

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000367.D
 Acq On : 22 Oct 2019 16:30
 Operator : SY/MD
 Sample : K5493-01
 Misc : 3.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLOAN-ROLL-OFF-COMP

Quant Time: Oct 23 08:36:34 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

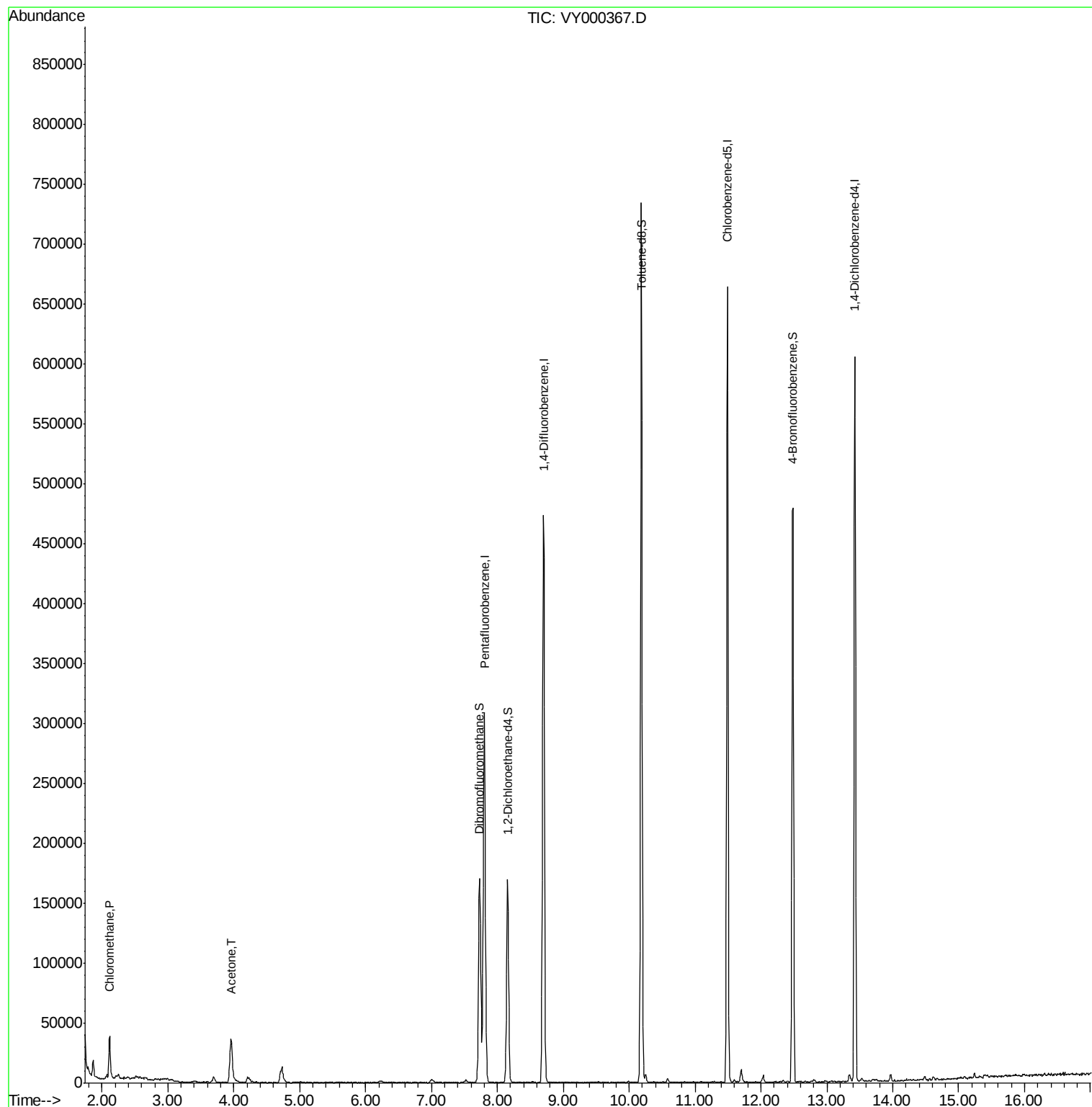
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	244385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	412278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	344882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	148204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	128319	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	7.73	113	116385	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	10.19	98	471620	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.48	95	145766	40.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.22%	
Target Compounds						
3) Chloromethane	2.12	50	33131	11.094	ug/l	92
16) Acetone	3.96	43	61106	73.196	ug/l	93

