

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000297.D
 Acq On : 14 Oct 2019 14:26
 Operator : SY/MD
 Sample : K5323-01
 Misc : 7.09g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Oct 15 01:55:23 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

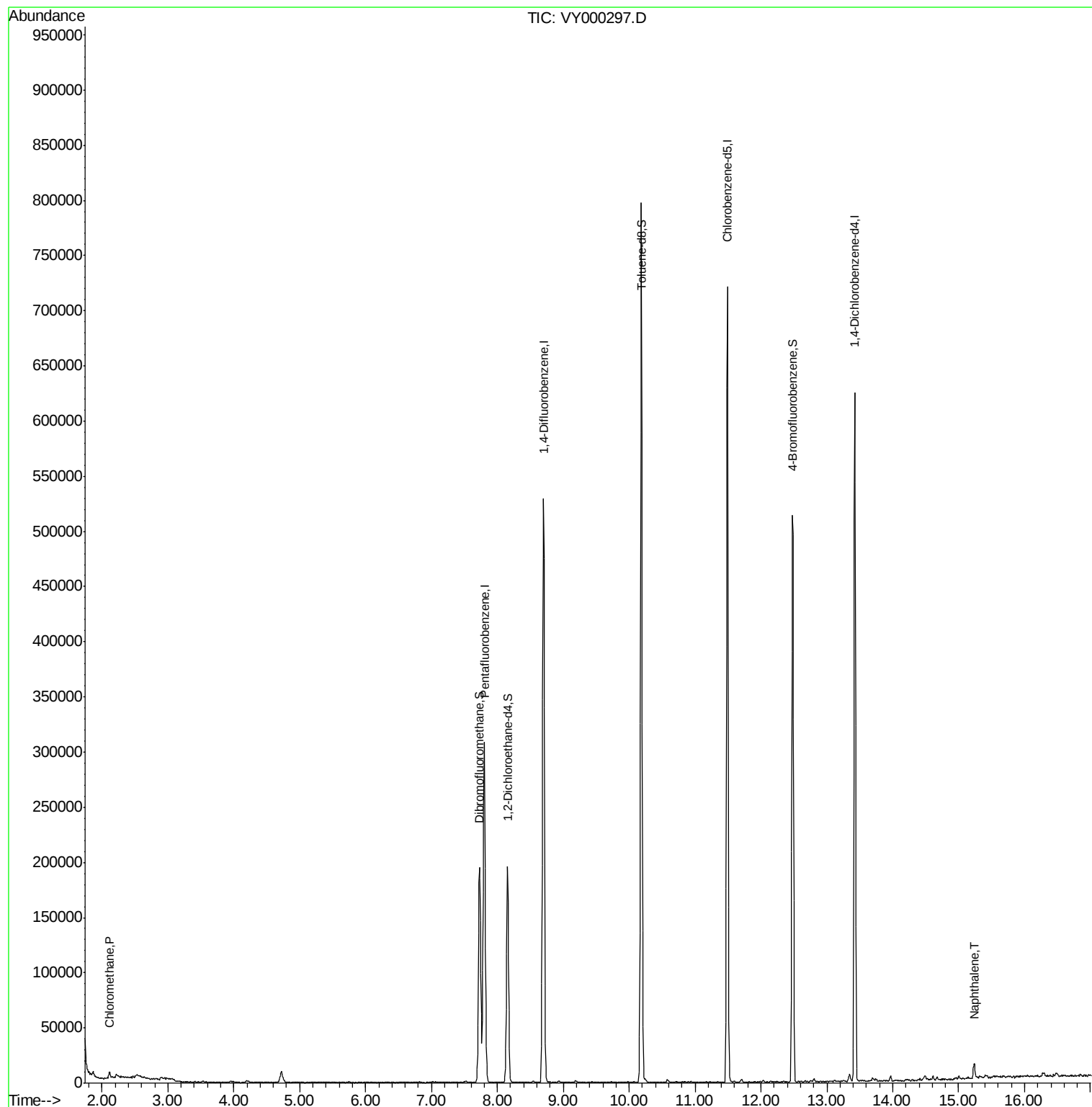
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	453355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	380309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	148967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	151673	60.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.06%	
35) Dibromofluoromethane	7.73	113	137107	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.19	98	516991	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.48	95	162441	40.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.30%	
Target Compounds						
3) Chloromethane	2.11	50	5095	1.741	ug/l	95
95) Naphthalene	15.23	128	10526	1.470	ug/l	96

