

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000308.D
 Acq On : 14 Oct 2019 18:41
 Operator : SY/MD
 Sample : K5358-02
 Misc : 5.00g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20190897-AMENDED-COMP-KM-CA

Quant Time: Oct 15 02:19:41 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

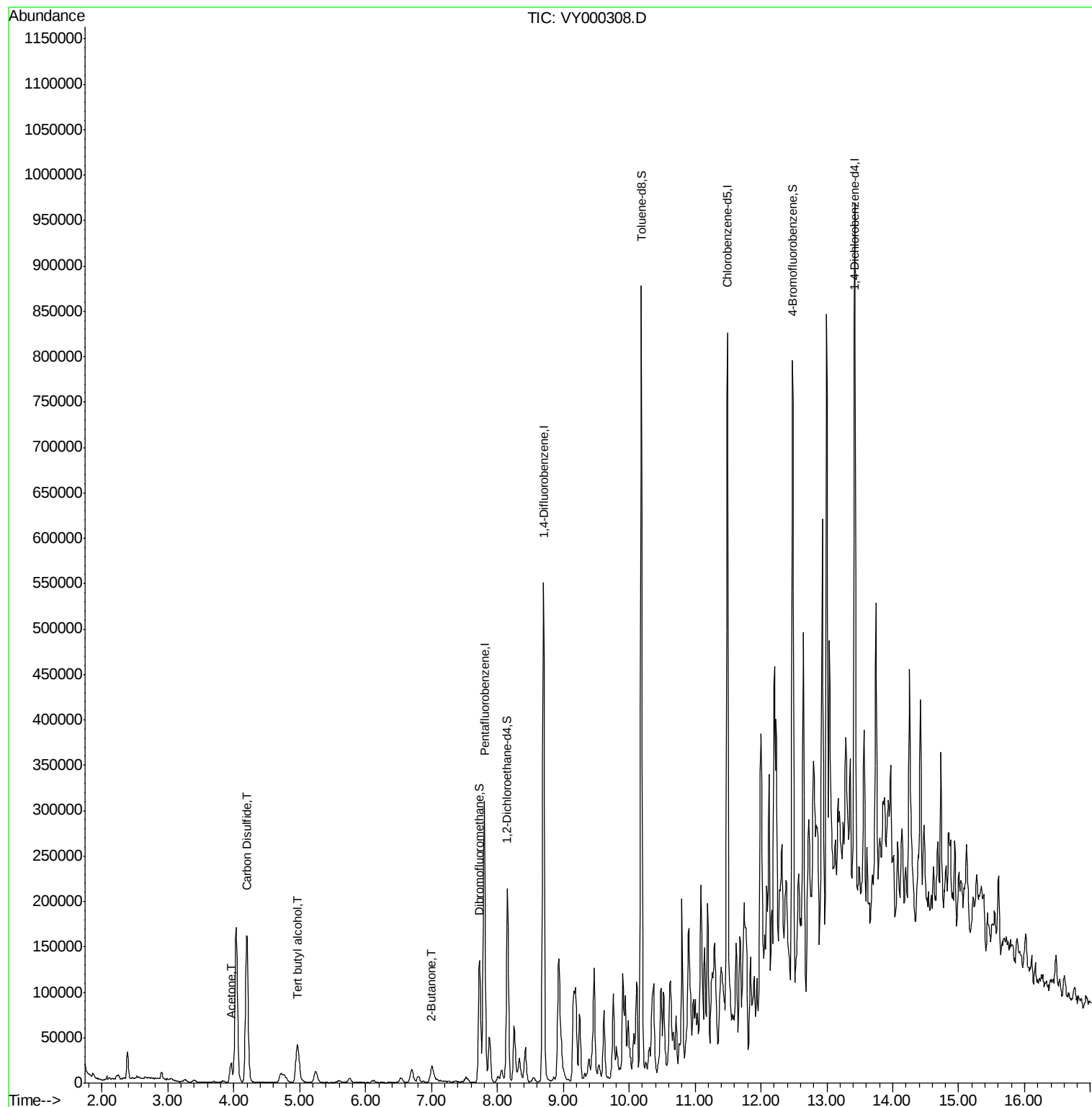
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	232934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	396632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	182188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	162096	65.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.94%	
35) Dibromofluoromethane	7.73	113	94282	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	
50) Toluene-d8	10.18	98	539097	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.48	95	194266	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
11) Tert butyl alcohol	4.97	59	90067	350.269	ug/l	99
16) Acetone	3.96	43	35991	45.231	ug/l	96
17) Carbon Disulfide	4.19	76	337963	45.627	ug/l	100
25) 2-Butanone	7.00	43	11225	10.014	ug/l	96

