

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000307.D
 Acq On : 14 Oct 2019 18:18
 Operator : SY/MD
 Sample : K5358-01
 Misc : 5.01g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20190896-COMP-KM-CA

Quant Time: Oct 15 02:16:12 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

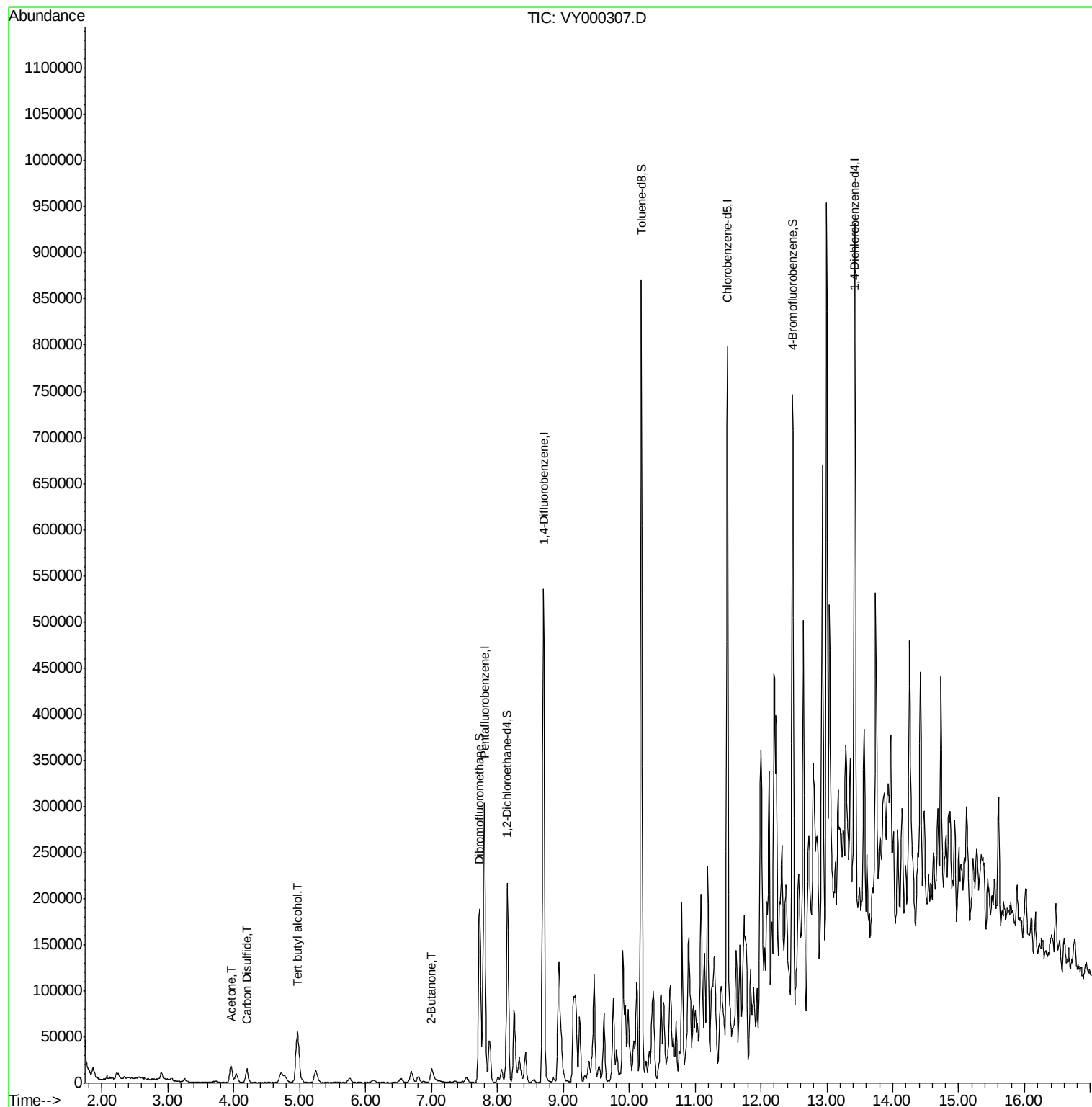
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	447766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	394552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156894	63.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.44%	
35) Dibromofluoromethane	7.73	113	134505	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.18	98	528489	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.48	95	191073	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
11) Tert butyl alcohol	4.96	59	114192	443.180	ug/l	100
16) Acetone	3.96	43	31489	39.492	ug/l	93
17) Carbon Disulfide	4.20	76	26845	3.617	ug/l	99
25) 2-Butanone	7.01	43	12340	10.986	ug/l	99

