

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024766.D
 Acq On : 20 Jun 2018 18:44
 Operator : MD/SY
 Sample : J3577-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 541-IW-13

Quant Time: Jun 21 08:06:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

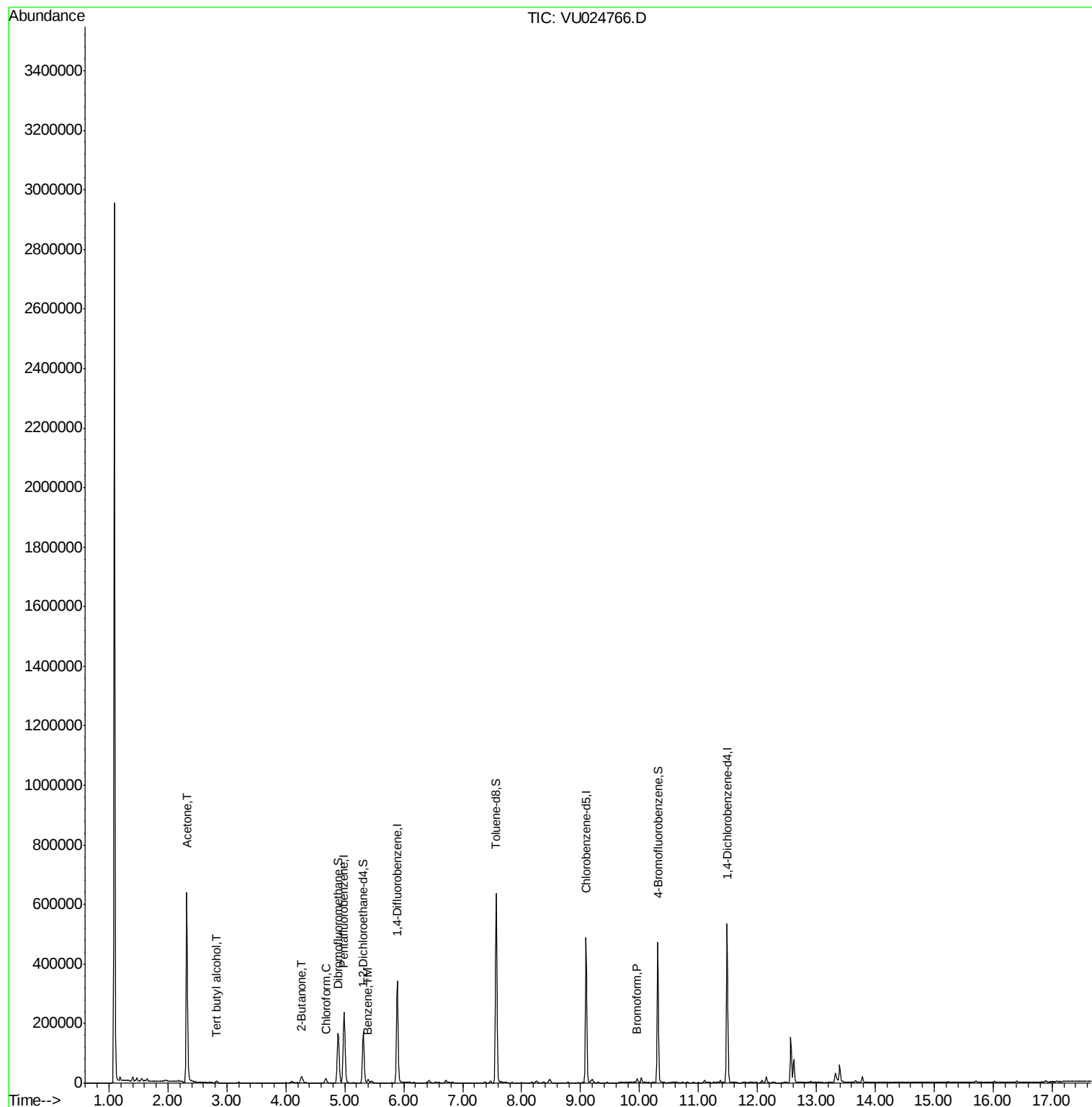
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	186881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	295468	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	268106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	140292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	131670	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
35) Dibromofluoromethane	4.89	113	114316	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
50) Toluene-d8	7.57	98	428425	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	10.31	95	148862	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.82	59	5656	7.62	ug/l #	91
16) Acetone	2.32	43	667240	407.04	ug/l	97
25) 2-Butanone	4.26	43	35826	16.27	ug/l	94
30) Chloroform	4.68	83	14212	3.12	ug/l	92
40) Benzene	5.40	78	5472	0.55	ug/l	94
71) Bromoform	9.96	173	5764	2.33	ug/l #	100

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024766.D

Acq: 20 Jun 2018 18:44

Instrument :

MSVOA_U

ClientSampleId :

