

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
 Data File : VY000338.D
 Acq On : 17 Oct 2019 12:02
 Operator : SY/MD
 Sample : K5153-01
 Misc : 6.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-101619

Quant Time: Oct 17 18:12:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

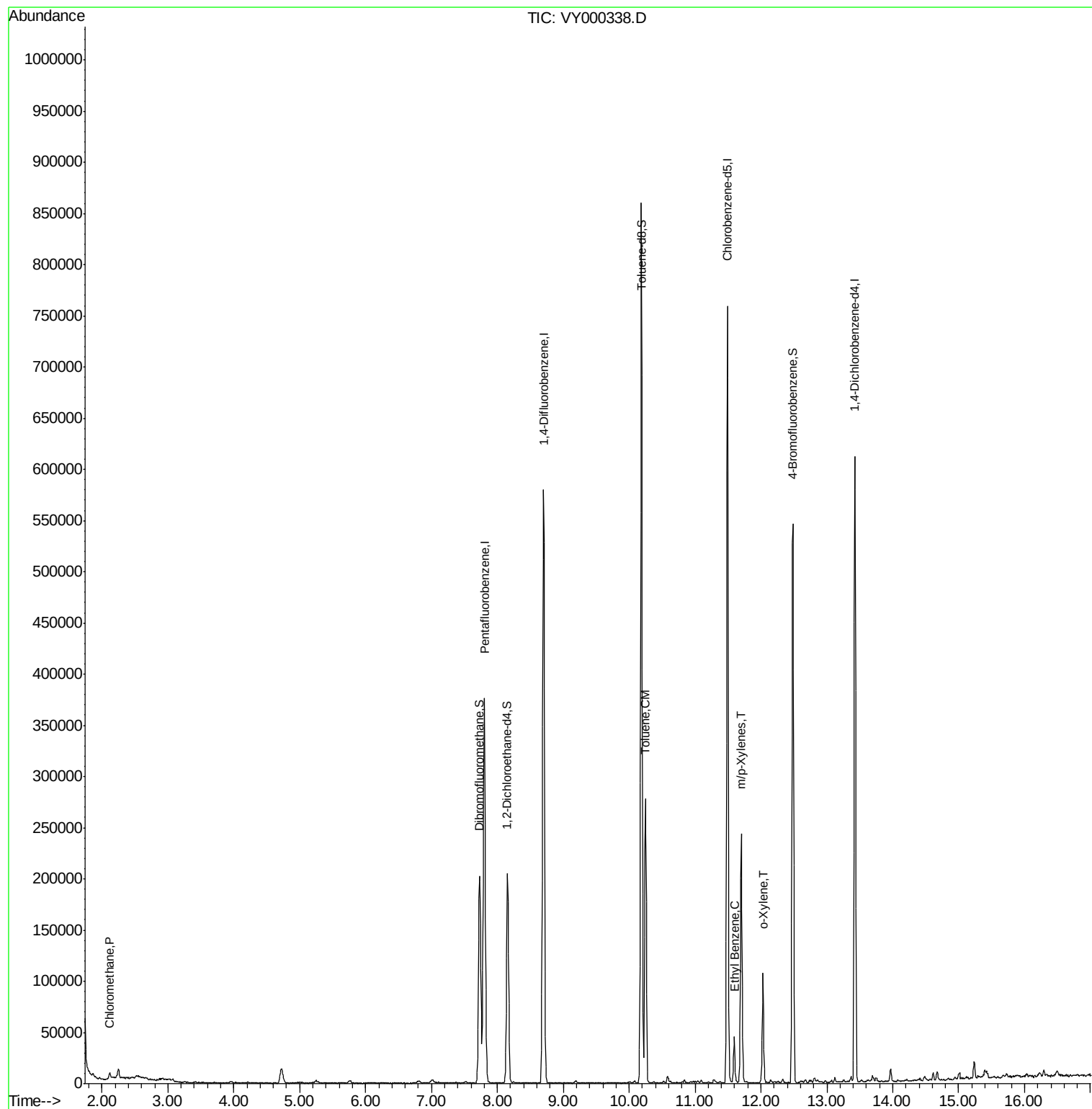
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	291651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	489048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	398990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	150468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	161739	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	7.73	113	139982	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	10.19	98	554790	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.48	95	167675	38.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.78%	
Target Compounds						
3) Chloromethane	2.12	50	4105	1.152	ug/l	93
52) Toluene	10.25	92	112149	12.766	ug/l	97
67) Ethyl Benzene	11.60	91	29434	1.886	ug/l	100
68) m/p-Xylenes	11.70	106	74311	12.453	ug/l	100
69) o-Xylene	12.03	106	28380	4.985	ug/l	98

