

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001855.D
 Acq On : 04 Mar 2020 15:50
 Operator : SY/MD
 Sample : L1748-01
 Misc : 6.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-030320

Quant Time: Mar 05 04:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

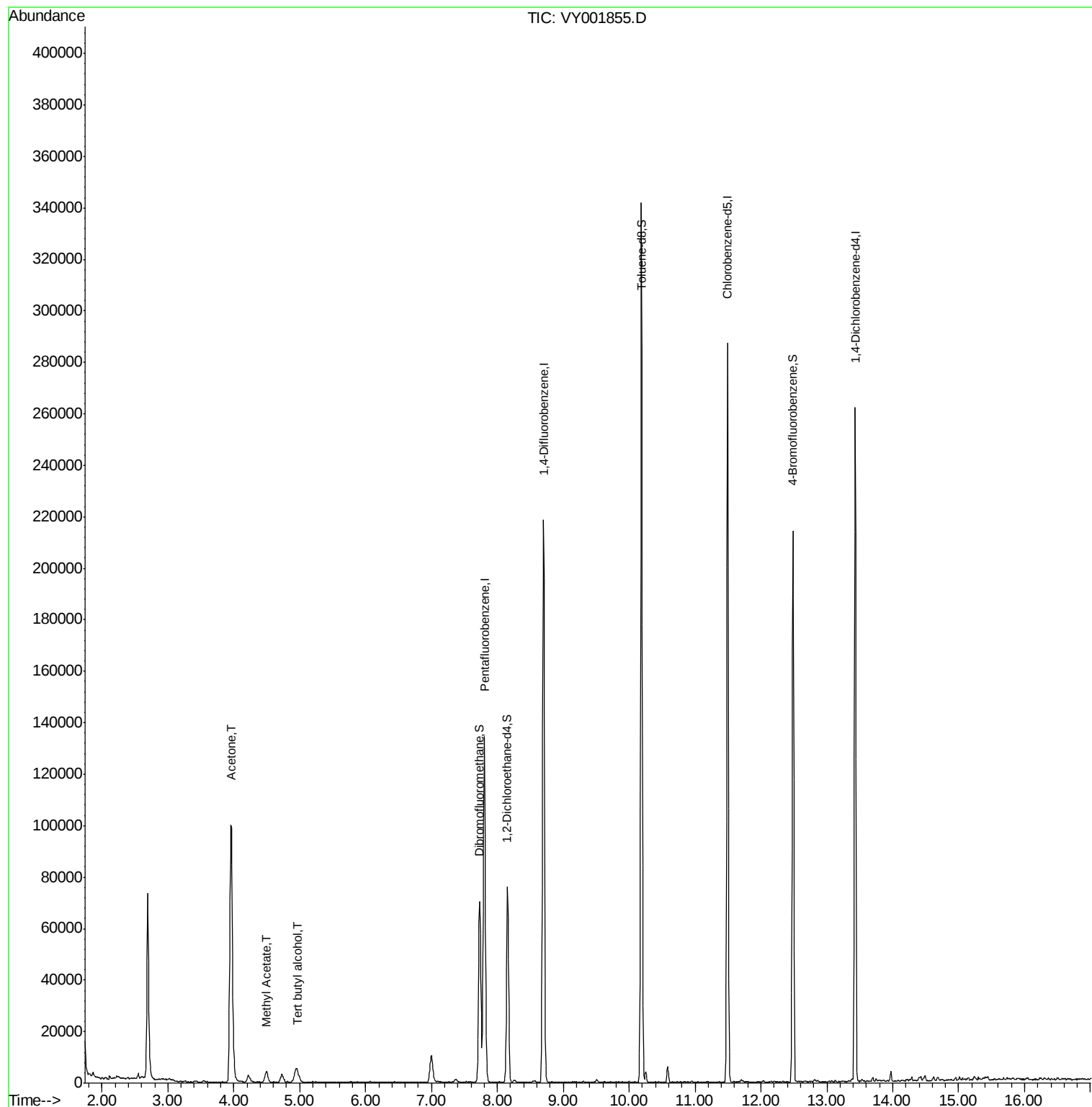
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	100930	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	183492	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	154466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	61423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	58051	53.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.73	113	51568	51.47	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	10.19	98	218406	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.49	95	68141	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
11) Tert butyl alcohol	4.97	59	9314	66.490	ug/l #	87
16) Acetone	3.96	43	174256	555.254	ug/l	99
18) Methyl Acetate	4.49	43	9056	11.231	ug/l	98