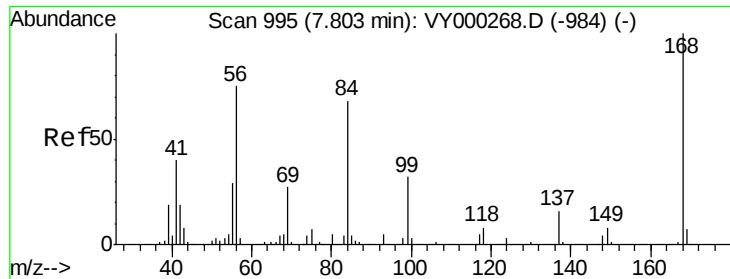
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY000367.D

Acq: 22 Oct 2019 16:30

Instrument :

MSVOA_Y

ClientSampleId :

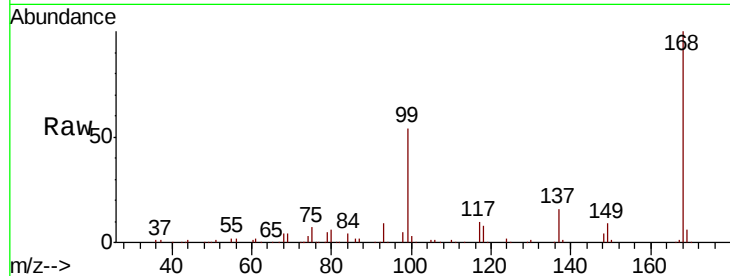
SLOAN-ROLL-OFF-COMP

Tot Ion:168 Resp: 244385

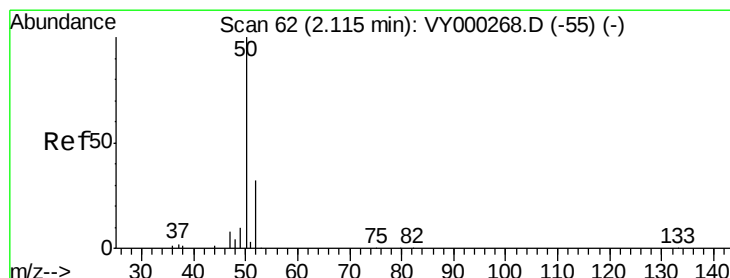
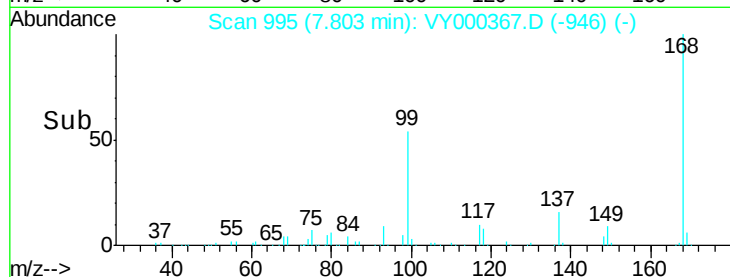
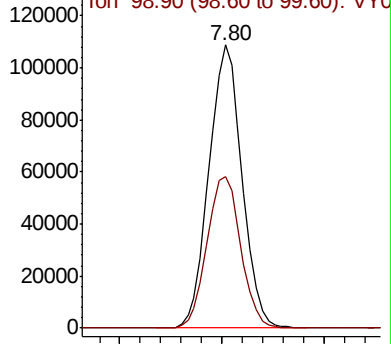
Ion Ratio Lower Upper

168 100

99 53.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000367.D (-946) (-)