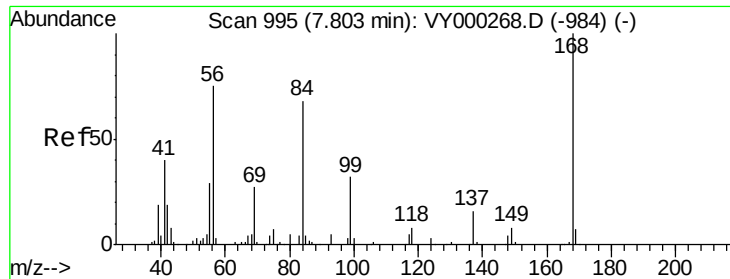
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000338.D

Acq: 17 Oct 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

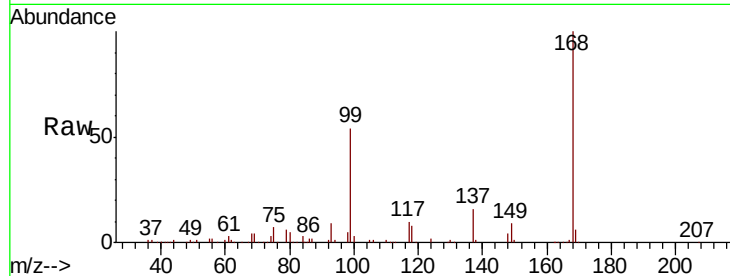
TR-04-101619

Tot Ion:168 Resp: 291651

Ion Ratio Lower Upper

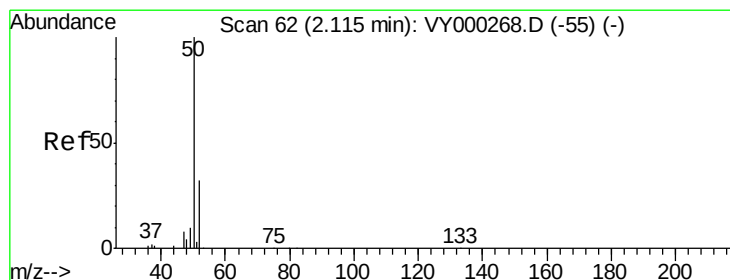
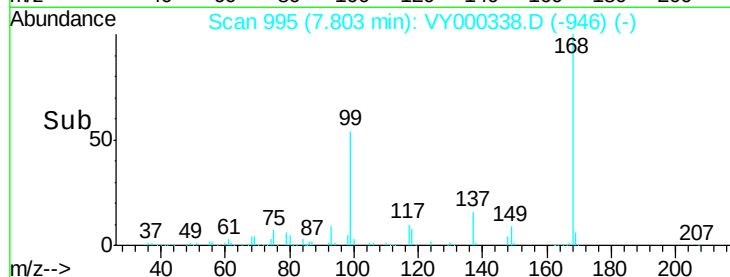
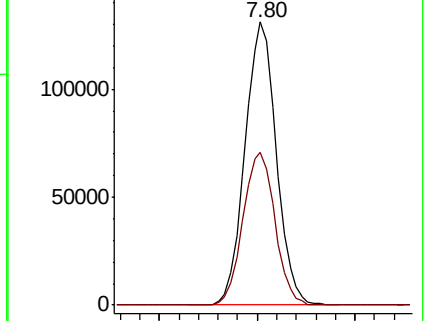
168 100

99 54.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000338.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000338.D (-946) (-)



#3

Chloromethane

Concen: 1.152 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000338.D

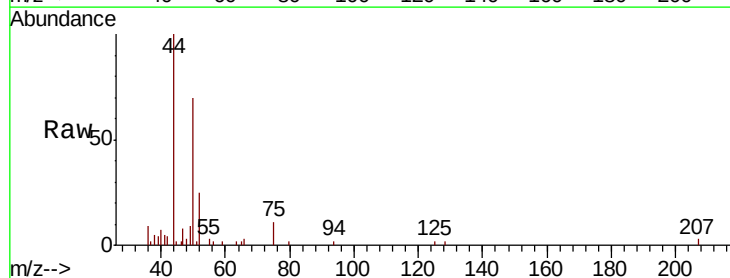
Acq: 17 Oct 2019 12:02

Tgt Ion: 50 Resp: 4105

Ion Ratio Lower Upper

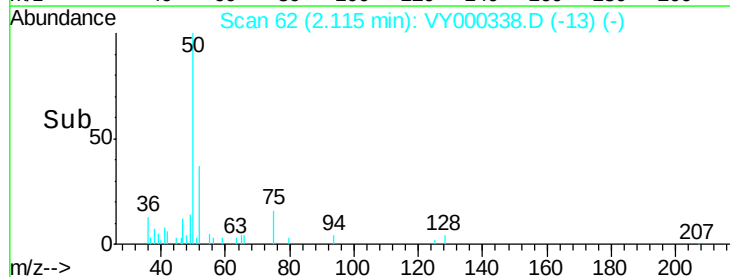
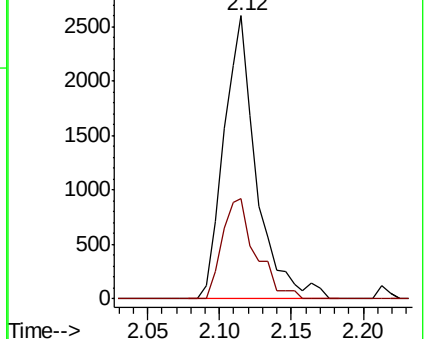
50 100

