

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000322.D
 Acq On : 16 Oct 2019 12:06
 Operator : SY/MD
 Sample : VY1016SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBL01

Quant Time: Oct 17 01:43:10 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	306811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	514985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184716	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	172056	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	7.73	113	149459	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.19	98	605014	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.48	95	194339	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	

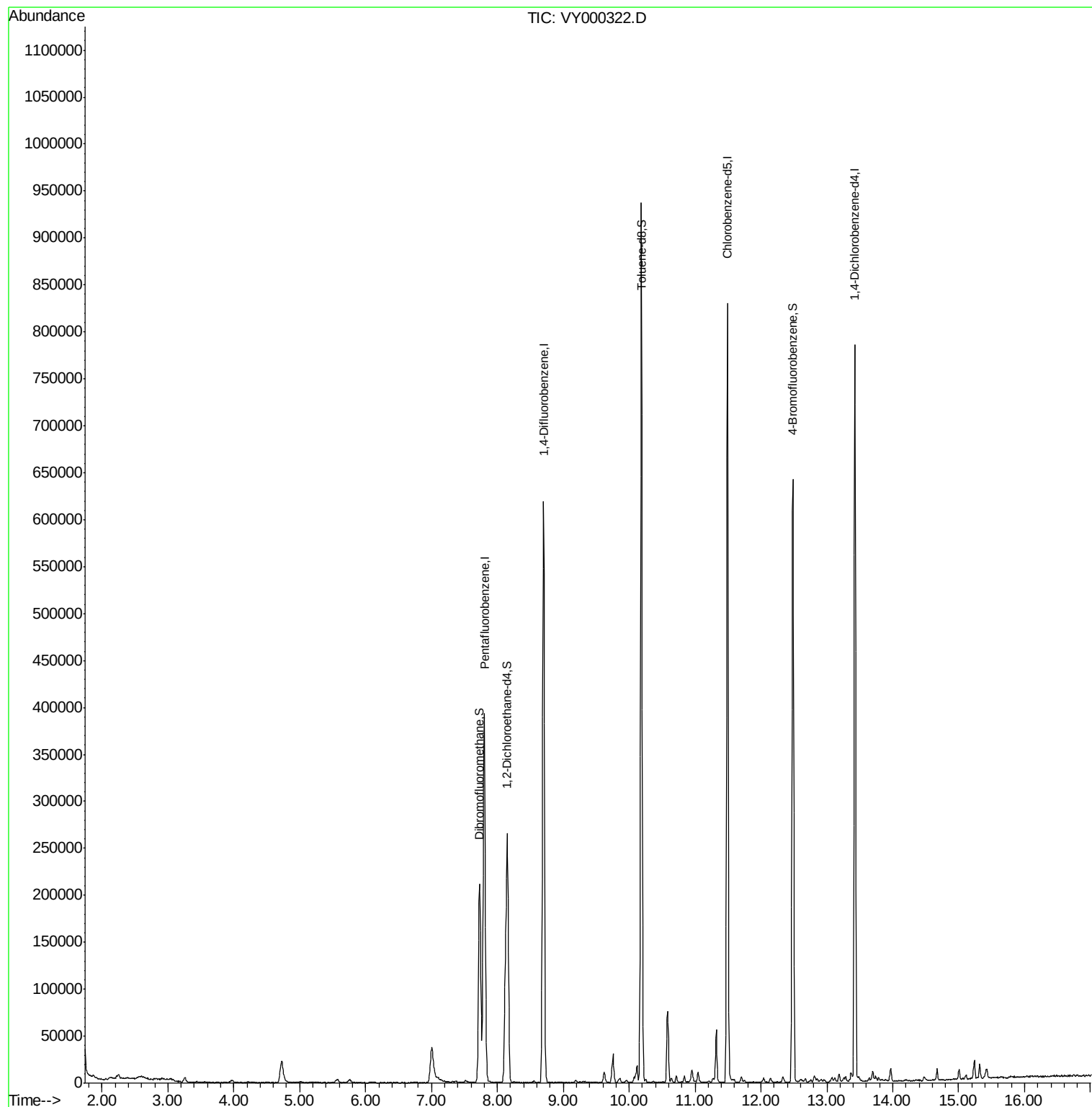
Target Compounds	Qvalue

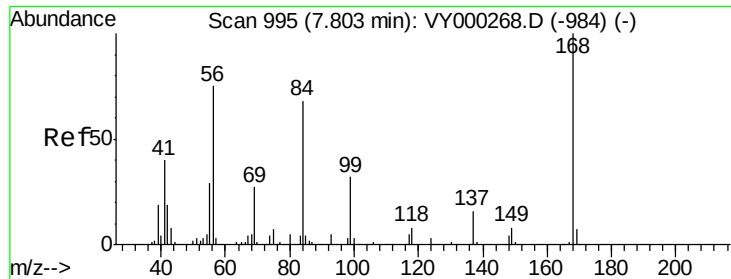
