

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025298.D
 Acq On : 10 Jul 2018 18:55
 Operator : MD/SY
 Sample : J3898-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW016-180704

Quant Time: Jul 11 08:23:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	209984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309082	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152162	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	154894	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
35) Dibromofluoromethane	4.89	113	121688	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
50) Toluene-d8	7.57	98	449902	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	10.31	95	162914	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	

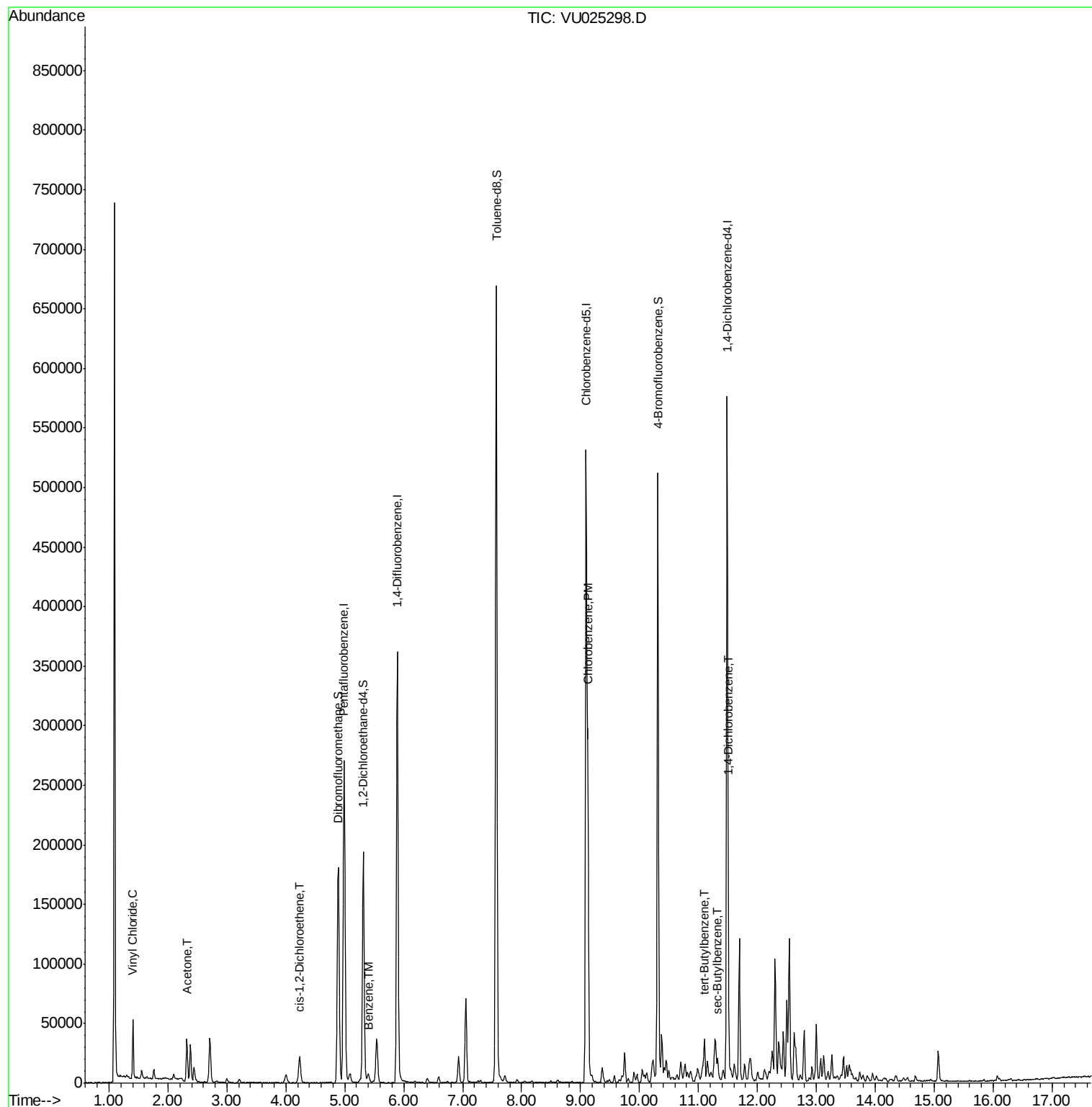
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	30453	12.75	ug/l	98
16) Acetone	2.32	43	37784	27.12	ug/l	100
27) cis-1,2-Dichloroethene	4.24	96	11044	3.92	ug/l	88
40) Benzene	5.40	78	6394	0.65	ug/l	95
65) Chlorobenzene	9.12	112	147192	20.67	ug/l	97
83) tert-Butylbenzene	11.10	119	13379	1.35	ug/l	86
85) sec-Butylbenzene	11.33	105	6700	0.58	ug/l #	56
88) 1,4-Dichlorobenzene	11.51	146	3035	2.04	ug/l #	50