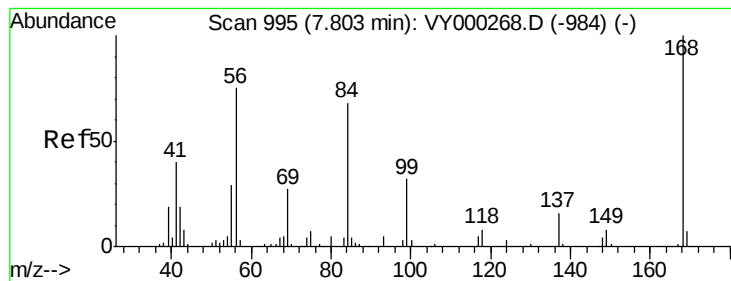
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
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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: VY000308.D

Acq: 14 Oct 2019 18:41

Instrument :

MSVOA_Y

ClientSampleId :

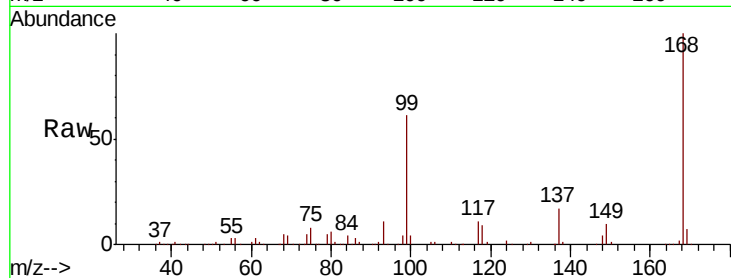
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Tot Ion:168 Resp: 232934

Ion Ratio Lower Upper

168 100

99 61.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000308.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000308.D (-946) (-)

7.80

100000

80000

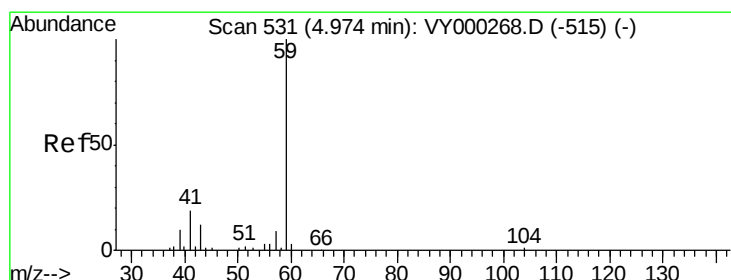
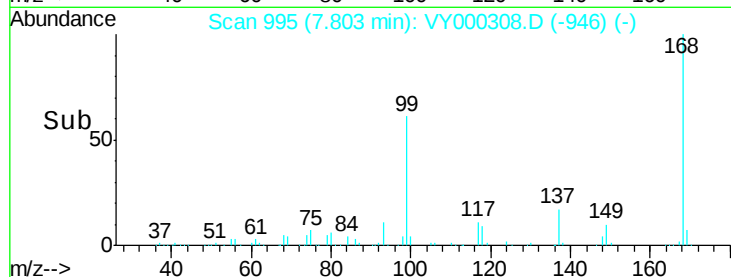
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 350.269 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.01 min

Lab File: VY000308.D

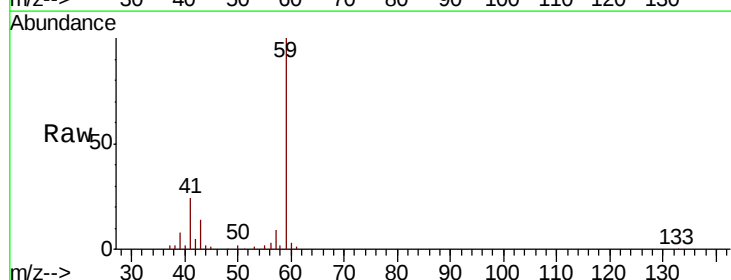
Acq: 14 Oct 2019 18:41

Tgt Ion: 59 Resp: 90067

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VY000308.D (-482) (-)

Ion 57.00 (56.70 to 57.70): VY000308.D (-482) (-)