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000322.D

Acq: 16 Oct 2019 12:06

Instrument :

MSVOA_Y

ClientSampleId :

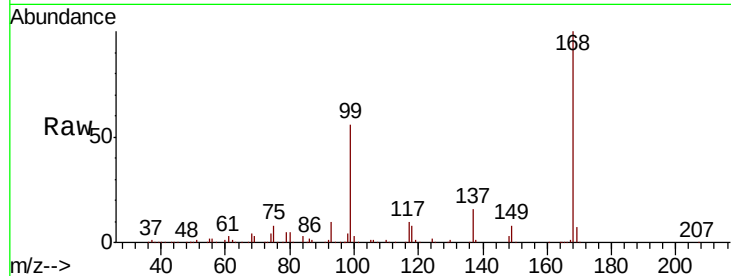
VY1016SBL01

Tot Ion:168 Resp: 306811

Ion Ratio Lower Upper

168 100

99 55.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000322.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000322.D (-946) (-)

7.80

150000

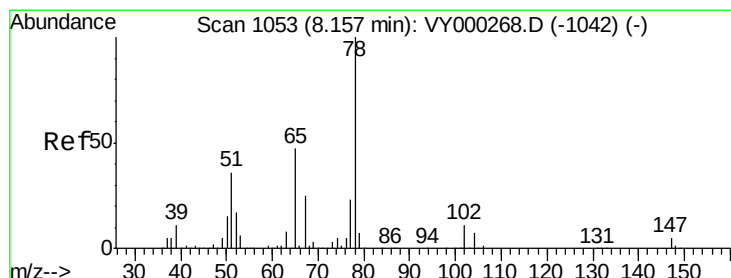
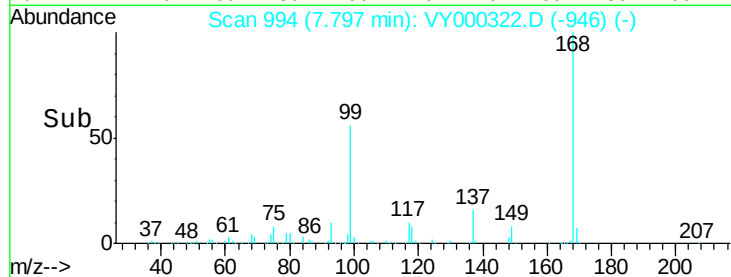
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.163 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000322.D

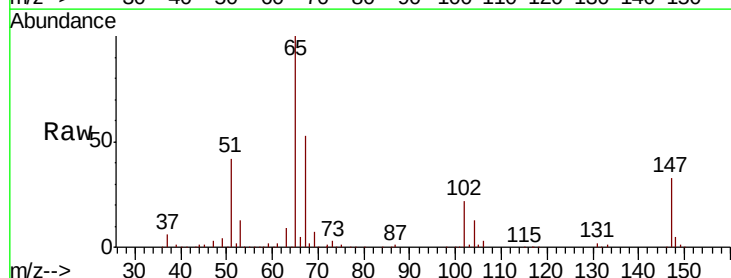
Acq: 16 Oct 2019 12:06

Tgt Ion: 65 Resp: 172056

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000322.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000322.D (-1004) (-)