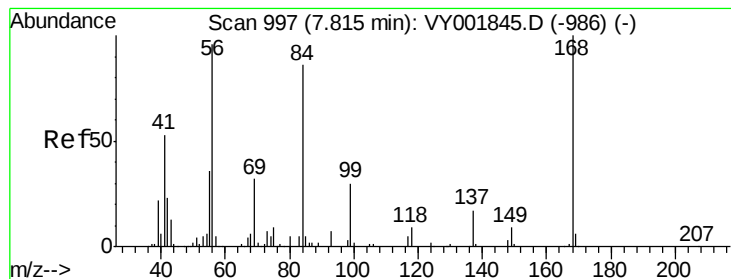
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001855.D

Acq: 04 Mar 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

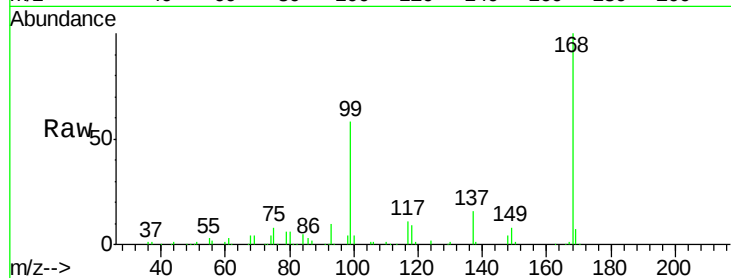
AU-06-030320

Tot Ion:168 Resp: 100930

Ion Ratio Lower Upper

168 100

99 58.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

40000

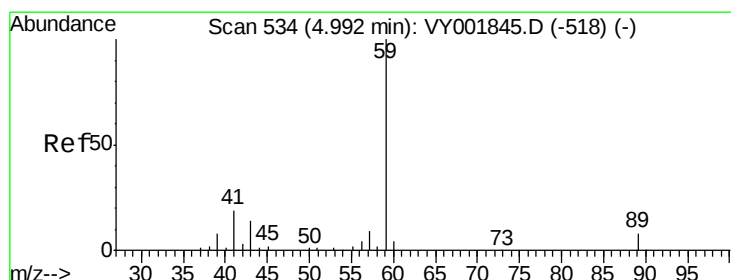
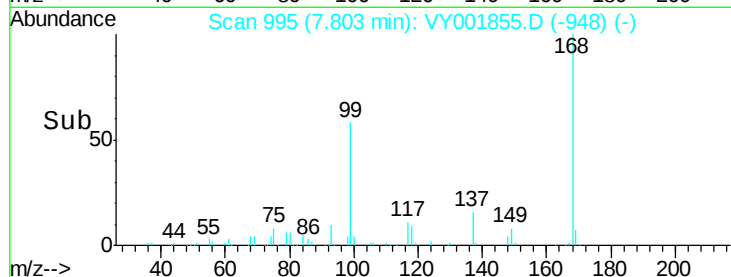
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 66.490 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.02 min

Lab File: VY001855.D

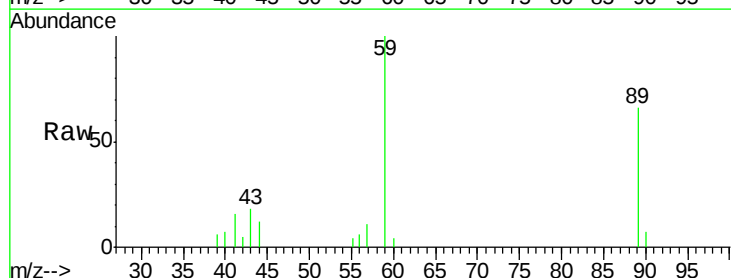
Acq: 04 Mar 2020 15:50

Tgt Ion: 59 Resp: 9314

Ion Ratio Lower Upper

59 100

57 4.5 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001845.D (-518) (-)

