

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000286.D
 Acq On : 11 Oct 2019 21:17
 Operator : SY/MD
 Sample : K5323-03
 Misc : 7.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Oct 14 08:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

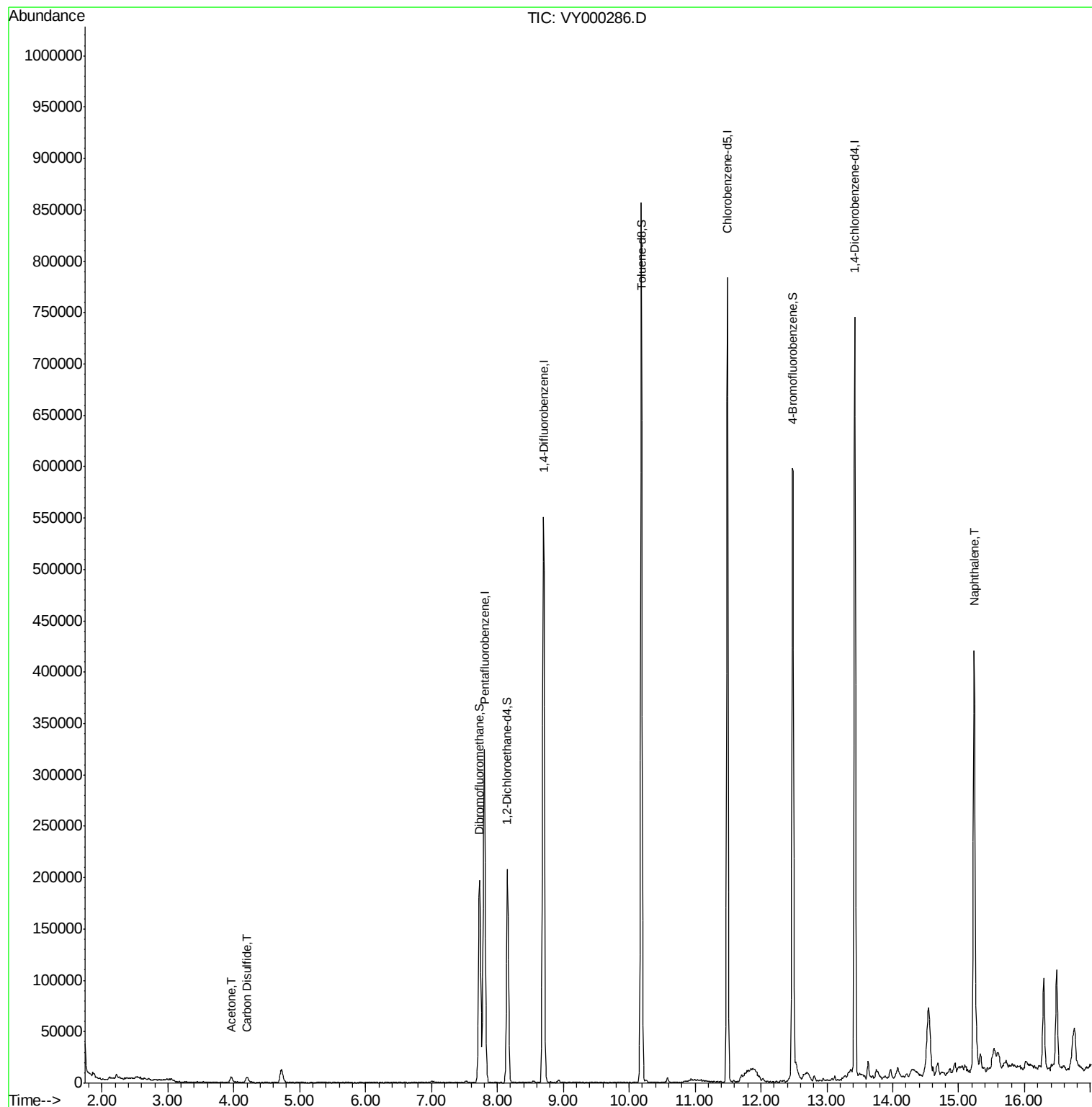
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	249003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	470350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	410030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	157825	60.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.18%	
35) Dibromofluoromethane	7.73	113	139346	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.18	98	548577	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.48	95	182525	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						
16) Acetone	3.96	43	10056	11.822	ug/l #	85
17) Carbon Disulfide	4.19	76	9911	1.252	ug/l #	92
95) Naphthalene	15.23	128	270079	31.949	ug/l	99