8.15

80000

60000

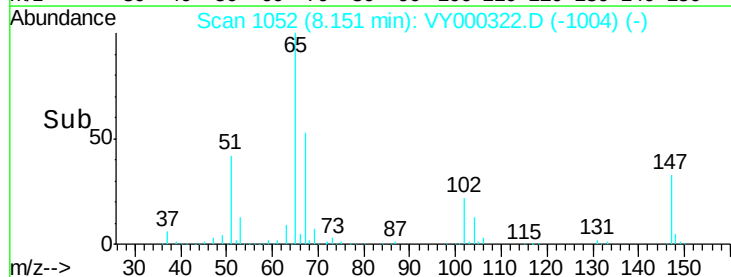
40000

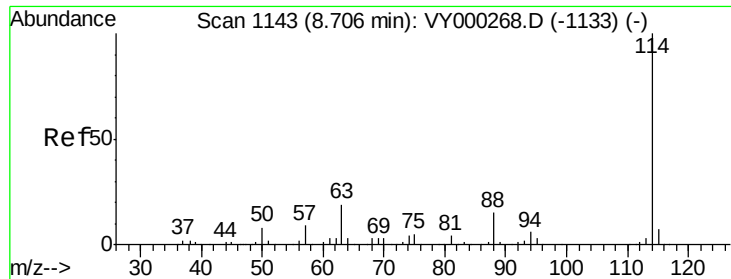
20000

0

8.10 8.20

Time-->

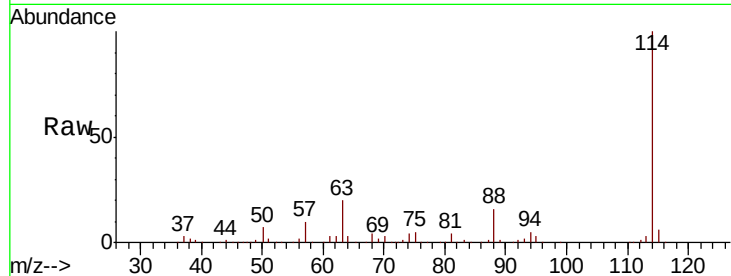




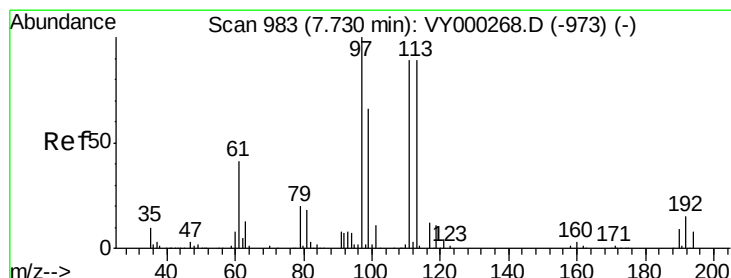
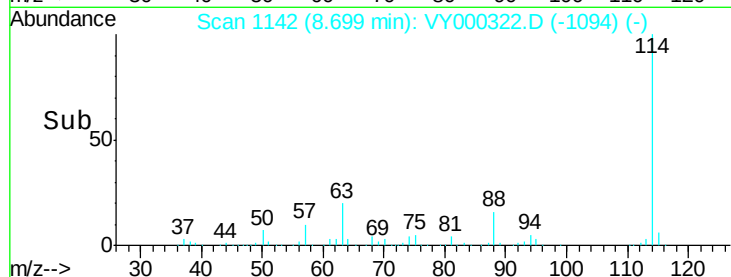
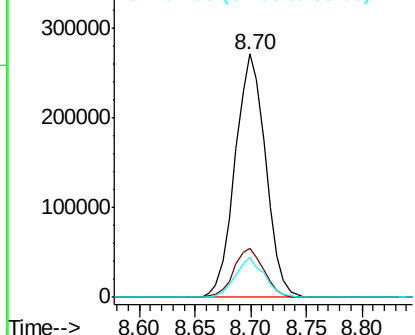
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000322.D
 Acq: 16 Oct 2019 12:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBL01