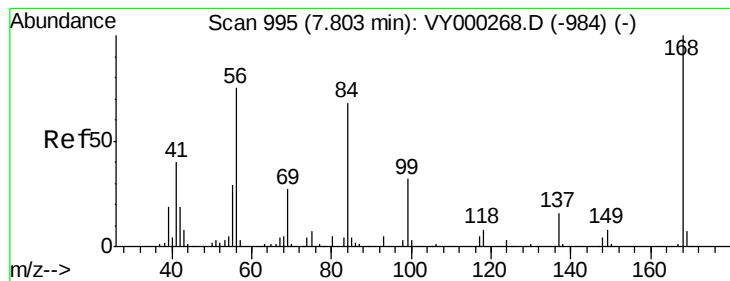
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000307.D

Acq: 14 Oct 2019 18:18

Instrument :

MSVOA_Y

ClientSampleId :

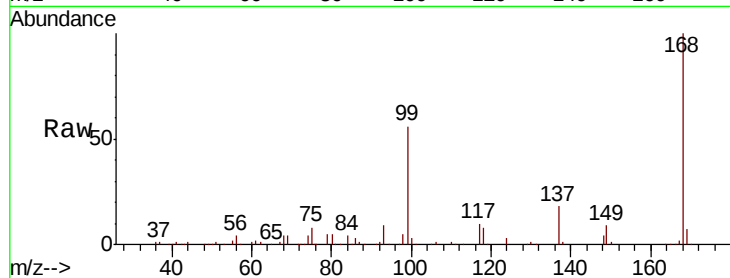
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Tot Ion:168 Resp: 233413

Ion Ratio Lower Upper

168 100

99 56.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000307.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000307.D (-946) (-)

7.80

100000

80000

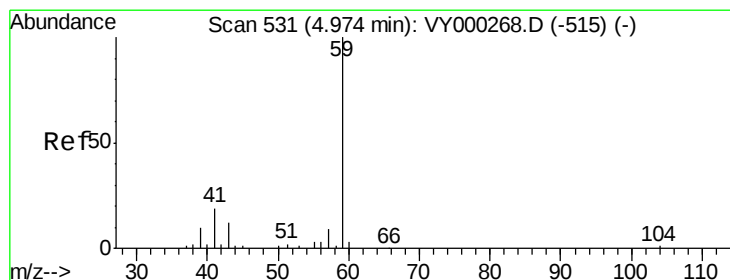
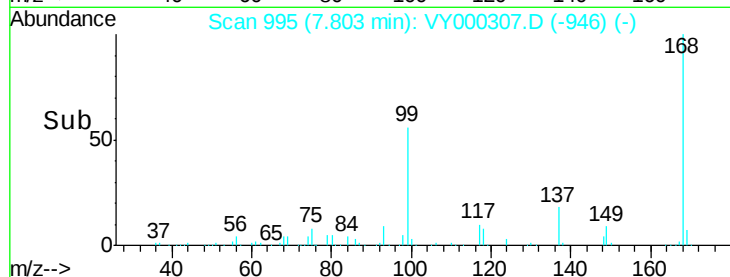
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 443.180 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY000307.D

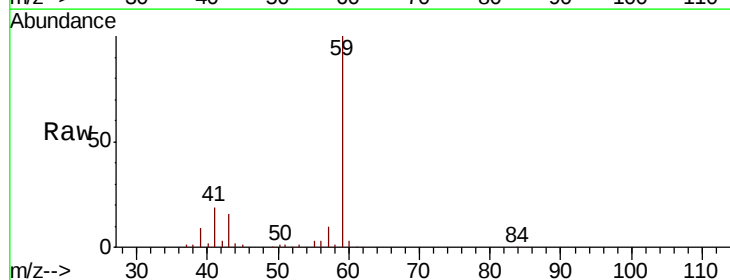
Acq: 14 Oct 2019 18:18

Tgt Ion: 59 Resp: 114192

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VY000307.D (-482) (-)

Ion 57.00 (56.70 to 57.70): VY000307.D (-482) (-)

