

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025726.D
 Acq On : 30 Jul 2018 16:38
 Operator : MD/SY
 Sample : J4177-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SITE1-IDW-DRUM3-072518

Quant Time: Jul 31 04:21:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 28 02:19:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	179483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	289444	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	174638	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	143492	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
35) Dibromofluoromethane	4.89	113	119874	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	7.57	98	422561	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	10.31	95	164107	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	

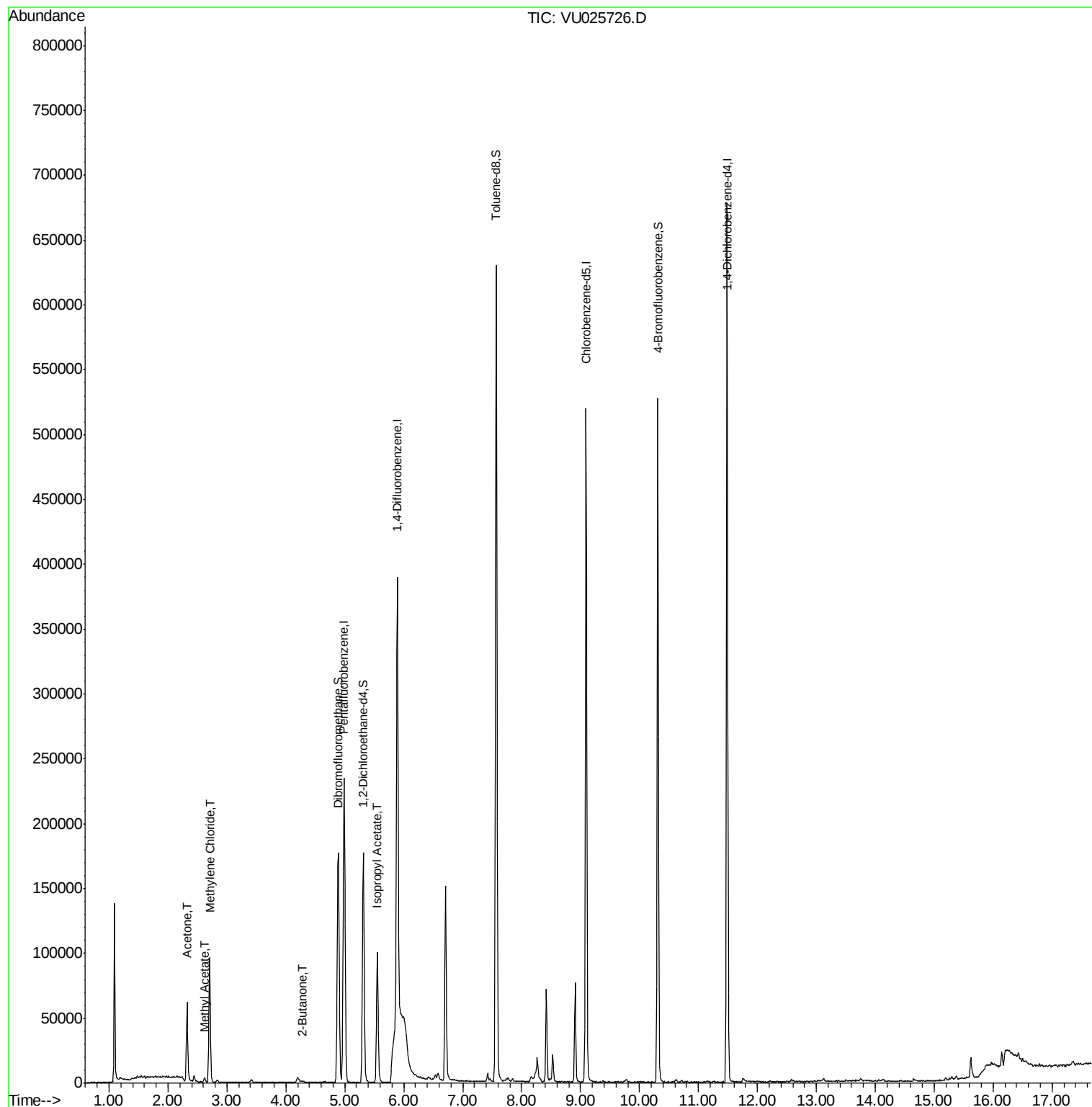
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	63024	46.22	ug/l	97
18) Methyl Acetate	2.62	43	3566	1.09	ug/l	100
20) Methylene Chloride	2.71	84	42829	17.72	ug/l	97
25) 2-Butanone	4.29	43	2116	1.14	ug/l	97
43) Isopropyl Acetate	5.55	43	113958	19.66	ug/l	99