Tot Ion:114 Resp: 514985
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.2
 88 16.4 0.0 30.2

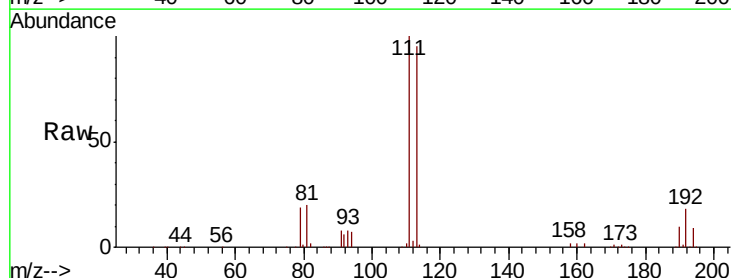


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

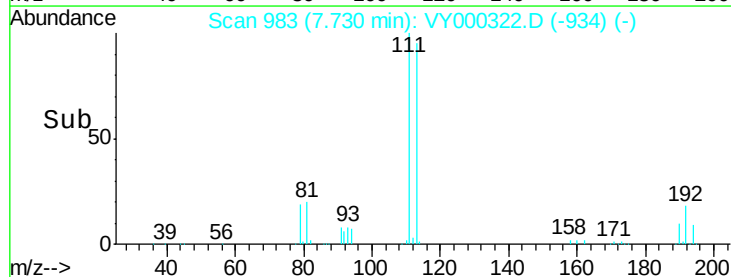
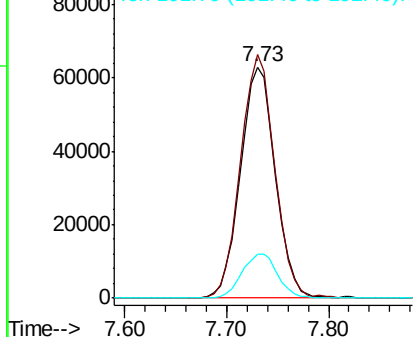


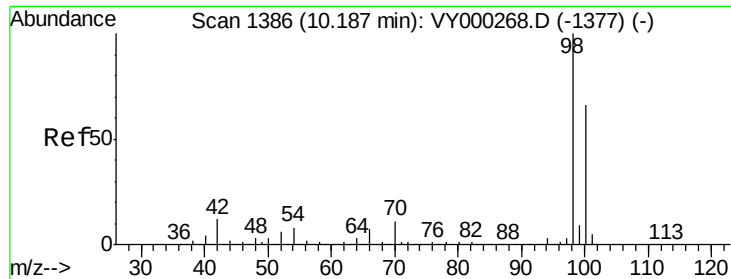
#35
 Dibromofluoromethane
 Concen: 48.113 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000322.D
 Acq: 16 Oct 2019 12:06

Tgt Ion:113 Resp: 149459
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.6 122.4
 192 19.6 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