4.96

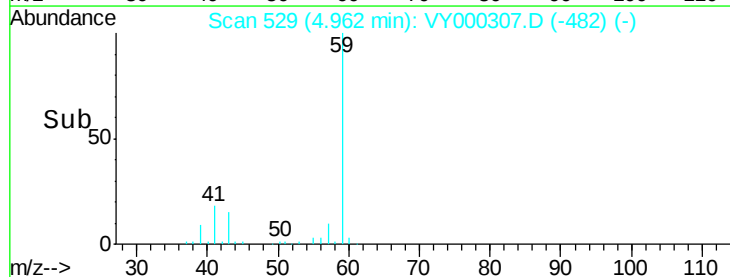
30000

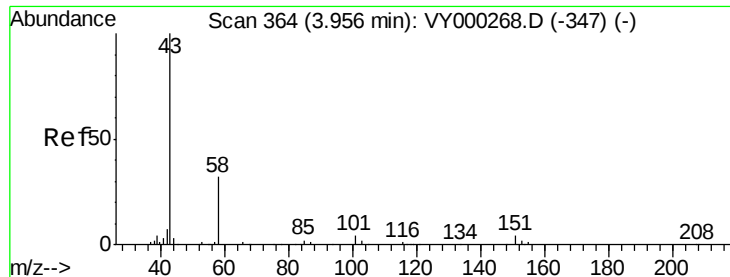
20000

10000

0

Time-->





#16

Acetone

Concen: 39.492 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000307.D

Acq: 14 Oct 2019 18:18

Instrument :

MSVOA_Y

ClientSampleId :

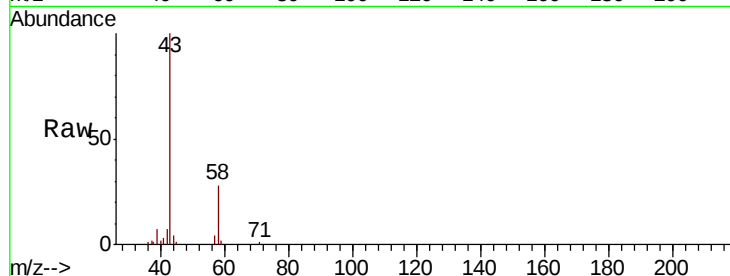
20190896-COMP-KM-CA

Tot Ion: 43 Resp: 31489

Ion Ratio Lower Upper

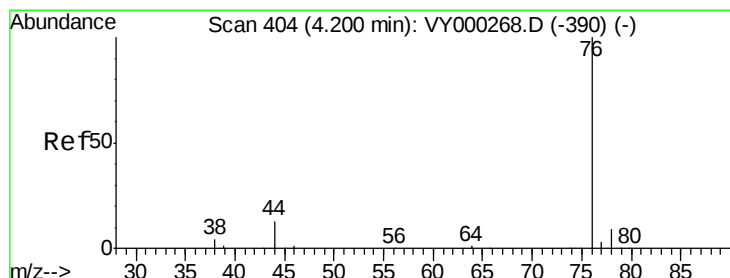
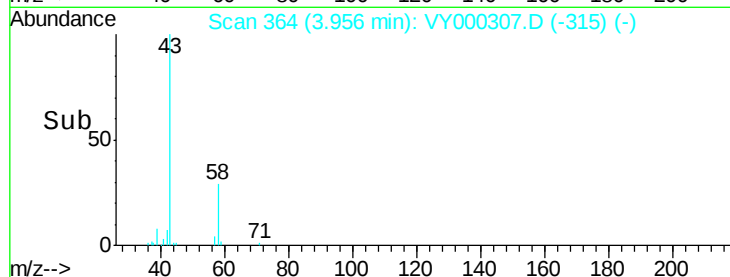
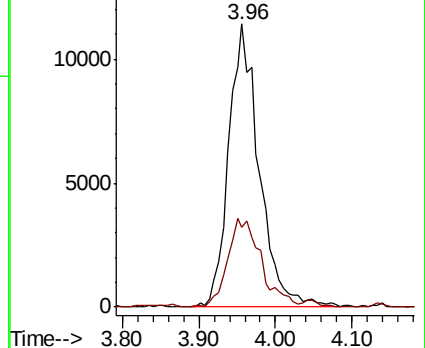
43 100

58 28.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 3.617 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000307.D

