

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
 Data File : VY000318.D
 Acq On : 15 Oct 2019 15:48
 Operator : SY/MD
 Sample : K5392-02
 Misc : 4.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-22A-S2

Quant Time: Oct 15 17:56:37 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

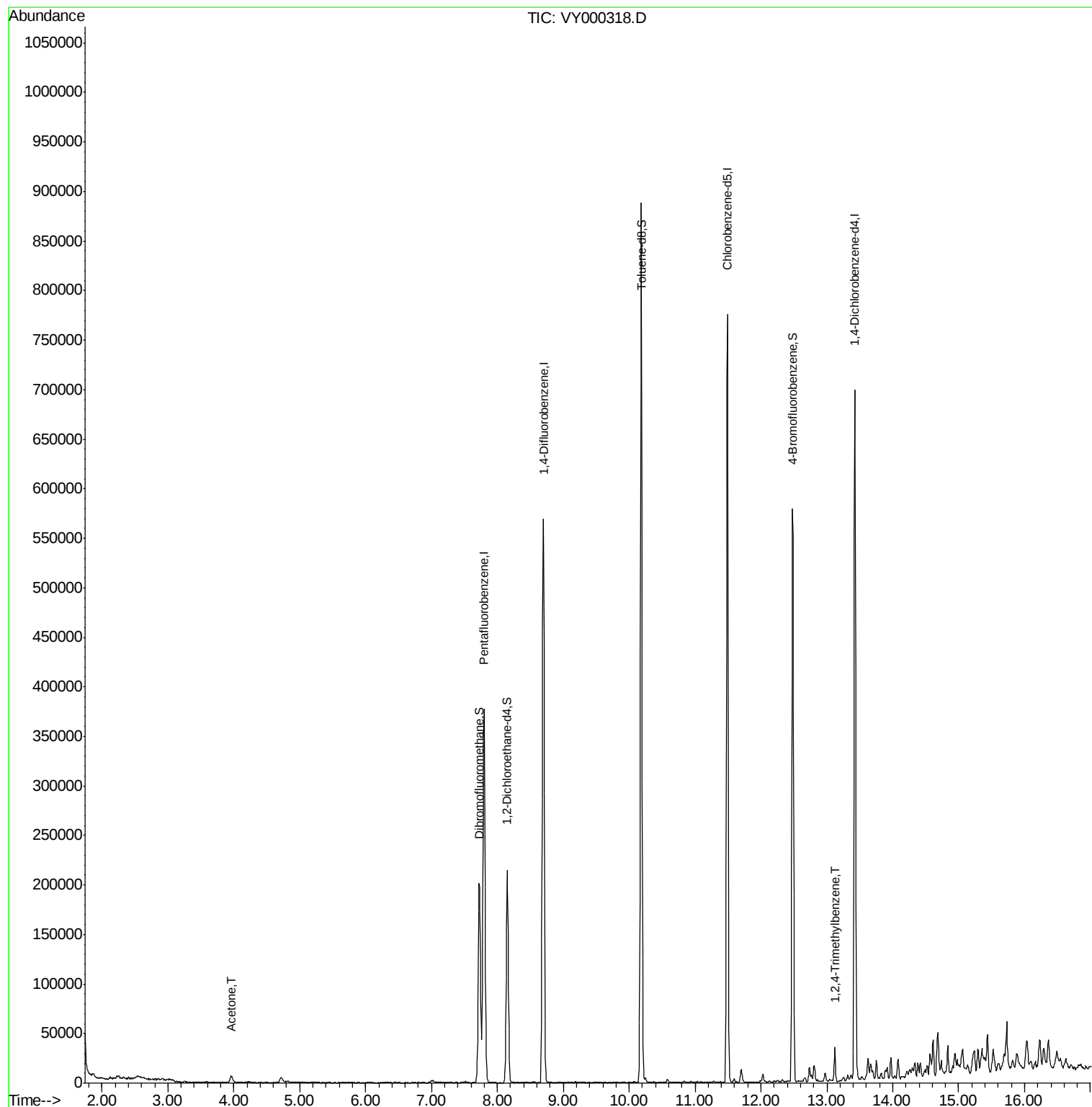
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	296345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	494142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	417317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	166009	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	7.73	113	144193	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.18	98	571840	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	180176	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.72%	
Target Compounds						
16) Acetone	3.96	43	12010	11.864	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	16371	1.479	ug/l	94