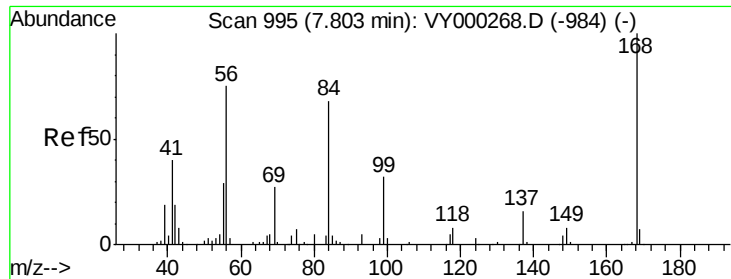
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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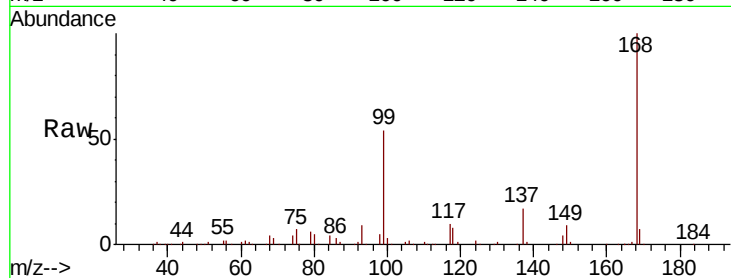




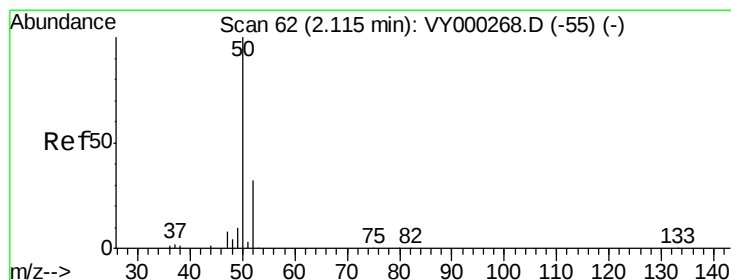
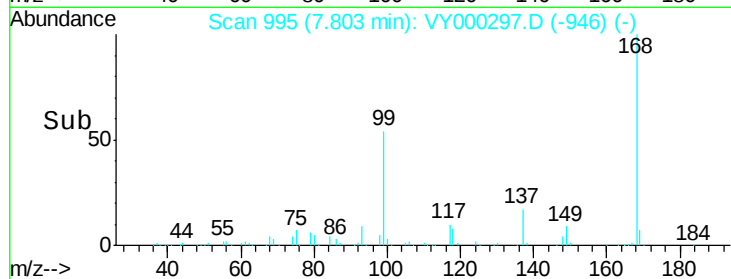
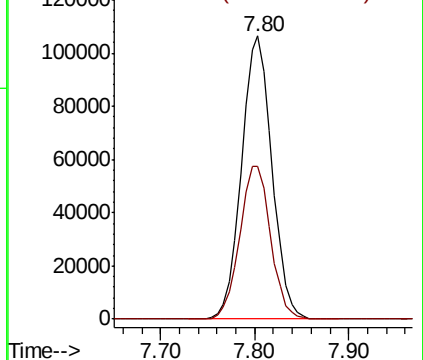
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY000297.D
Acq: 14 Oct 2019 14:26

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tot Ion:168 Resp: 239535
Ion Ratio Lower Upper
168 100
99 53.8 46.6 69.8