#3

Chloromethane

Concen: 11.094 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000367.D

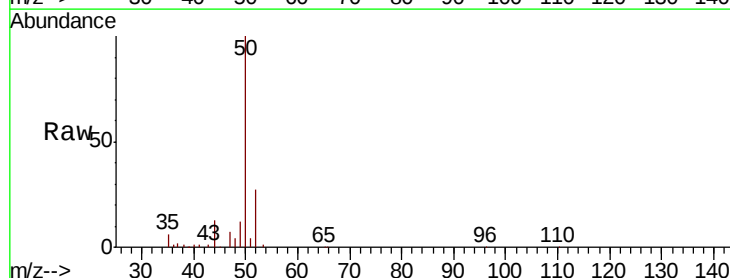
Acq: 22 Oct 2019 16:30

Tgt Ion: 50 Resp: 33131

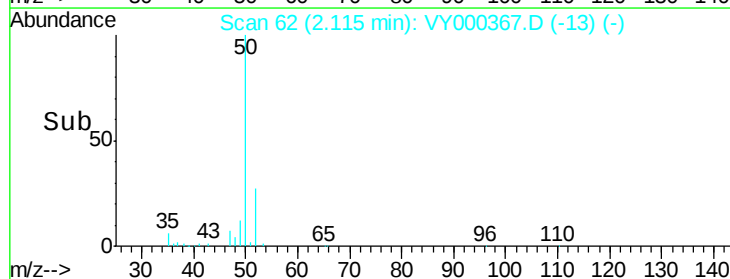
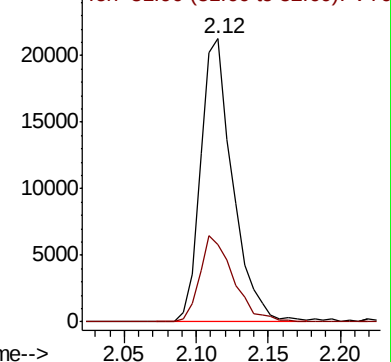
Ion Ratio Lower Upper

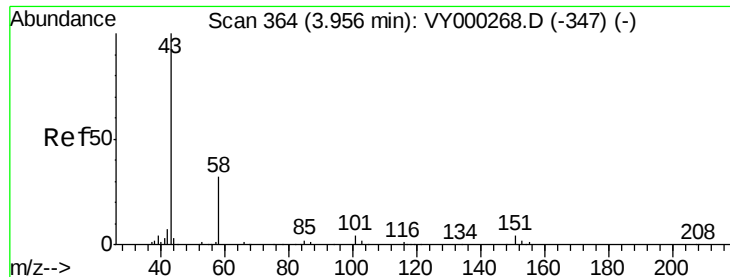
50 100

52 27.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY000367.D (-13) (-)





#16

Acetone

Concen: 73.196 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000367.D

Acq: 22 Oct 2019 16:30

Instrument :

MSVOA_Y

ClientSampleId :

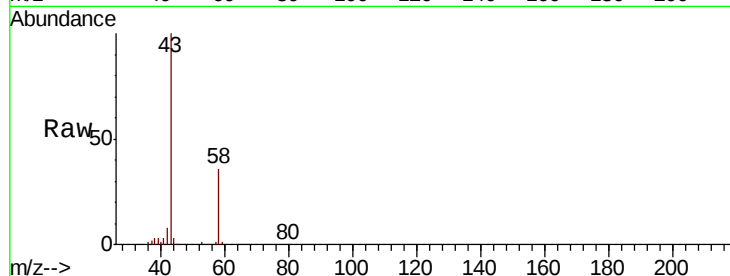
SLOAN-ROLL-OFF-COMP

Tot Ion: 43 Resp: 61106

Ion Ratio Lower Upper

43 100

58 35.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

25000

20000

15000

10000

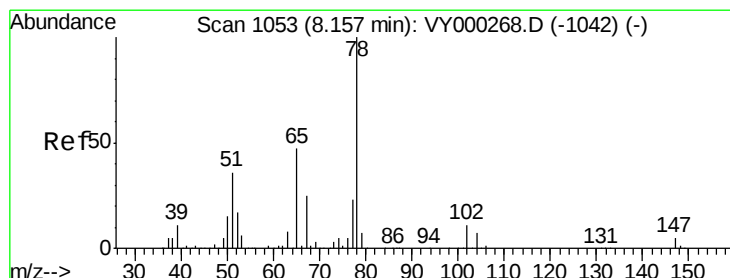
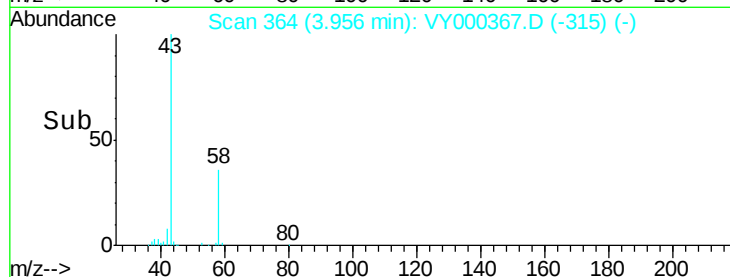
5000