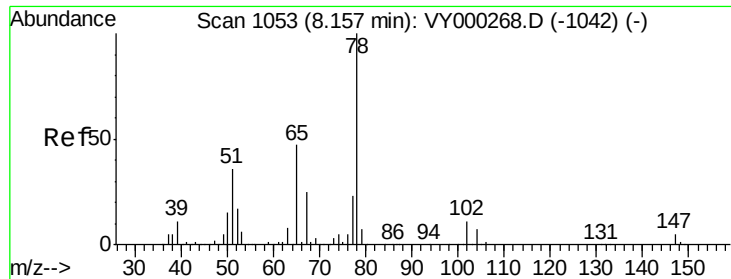
52 35.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY000338.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000338.D (-13) (-)

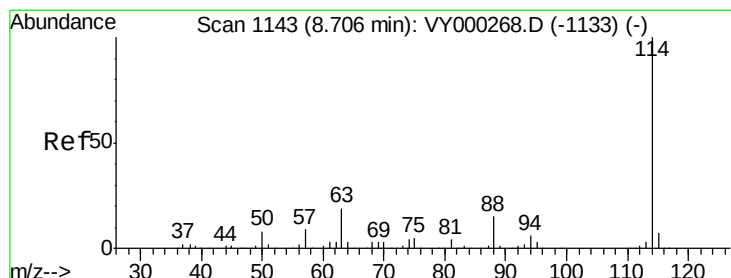
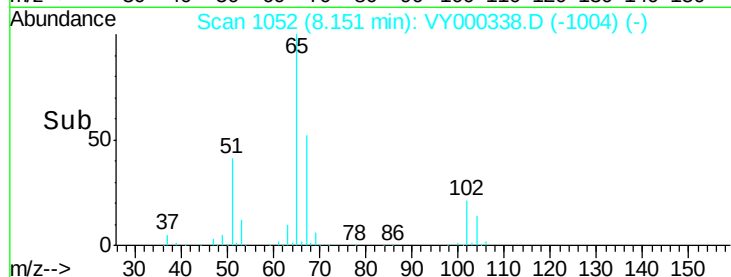
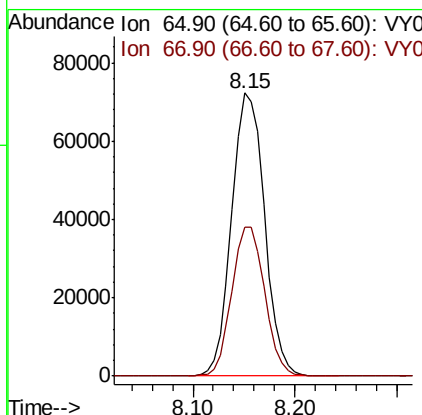
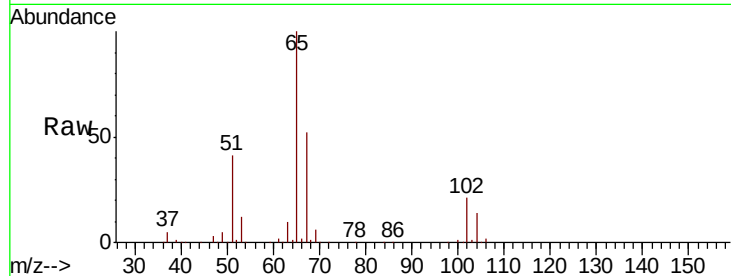




#33
 1,2-Dichloroethane-d4
 Concen: 52.573 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000338.D
 Acq: 17 Oct 2019 12:02

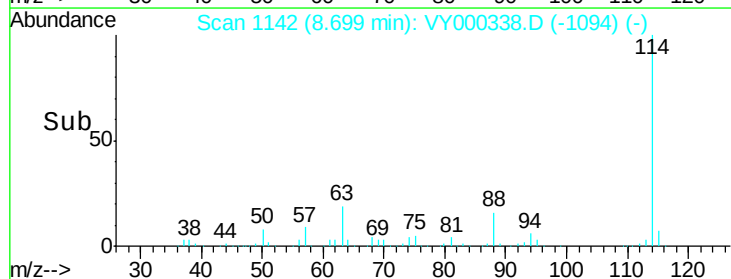
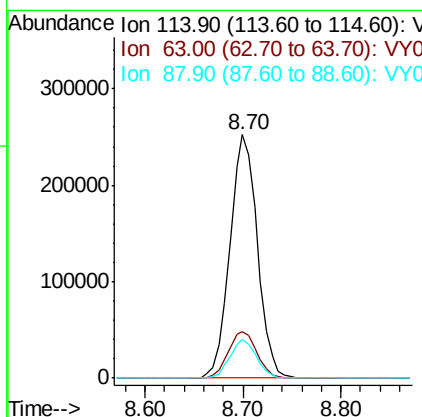
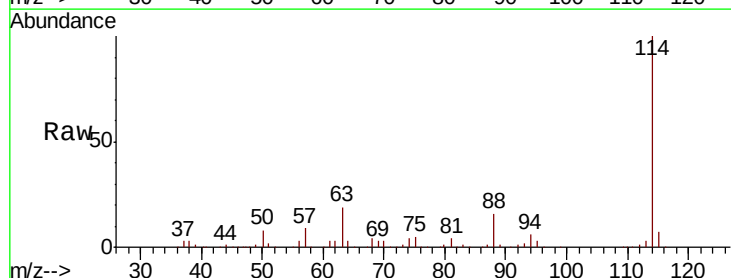
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-101619