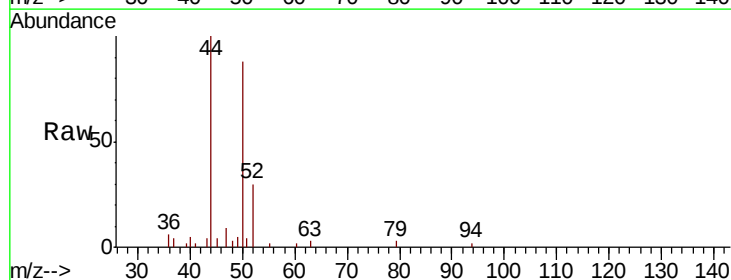


Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)
Ion 98.90 (98.60 to 99.60): VY000297.D (-946) (-)

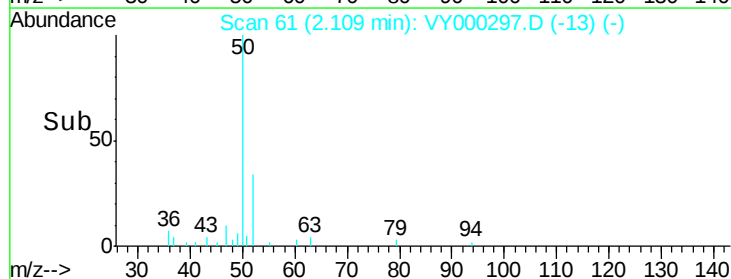
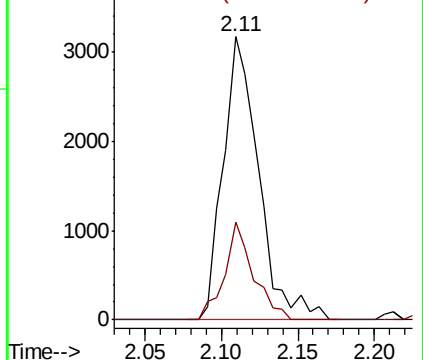


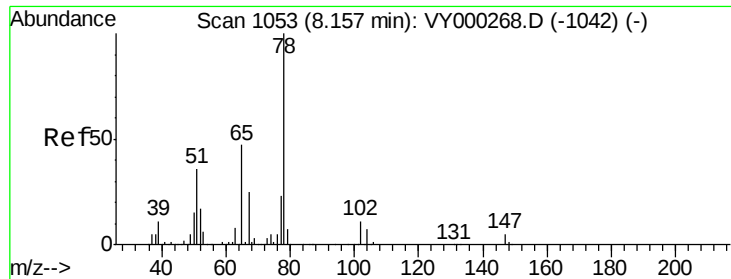
#3
Chloromethane
Concen: 1.741 ug/l
RT: 2.11 min Scan# 61
Delta R.T. -0.01 min
Lab File: VY000297.D
Acq: 14 Oct 2019 14:26

Tgt Ion: 50 Resp: 5095
Ion Ratio Lower Upper
50 100
52 34.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY000268.D (-55) (-)
Ion 51.90 (51.60 to 52.60): VY000297.D (-13) (-)