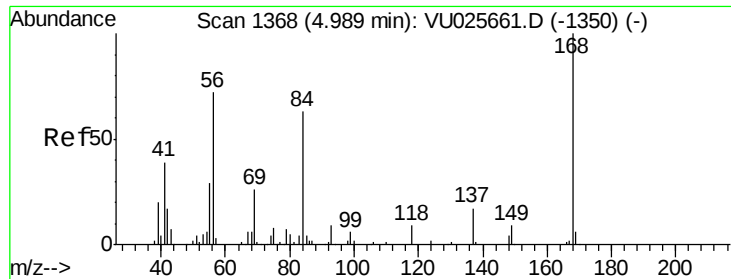
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SITE1-IDW-DRUM3-072518

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Quant Title : SW846 8260
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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: VU025726.D

Acq: 30 Jul 2018 16:38

Instrument :

MSVOA_U

ClientSampleId :

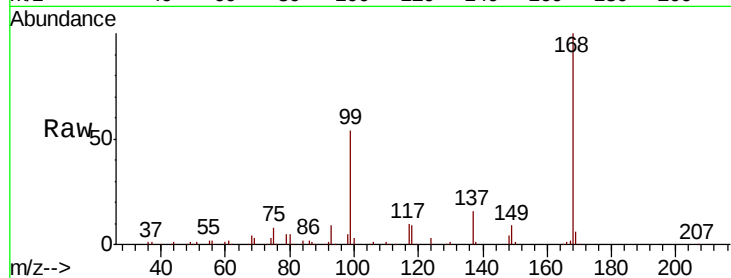
SITE1-IDW-DRUM3-072518

Tot Ion:168 Resp: 179483

Ion Ratio Lower Upper

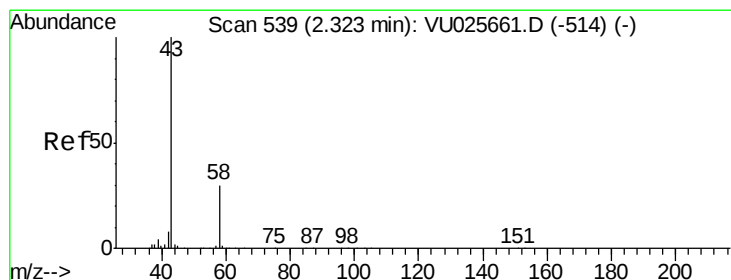
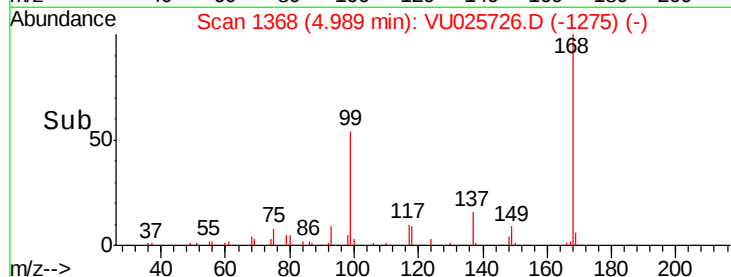
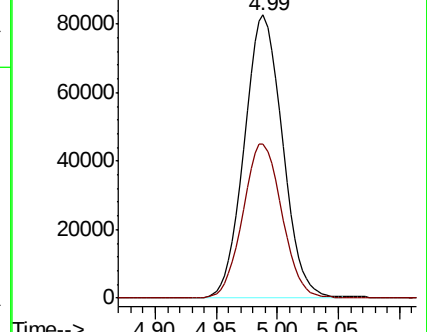
168 100

99 54.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#16

Acetone

Concen: 46.22 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025726.D

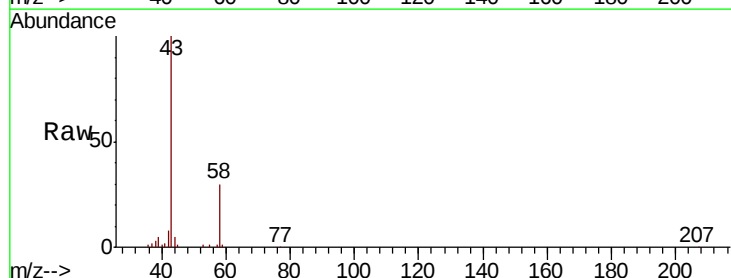
Acq: 30 Jul 2018 16:38

Tgt Ion: 43 Resp: 63024

Ion Ratio Lower Upper

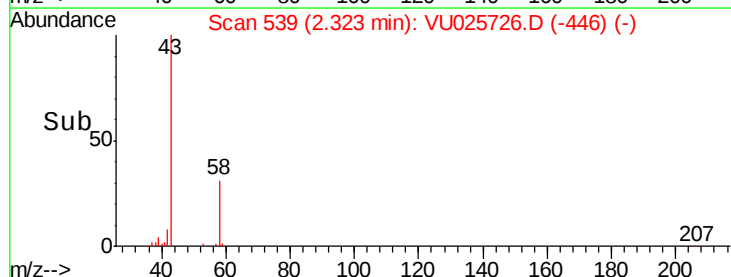
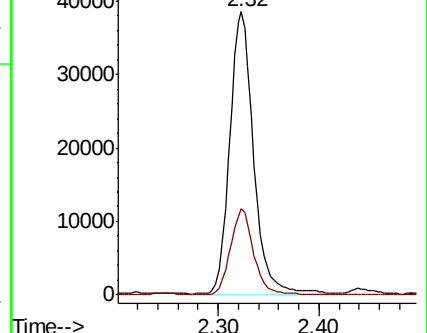
43 100