4.97

25000

20000

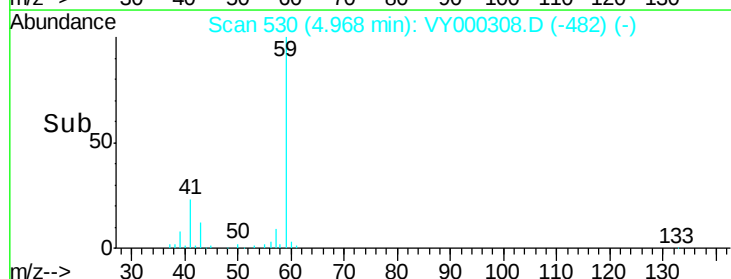
15000

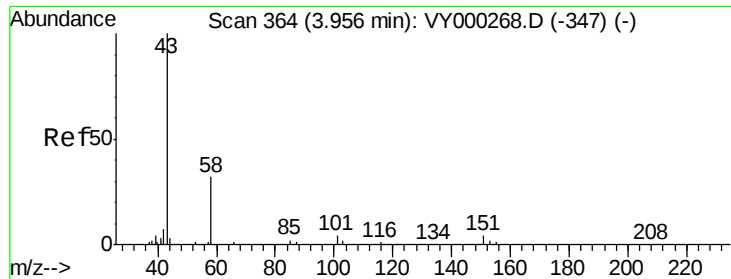
10000

5000

0

Time-->





#16

Acetone

Concen: 45.231 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000308.D

Acq: 14 Oct 2019 18:41

Instrument :

MSVOA_Y

ClientSampleId :

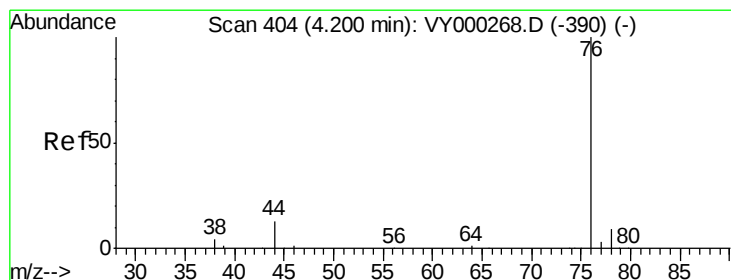
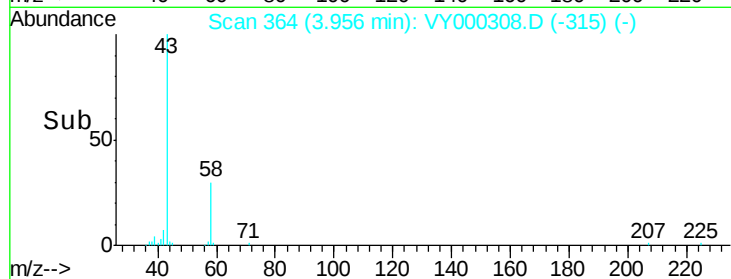
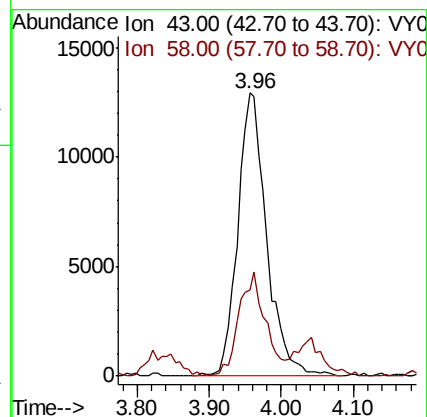
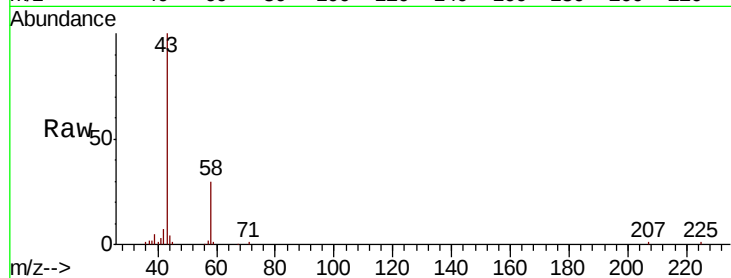
20190897-AMENDED-COMP-KM-CA