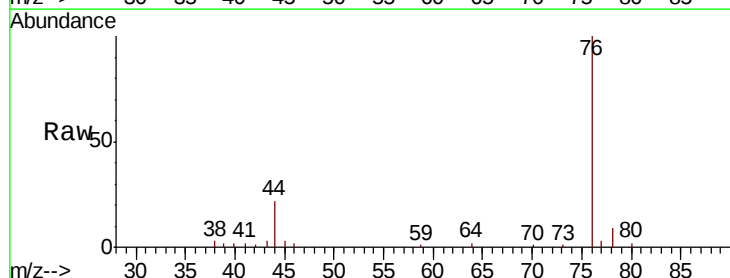
Acq: 14 Oct 2019 18:18

Tgt Ion: 76 Resp: 26845

Ion Ratio Lower Upper

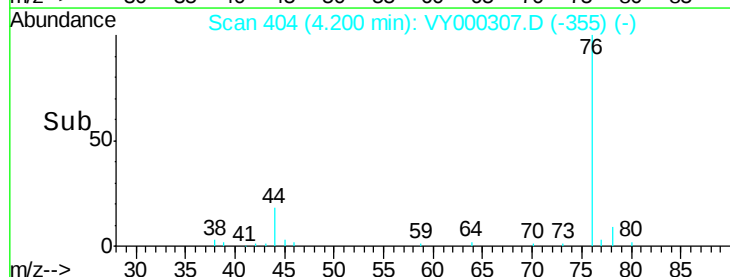
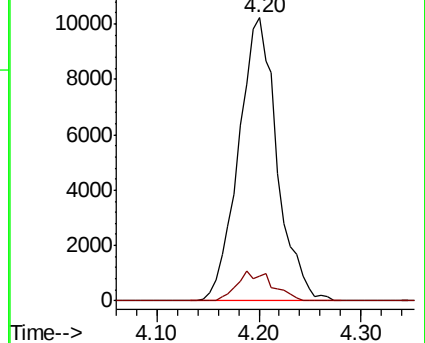
76 100

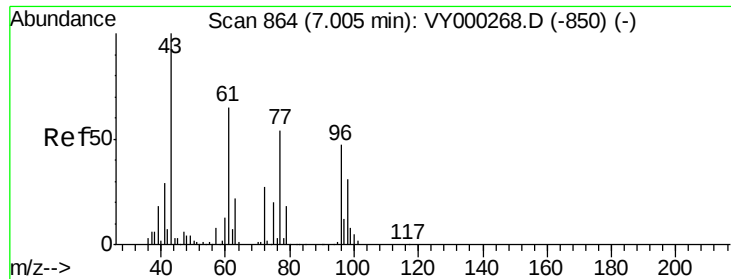
78 8.9 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0





#25

2-Butanone

Concen: 10.986 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000307.D

Acq: 14 Oct 2019 18:18

Instrument :

MSVOA_Y

ClientSampleId :

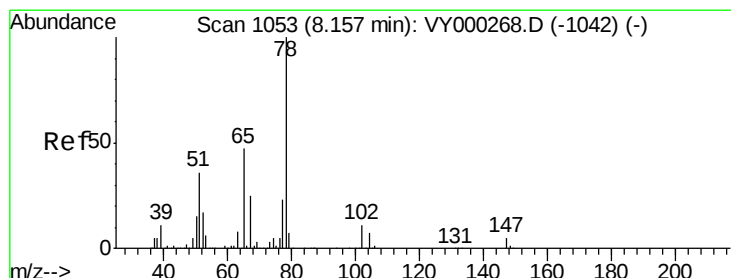
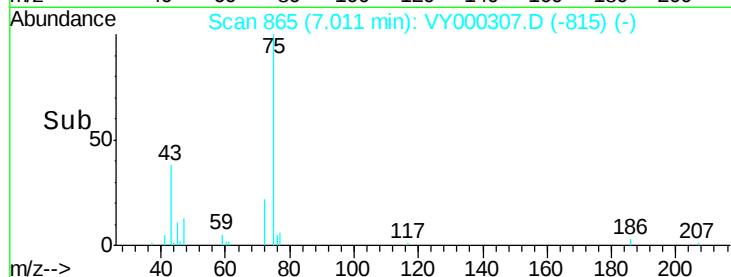
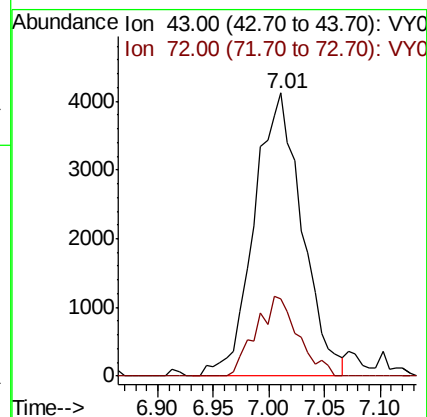
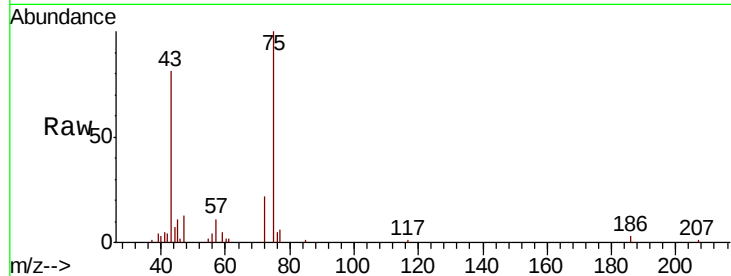
20190896-COMP-KM-CA