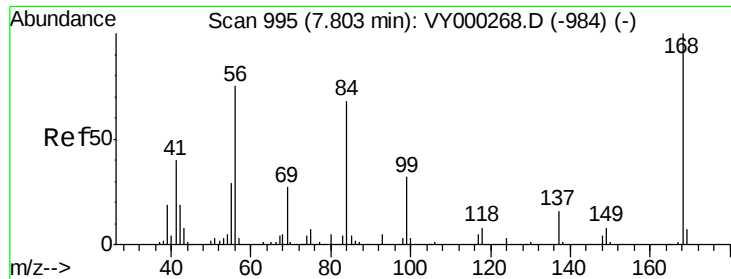
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000318.D

Acq: 15 Oct 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

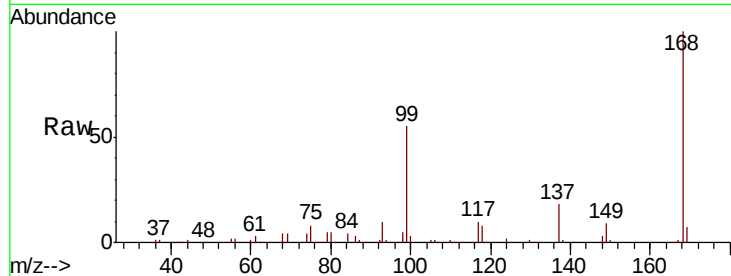
TP-22A-S2

Tot Ion:168 Resp: 296345

Ion Ratio Lower Upper

168 100

99 54.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000318.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000318.D (-946) (-)

7.80

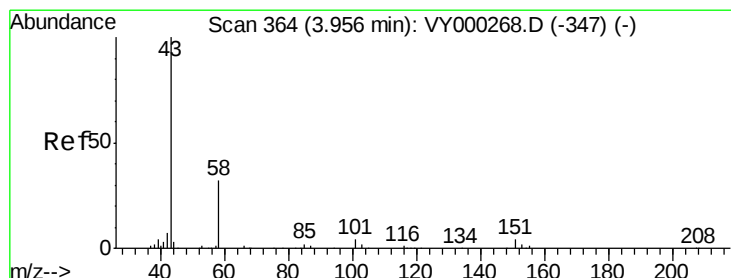
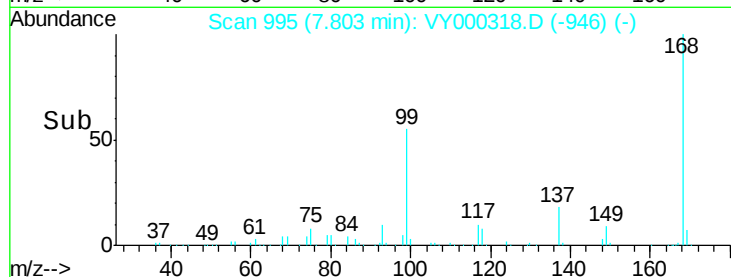
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.864 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000318.D

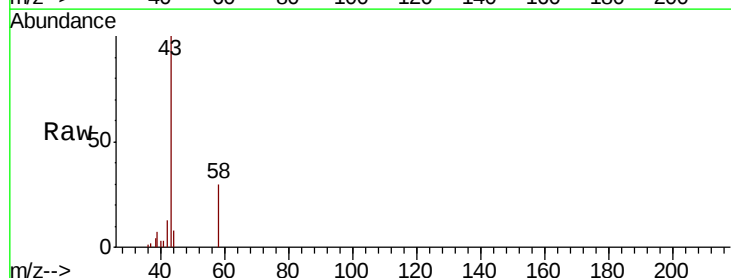
Acq: 15 Oct 2019 15:48

Tgt Ion: 43 Resp: 12010

Ion Ratio Lower Upper

43 100

58 30.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000318.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000318.D (-315) (-)