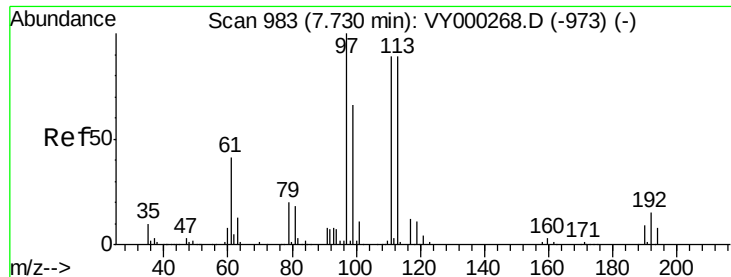
Tot Ion: 65 Resp: 161739
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000338.D
 Acq: 17 Oct 2019 12:02

Tgt Ion: 114 Resp: 489048
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.2
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.452 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000338.D

Acq: 17 Oct 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-101619

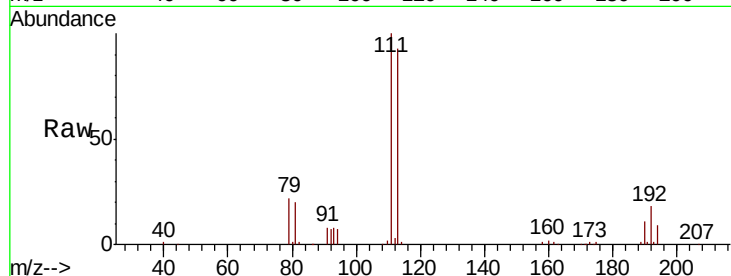
Tot Ion:113 Resp: 139982

Ion Ratio Lower Upper

113 100

111 104.2 81.6 122.4

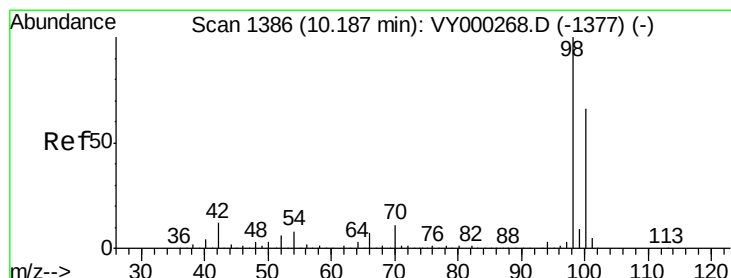
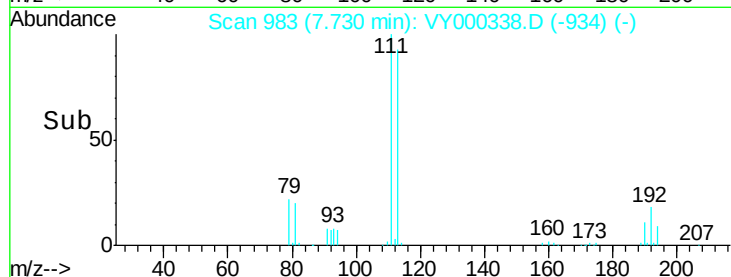
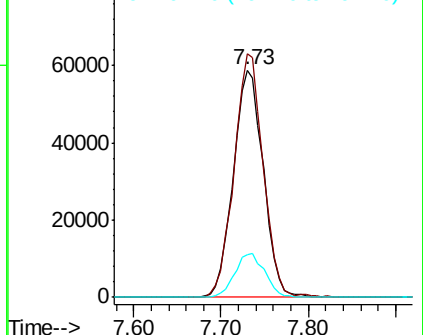
192 19.4 15.3 22.9



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: 48.890 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000338.D