Tot Ion: 43 Resp: 35991

Ion Ratio Lower Upper

43 100

58 29.8 25.8 38.6



#17

Carbon Disulfide

Concen: 45.627 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000308.D

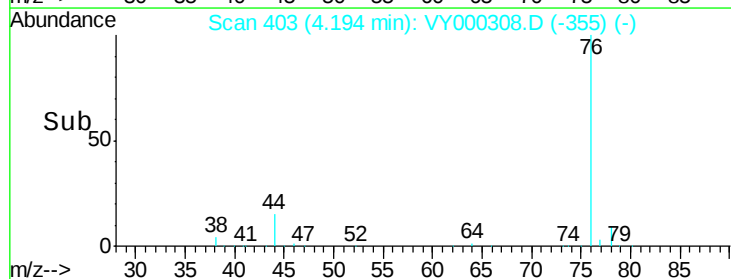
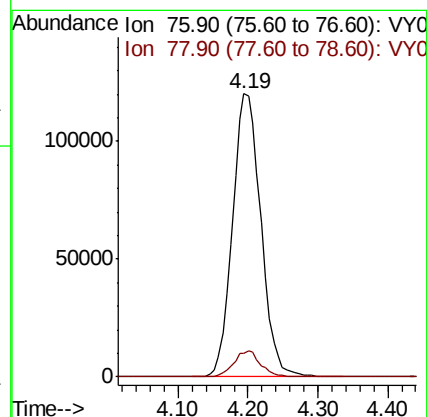
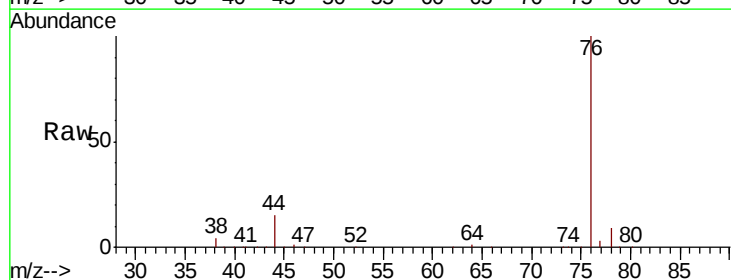
Acq: 14 Oct 2019 18:41

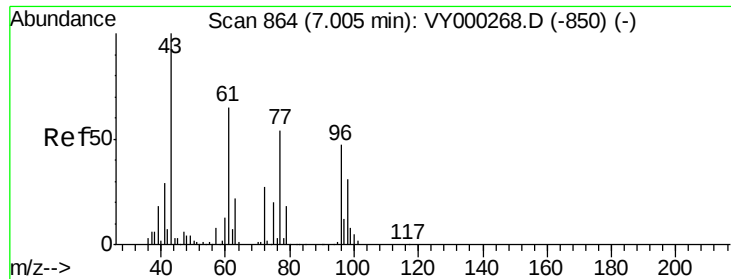
Tgt Ion: 76 Resp: 337963

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4





#25

2-Butanone

Concen: 10.014 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000308.D

Acq: 14 Oct 2019 18:41

Instrument :

MSVOA_Y

ClientSampleId :