3.96

5000

4000

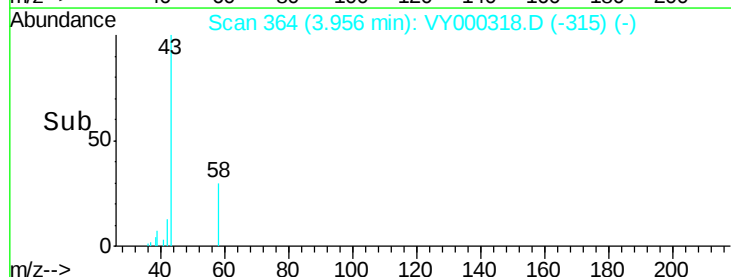
3000

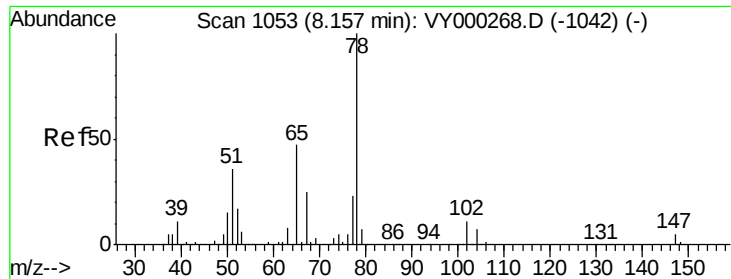
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.106 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000318.D

Acq: 15 Oct 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

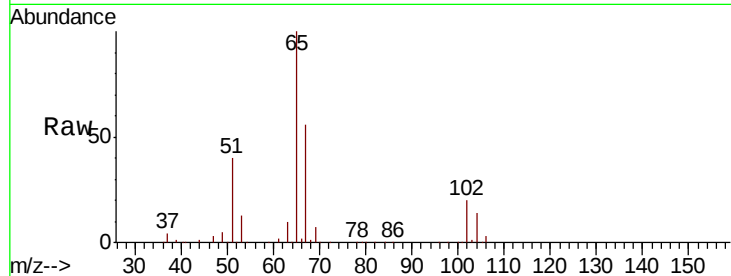
TP-22A-S2

Tot Ion: 65 Resp: 166009

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

80000

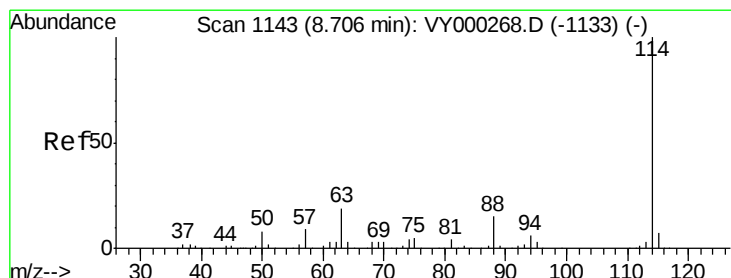
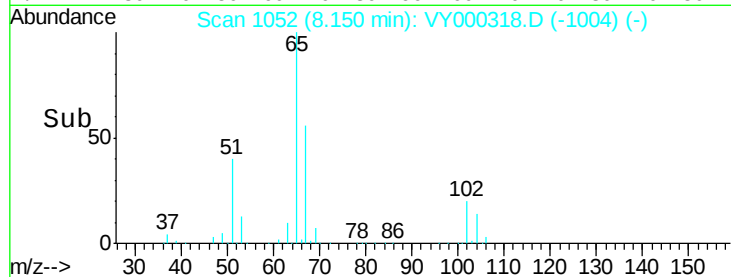
60000