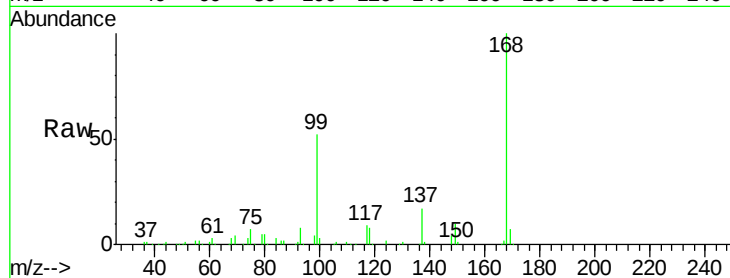
541-IW-13

Tot Ion:168 Resp: 186881

Ion Ratio Lower Upper

168 100

99 52.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

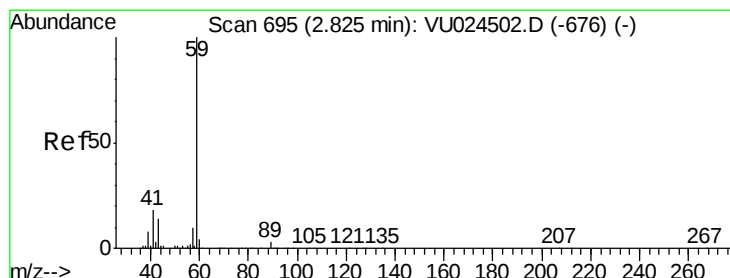
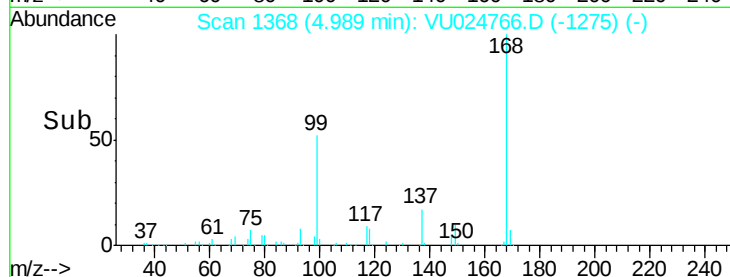
40000

20000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 7.62 ug/l

RT: 2.82 min Scan# 693

Delta R.T. -0.01 min

Lab File: VU024766.D

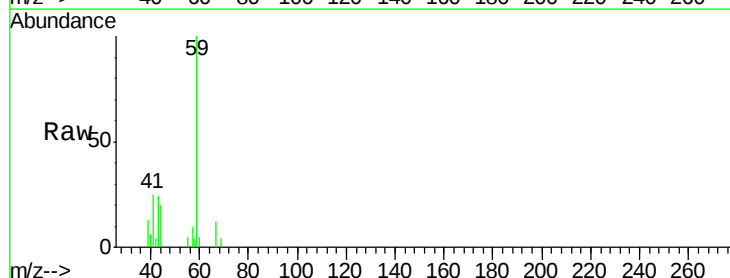
Acq: 20 Jun 2018 18:44

Tgt Ion: 59 Resp: 5656

Ion Ratio Lower Upper

59 100

57 7.1 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU024502.D (-676) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-676) (-)

2.82

3000

2500

2000

1500

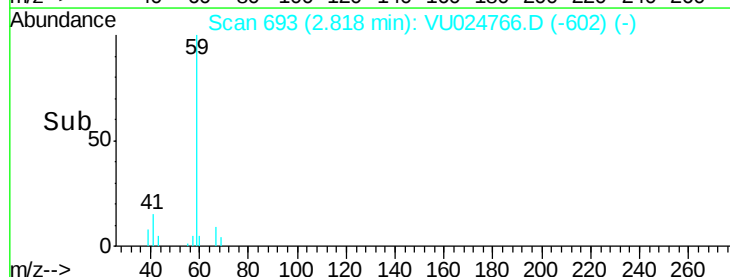
1000

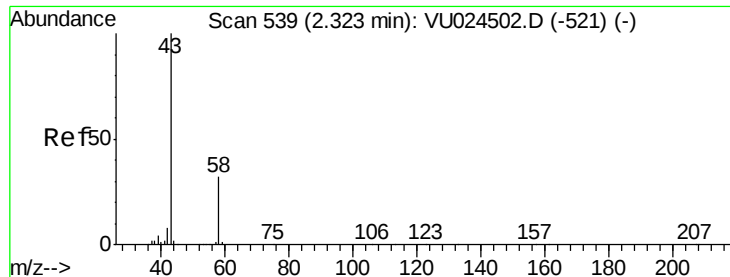
500

0

2.75 2.80 2.85

Time-->





#16

Acetone

Concen: 407.04 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024766.D

Acq: 20 Jun 2018 18:44

Instrument :

MSVOA_U

ClientSampleId :

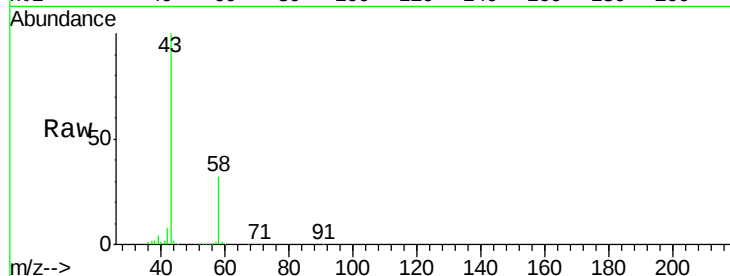
541-IW-13

Tot Ion: 43 Resp: 667240

Ion Ratio Lower Upper

43 100

58 32.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024766.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024766.D (-446) (-)