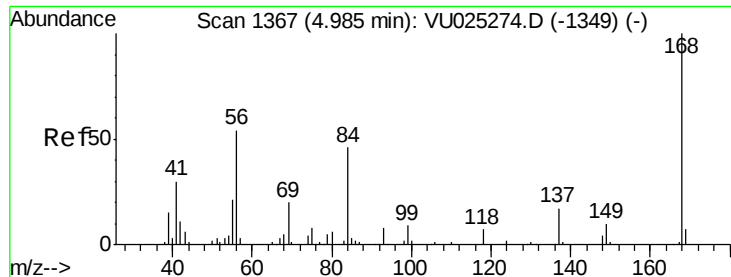
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025298.D

Acq: 10 Jul 2018 18:55

Instrument :

MSVOA_U

ClientSampleId :

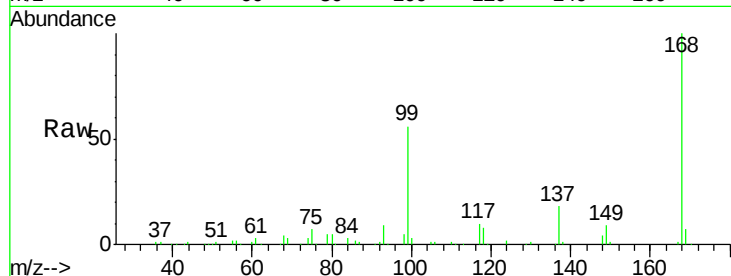
SS038RW016-180704

Tot Ion:168 Resp: 209984

Ion Ratio Lower Upper

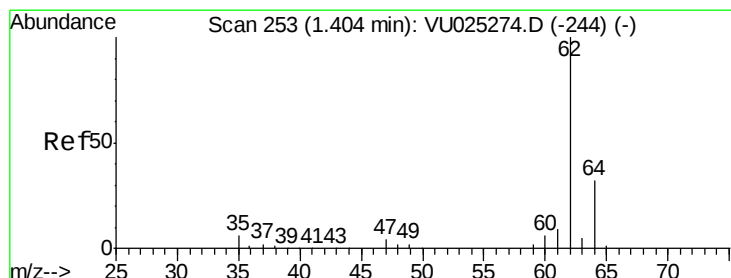
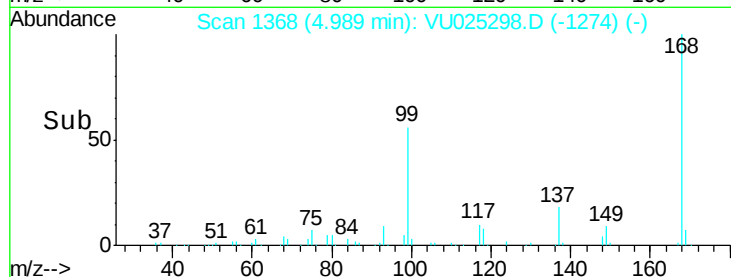
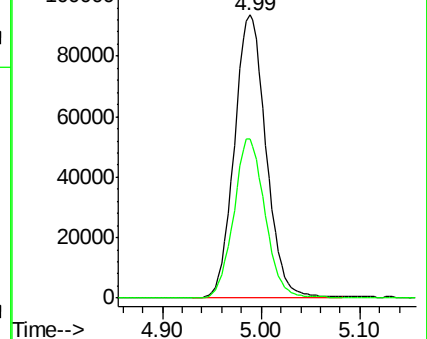
168 100

99 56.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)



#4

Vinyl Chloride

Concen: 12.75 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025298.D

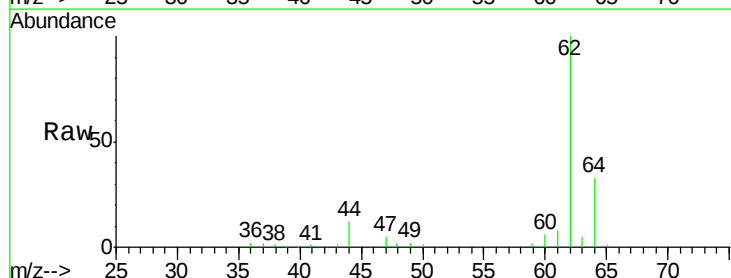
Acq: 10 Jul 2018 18:55

Tgt Ion: 62 Resp: 30453

Ion Ratio Lower Upper

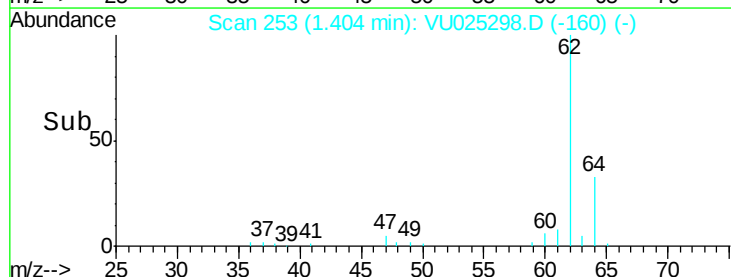
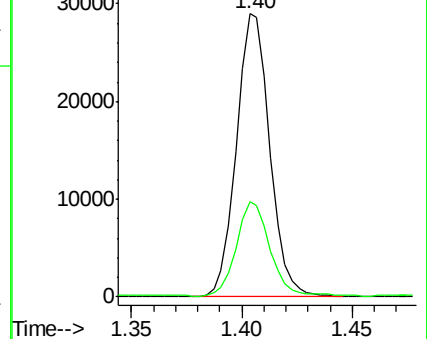
62 100