40000

20000

0

Time--> 8.00 8.10 8.20 8.30



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000318.D

Acq: 15 Oct 2019 15:48

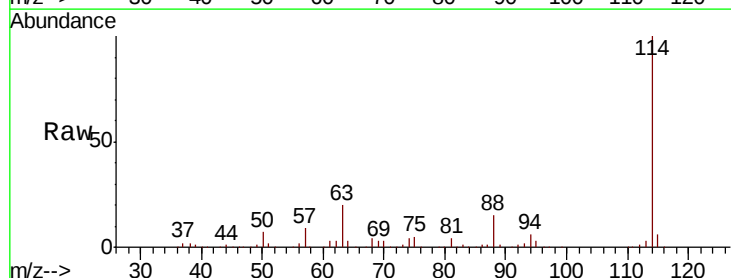
Tgt Ion: 114 Resp: 494142

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.2

88 15.1 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

8.70

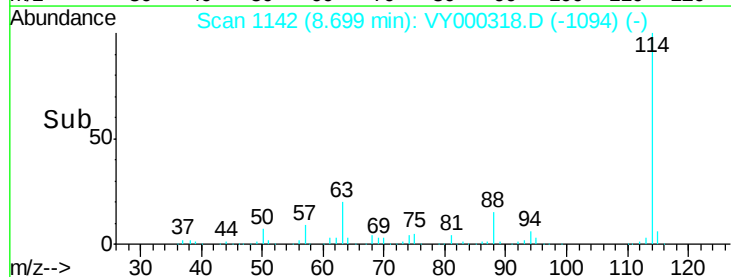
300000

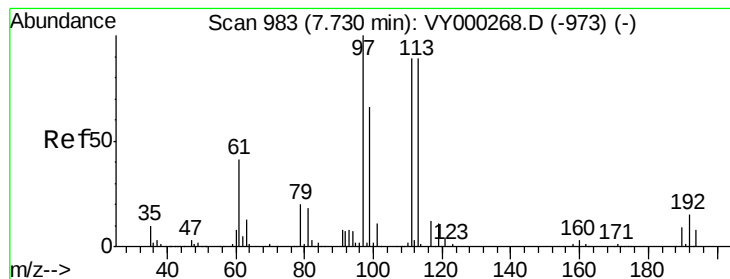
200000

100000

0

Time--> 8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 48.375 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000318.D

Acq: 15 Oct 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-22A-S2

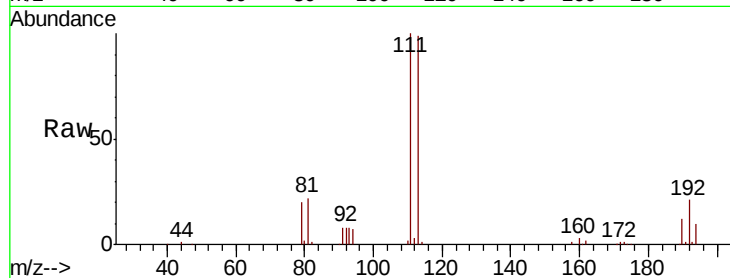
Tot Ion:113 Resp: 144193

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

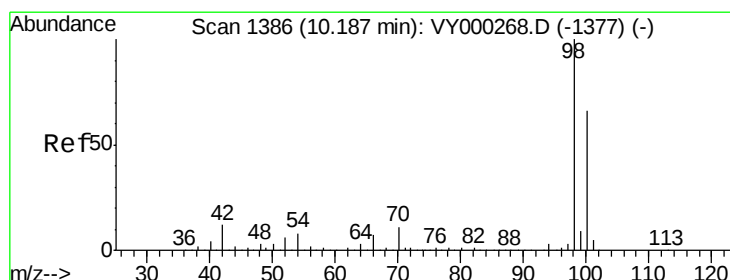
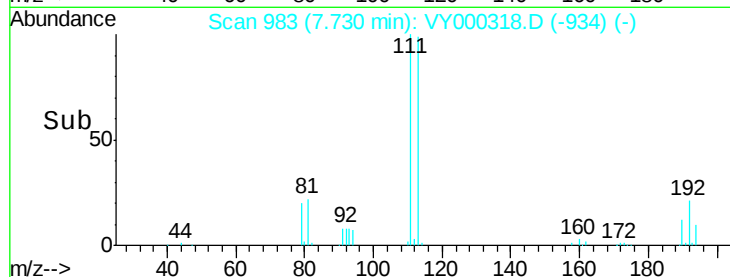
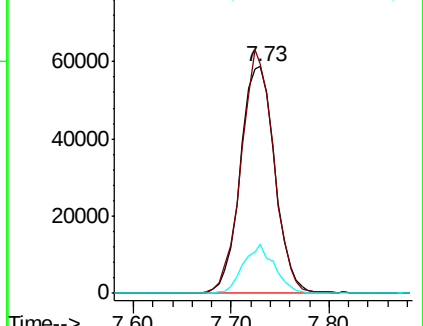
192 19.3 15.3 22.9