2.32

400000

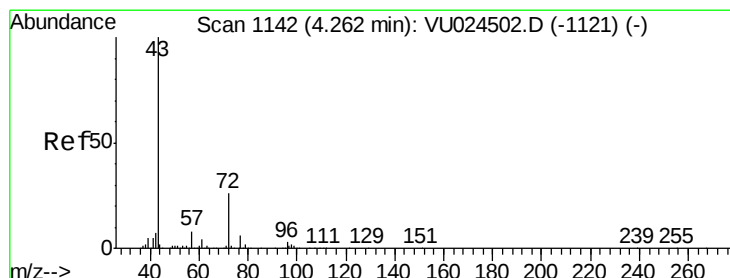
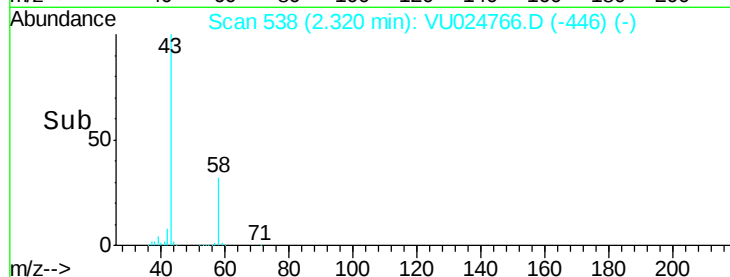
300000

200000

100000

0

Time-->



#25

2-Butanone

Concen: 16.27 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU024766.D

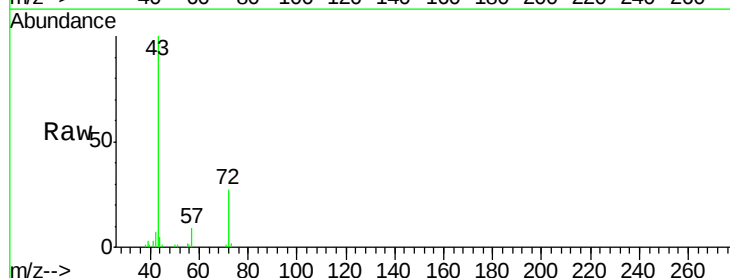
Acq: 20 Jun 2018 18:44

Tgt Ion: 43 Resp: 35826

Ion Ratio Lower Upper

43 100

72 27.6 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU024766.D (-1049) (-)

Ion 72.00 (71.70 to 72.70): VU024766.D (-1049) (-)