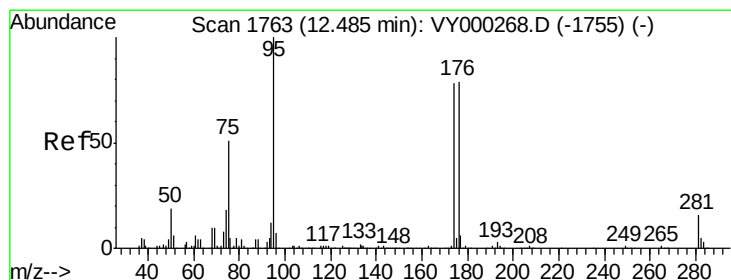
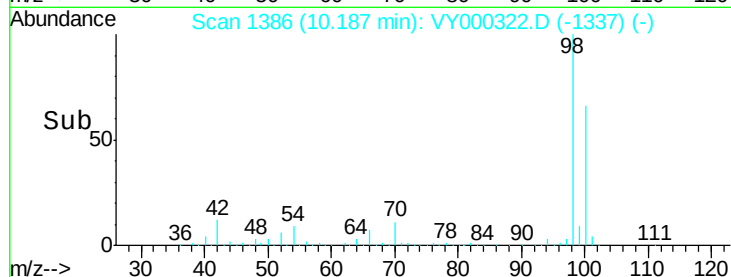
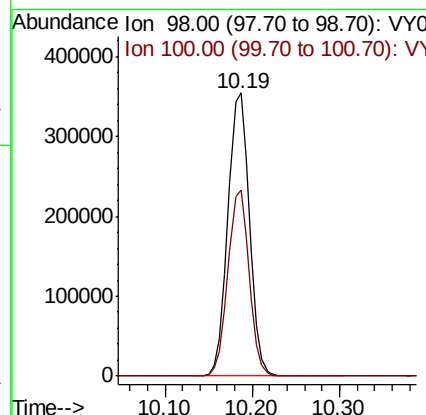
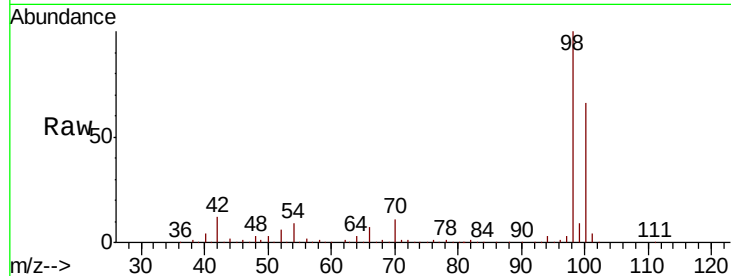




#50
Toluene-d8
Concen: 50.630 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000322.D
Acq: 16 Oct 2019 12:06

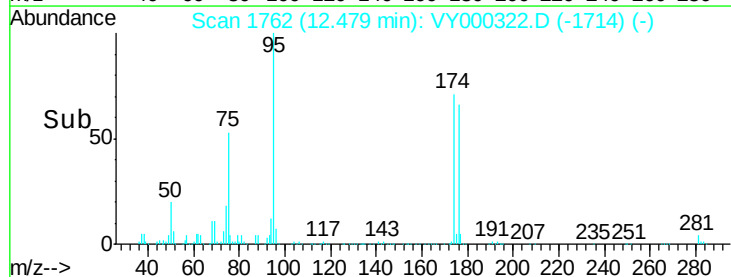
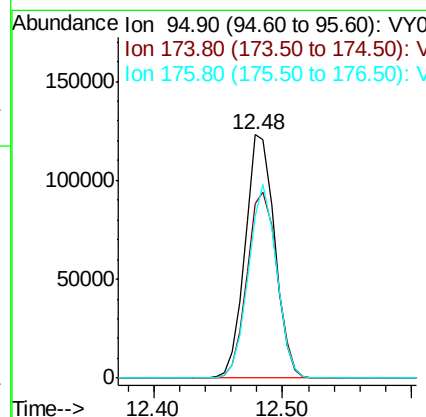
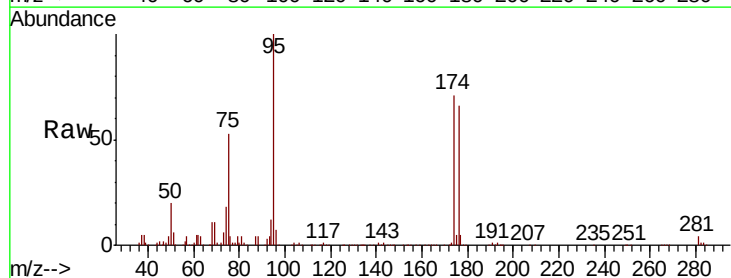
Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBL01

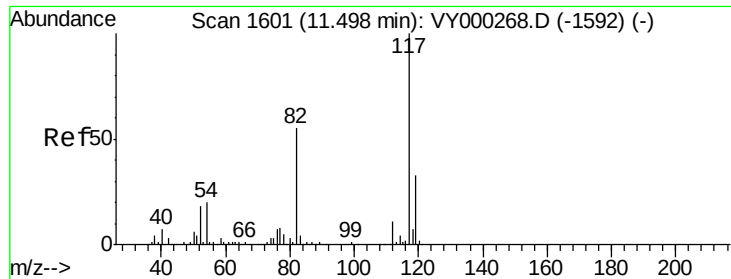
Tot Ion: 98 Resp: 605014
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 42.808 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000322.D
Acq: 16 Oct 2019 12:06