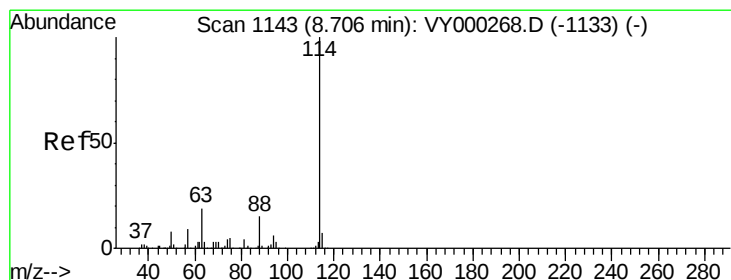
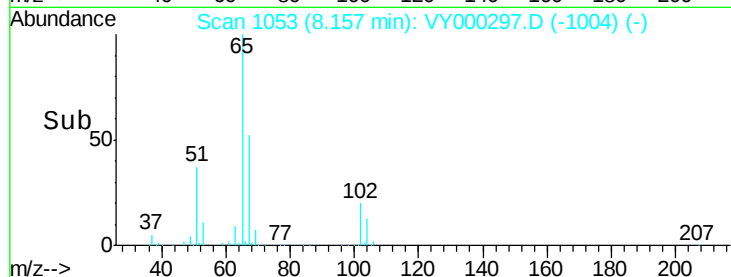
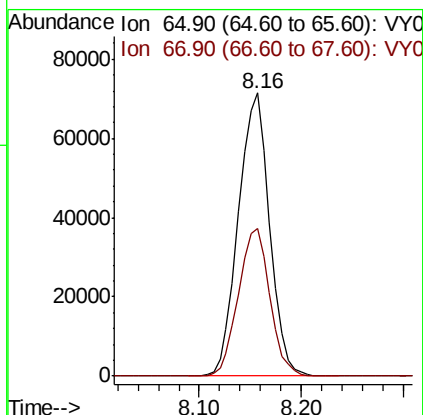
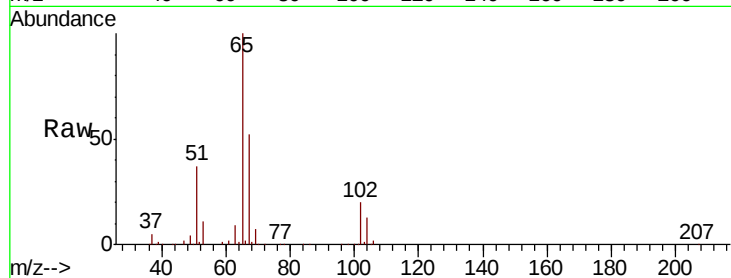




#33
 1,2-Dichloroethane-d4
 Concen: 60.028 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000297.D
 Acq: 14 Oct 2019 14:26

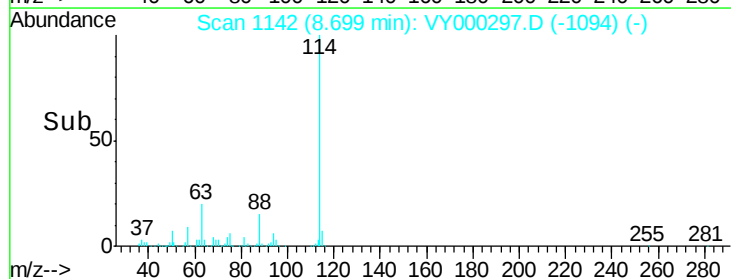
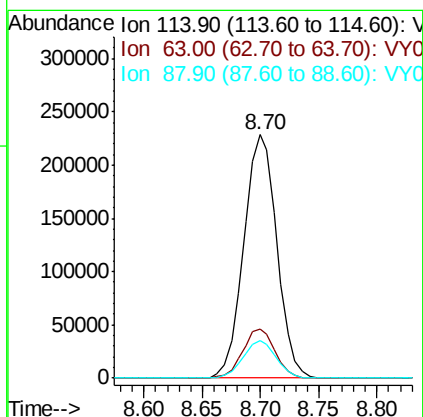
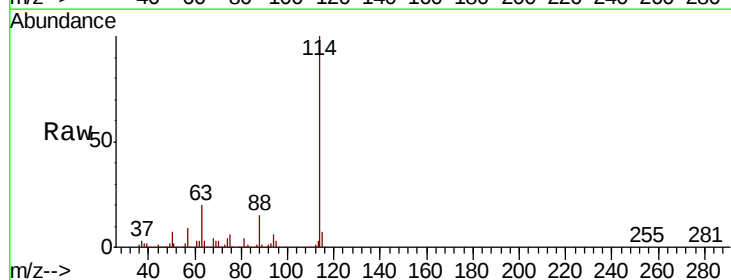
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