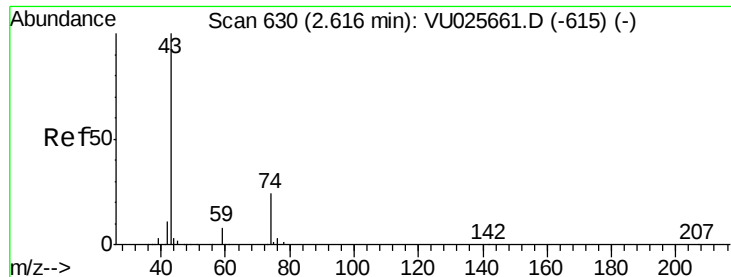
58 30.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)





#18

Methyl Acetate

Concen: 1.09 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025726.D

Acq: 30 Jul 2018 16:38

Instrument :

MSVOA_U

ClientSampleId :

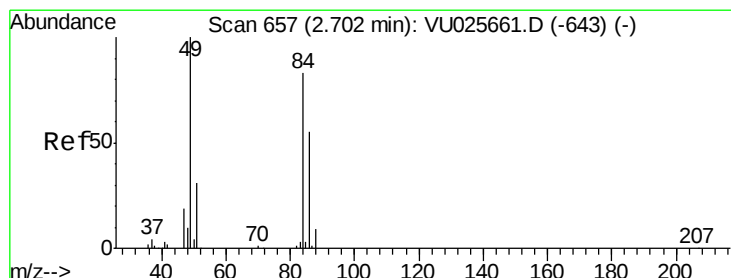
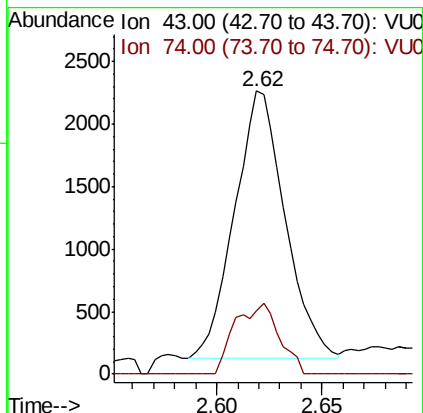
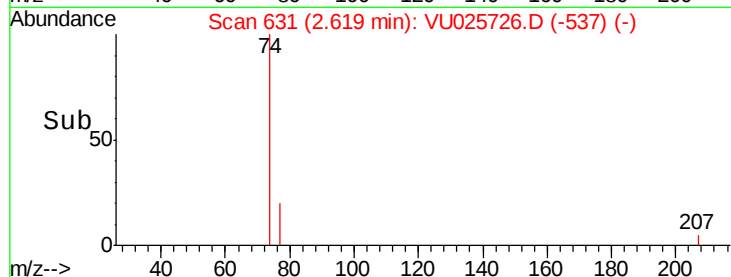
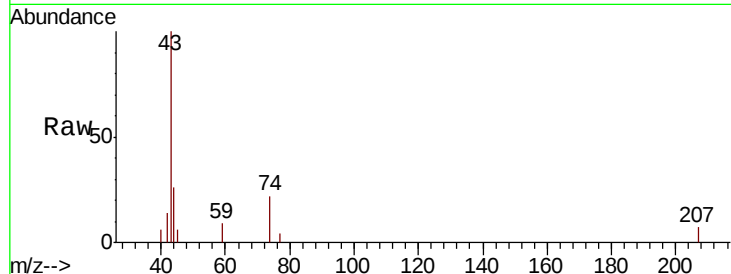
SITE1-IDW-DRUM3-072518