0

3.96

3.90 4.00 4.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.777 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000367.D

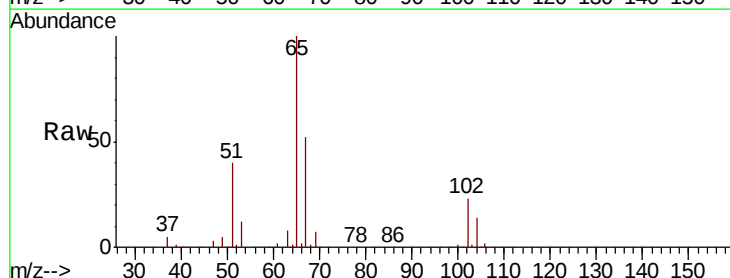
Acq: 22 Oct 2019 16:30

Tgt Ion: 65 Resp: 128319

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

60000

40000

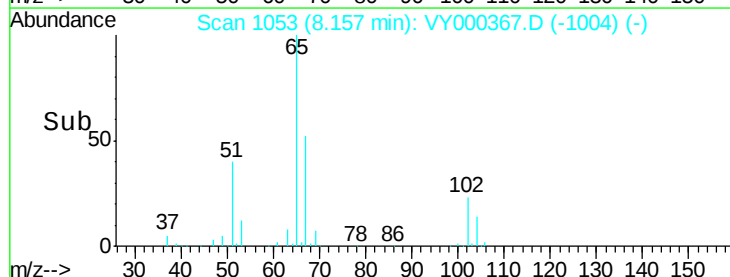
20000

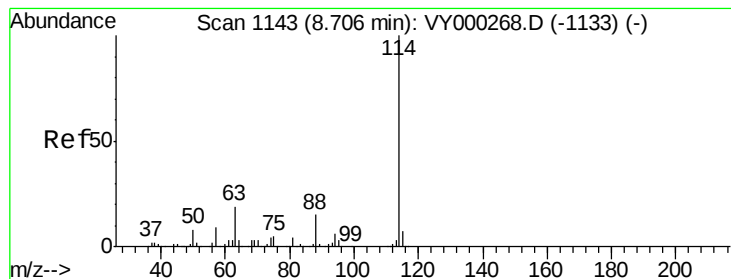
0

8.16

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: VY000367.D

Acq: 22 Oct 2019 16:30

Instrument :

MSVOA_Y

ClientSampleId :