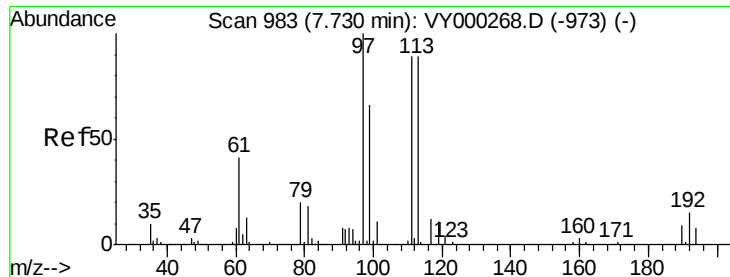
Tot Ion: 65 Resp: 151673
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000297.D
 Acq: 14 Oct 2019 14:26

Tgt Ion: 114 Resp: 453355
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.2
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.136 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000297.D

Acq: 14 Oct 2019 14:26

Instrument :

MSVOA_Y

ClientSampled :

TP-1

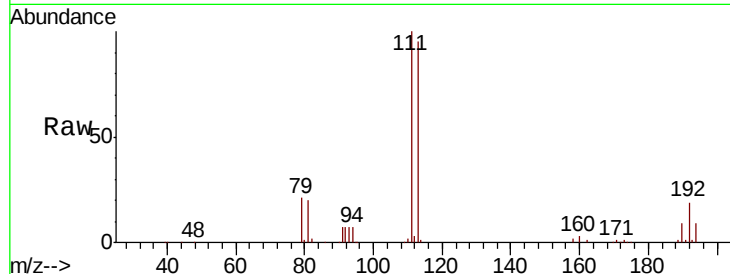
Tot Ion:113 Resp: 137107

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

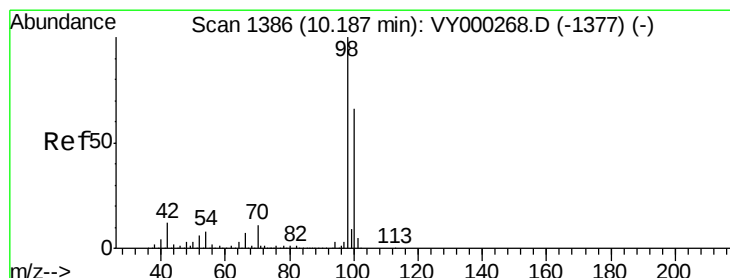
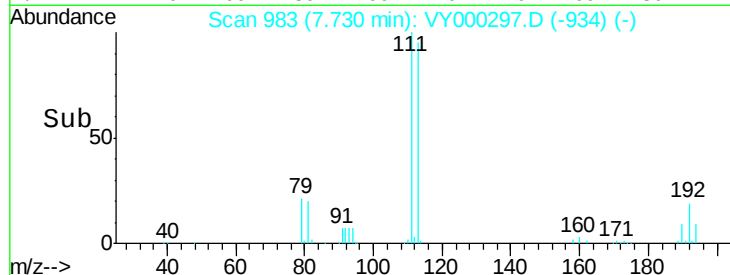
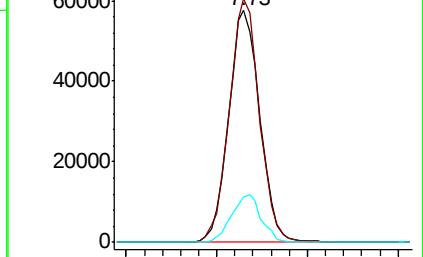
192 19.7 15.3 22.9



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: 49.146 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000297.D