Tot Ion: 43 Resp: 3566

Ion Ratio Lower Upper

43 100

74 23.2 18.5 27.7



#20

Methylene Chloride

Concen: 17.72 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: VU025726.D

Acq: 30 Jul 2018 16:38

Tgt Ion: 84 Resp: 42829

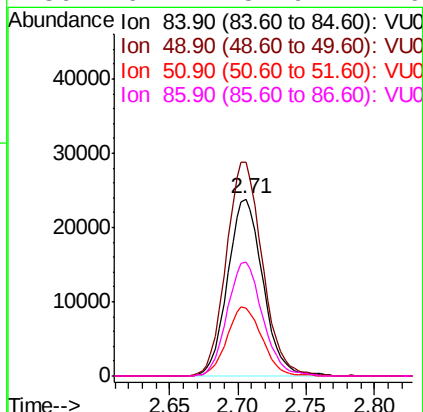
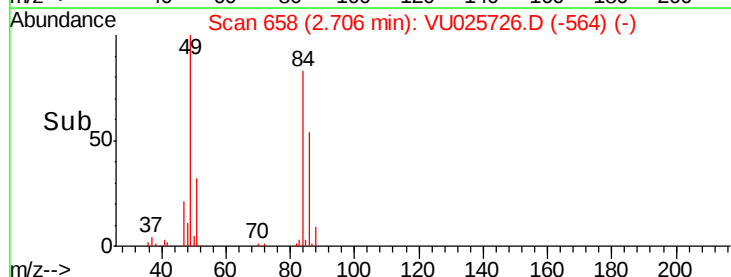
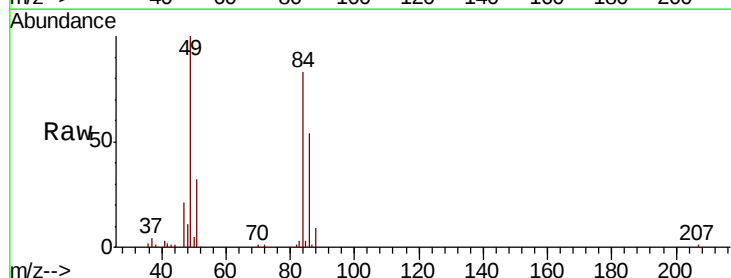
Ion Ratio Lower Upper

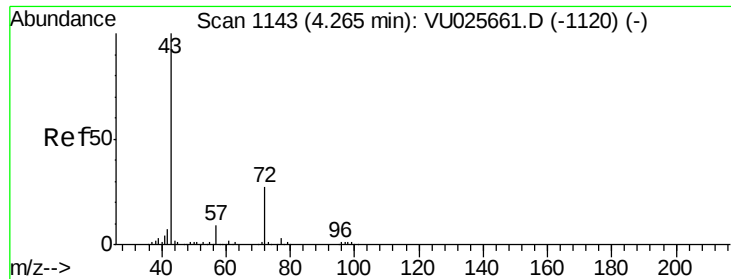
84 100

49 120.8 101.8 152.6

51 38.6 30.8 46.2

86 64.7 51.9 77.9





#25

2-Butanone

Concen: 1.14 ug/l

RT: 4.29 min Scan# 1150

Delta R.T. 0.02 min

Lab File: VU025726.D

Acq: 30 Jul 2018 16:38

Instrument :

MSVOA_U

ClientSampleId :

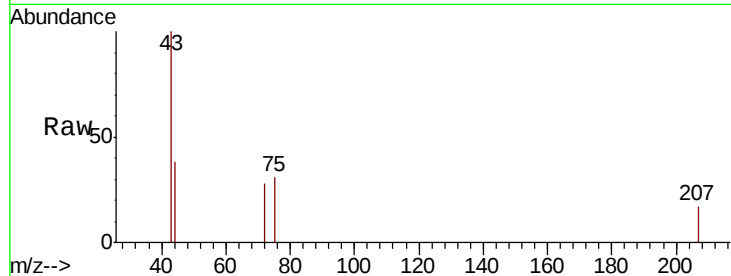
SITE1-IDW-DRUM3-072518

Tot Ion: 43 Resp: 2116

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

800

600

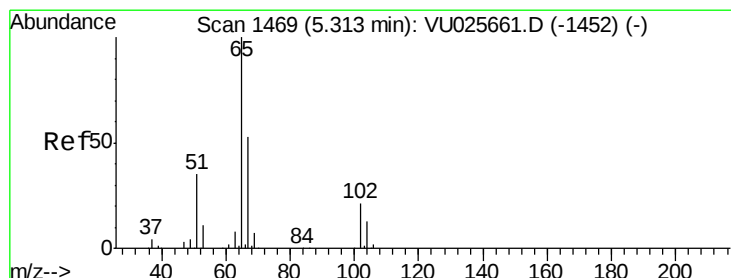
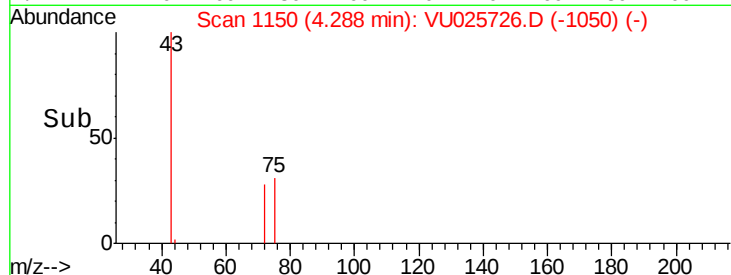
400

200

0

4.20 4.25 4.30 4.35

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.31 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025726.D