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: 49.873 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000318.D

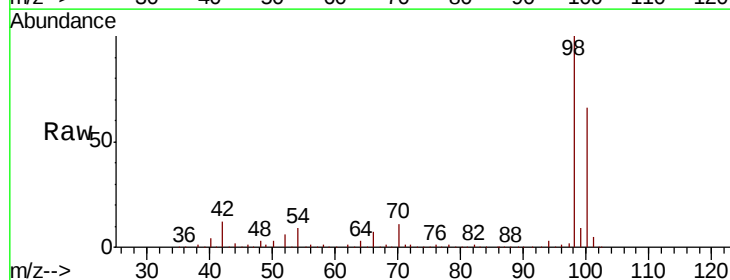
Acq: 15 Oct 2019 15:48

Tgt Ion: 98 Resp: 571840

Ion Ratio Lower Upper

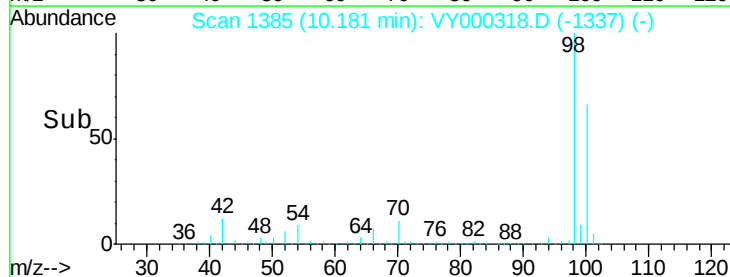
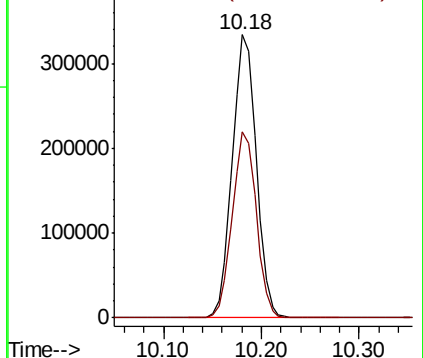
98 100

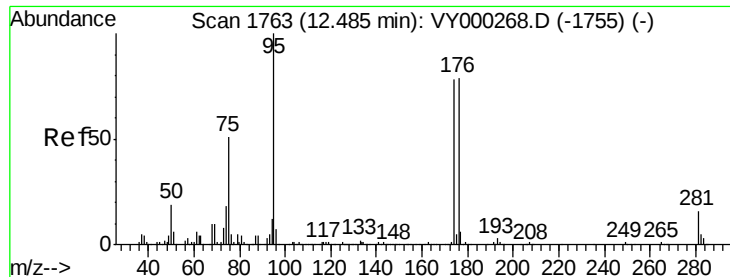
100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