4.26

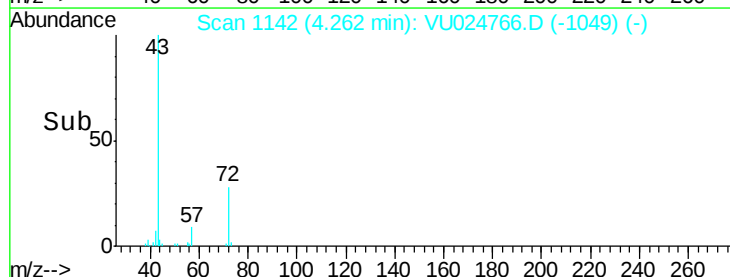
15000

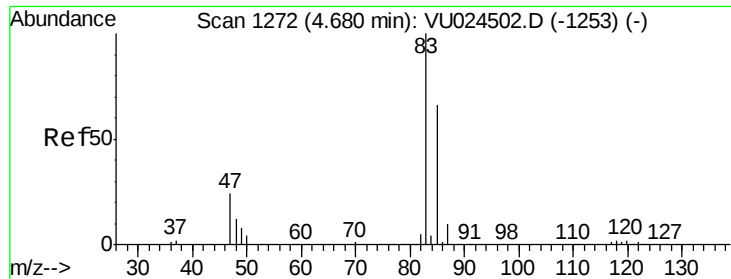
10000

5000

0

Time-->

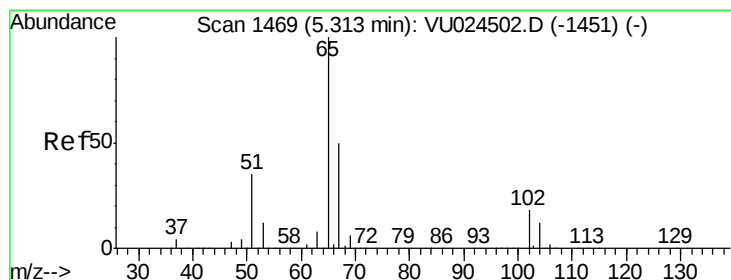
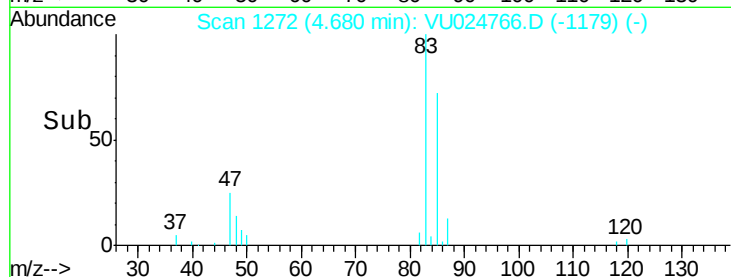
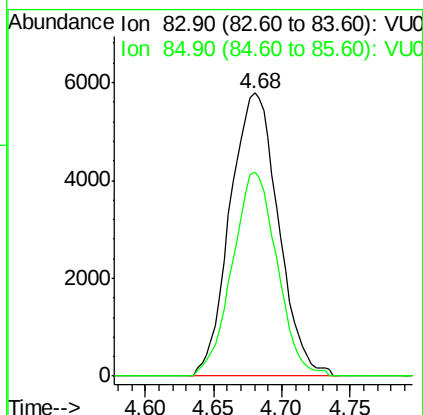
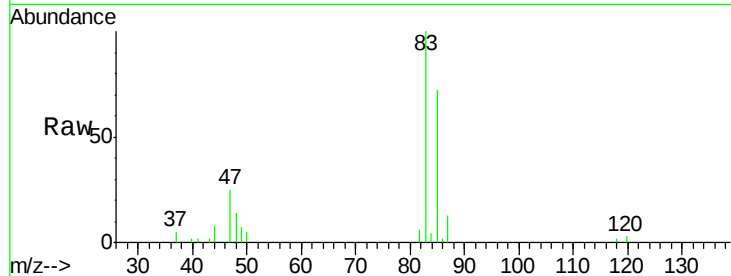




#30
Chloroform
Concen: 3.12 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

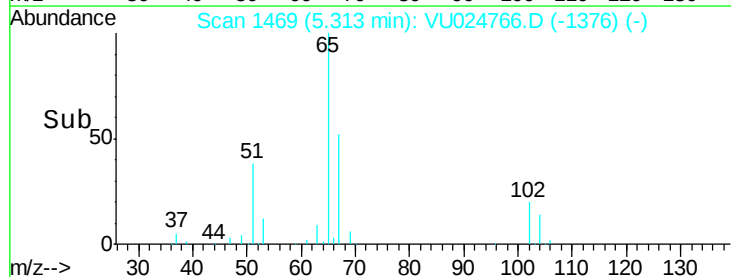
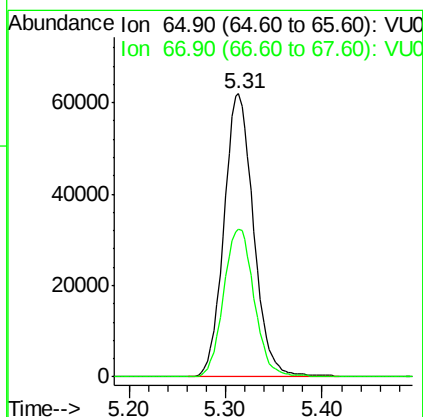
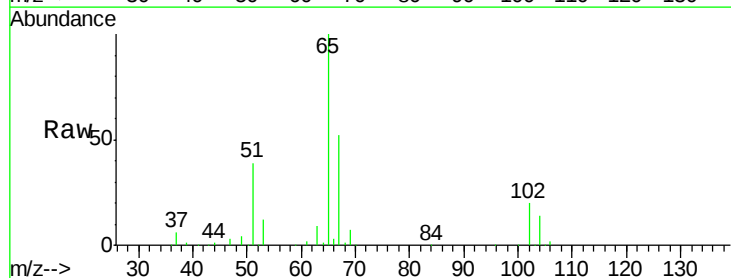
Instrument :
MSVOA_U
ClientSampleId :
541-IW-13

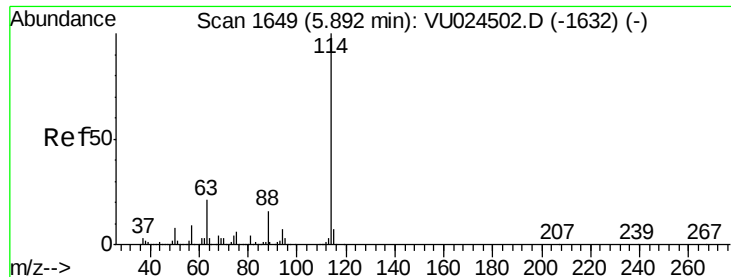
Tot Ion: 83 Resp: 14212
Ion Ratio Lower Upper
83 100
85 72.0 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 43.16 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 65 Resp: 131670
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.0