Ion 57.00 (56.70 to 57.70): VY001845.D (-518) (-)

4.97

2000

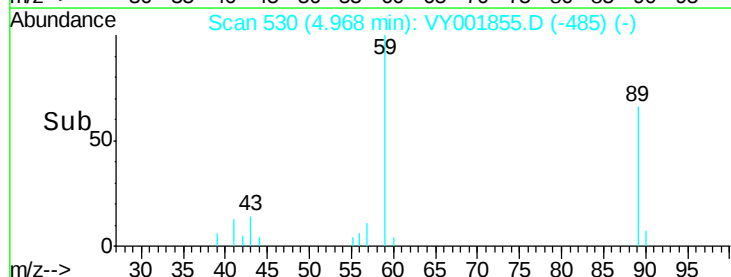
1500

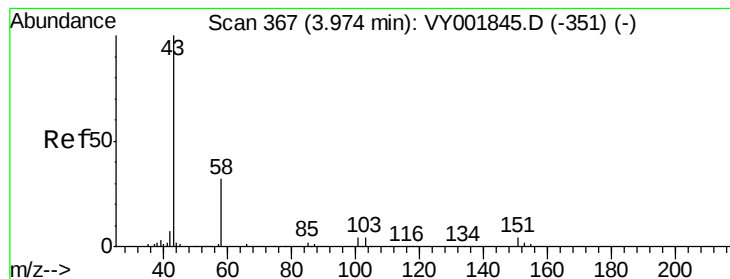
1000

500

0

Time-->





#16

Acetone

Concen: 555.254 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001855.D

Acq: 04 Mar 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

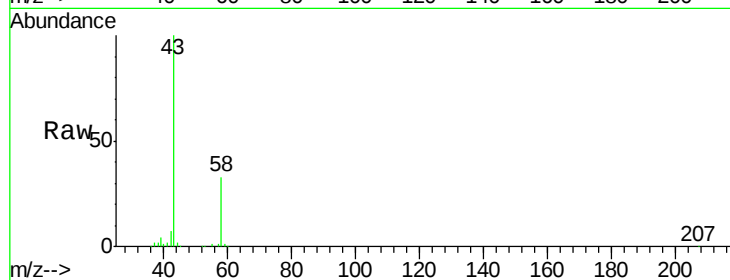
AU-06-030320

Tot Ion: 43 Resp: 174256

Ion Ratio Lower Upper

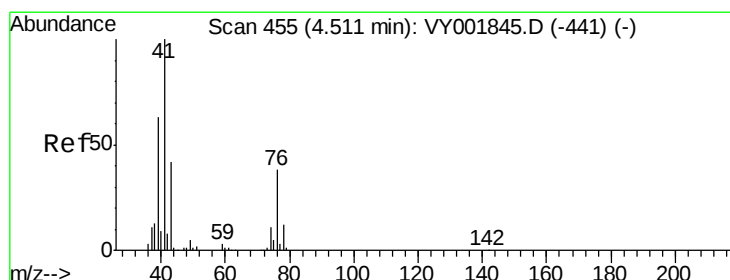
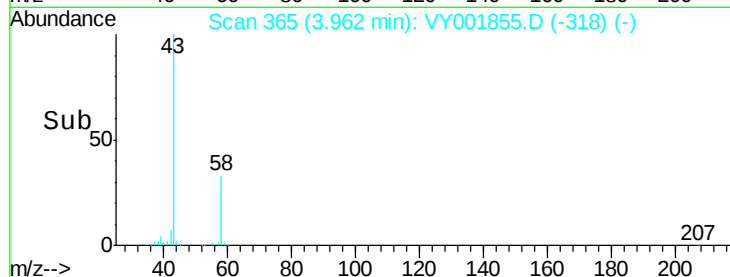
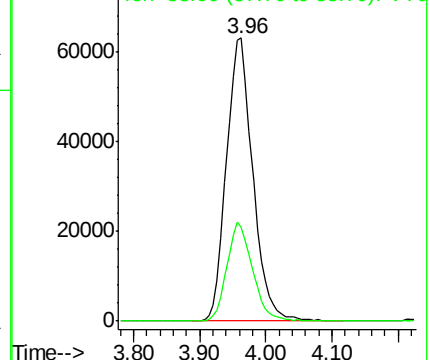
43 100

