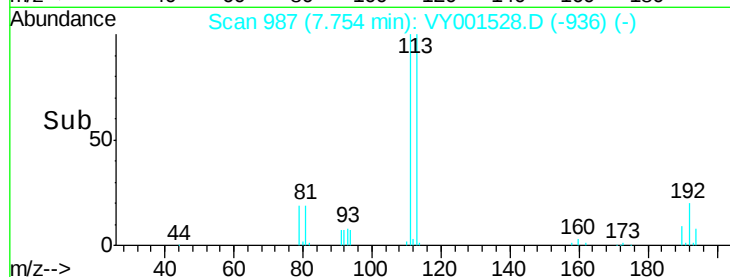
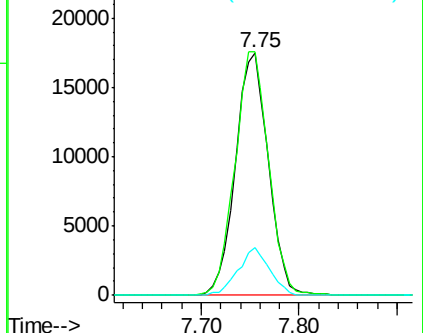
192 18.8 14.6 22.0



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: 53.781 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001528.D

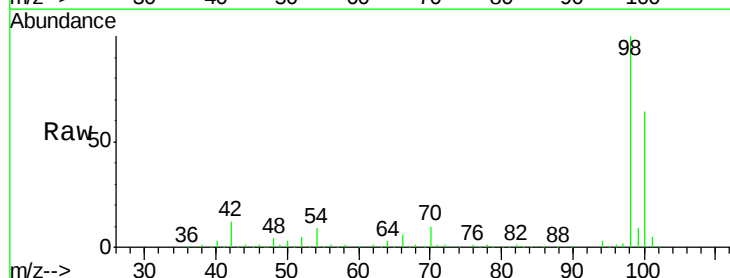
Acq: 06 Feb 2020 14:20

Tgt Ion: 98 Resp: 169519

Ion Ratio Lower Upper

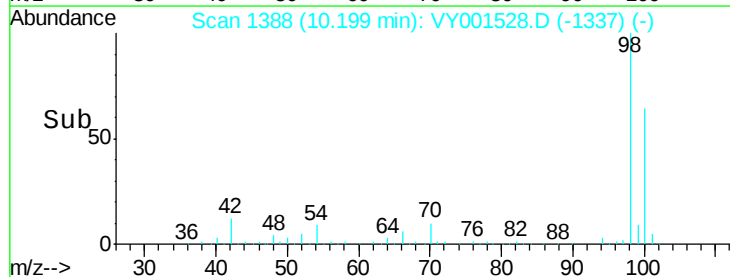
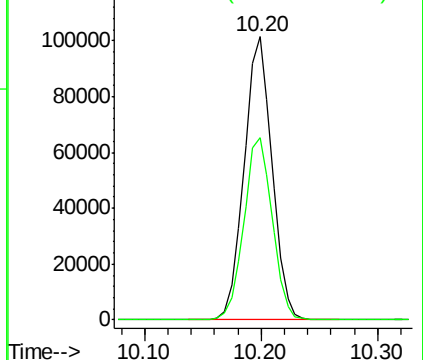
98 100

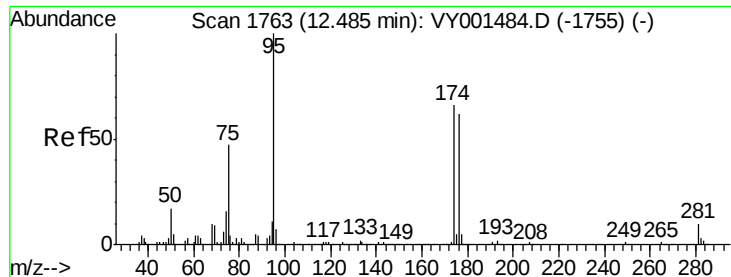
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