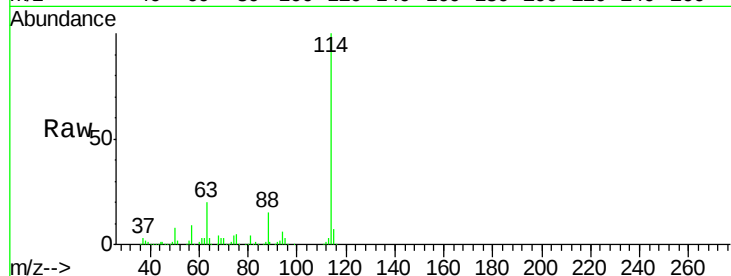




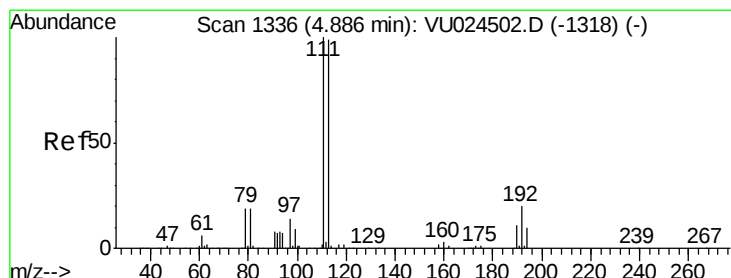
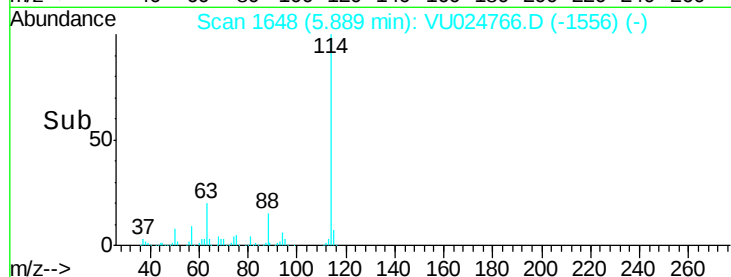
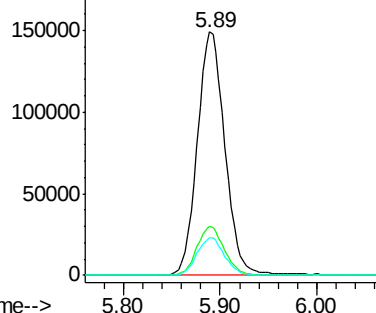
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
541-IW-13

Tot Ion:	114	Resp:	295468
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	45.4
88	15.2	0.0	31.0

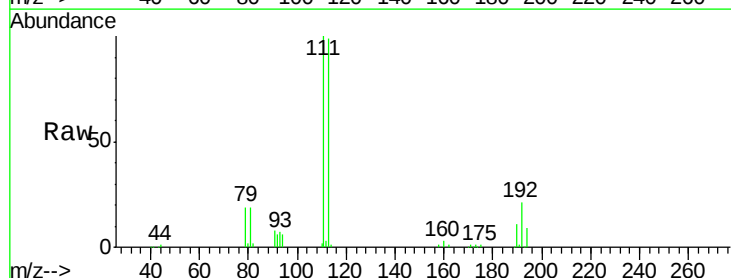


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

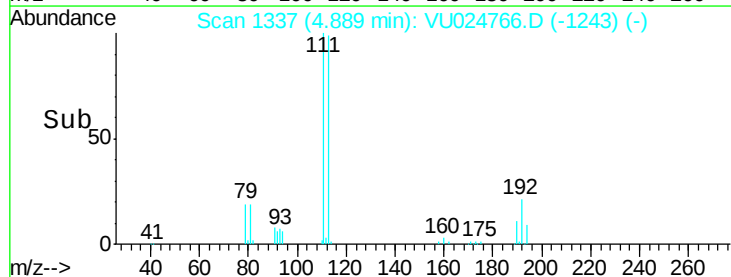
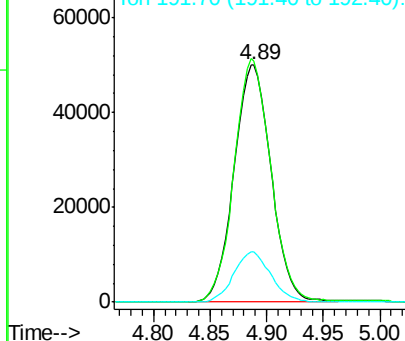


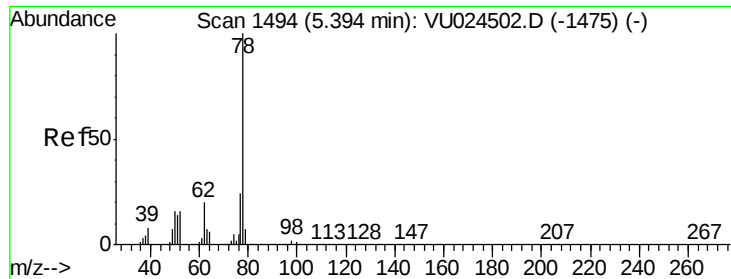
#35
Dibromofluoromethane
Concen: 46.62 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion:	113	Resp:	114316
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	21.1	16.2	24.4



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





#40

Benzene

Concen: 0.55 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024766.D

Acq: 20 Jun 2018 18:44

Instrument :