58 33.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 11.231 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001855.D

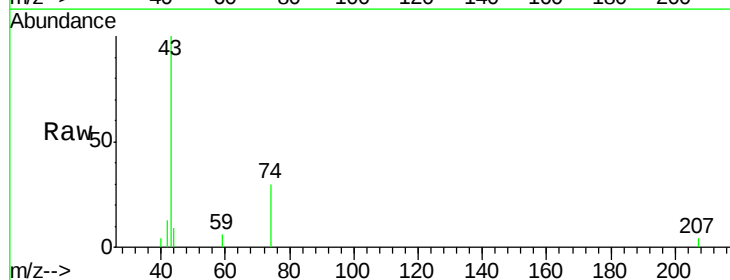
Acq: 04 Mar 2020 15:50

Tgt Ion: 43 Resp: 9056

Ion Ratio Lower Upper

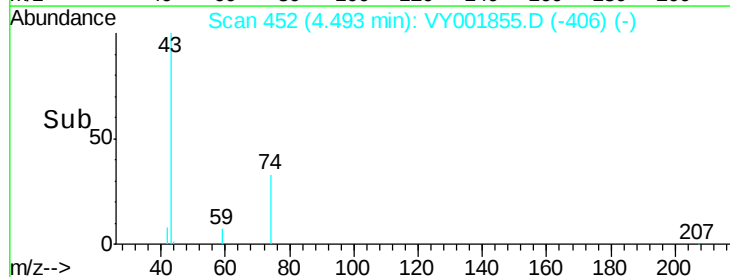
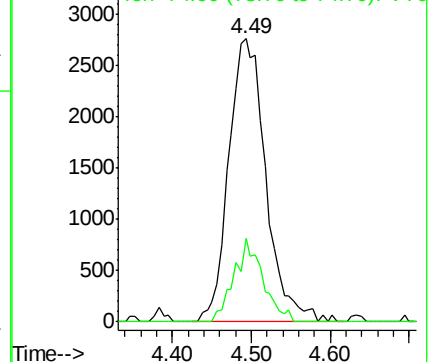
43 100

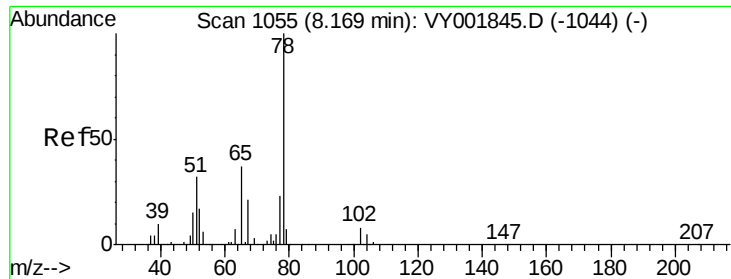
74 22.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