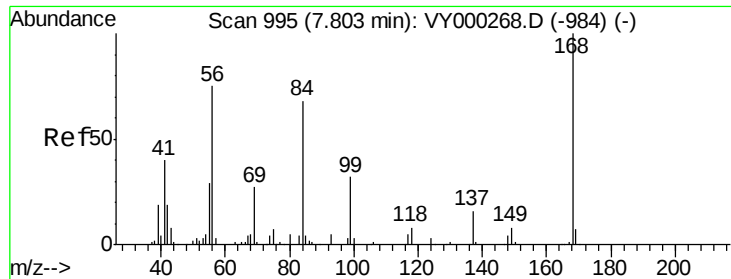
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000286.D

Acq: 11 Oct 2019 21:17

Instrument :

MSVOA_Y

ClientSampled :

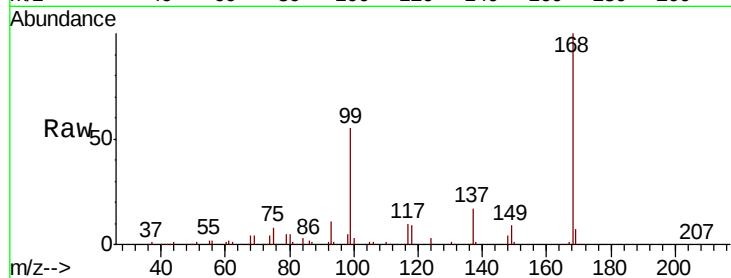
TP-2

Tot Ion:168 Resp: 249003

Ion Ratio Lower Upper

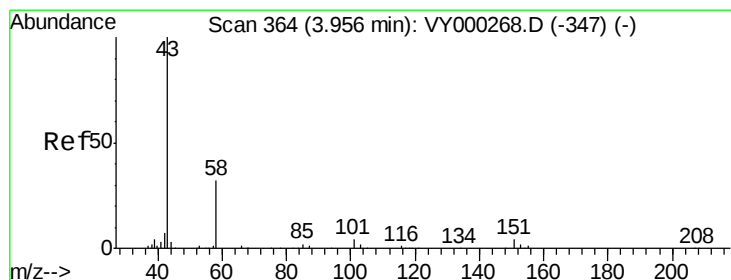
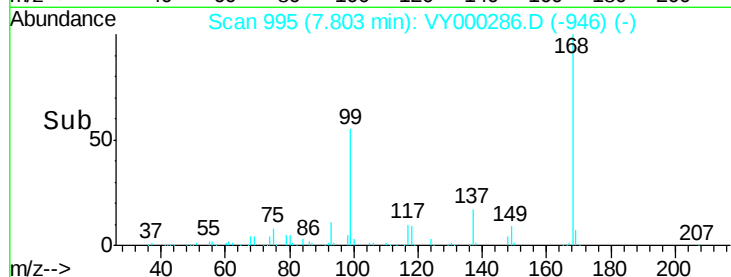
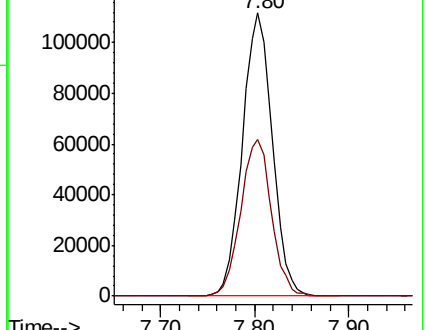
168 100

99 55.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000286.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000286.D (-984) (-)