MSVOA_U

ClientSampled :

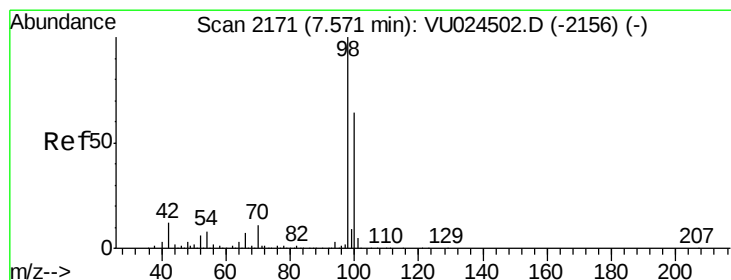
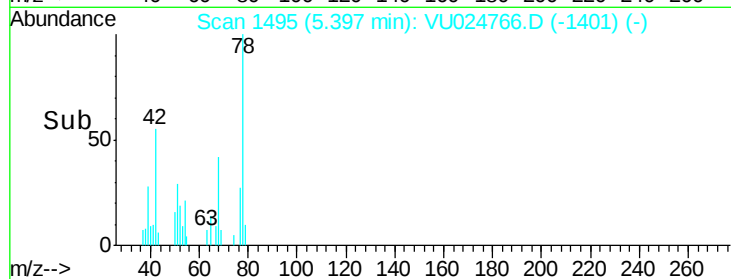
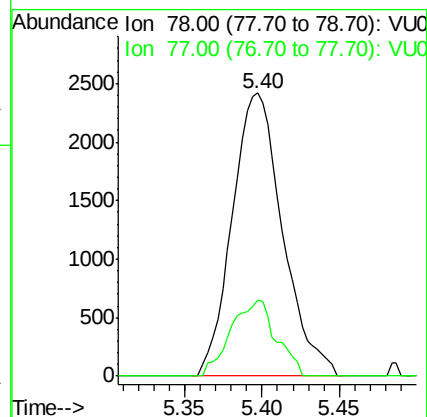
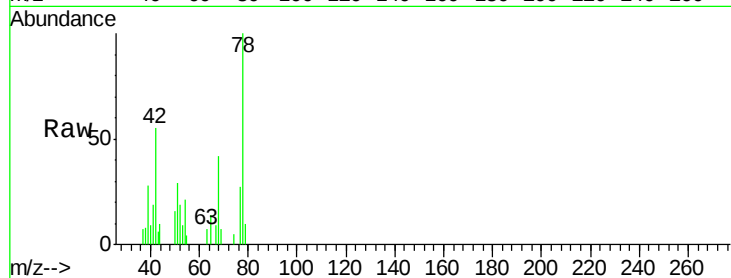
541-IW-13

Tot Ion: 78 Resp: 5472

Ion Ratio Lower Upper

78 100

77 27.0 19.2 28.8



#50

Toluene-d8

Concen: 47.90 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024766.D

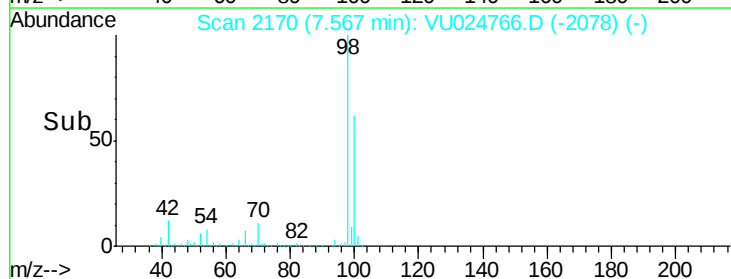
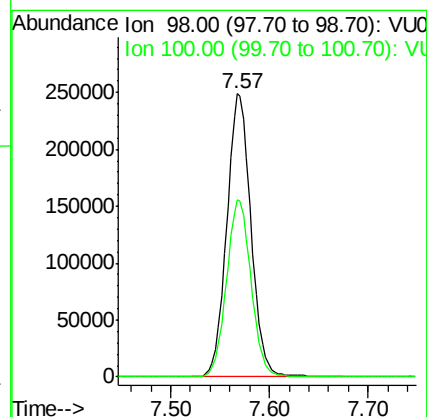
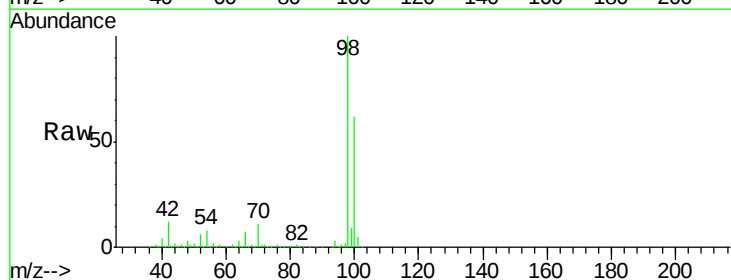
Acq: 20 Jun 2018 18:44