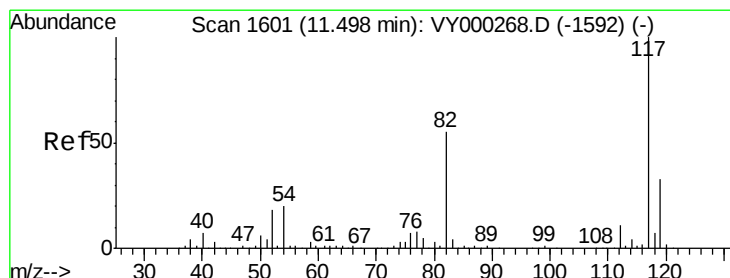
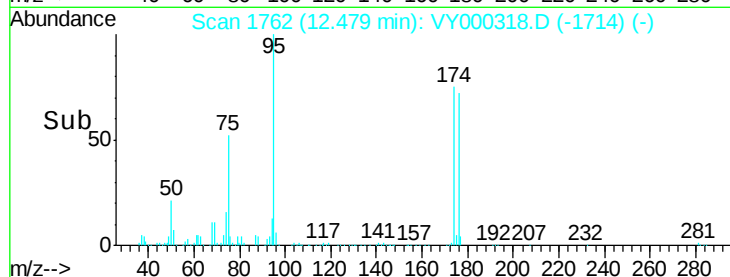
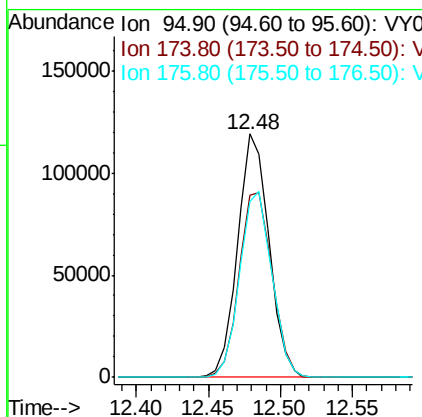
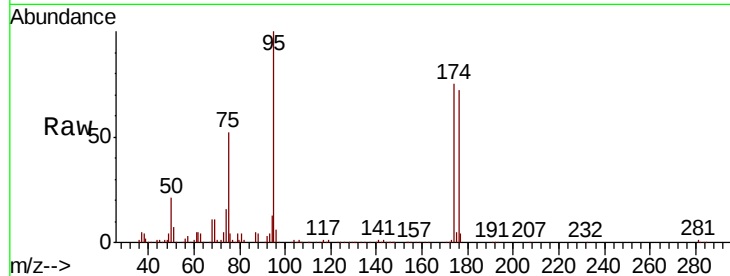




#62
4-Bromofluorobenzene
Concen: 41.362 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

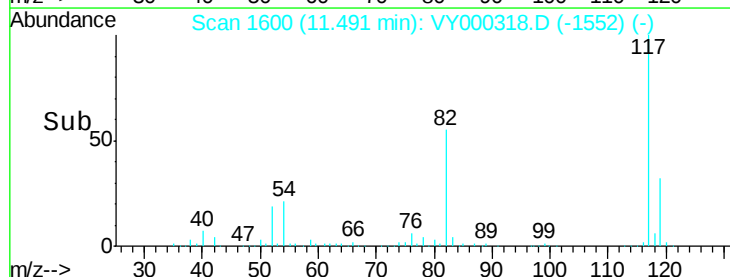
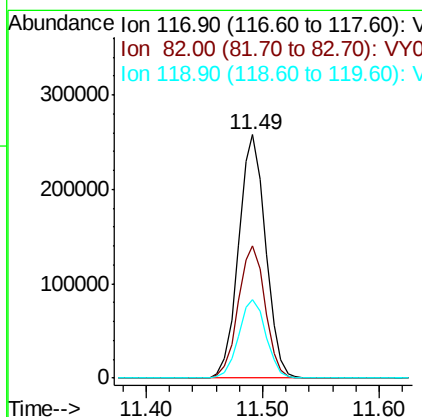
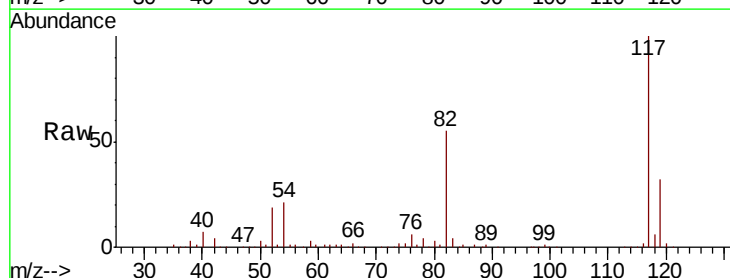
Instrument :
MSVOA_Y
ClientSampleId :
TP-22A-S2

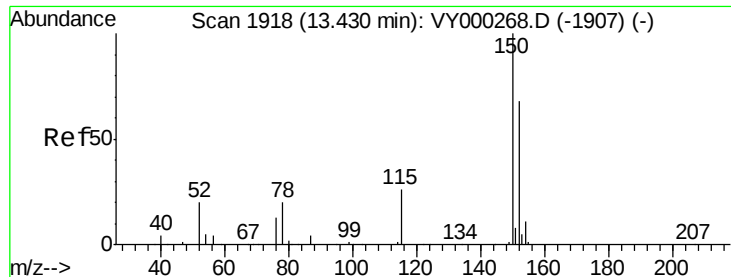
Tot Ion: 95 Resp: 180176
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.6
176 78.0 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000318.D
Acq: 15 Oct 2019 15:48