Tot Ion: 43 Resp: 12340

Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.2



#33

1,2-Dichloroethane-d4

Concen: 63.723 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000307.D

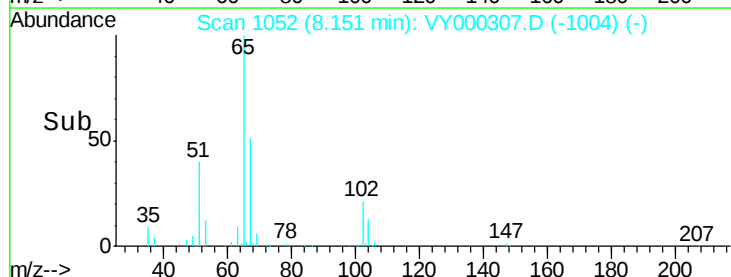
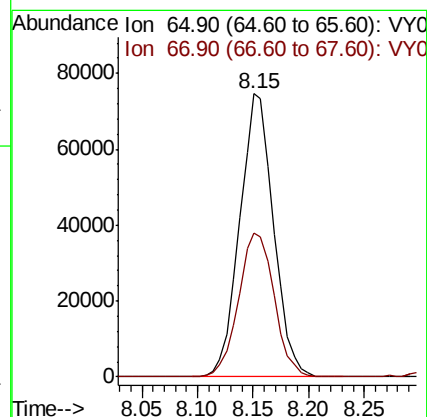
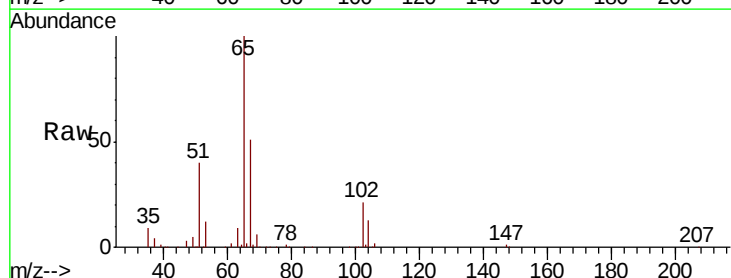
Acq: 14 Oct 2019 18:18