#16

Acetone

Concen: 11.822 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000286.D

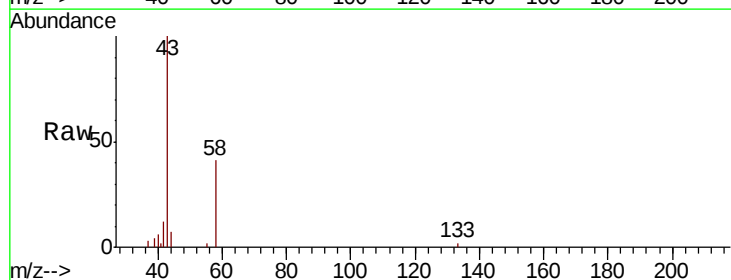
Acq: 11 Oct 2019 21:17

Tgt Ion: 43 Resp: 10056

Ion Ratio Lower Upper

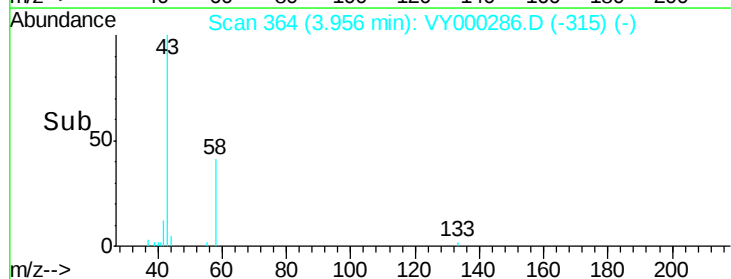
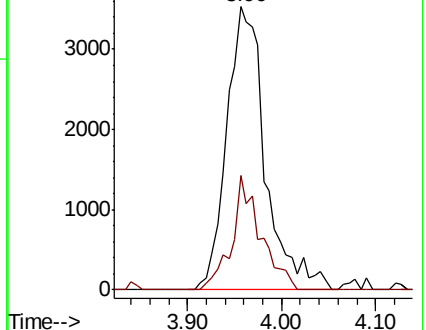
43 100

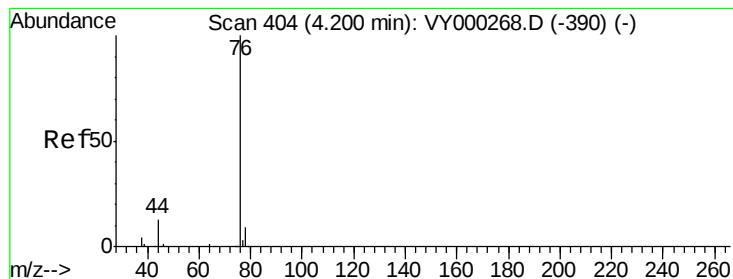
58 40.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000286.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000286.D (-347) (-)





#17

Carbon Disulfide

Concen: 1.252 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.01 min

Lab File: VY000286.D

Acq: 11 Oct 2019 21:17

Instrument :

MSVOA_Y

ClientSampled :

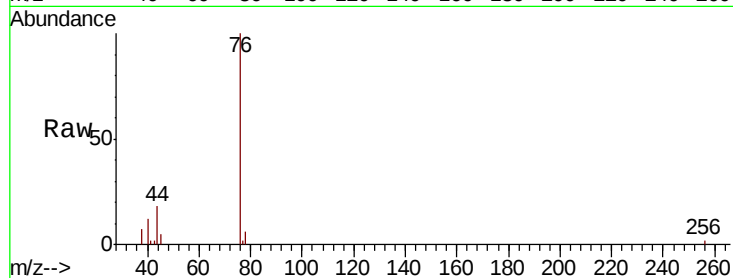
TP-2

Tot Ion: 76 Resp: 9911

Ion Ratio Lower Upper

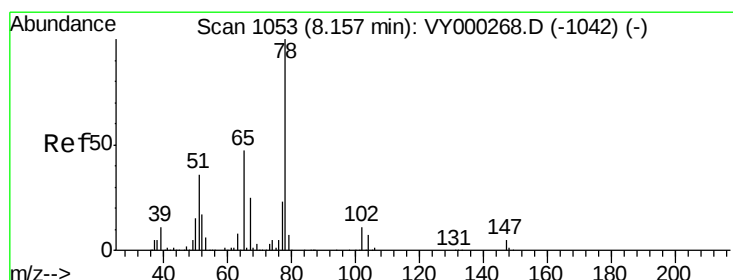
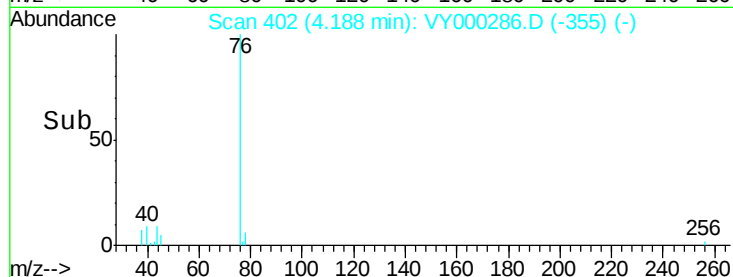
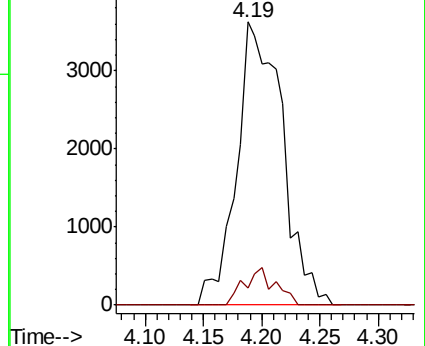
76 100