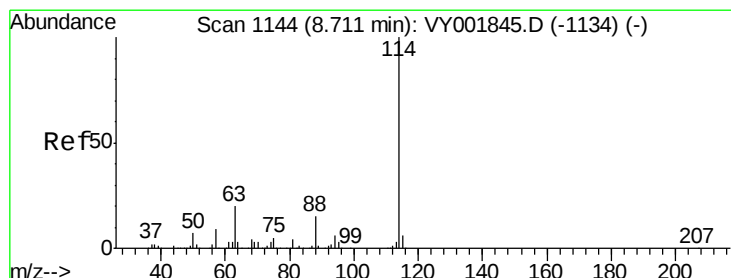
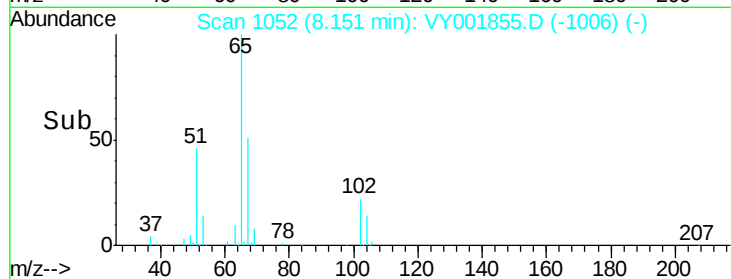
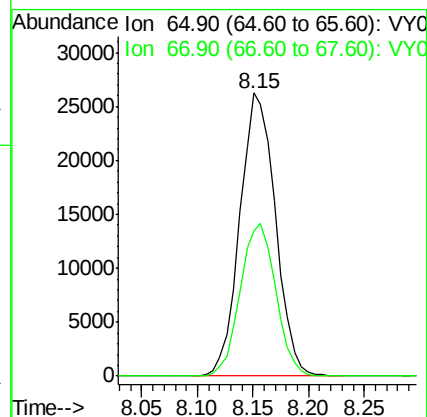
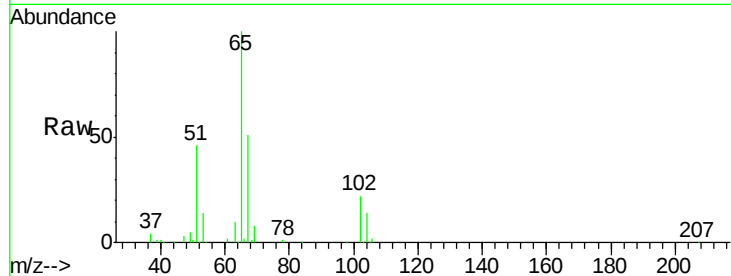




#33
 1,2-Dichloroethane-d4
 Concen: 53.876 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001855.D
 Acq: 04 Mar 2020 15:50

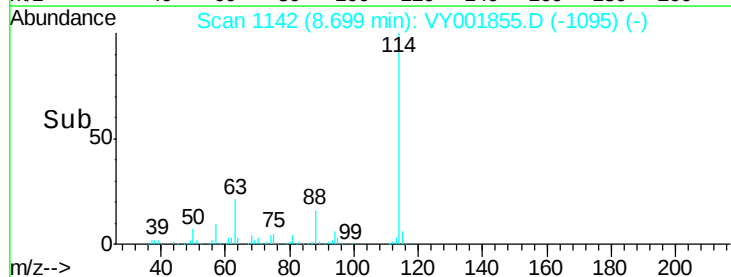
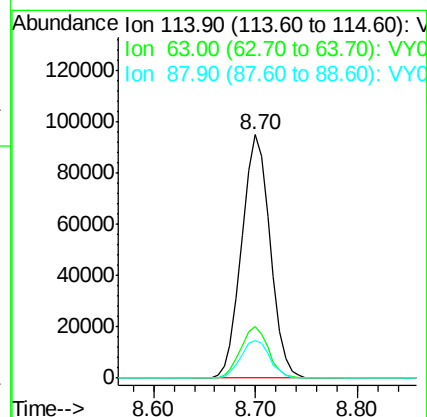
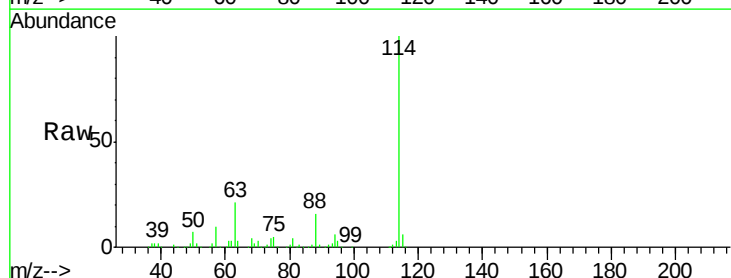
Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-030320

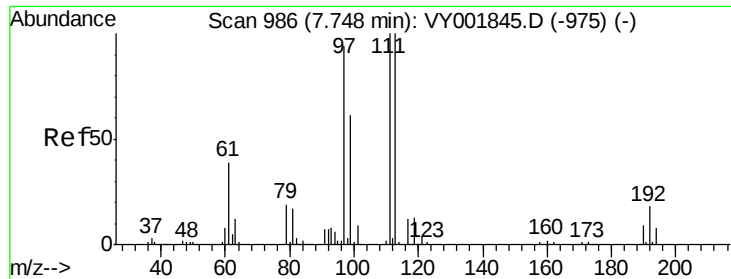
Tot Ion: 65 Resp: 58051
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001855.D
 Acq: 04 Mar 2020 15:50