Tgt Ion: 95 Resp: 194339
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.6
176 75.7 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: VY000322.D

Acq: 16 Oct 2019 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY1016SBL01

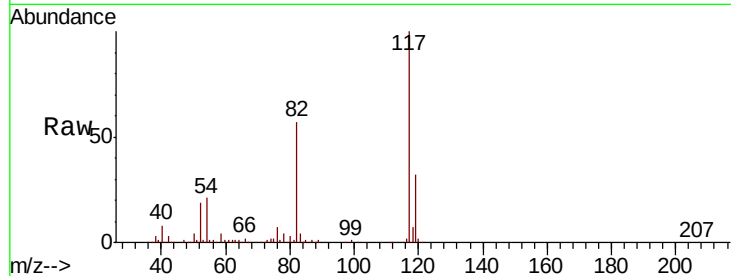
Tot Ion:117 Resp: 432419

Ion Ratio Lower Upper

117 100

82 57.4 43.7 65.5

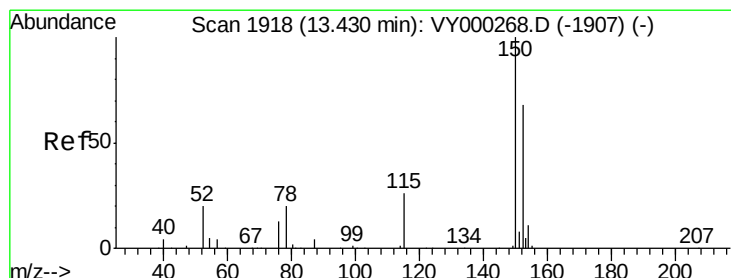
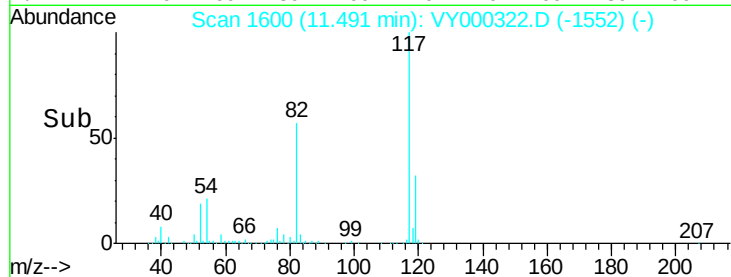
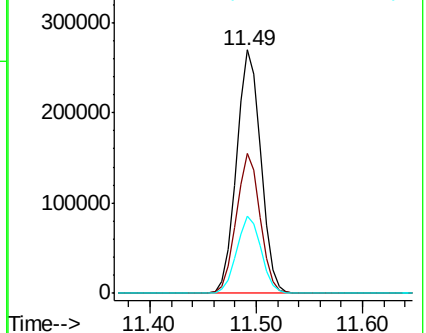
119 31.7 26.6 39.8



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: VY000322.D

Acq: 16 Oct 2019 12:06

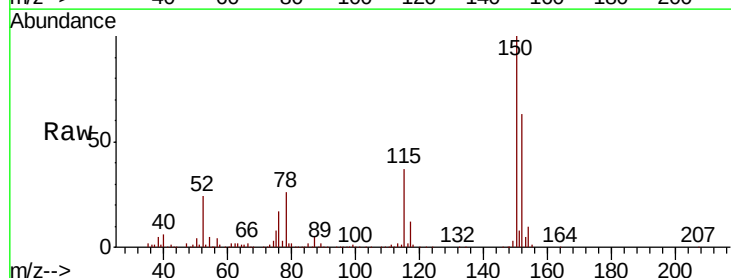
Tgt Ion:152 Resp: 184716

Ion Ratio Lower Upper

152 100

115 59.1 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