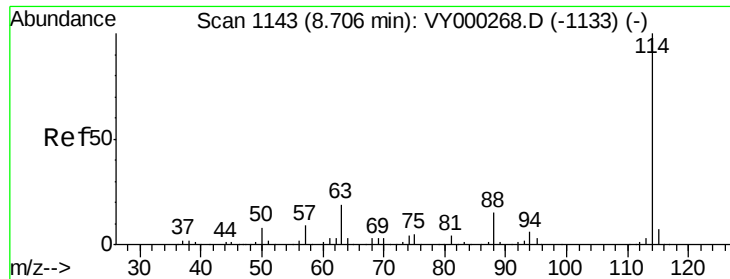
Tgt Ion: 65 Resp: 156894

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.4

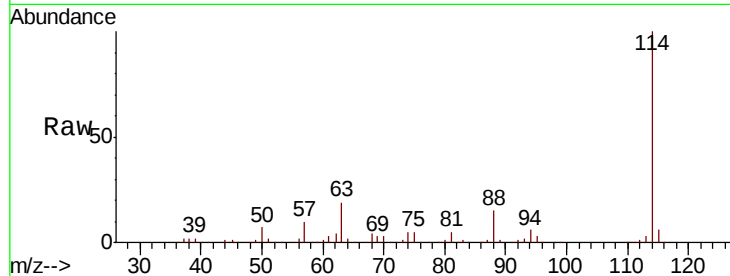




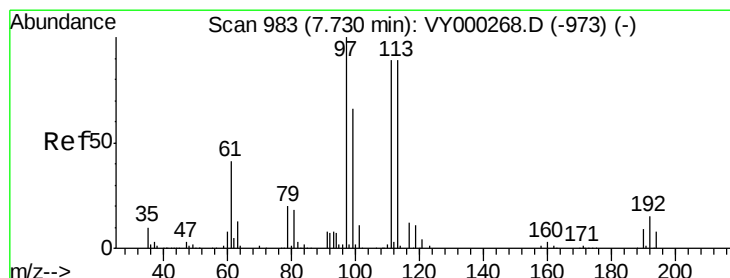
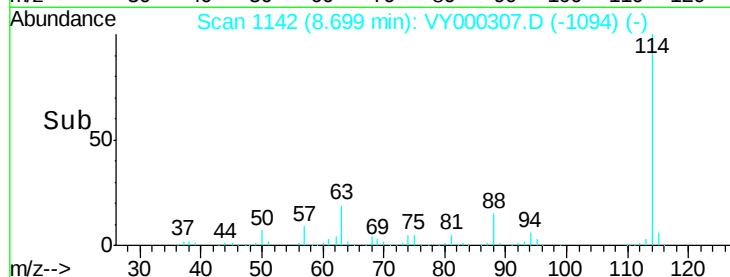
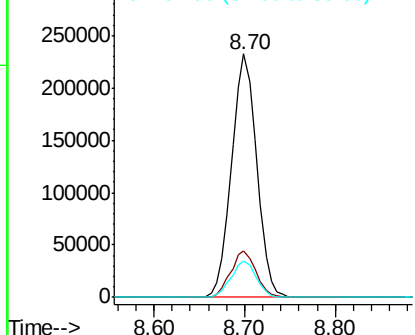
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000307.D
 Acq: 14 Oct 2019 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 20190896-COMP-KM-CA

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.2
88	14.9	0.0	30.2

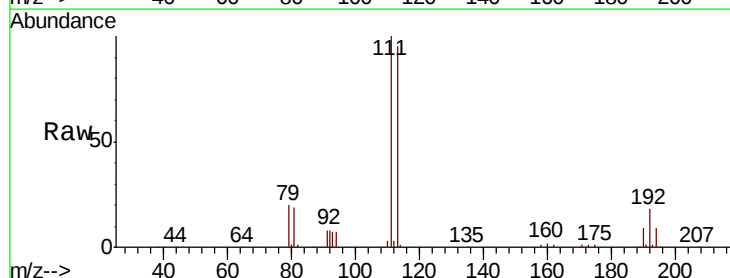


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

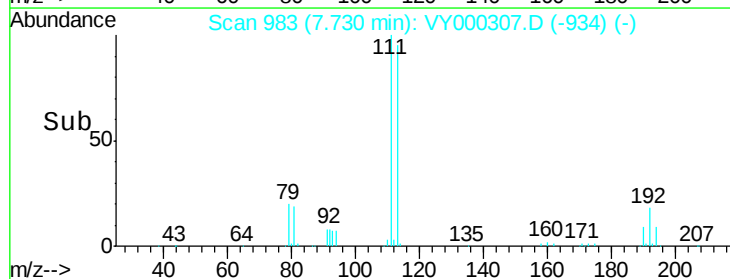
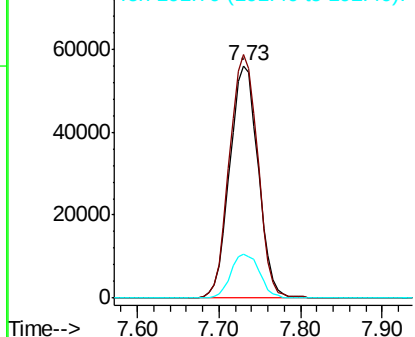


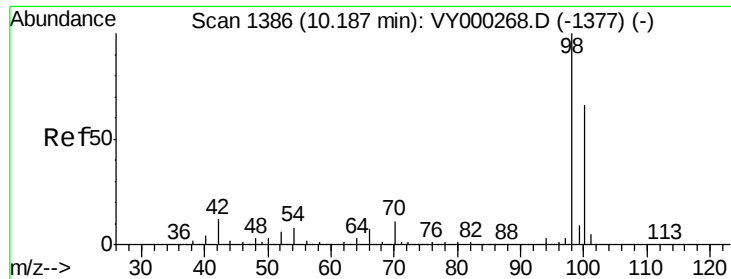
#35
 Dibromofluoromethane
 Concen: 49.799 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000307.D
 Acq: 14 Oct 2019 18:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	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