Tgt Ion: 114 Resp: 183492
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.4
 88 15.6 0.0 30.4

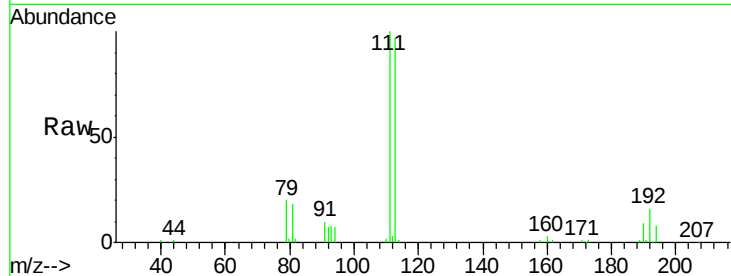




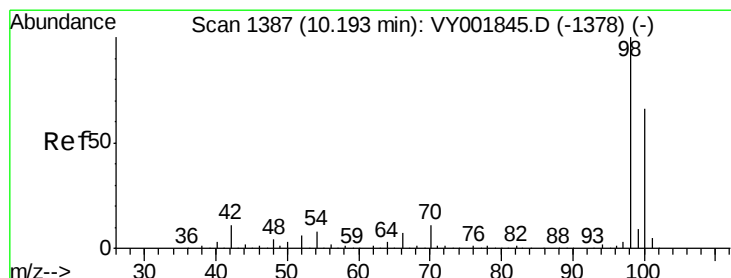
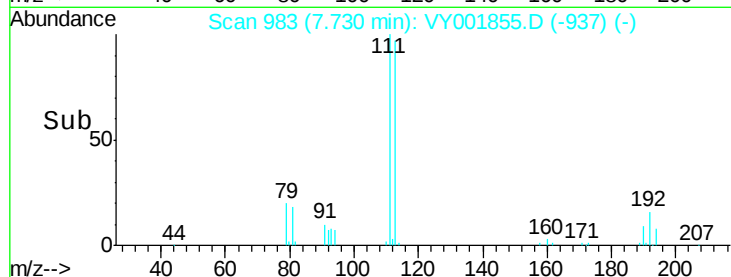
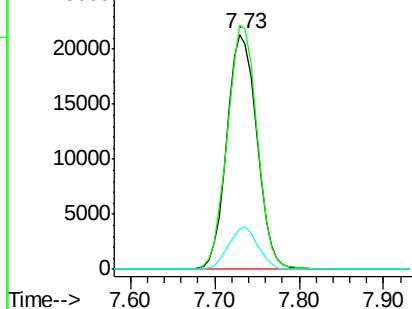
#35
 Dibromofluoromethane
 Concen: 51.468 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001855.D
 Acq: 04 Mar 2020 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-06-030320

Tot Ion:113 Resp: 51568
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 17.7 14.2 21.2