SLOAN-ROLL-OFF-COMP

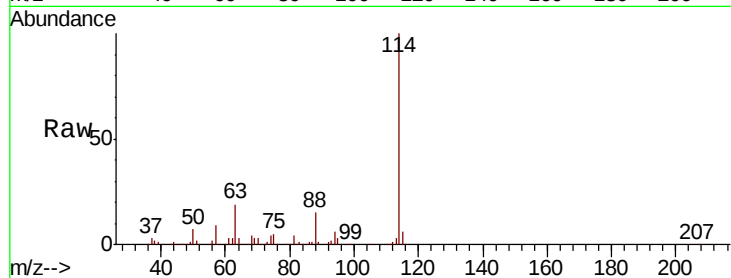
Tot Ion:114 Resp: 412278

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

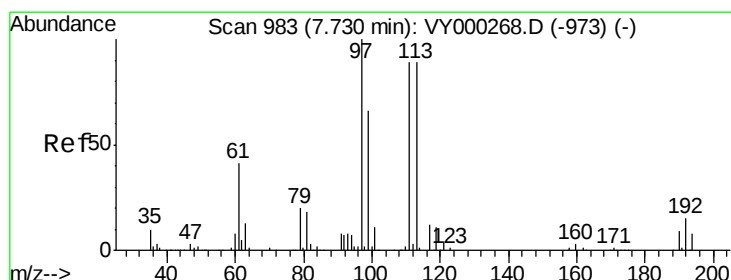
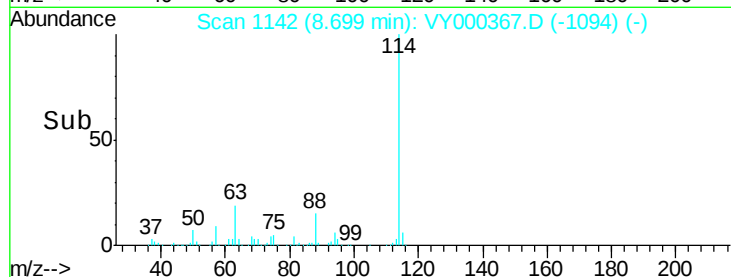
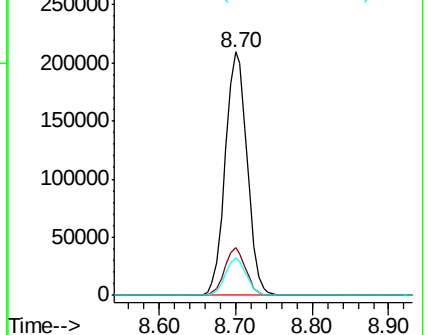
88 15.4 0.0 30.2



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: 46.799 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000367.D

Acq: 22 Oct 2019 16:30

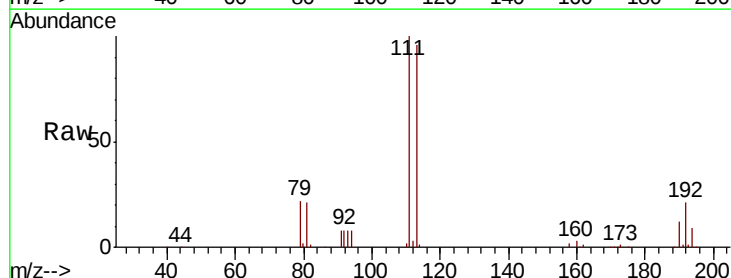
Tgt Ion:113 Resp: 116385

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

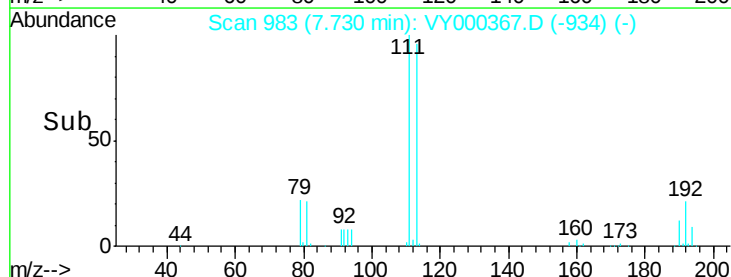
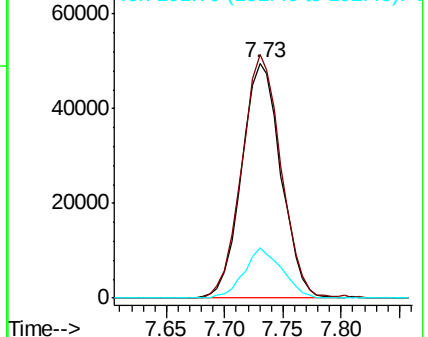
192 20.7 15.3 22.9

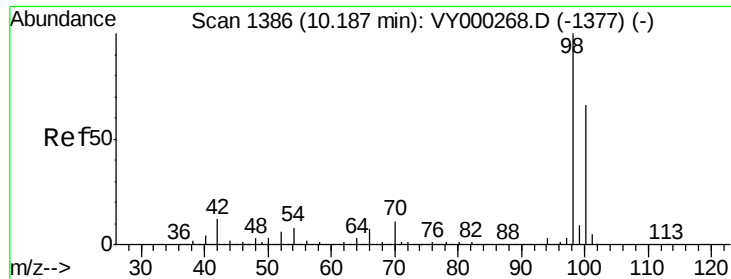


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.299 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000367.D

Acq: 22 Oct 2019 16:30

Instrument :

MSVOA_Y

ClientSampleId :