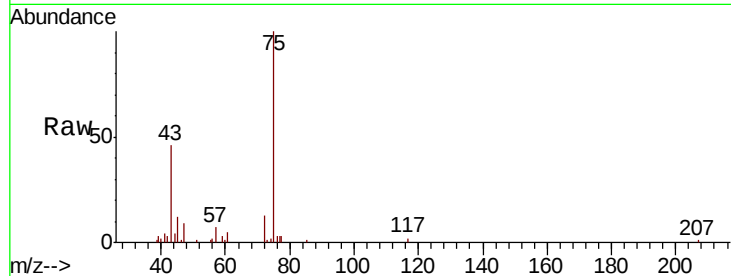
20190897-AMENDED-COMP-KM-CA

Tot Ion: 43 Resp: 11225

Ion Ratio Lower Upper

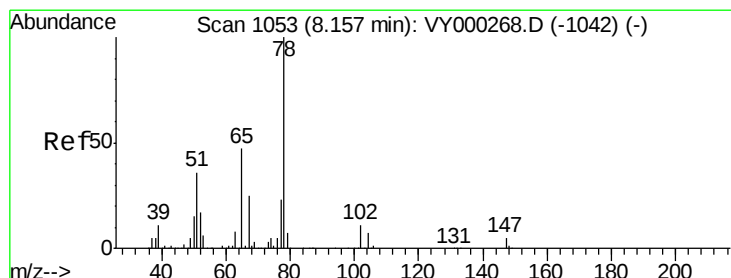
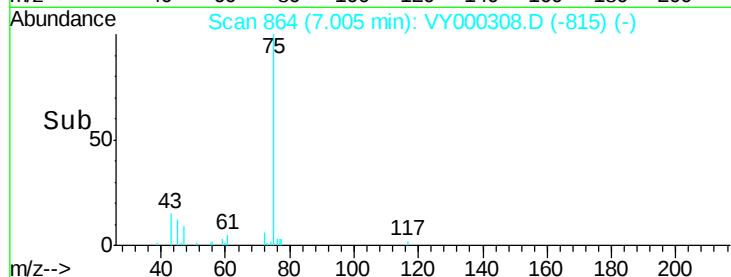
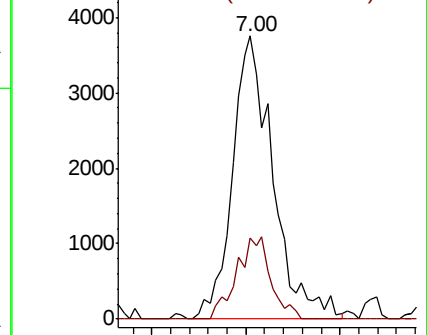
43 100

72 28.6 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 65.971 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000308.D

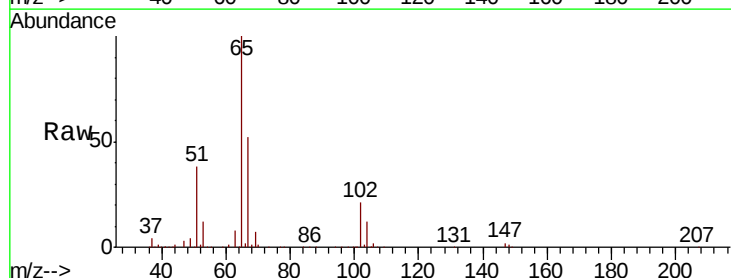
Acq: 14 Oct 2019 18:41

Tgt Ion: 65 Resp: 162096

Ion Ratio Lower Upper

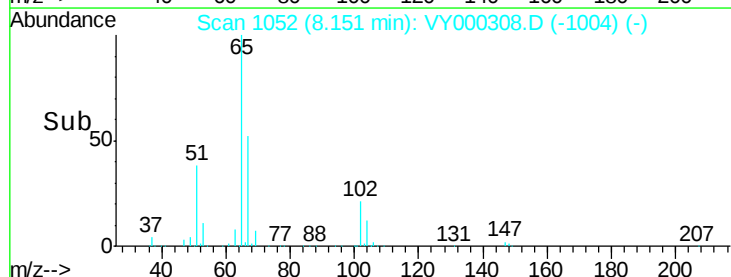
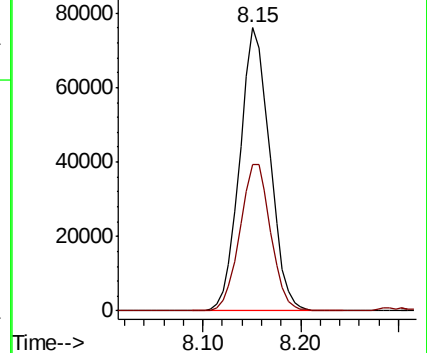
65 100

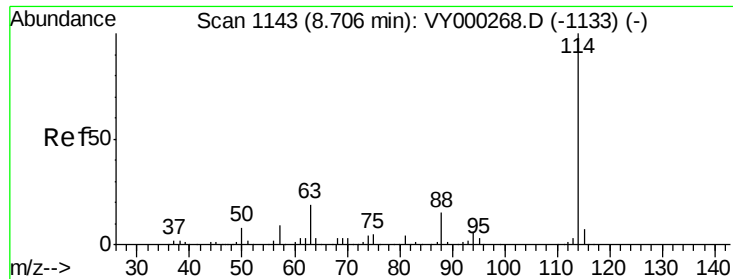
67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