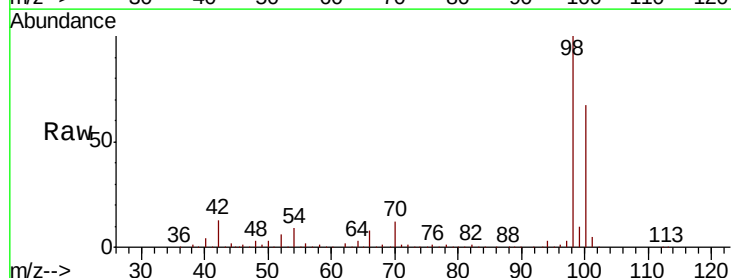
Acq: 17 Oct 2019 12:02

Tgt Ion: 98 Resp: 554790

Ion Ratio Lower Upper

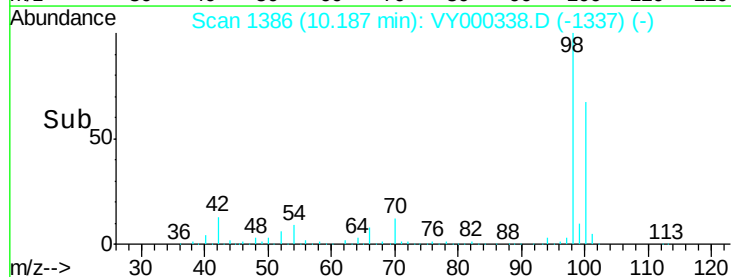
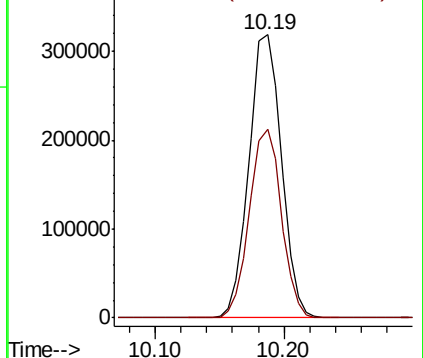
98 100

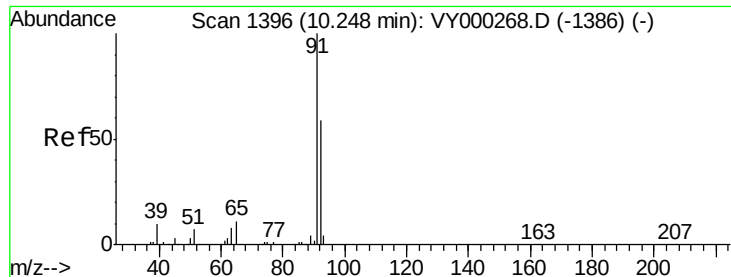
100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 12.766 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000338.D

Acq: 17 Oct 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

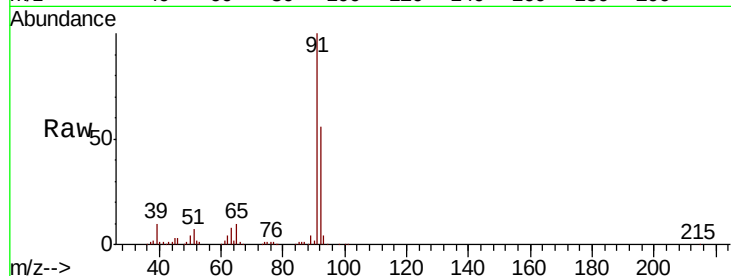
TR-04-101619

Tot Ion: 92 Resp: 112149

Ion Ratio Lower Upper

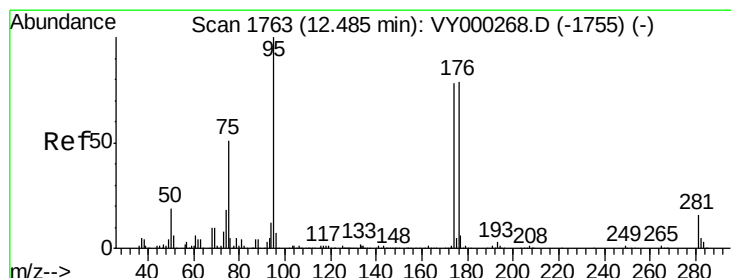
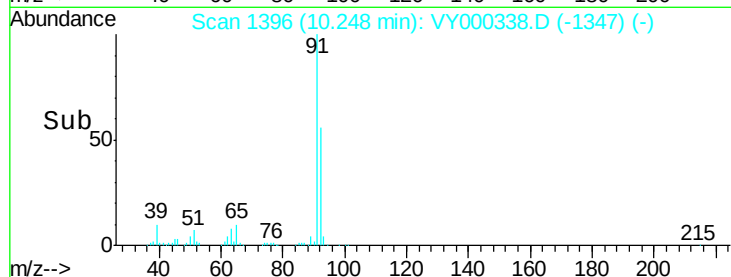
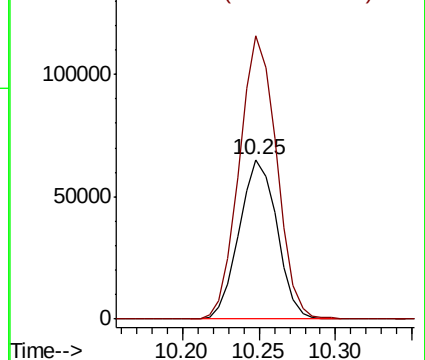
92 100