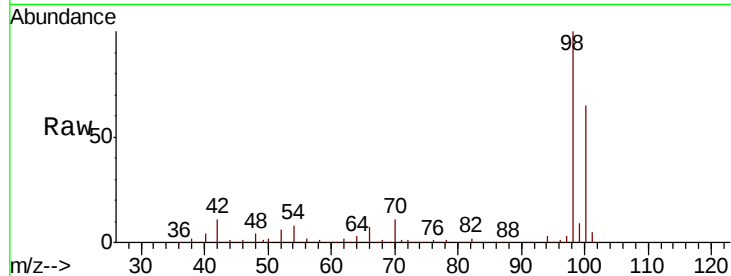
SLOAN-ROLL-OFF-COMP

Tot Ion: 98 Resp: 471620

Ion Ratio Lower Upper

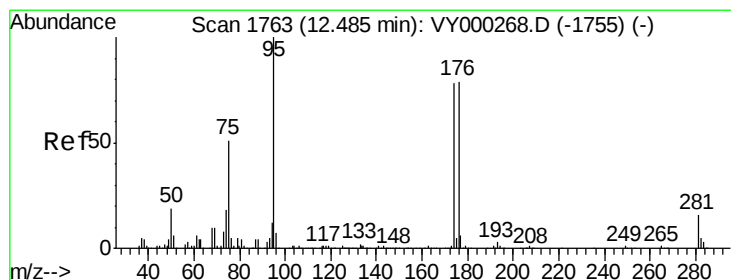
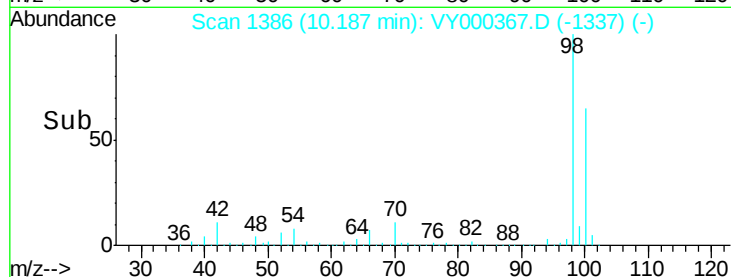
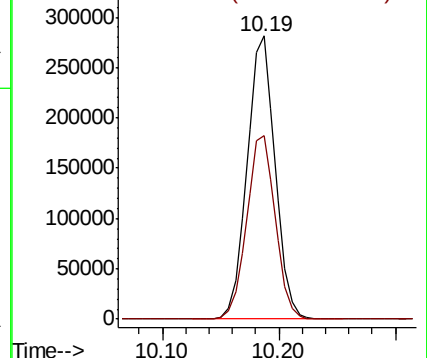
98 100

100 66.0 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: 40.107 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000367.D

Acq: 22 Oct 2019 16:30

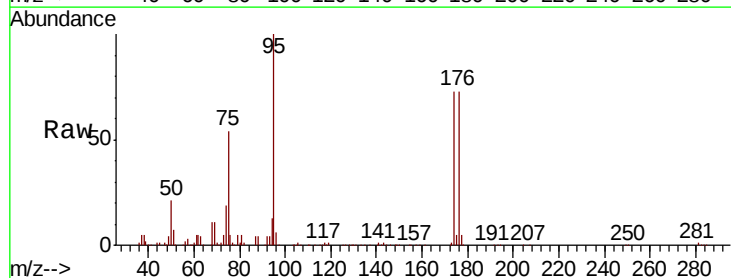
Tgt Ion: 95 Resp: 145766

Ion Ratio Lower Upper

95 100

174 83.7 0.0 159.6

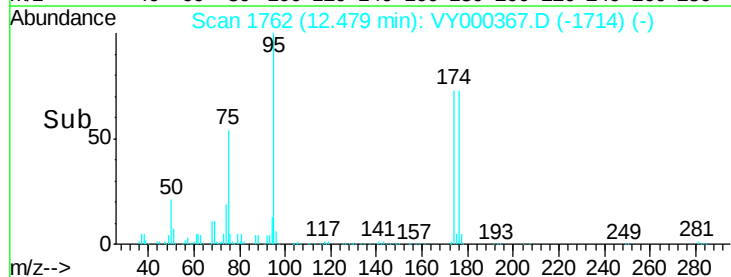
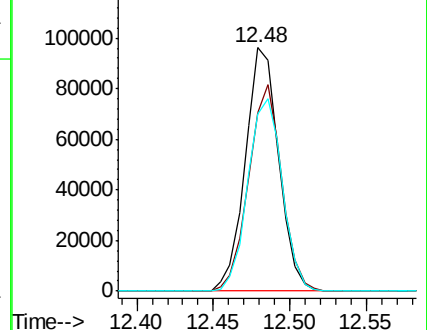
176 81.5 0.0 153.8