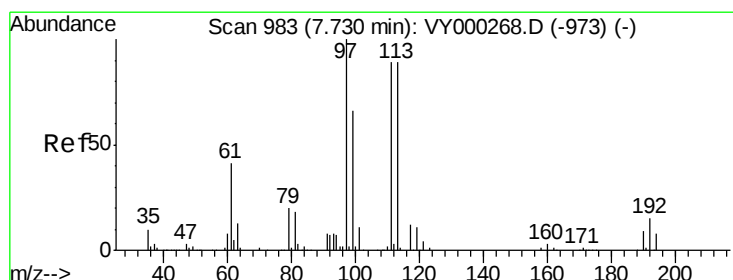
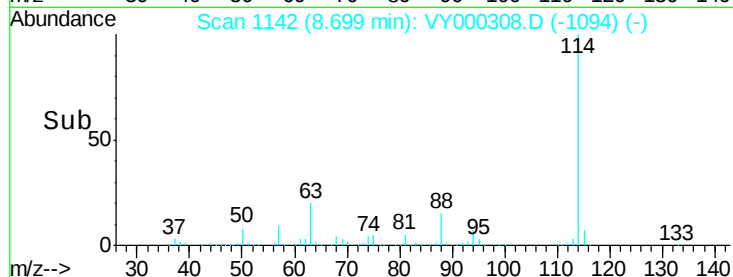
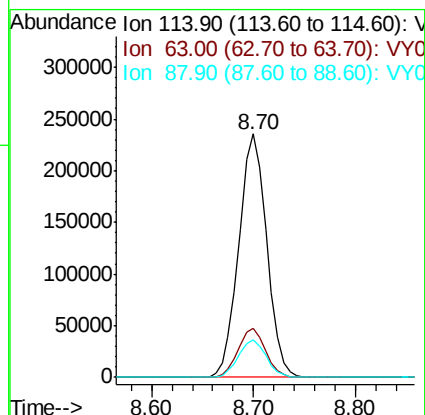
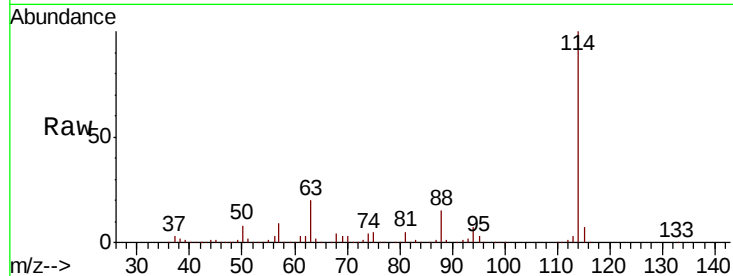




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY000308.D
Acq: 14 Oct 2019 18:41

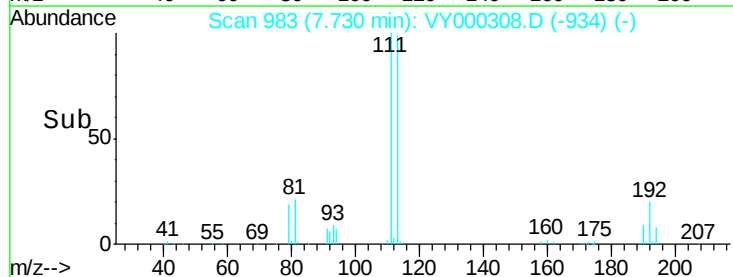
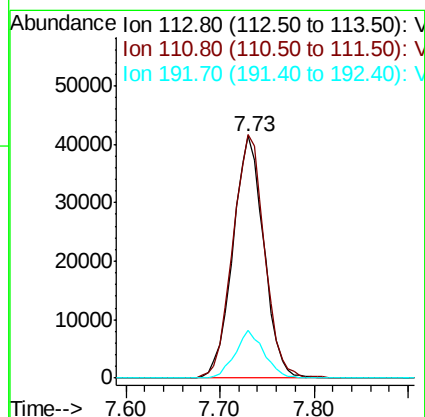
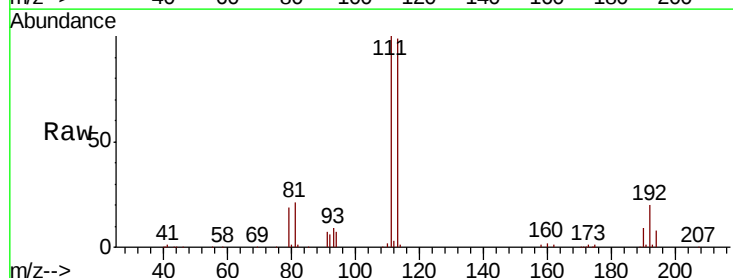
Instrument :
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20190897-AMENDED-COMP-KM-CA