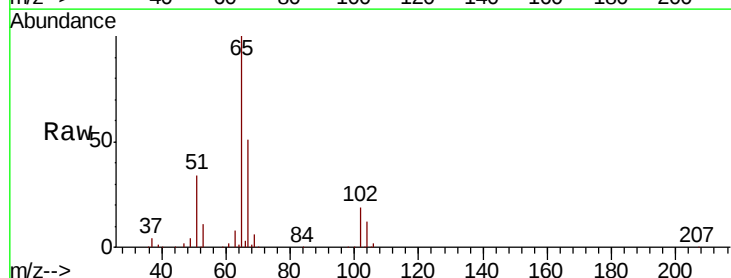
Acq: 30 Jul 2018 16:38

Tgt Ion: 65 Resp: 143492

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

80000

60000

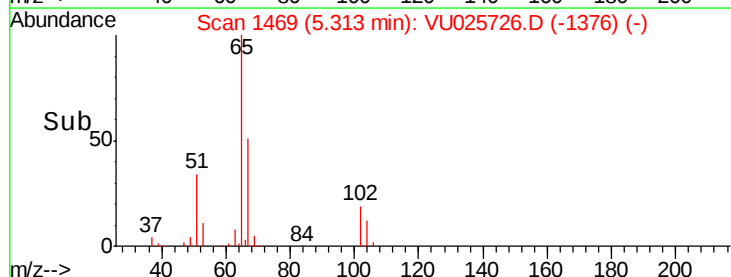
40000

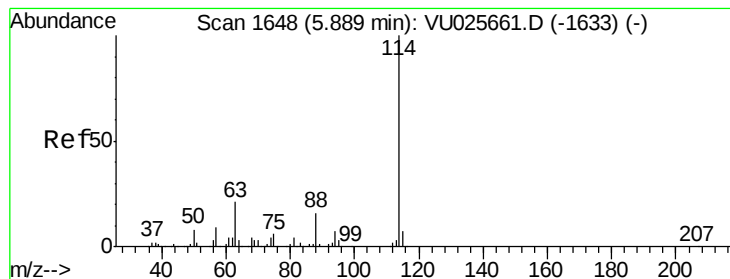
20000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025726.D

Acq: 30 Jul 2018 16:38

Instrument :

MSVOA_U

ClientSampleId :

SITE1-IDW-DRUM3-072518

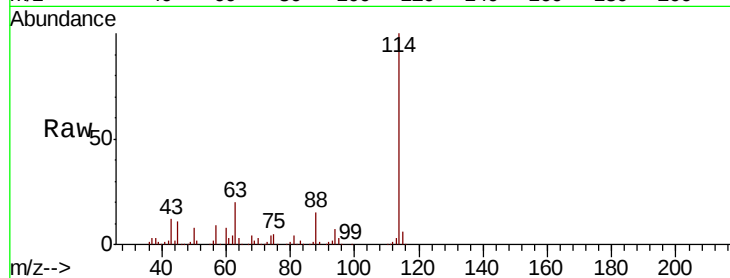
Tot Ion:114 Resp: 289444

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

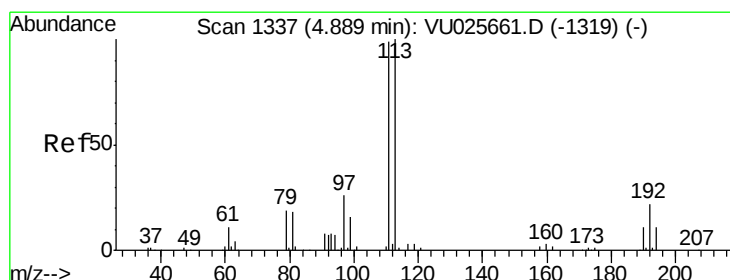
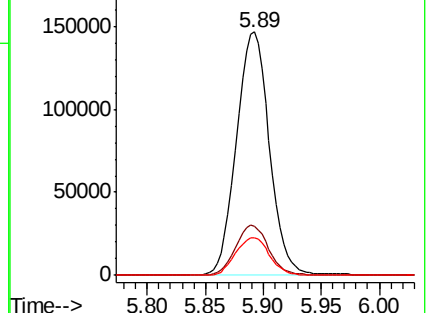
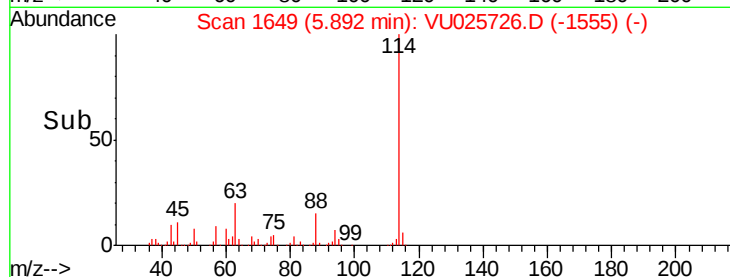
88 15.5 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 47.62 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025726.D