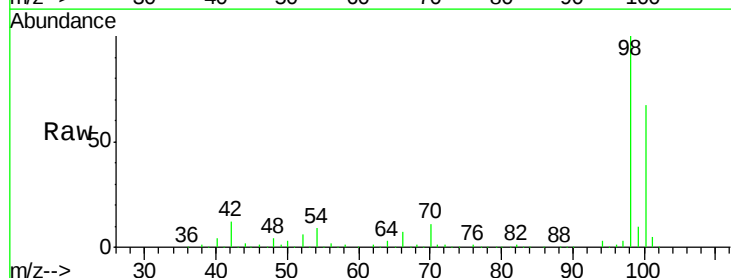


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

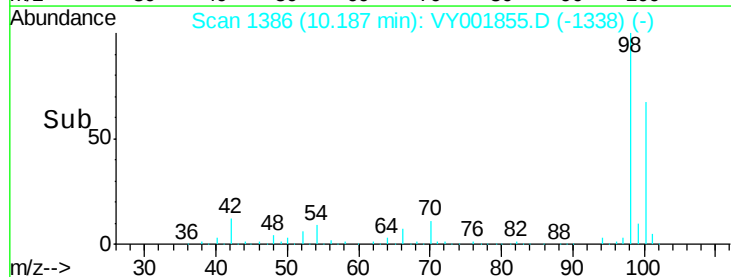
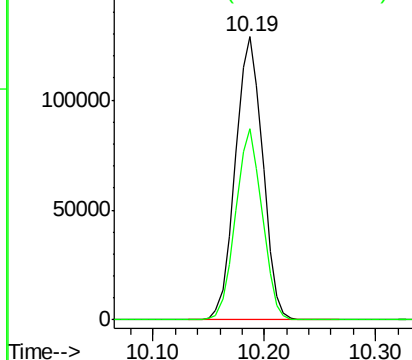


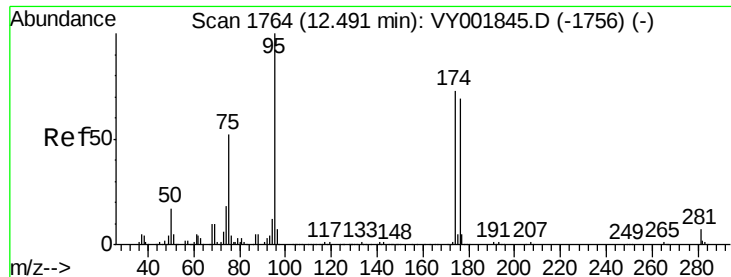
#50
 Toluene-d8
 Concen: 51.693 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001855.D
 Acq: 04 Mar 2020 15:50

Tgt Ion: 98 Resp: 218406
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.383 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001855.D

Acq: 04 Mar 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-030320

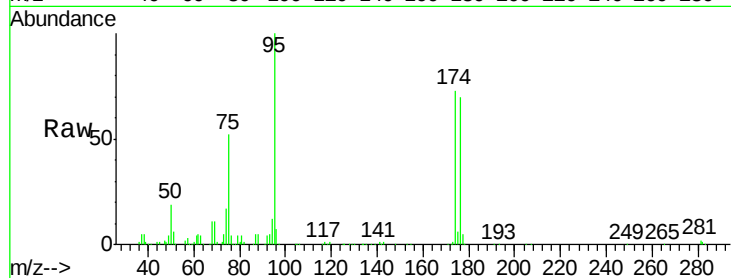
Tot Ion: 95 Resp: 68141

Ion Ratio Lower Upper

95 100

174 72.0 0.0 145.0

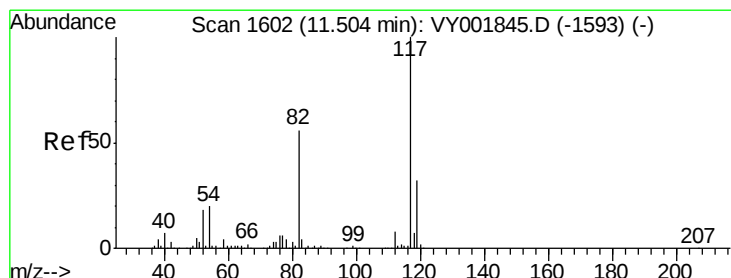
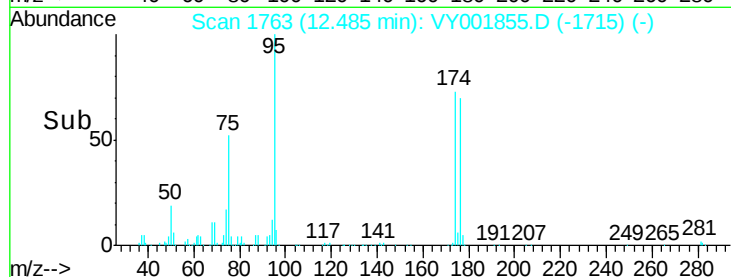
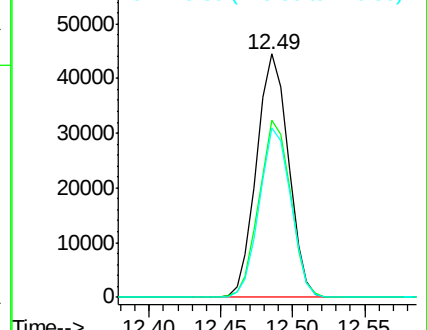
176 68.6 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY001855.D