78 6.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 60.087 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000286.D

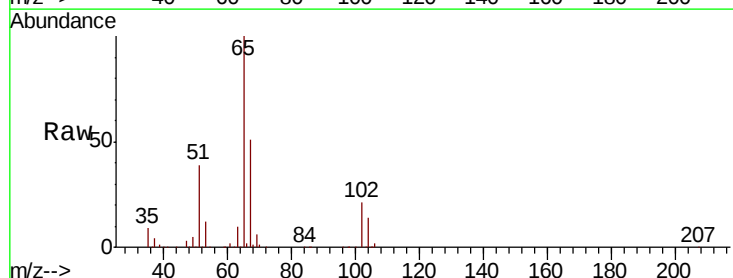
Acq: 11 Oct 2019 21:17

Tgt Ion: 65 Resp: 157825

Ion Ratio Lower Upper

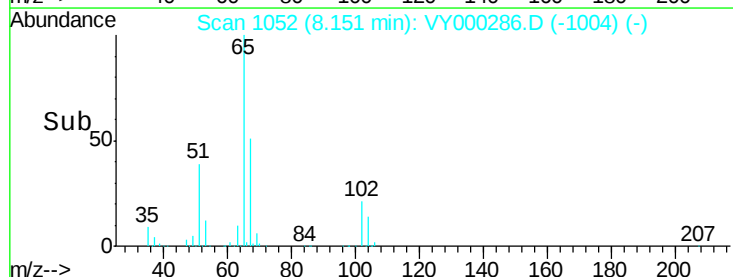
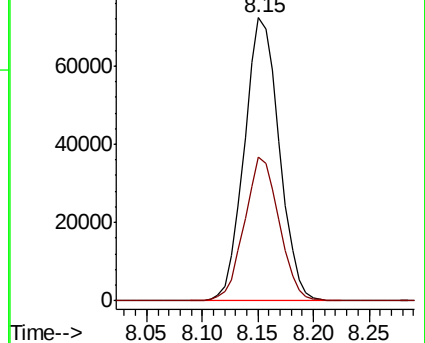
65 100

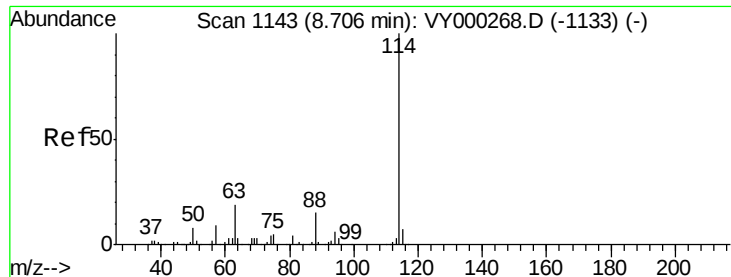
67 50.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