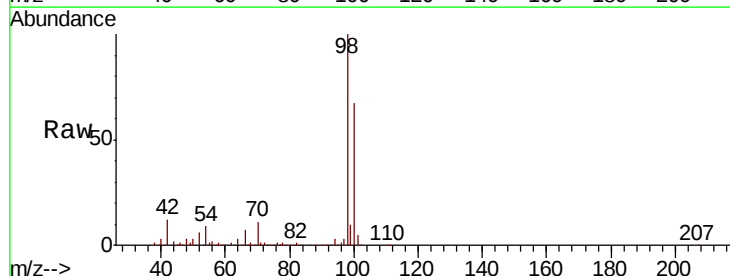
Acq: 14 Oct 2019 14:26

Tgt Ion: 98 Resp: 516991

Ion Ratio Lower Upper

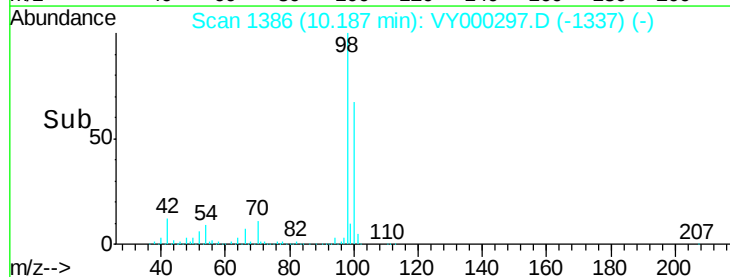
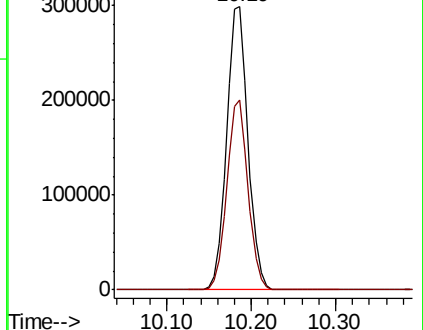
98 100

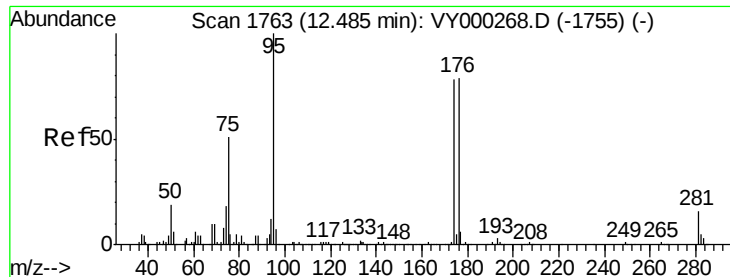
100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

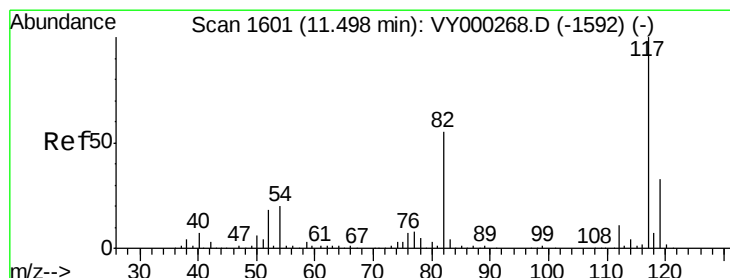
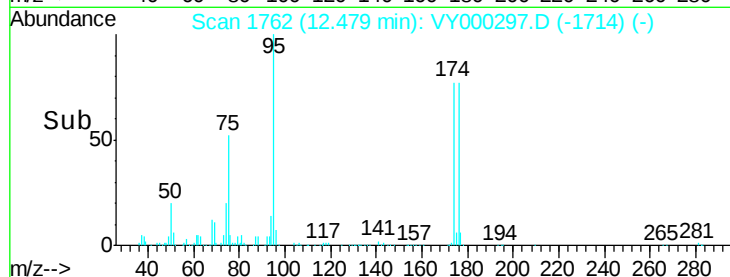
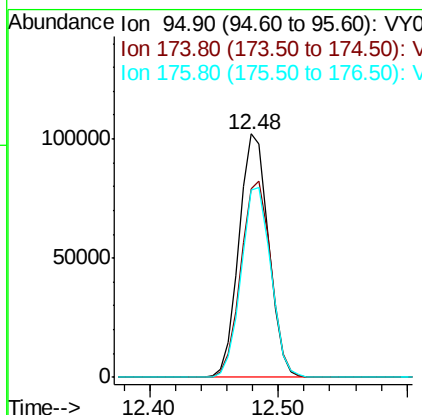
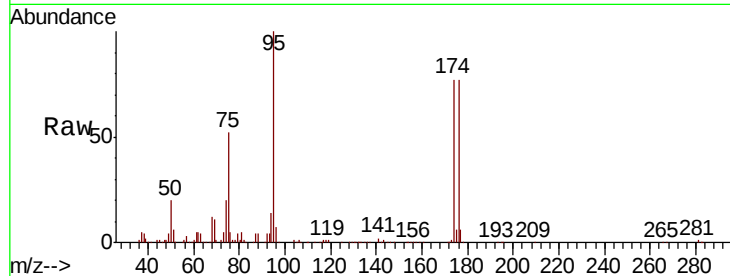