Acq: 30 Jul 2018 16:38

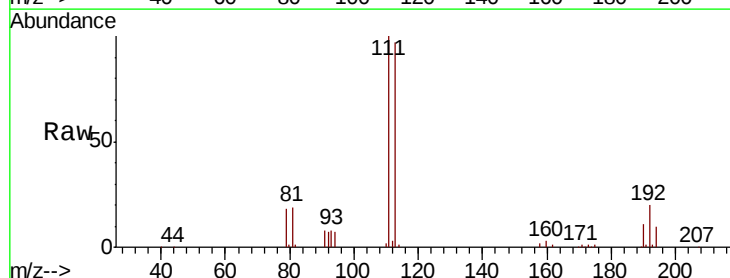
Tgt Ion:113 Resp: 119874

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

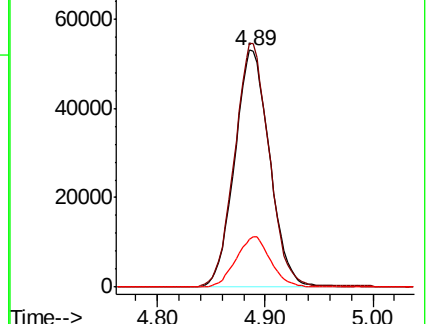
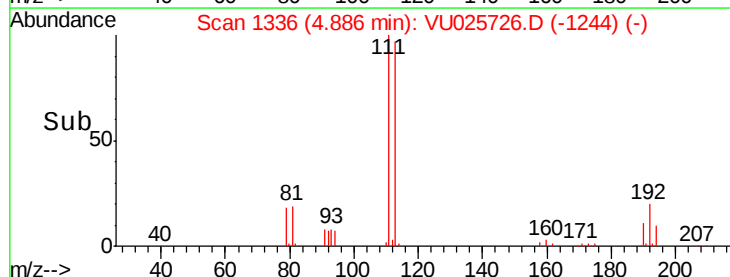
192 21.0 17.1 25.7

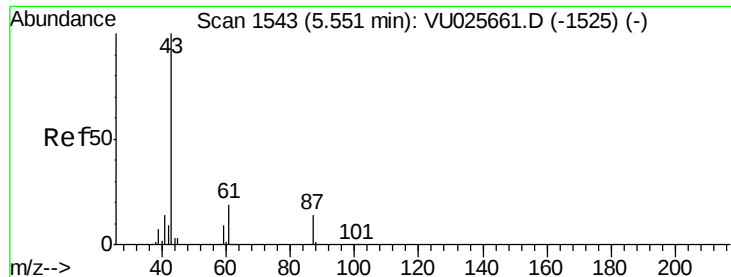


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



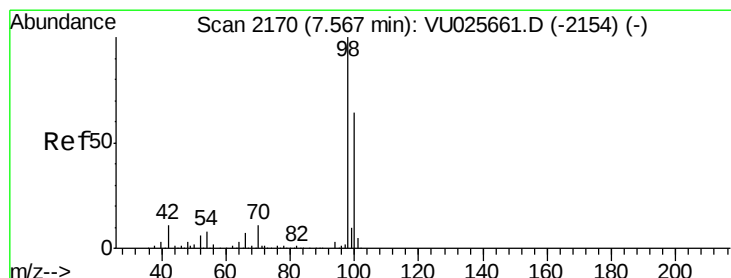
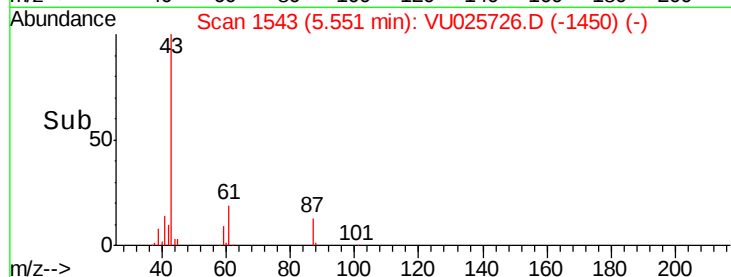
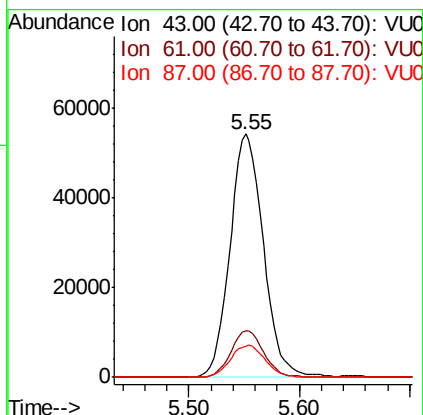
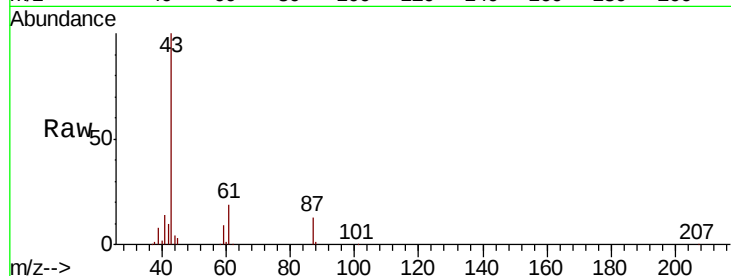