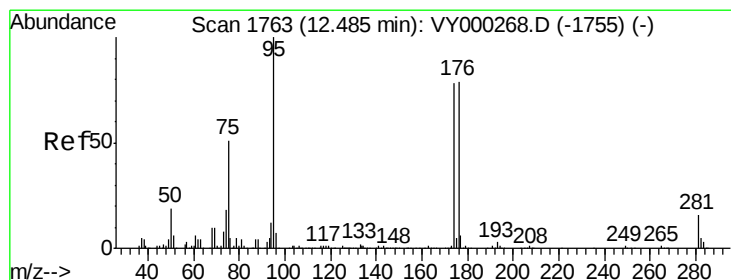
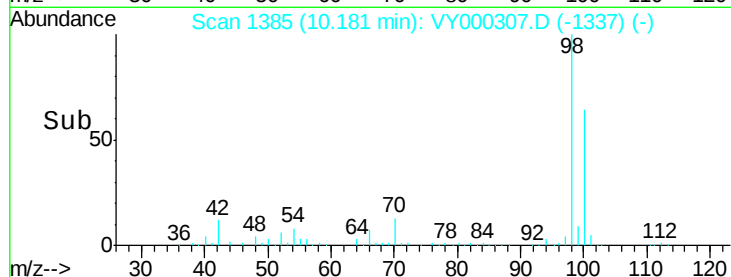
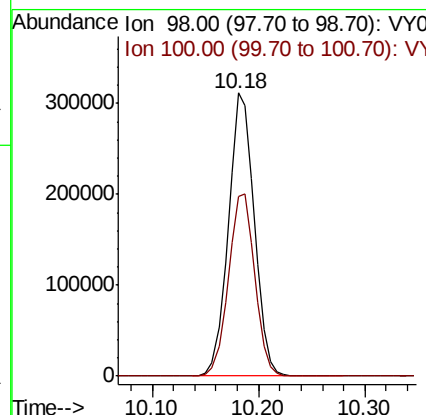
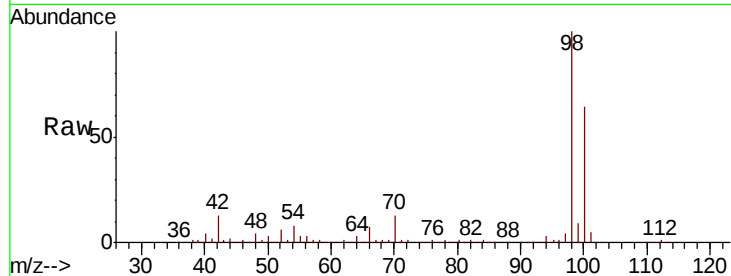




#50
Toluene-d8
Concen: 50.866 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000307.D
Acq: 14 Oct 2019 18:18

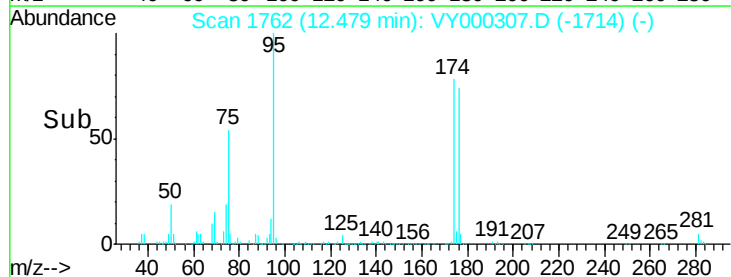
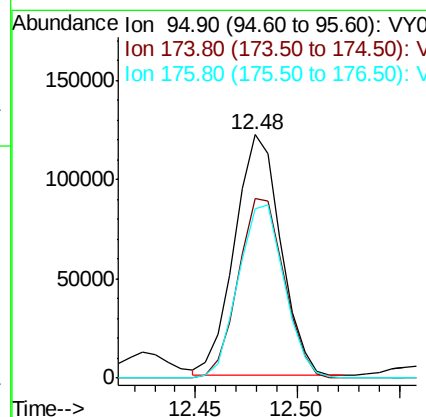
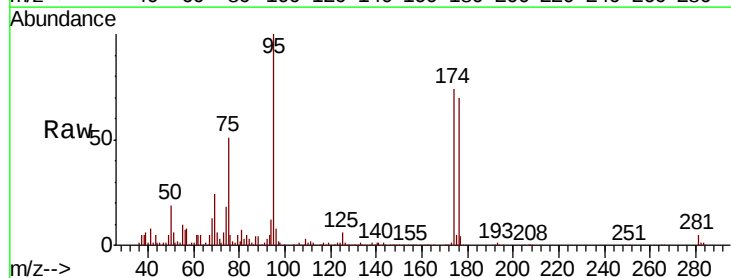
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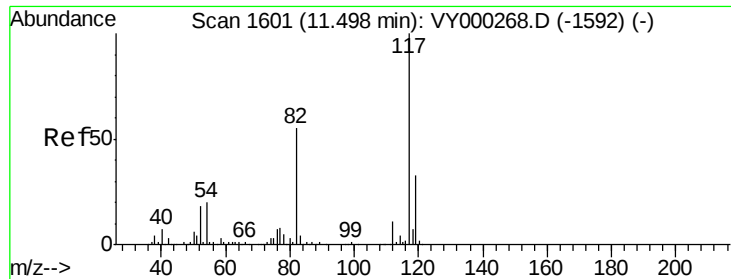
Tot Ion: 98 Resp: 528489
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.407 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000307.D
Acq: 14 Oct 2019 18:18