Tgt Ion: 117 Resp: 417317
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 32.1 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: VY000318.D

Acq: 15 Oct 2019 15:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-22A-S2

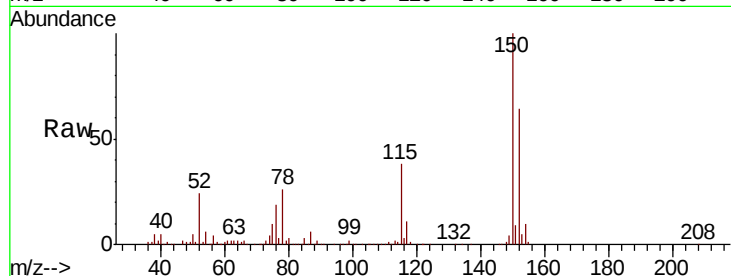
Tot Ion:152 Resp: 171515

Ion Ratio Lower Upper

152 100

115 59.5 29.3 88.0

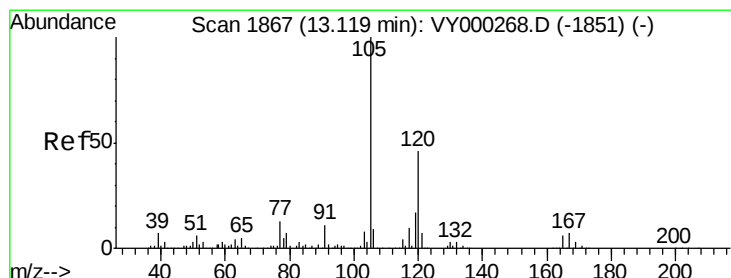
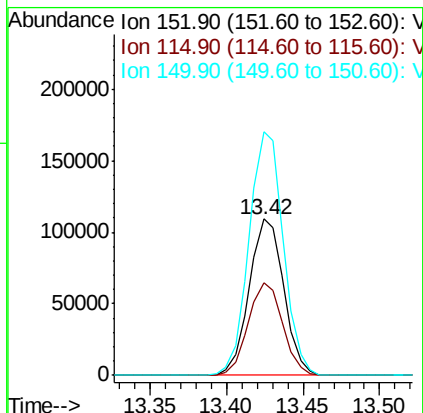
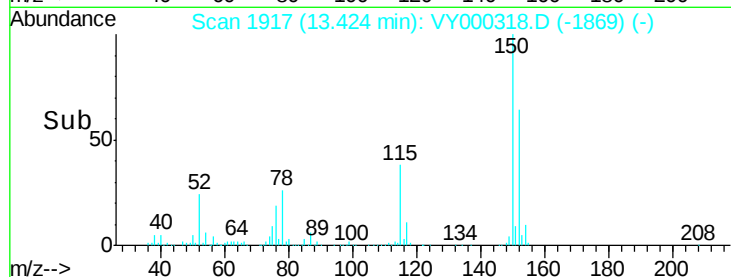
150 154.5 0.0 348.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.479 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000318.D

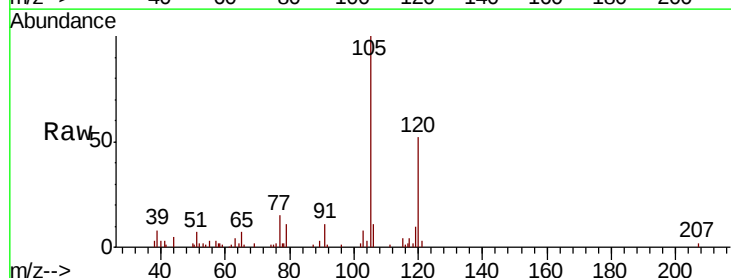
Acq: 15 Oct 2019 15:48

Tgt Ion:105 Resp: 16371

Ion Ratio Lower Upper

105 100

120 49.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