91 175.2 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#62

4-Bromofluorobenzene

Concen: 38.893 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000338.D

Acq: 17 Oct 2019 12:02

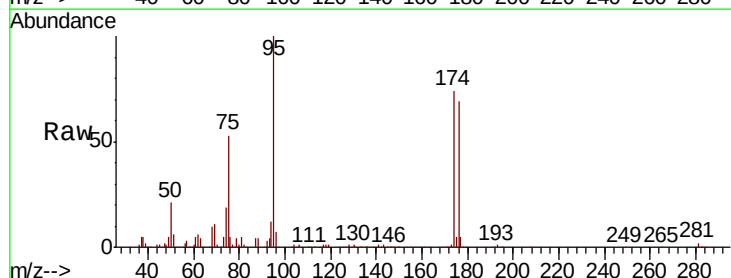
Tgt Ion: 95 Resp: 167675

Ion Ratio Lower Upper

95 100

174 81.2 0.0 159.6

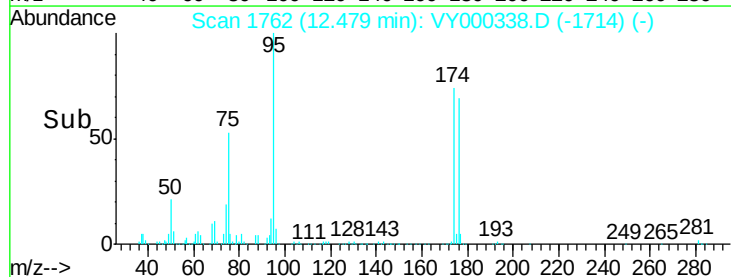
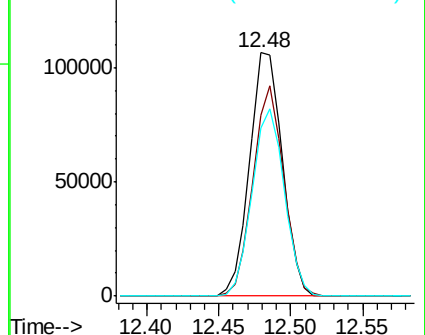
176 75.6 0.0 153.8

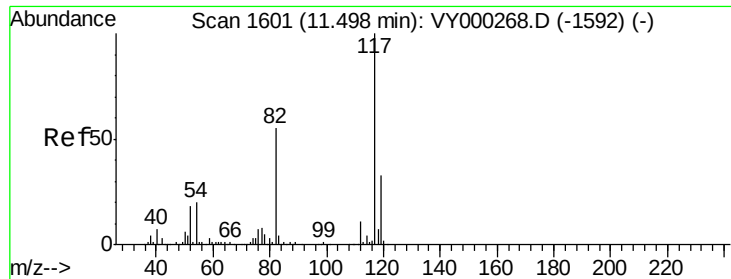


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

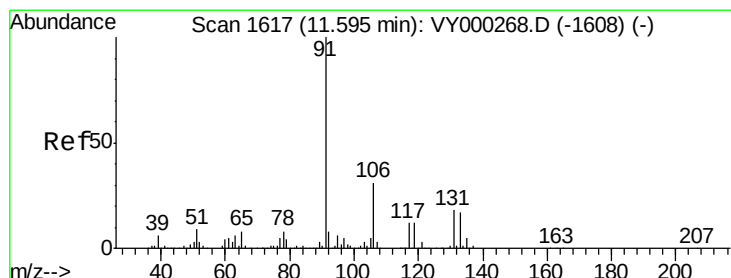
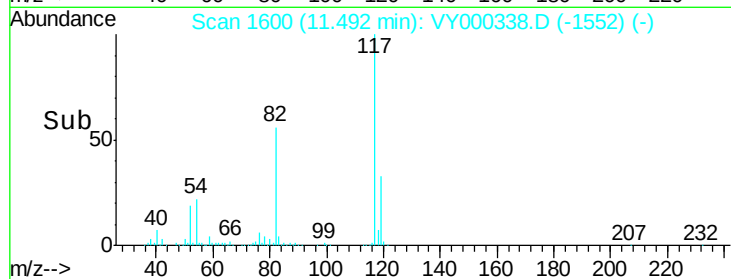
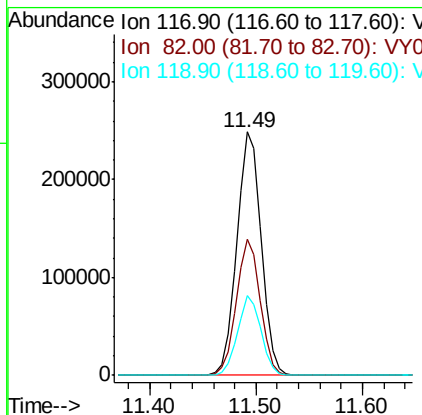
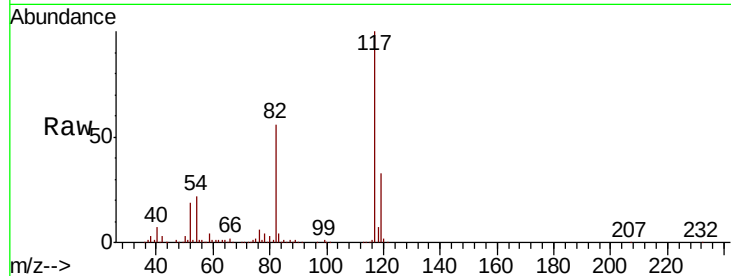