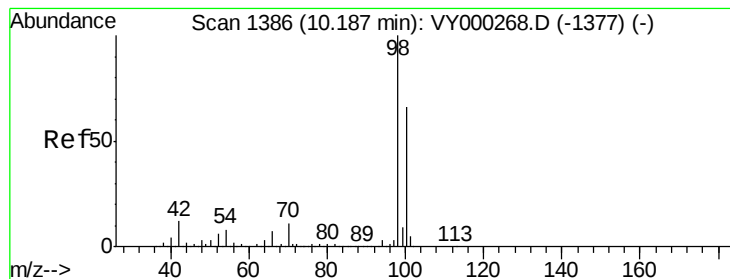
Tot Ion:114 Resp: 445787
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.2
88 15.5 0.0 30.2



#35
Dibromofluoromethane
Concen: 35.062 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000308.D
Acq: 14 Oct 2019 18:41

Tgt Ion:113 Resp: 94282
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 18.5 15.3 22.9





#50

Toluene-d8

Concen: 52.117 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000308.D

Acq: 14 Oct 2019 18:41

Instrument :

MSVOA_Y

ClientSampleId :

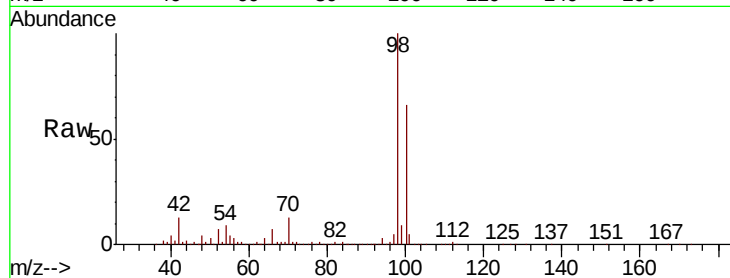
20190897-AMENDED-COMP-KM-CA

Tot Ion: 98 Resp: 539097

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

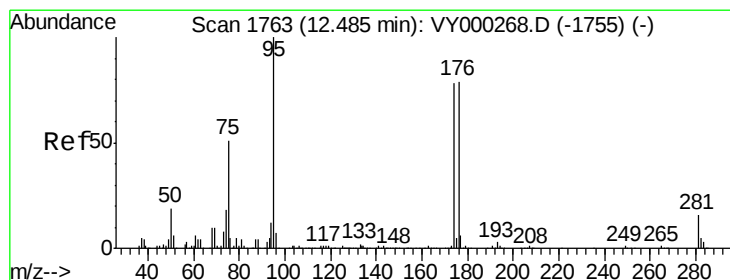
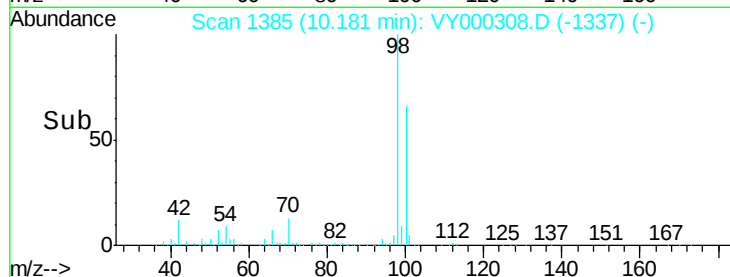
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.434 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000308.D