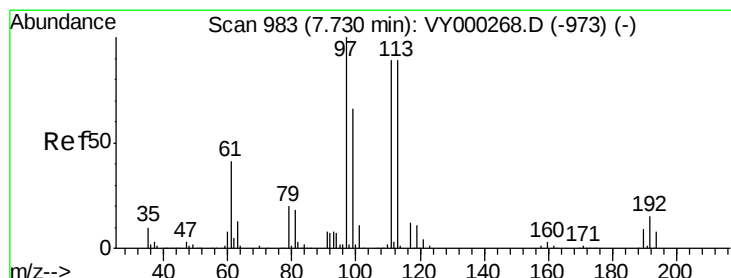
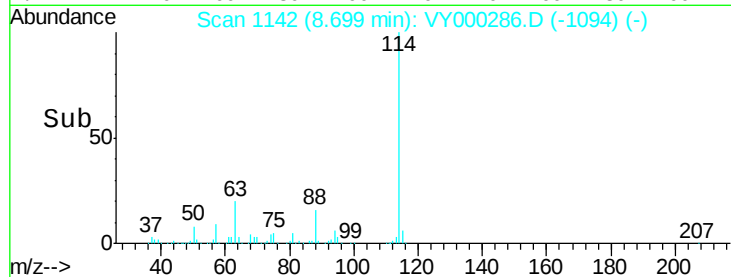
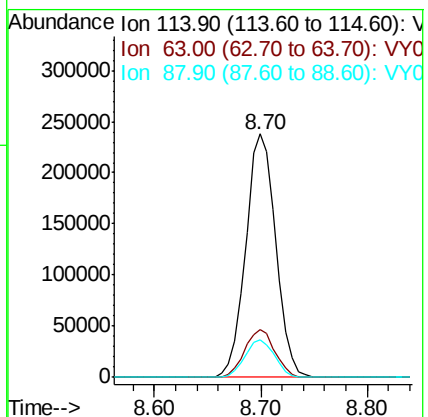
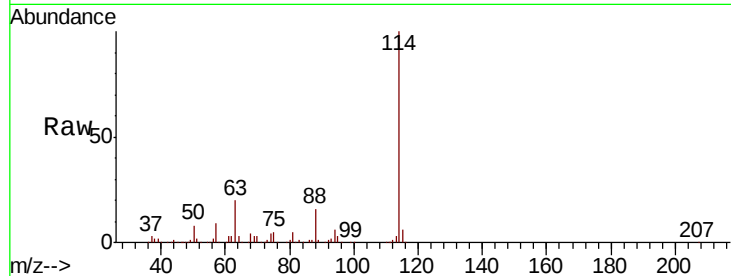




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000286.D
 Acq: 11 Oct 2019 21:17

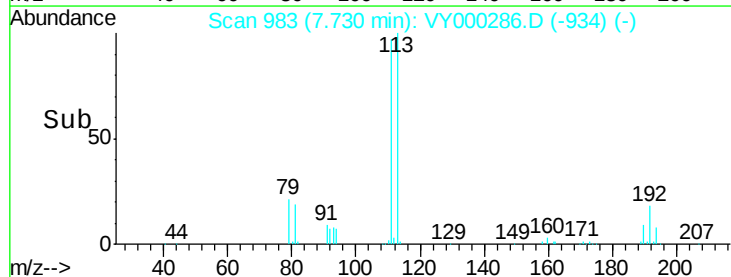
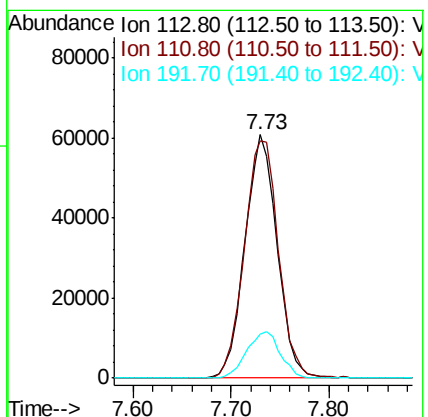
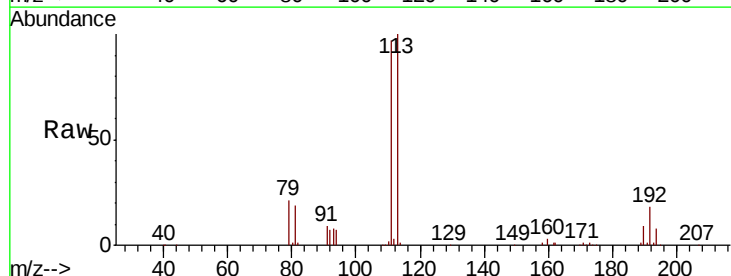
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