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000338.D
Acq: 17 Oct 2019 12:02

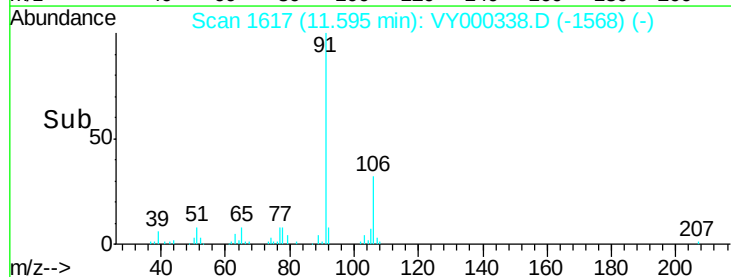
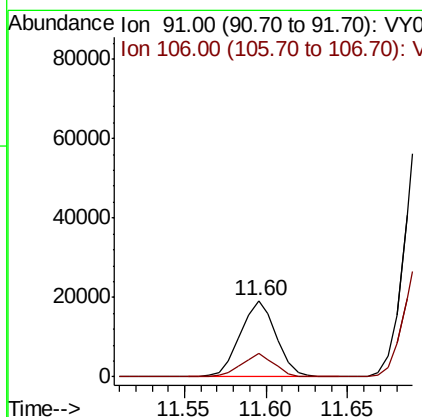
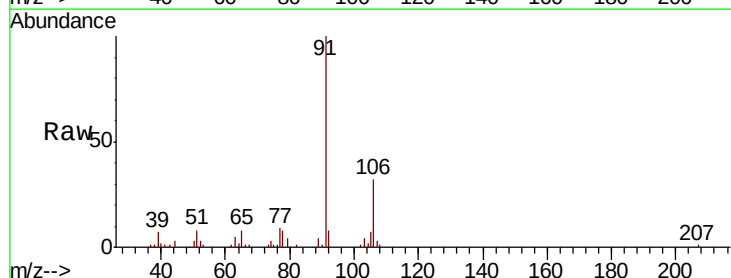
Instrument :
MSVOA_Y
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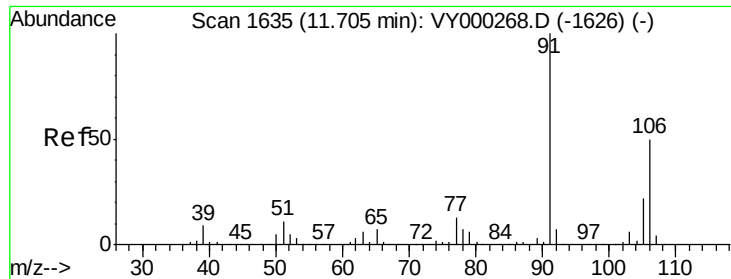
Tot Ion:117 Resp: 398990
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 32.6 26.6 39.8



#67
Ethyl Benzene
Concen: 1.886 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000338.D
Acq: 17 Oct 2019 12:02