#43

Isopropyl Acetate
 Concen: 19.66 ug/l
 RT: 5.55 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: VU025726.D
 Acq: 30 Jul 2018 16:38

Instrument :
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 SITE1-IDW-DRUM3-072518

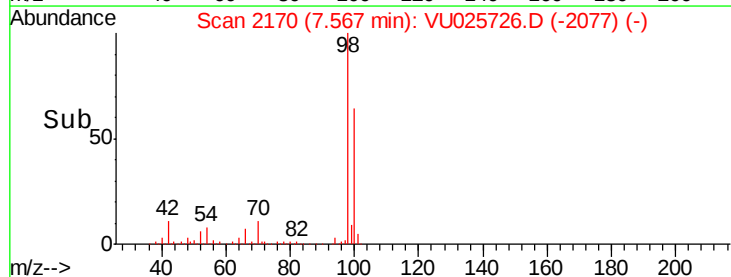
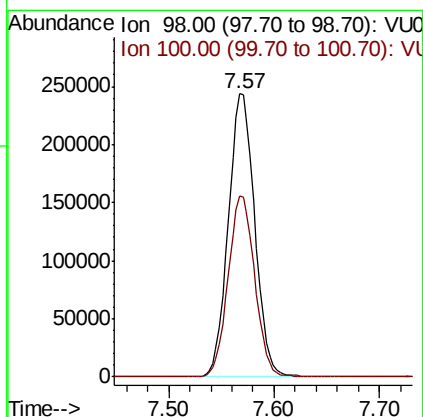
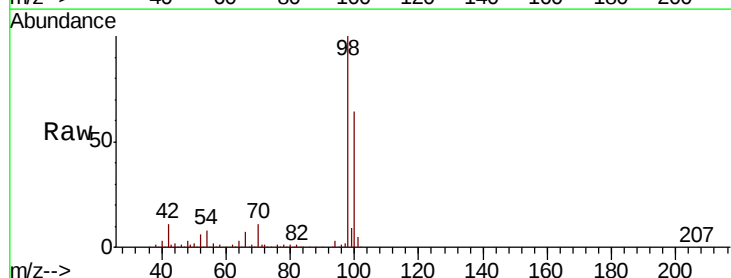
Tot Ion	43	Resp	113958
Ion Ratio	Lower	Upper	
43	100		
61	19.0	15.5	23.3
87	13.6	10.6	16.0

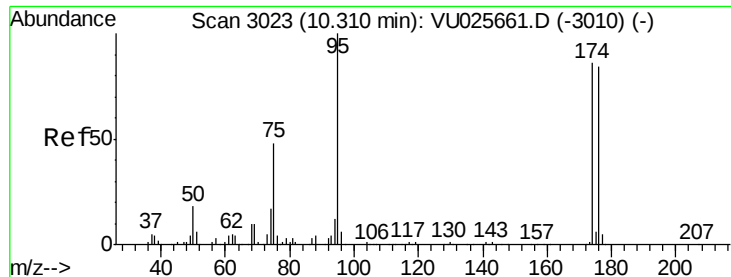


#50

Toluene-d8
 Concen: 47.97 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU025726.D
 Acq: 30 Jul 2018 16:38

Tgt Ion	98	Resp	422561
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 47.99 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025726.D

Acq: 30 Jul 2018 16:38

Instrument :

MSVOA_U

ClientSampleId :