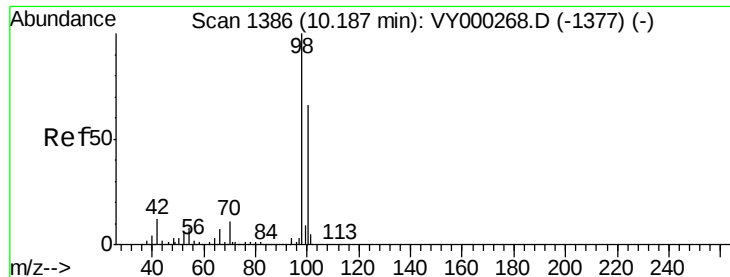
Tot Ion:114 Resp: 470350
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.2
 88 15.5 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 49.114 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000286.D
 Acq: 11 Oct 2019 21:17

Tgt Ion:113 Resp: 139346
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.6 122.4
 192 20.0 15.3 22.9





#50

Toluene-d8

Concen: 50.264 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000286.D

Acq: 11 Oct 2019 21:17

Instrument :

MSVOA_Y

ClientSampleId :

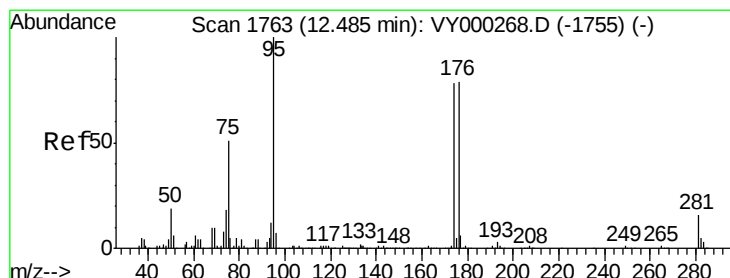
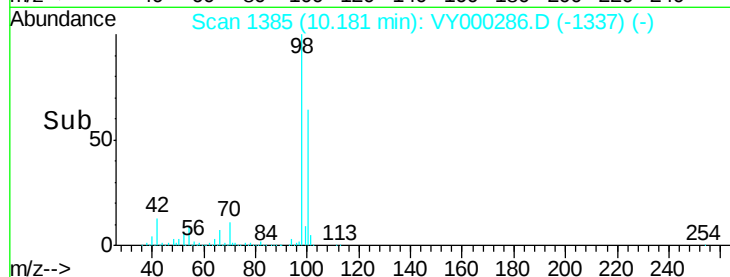
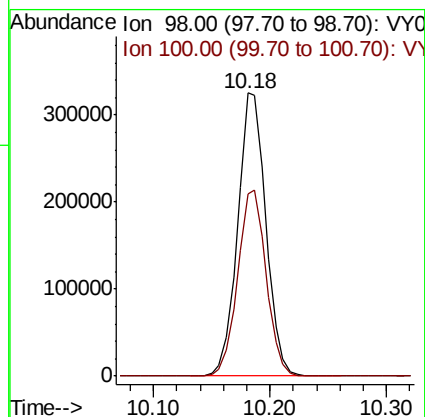
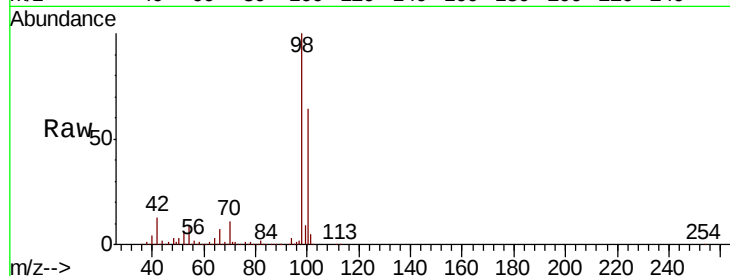
TP-2

Tot Ion: 98 Resp: 548577

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 44.021 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000286.D