#62
4-Bromofluorobenzene
Concen: 40.646 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000297.D
Acq: 14 Oct 2019 14:26

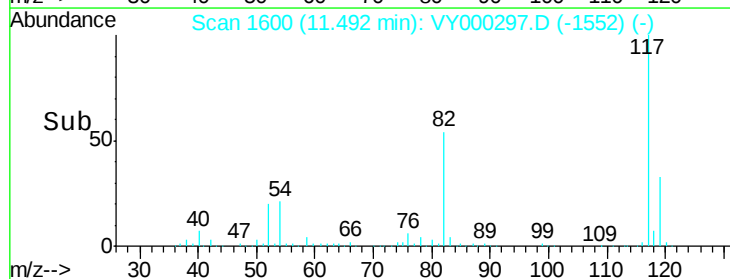
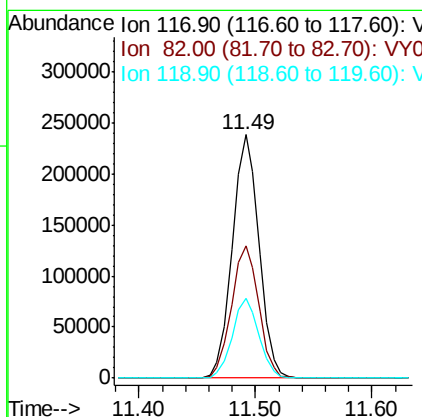
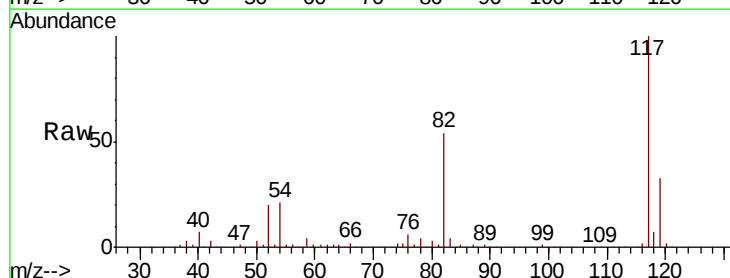
Instrument :
MSVOA_Y
ClientSampled :
TP-1

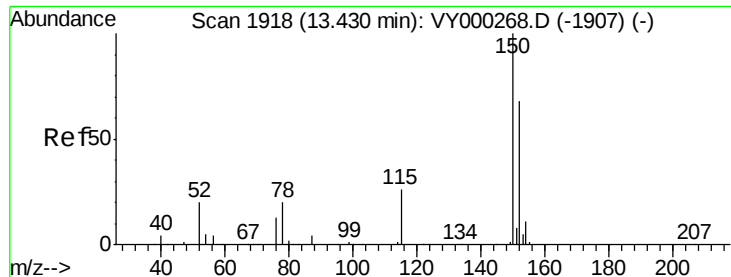
Tot Ion: 95 Resp: 162441
Ion Ratio Lower Upper
95 100
174 81.4 0.0 159.6
176 78.0 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000297.D
Acq: 14 Oct 2019 14:26