SITE1-IDW-DRUM3-072518

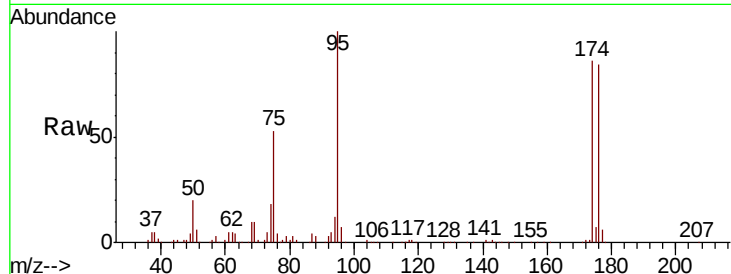
Tot Ion: 95 Resp: 164107

Ion Ratio Lower Upper

95 100

174 87.1 0.0 172.2

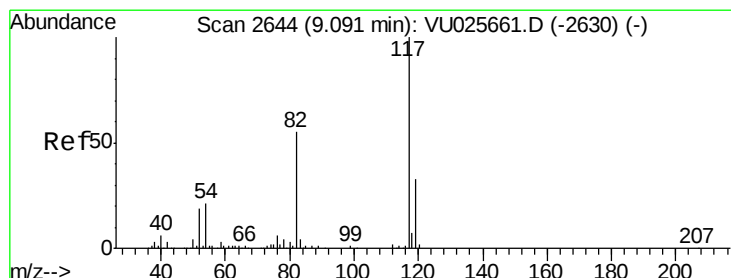
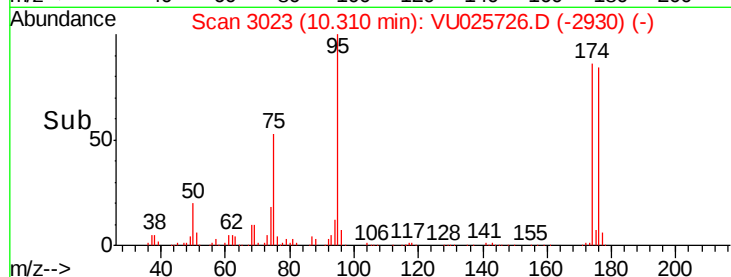
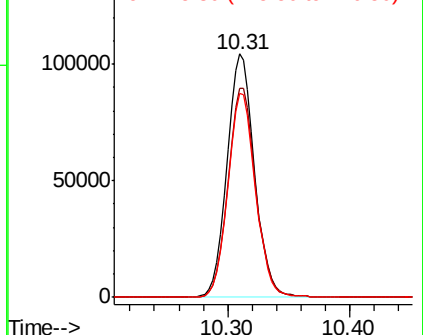
176 84.3 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025661.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025661.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025661.D (-3010) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025726.D

Acq: 30 Jul 2018 16:38

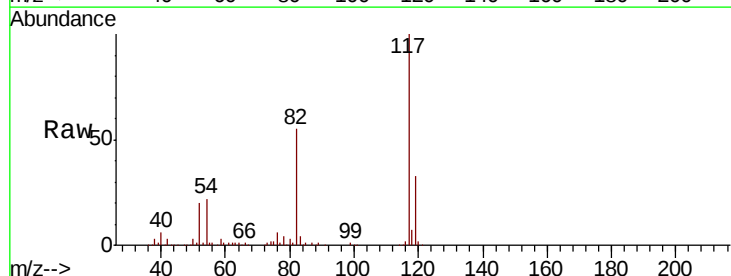
Tgt Ion: 117 Resp: 287350

Ion Ratio Lower Upper

117 100

82 55.0 46.0 69.0

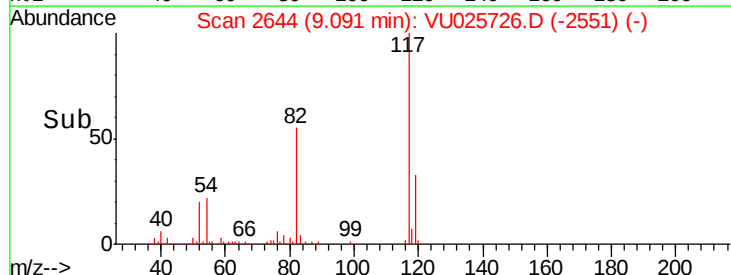
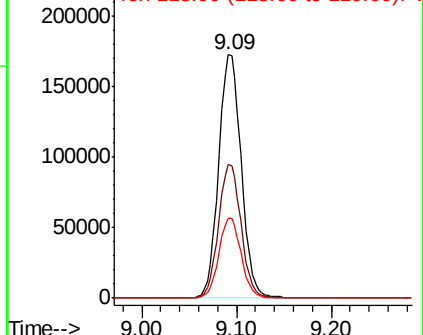
119 33.0 26.0 39.0

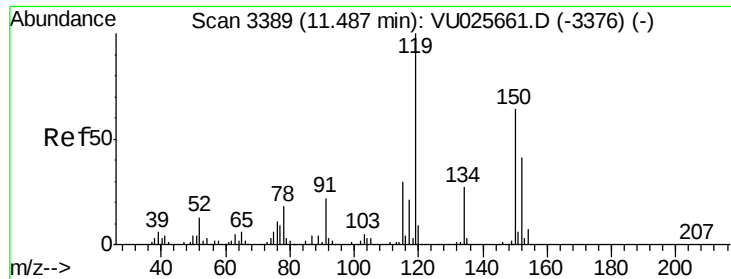


Abundance Ion 116.90 (116.60 to 117.60): VU025661.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU025661.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU025661.D (-2630) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025726.D

Acq: 30 Jul 2018 16:38

Instrument :

MSVOA_U

ClientSampleId :

SITE1-IDW-DRUM3-072518

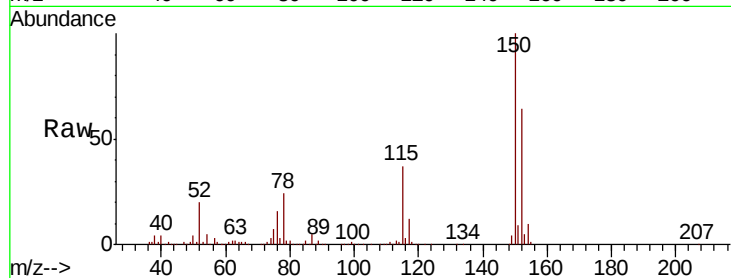
Tot Ion:152 Resp: 174638

Ion Ratio Lower Upper

152 100

115 57.5 40.1 120.3

150 158.0 0.0 351.4



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