Acq: 11 Oct 2019 21:17

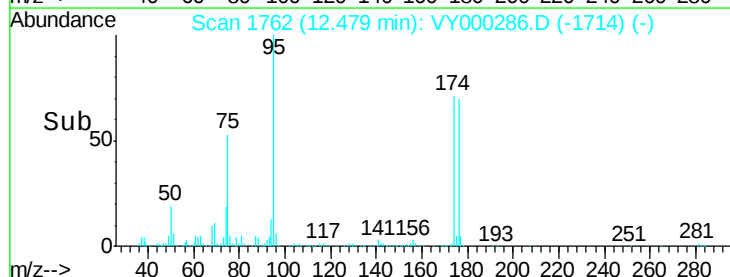
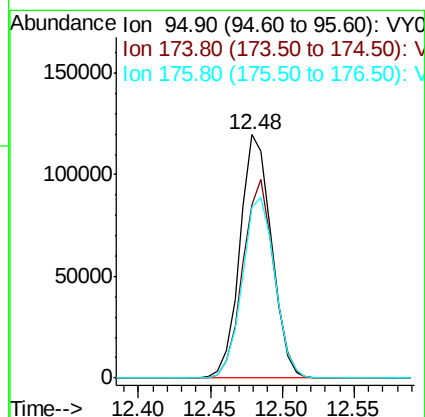
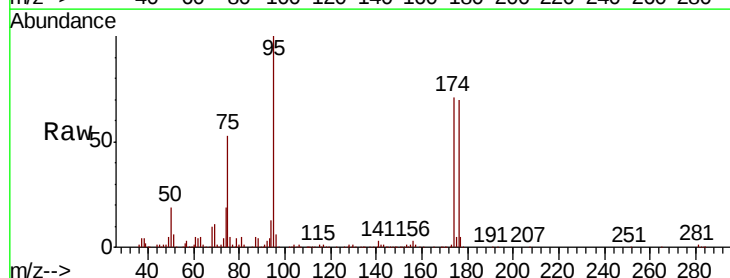
Tgt Ion: 95 Resp: 182525

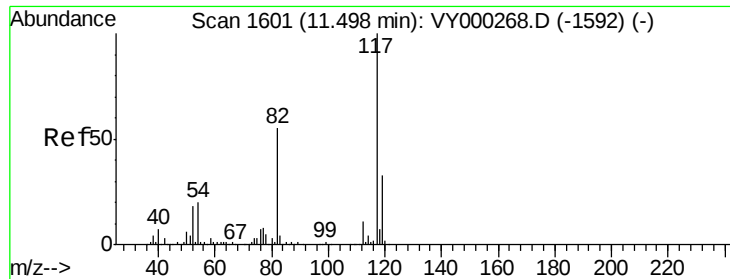
Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

176 76.1 0.0 153.8

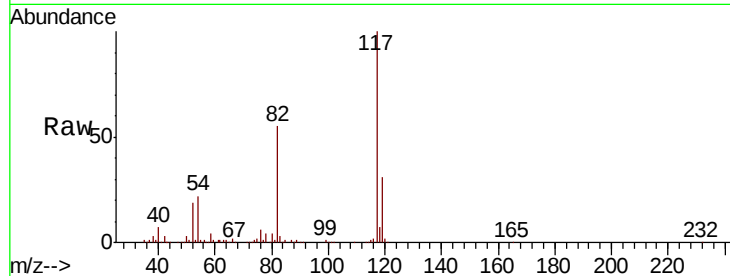




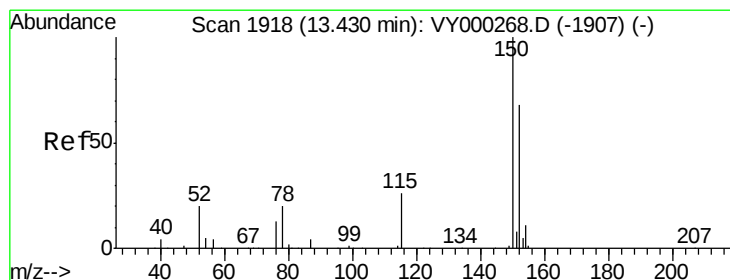
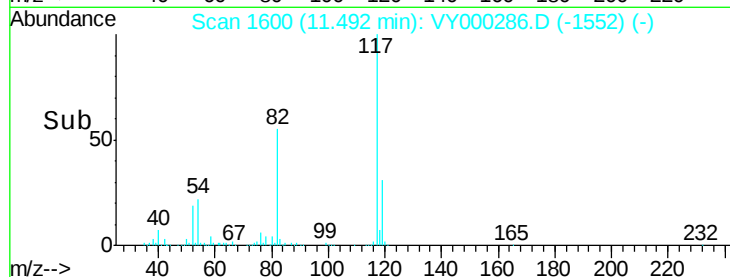
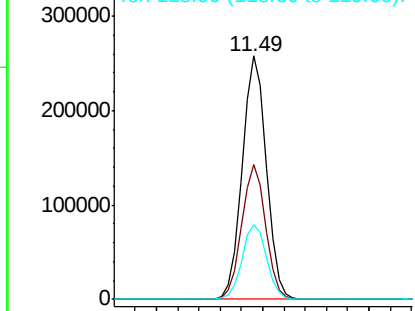
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000286.D
Acq: 11 Oct 2019 21:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tot Ion:117 Resp: 410030
Ion Ratio Lower Upper
117 100
82 55.4 43.7 65.5
119 30.7 26.6 39.8