Tgt Ion: 95 Resp: 191073
Ion Ratio Lower Upper
95 100
174 74.7 0.0 159.6
176 72.0 0.0 153.8

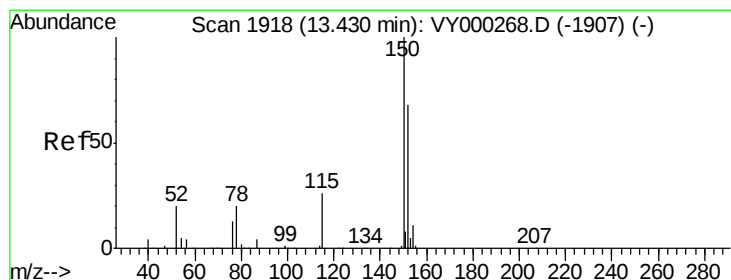
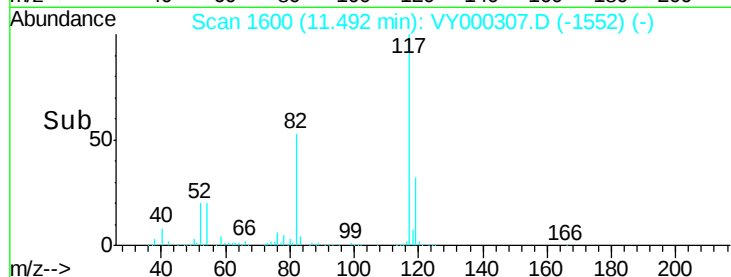
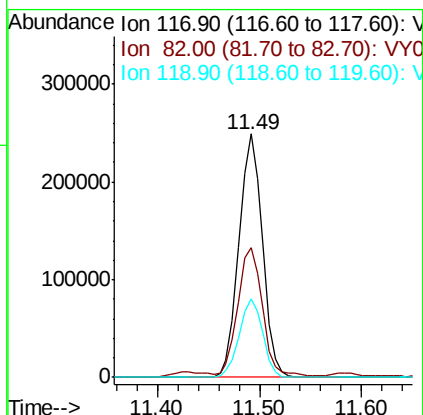
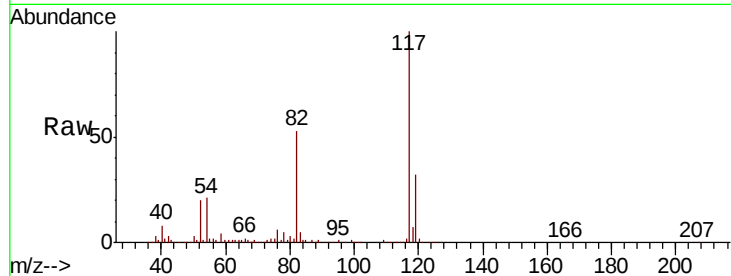




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000307.D
Acq: 14 Oct 2019 18:18

Instrument :
MSVOA_Y
ClientSampleId :
20190896-COMP-KM-CA

Tot Ion:117 Resp: 394552
Ion Ratio Lower Upper
117 100
82 51.6 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: VY000307.D
Acq: 14 Oct 2019 18:18

Tgt Ion:152 Resp: 185132
Ion Ratio Lower Upper
152 100
115 59.4 29.3 88.0
150 151.4 0.0 348.4