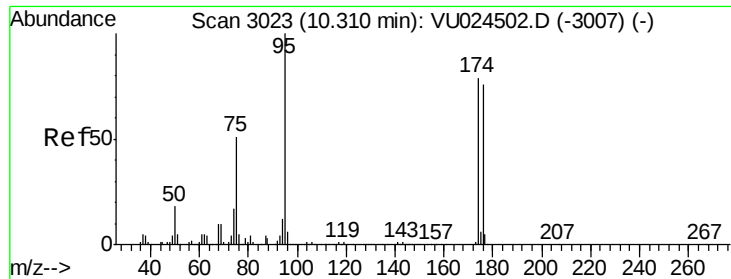
Tgt Ion: 98 Resp: 428425

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7

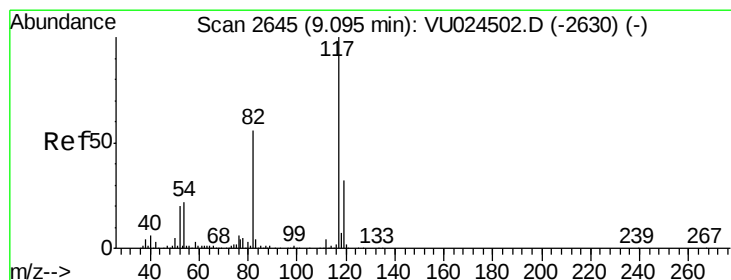
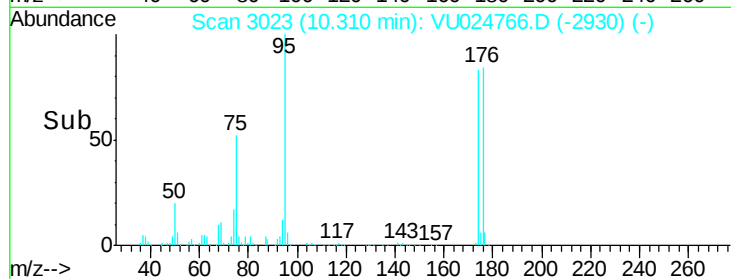
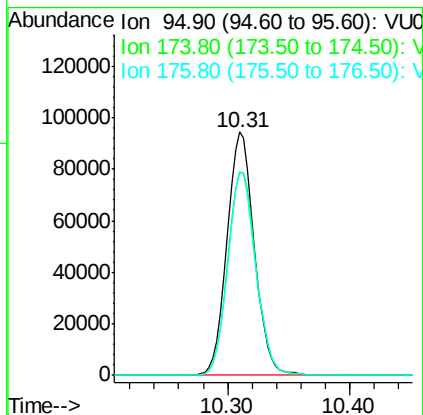
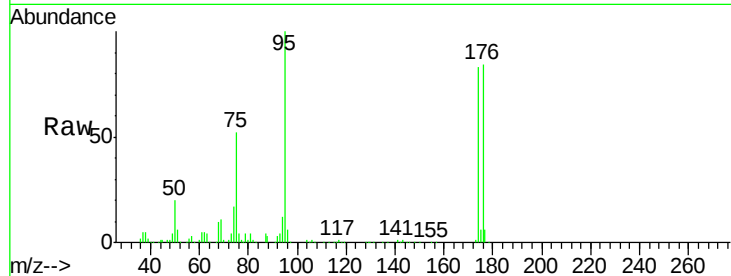




#62
4-Bromofluorobenzene
Concen: 41.92 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

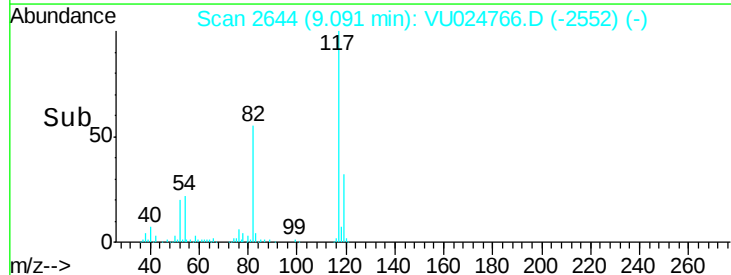
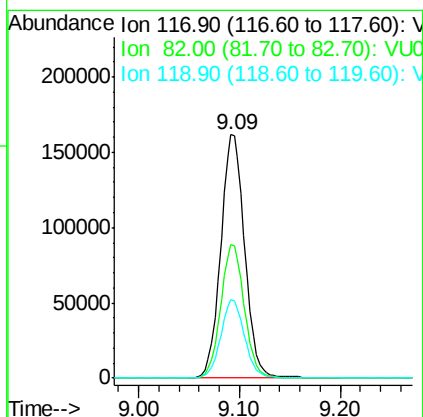
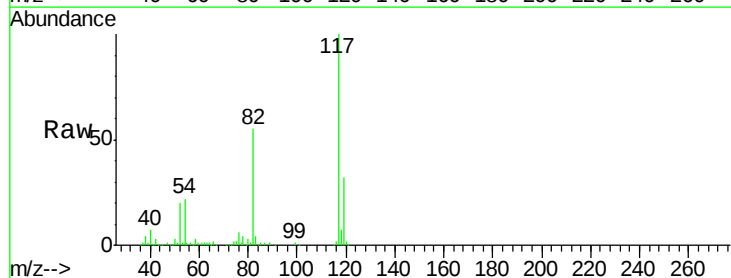
Instrument :
MSVOA_U
ClientSampleId :
541-IW-13