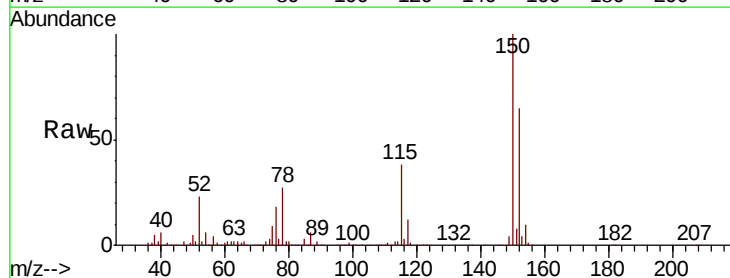


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

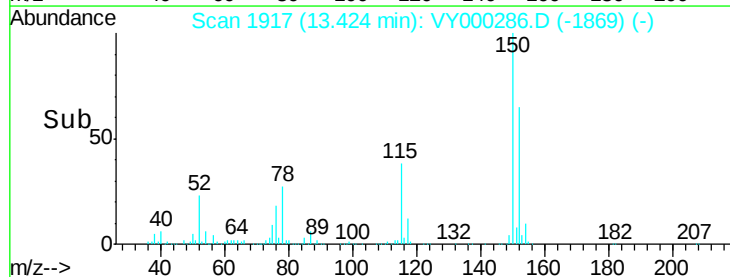
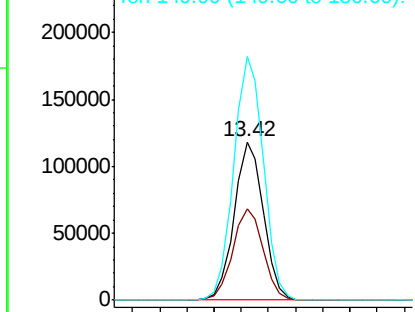


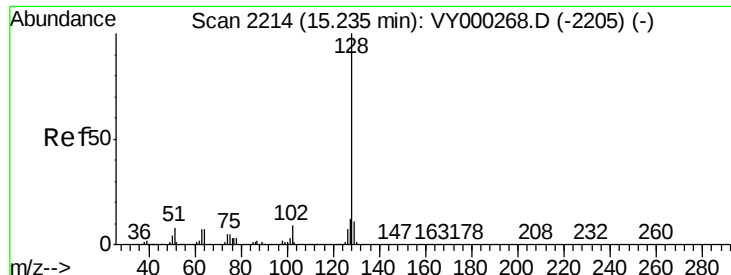
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000286.D
Acq: 11 Oct 2019 21:17

Tgt Ion:152 Resp: 175859
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 157.2 0.0 348.4



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: 31.949 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000286.D

Acq: 11 Oct 2019 21:17

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

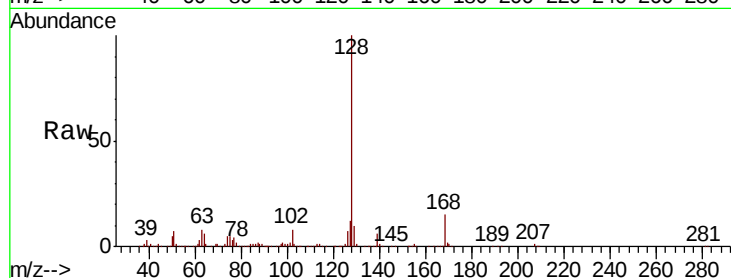
Tot Ion:128 Resp: 270079

Ion Ratio Lower Upper

128 100

127 12.9 9.6 14.4

129 10.7 8.7 13.1



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