Acq: 04 Mar 2020 15:50

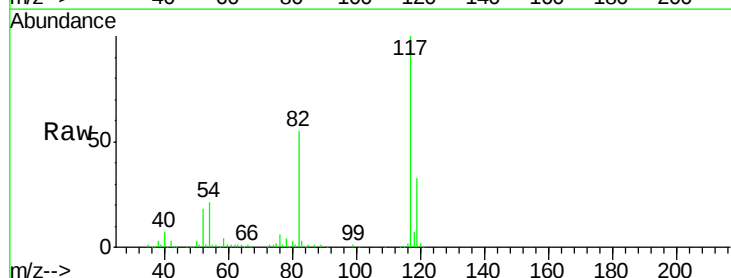
Tgt Ion: 117 Resp: 154466

Ion Ratio Lower Upper

117 100

82 54.9 44.5 66.7

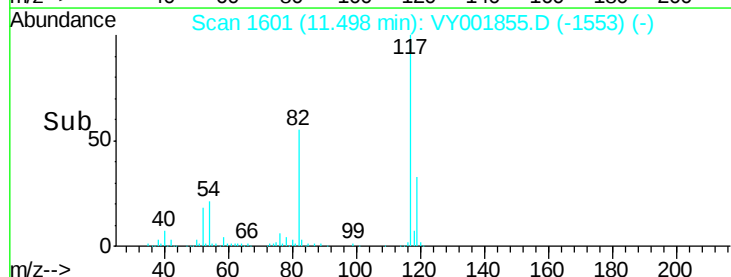
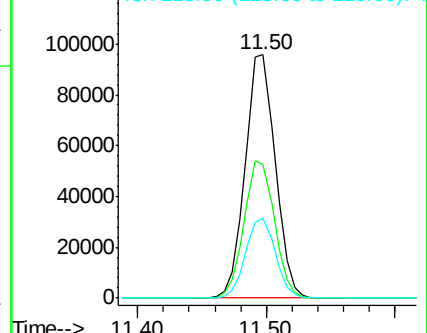
119 32.8 25.7 38.5

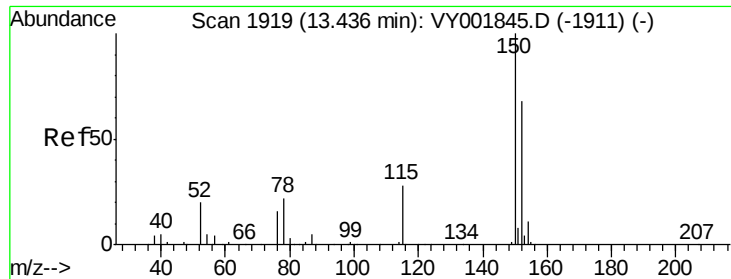


Abundance Ion 116.90 (116.60 to 117.60): VY001845.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY001845.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001845.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001855.D

Acq: 04 Mar 2020 15:50

Instrument :

MSVOA_Y

ClientSampleId :

AU-06-030320

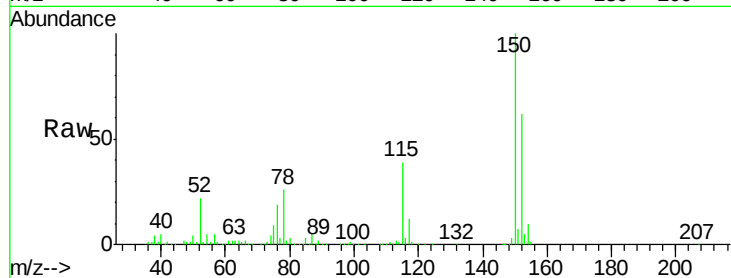
Tot Ion:152 Resp: 61423

Ion Ratio Lower Upper

152 100

115 62.2 29.9 89.7

150 158.7 0.0 340.6



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