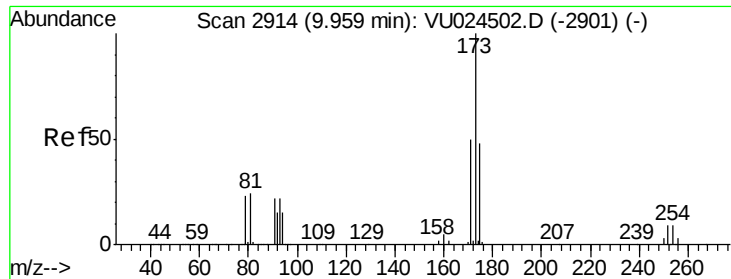
Tot Ion: 95 Resp: 148862
Ion Ratio Lower Upper
95 100
174 86.8 0.0 165.8
176 85.0 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024766.D
Acq: 20 Jun 2018 18:44

Tgt Ion: 117 Resp: 268106
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.0 25.4 38.2





#71

Bromoform

Concen: 2.33 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024766.D

Acq: 20 Jun 2018 18:44

Instrument :

MSVOA_U

ClientSampleId :

541-IW-13

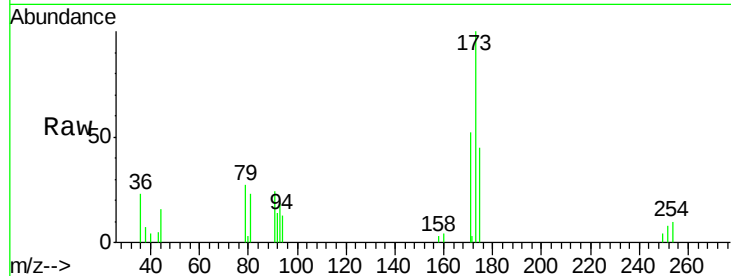
Tot Ion:173 Resp: 5764

Ion Ratio Lower Upper

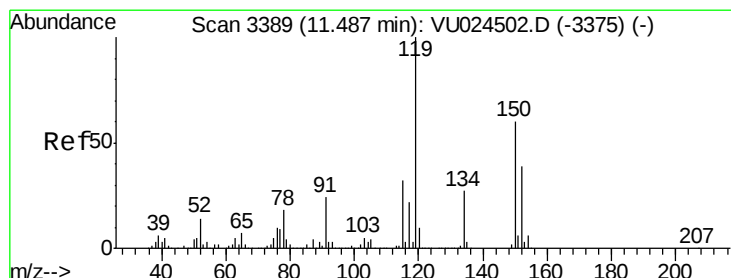
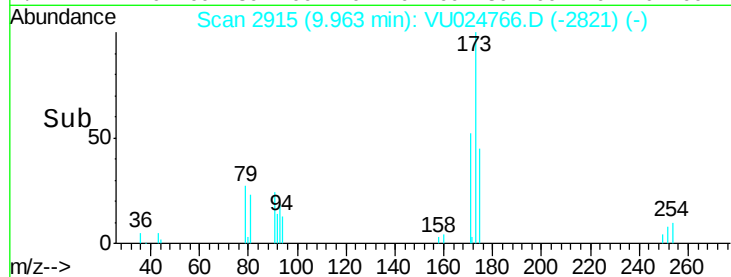
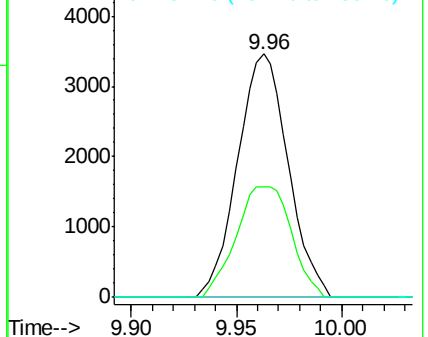
173 100

175 49.6 24.6 74.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024766.D

Acq: 20 Jun 2018 18:44

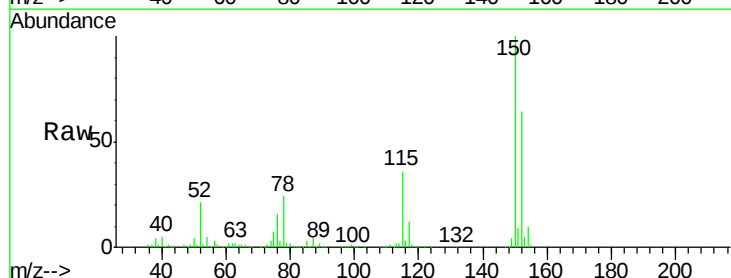
Tgt Ion:152 Resp: 140292

Ion Ratio Lower Upper

152 100

115 56.3 43.0 129.0

150 156.0 0.0 354.0



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