Tgt Ion: 91 Resp: 29434
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

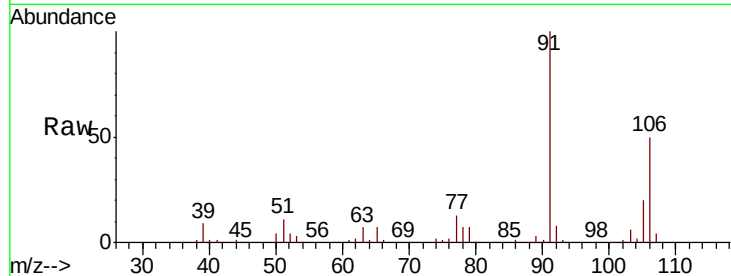




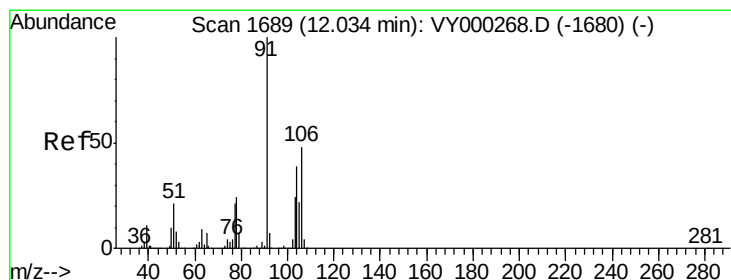
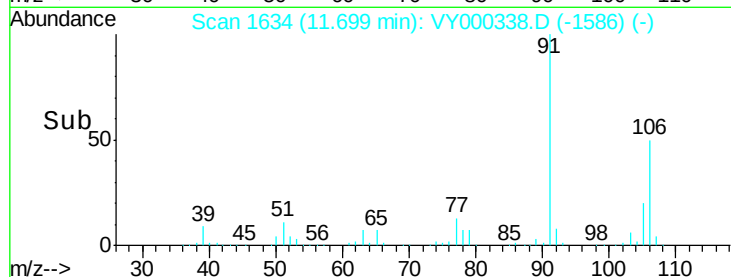
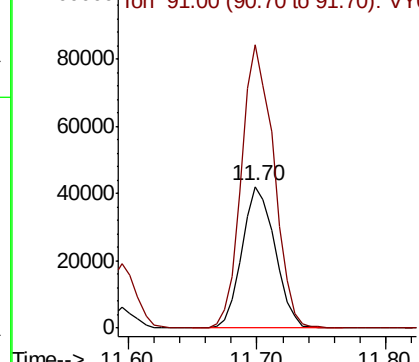
#68
m/p-Xylenes
Concen: 12.453 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000338.D
Acq: 17 Oct 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-101619

Tot Ion:106 Resp: 74311
Ion Ratio Lower Upper
106 100
91 197.1 157.5 236.3

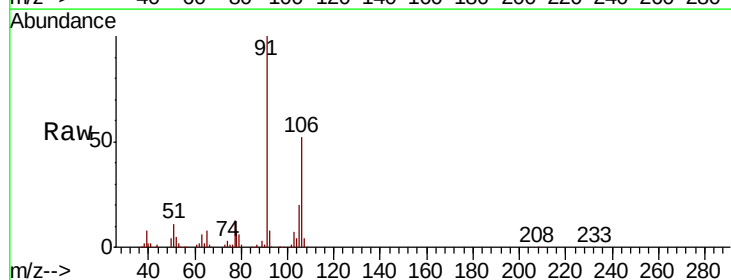


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

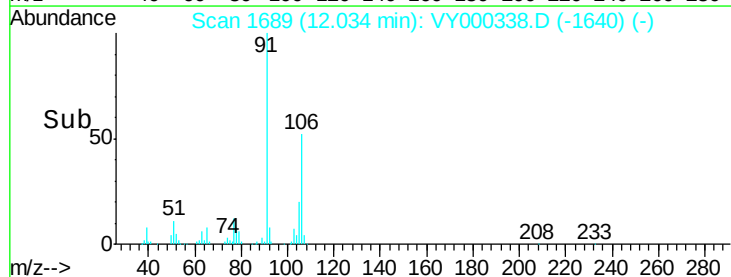
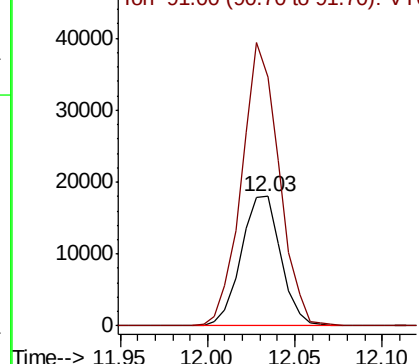


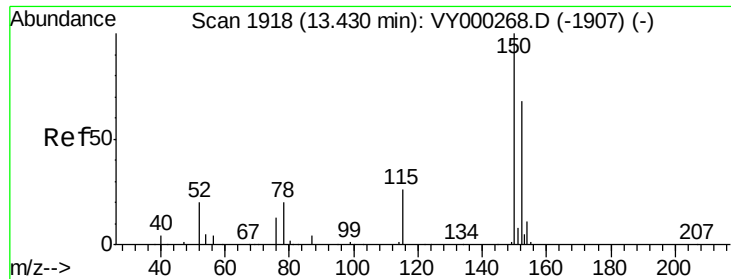
#69
o-Xylene
Concen: 4.985 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY000338.D
Acq: 17 Oct 2019 12:02

Tgt Ion:106 Resp: 28380
Ion Ratio Lower Upper
106 100
91 206.5 104.7 313.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0



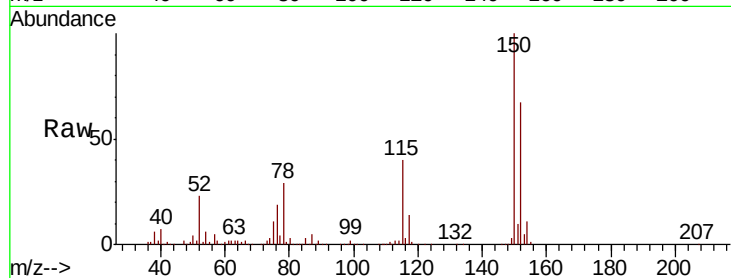


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000338.D
Acq: 17 Oct 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	88.0
150	153.2	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