Tgt Ion: 117 Resp: 380309
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 32.6 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000297.D

Acq: 14 Oct 2019 14:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

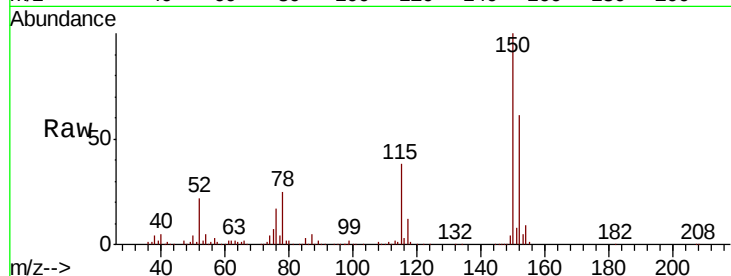
Tot Ion:152 Resp: 148967

Ion Ratio Lower Upper

152 100

115 60.5 29.3 88.0

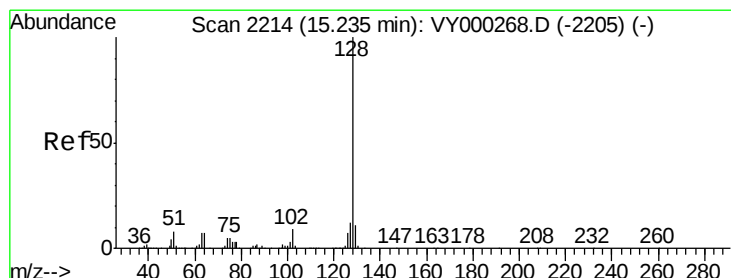
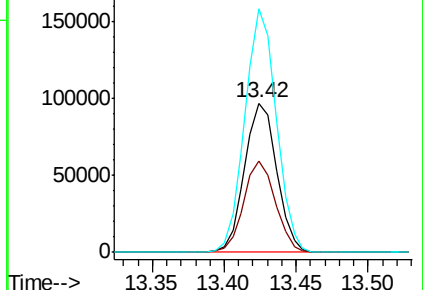
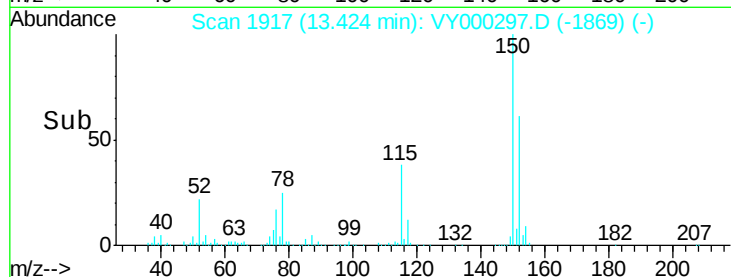
150 159.7 0.0 348.4



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: 1.470 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000297.D

Acq: 14 Oct 2019 14:26

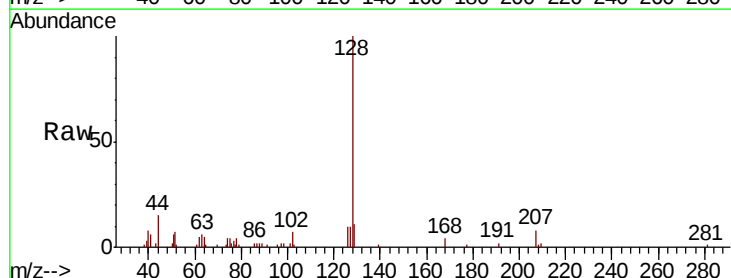
Tgt Ion:128 Resp: 10526

Ion Ratio Lower Upper

128 100

127 13.3 9.6 14.4

129 12.9 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