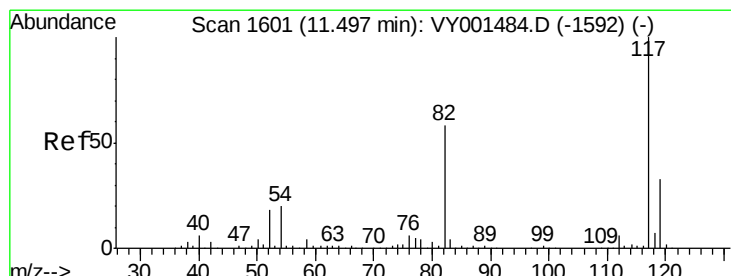
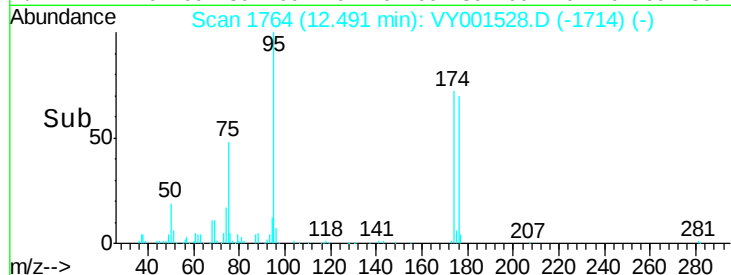
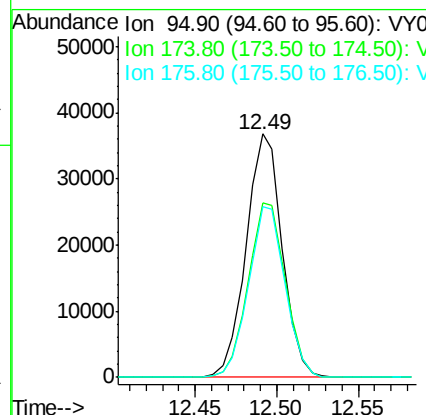
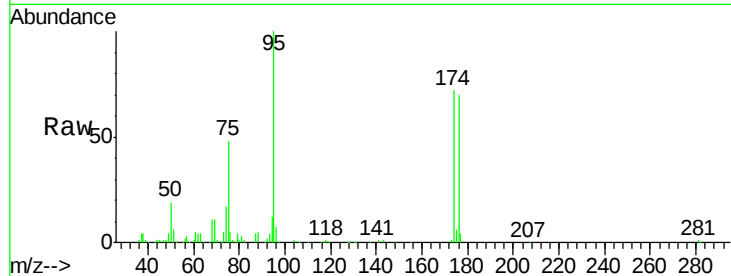




#62
4-Bromofluorobenzene
Concen: 45.389 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001528.D
Acq: 06 Feb 2020 14:20

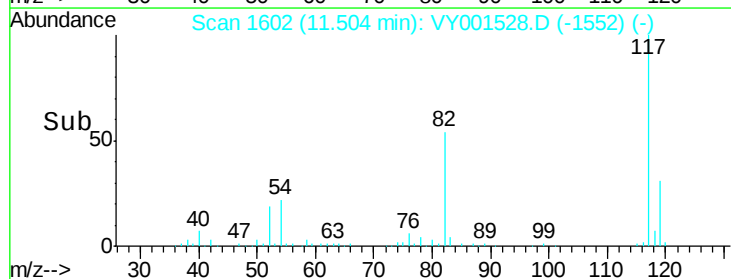
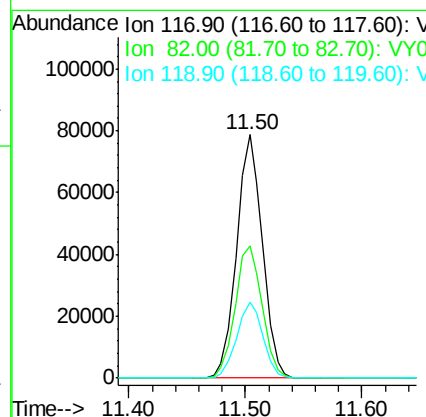
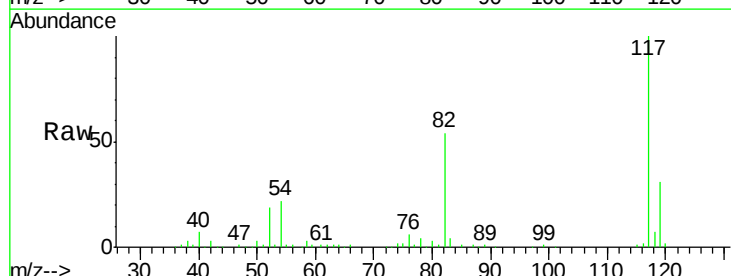
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