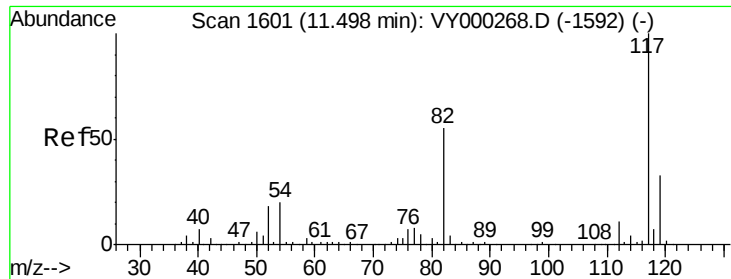


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

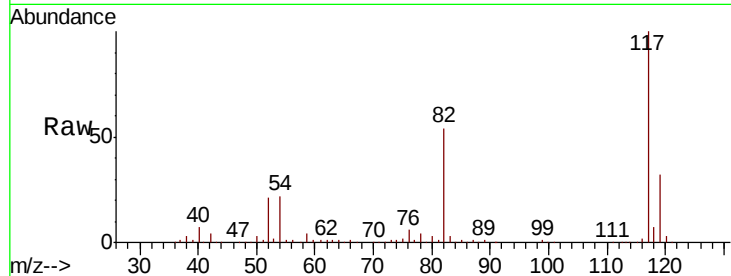




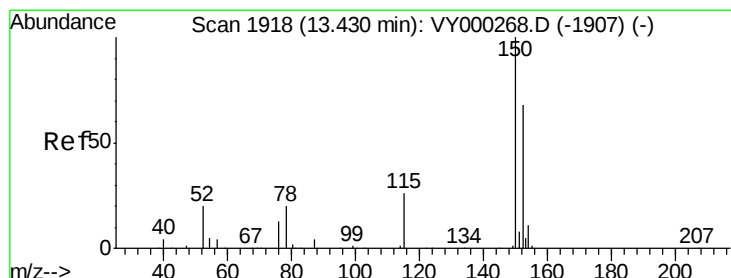
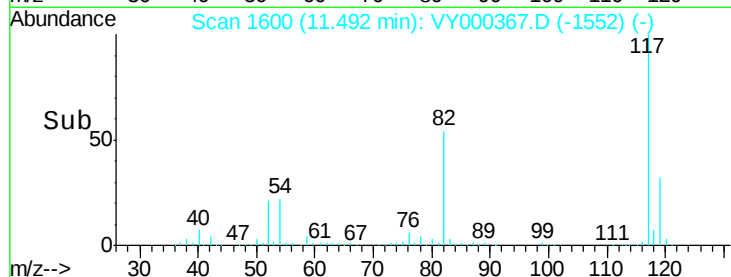
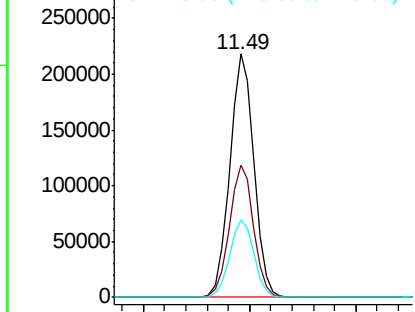
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000367.D
Acq: 22 Oct 2019 16:30

Instrument :
MSVOA_Y
ClientSampleId :
SLOAN-ROLL-OFF-COMP

Tot Ion:117 Resp: 344882
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 31.7 26.6 39.8

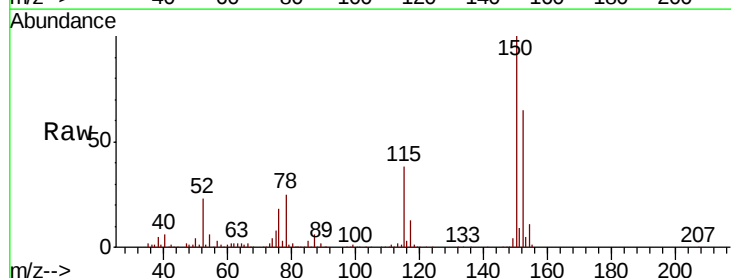


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000367.D
Acq: 22 Oct 2019 16:30

Tgt Ion:152 Resp: 148204
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 158.6 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