Acq: 14 Oct 2019 18:41

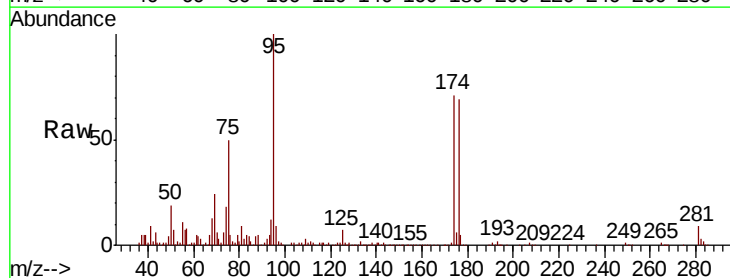
Tgt Ion: 95 Resp: 194266

Ion Ratio Lower Upper

95 100

174 73.1 0.0 159.6

176 70.8 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

12.48

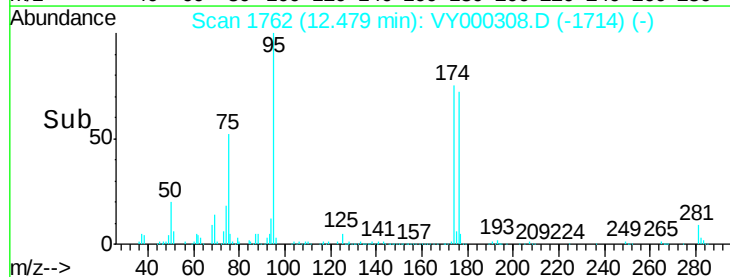
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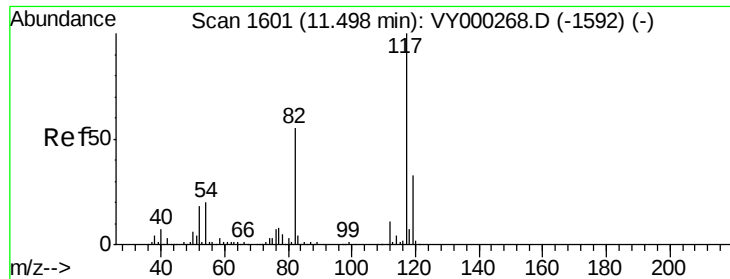
100000

50000

0

Time-->

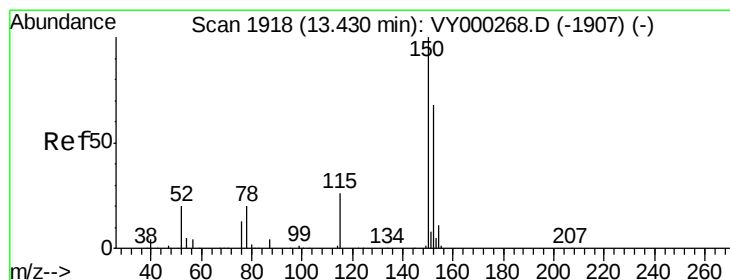
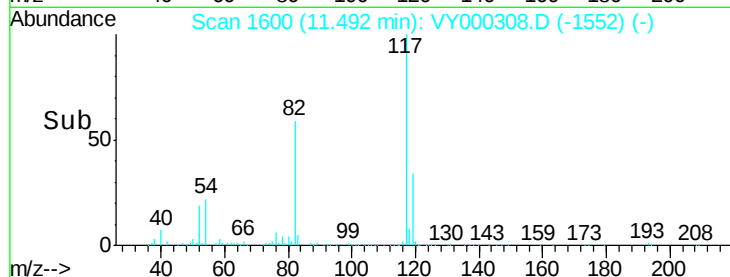
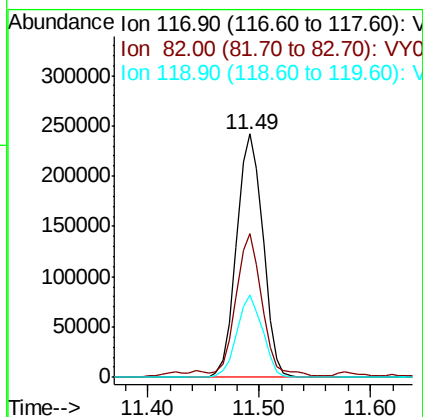
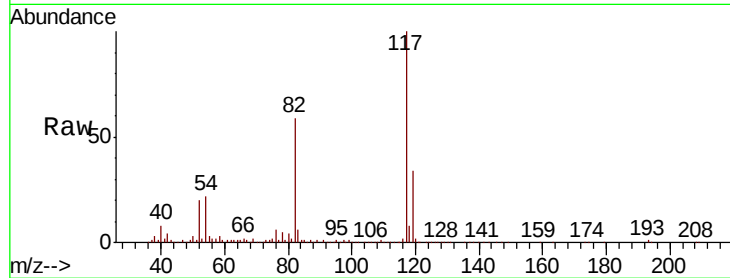




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000308.D
Acq: 14 Oct 2019 18:41

Instrument :
MSVOA_Y
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tot Ion:117 Resp: 396632
Ion Ratio Lower Upper
117 100
82 57.3 43.7 65.5
119 33.9 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: VY000308.D
Acq: 14 Oct 2019 18:41

Tgt Ion:152 Resp: 182188
Ion Ratio Lower Upper
152 100
115 61.5 29.3 88.0
150 156.1 0.0 348.4