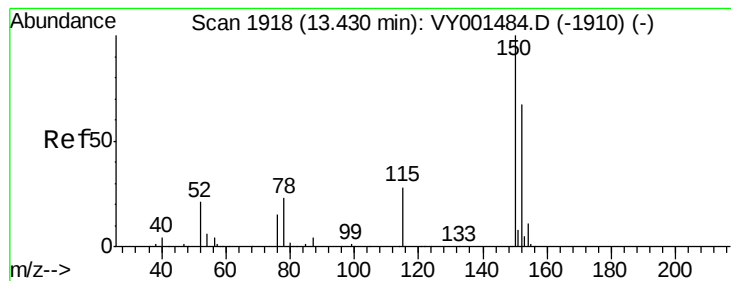
Tot Ion: 95 Resp: 56360
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.4
176 71.6 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001528.D
Acq: 06 Feb 2020 14:20

Tgt Ion: 117 Resp: 120942
Ion Ratio Lower Upper
117 100
82 54.5 46.1 69.1
119 31.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001528.D

Acq: 06 Feb 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-1RE

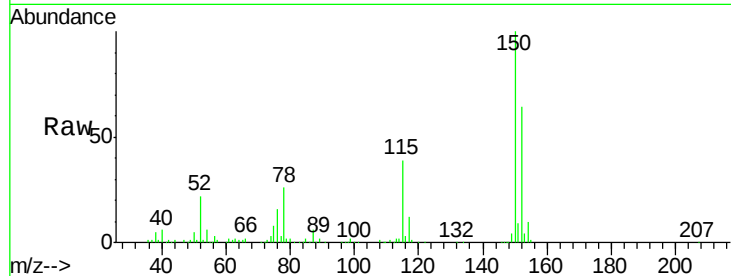
Tot Ion:152 Resp: 53102

Ion Ratio Lower Upper

152 100

115 60.0 31.4 94.3

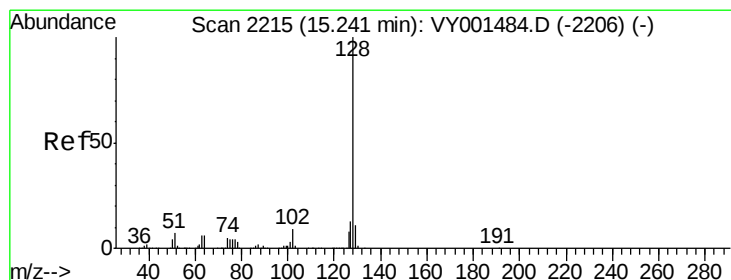
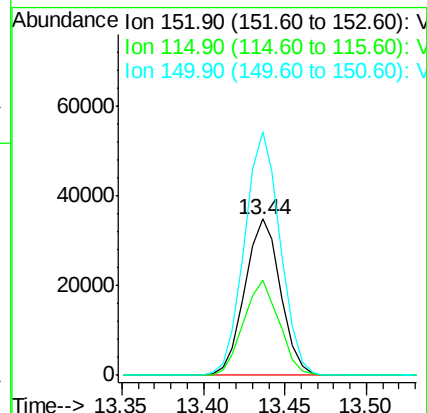
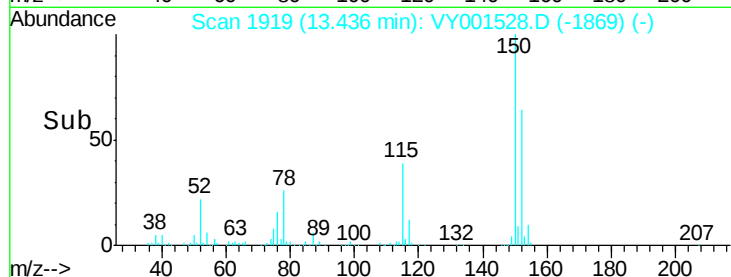
150 155.5 0.0 346.8



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: 1.381 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001528.D

Acq: 06 Feb 2020 14:20

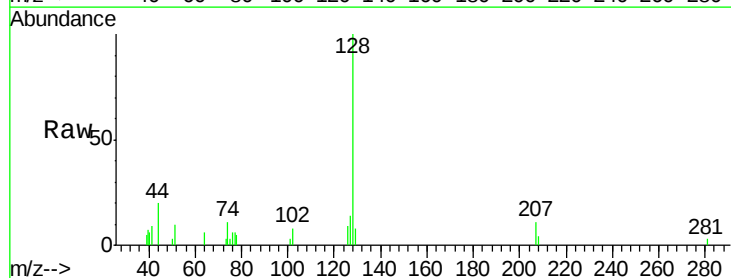
Tgt Ion:128 Resp: 3330

Ion Ratio Lower Upper

128 100

127 15.8 10.1 15.1#

129 11.7 8.9 13.3



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