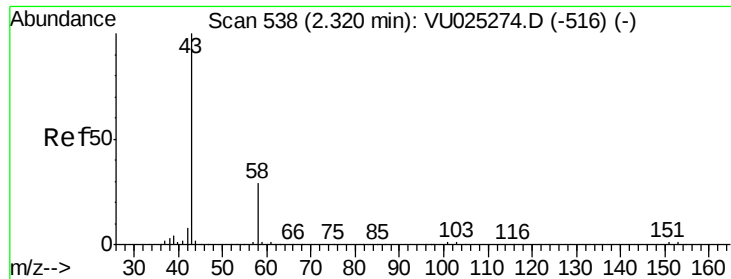
64 33.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025274.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025274.D (-244) (-)





#16

Acetone

Concen: 27.12 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025298.D

Acq: 10 Jul 2018 18:55

Instrument :

MSVOA_U

ClientSampleId :

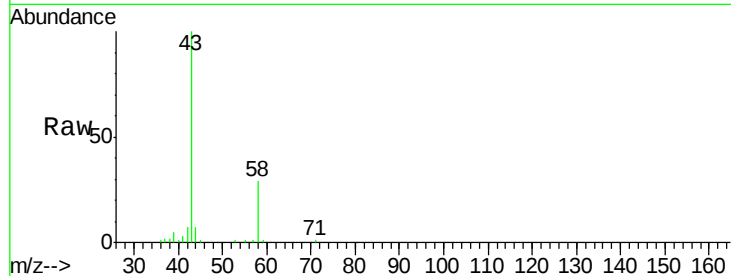
SS038RW016-180704

Tot Ion: 43 Resp: 37784

Ion Ratio Lower Upper

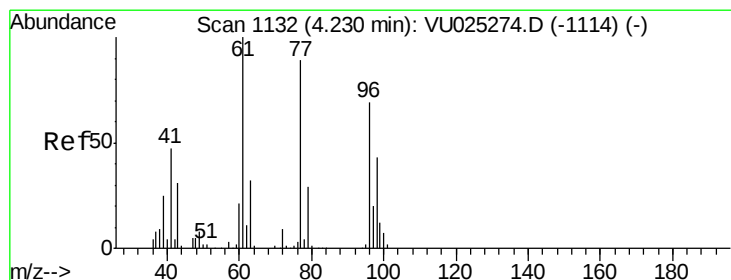
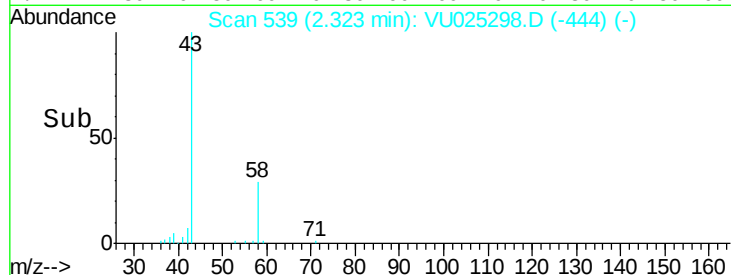
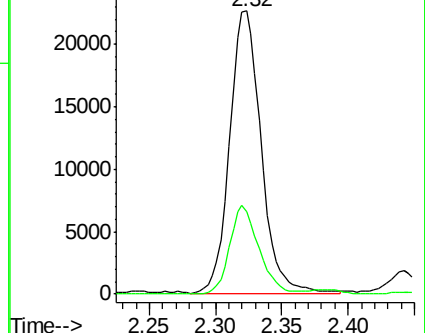
43 100

58 29.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU025298.D (-1039) (-)

Ion 58.00 (57.70 to 58.70): VU025298.D (-1039) (-)



#27

cis-1,2-Dichloroethene

Concen: 3.92 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.01 min

Lab File: VU025298.D

Acq: 10 Jul 2018 18:55

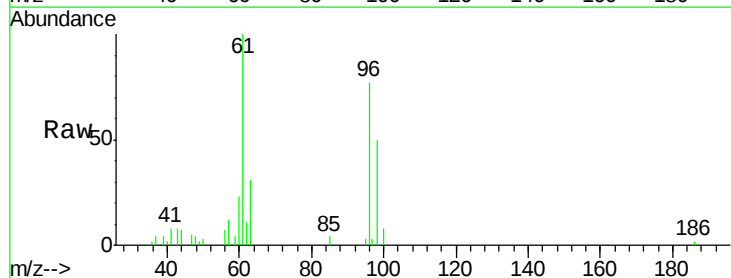
Tgt Ion: 96 Resp: 11044

Ion Ratio Lower Upper

96 100

61 130.0 0.0 299.8

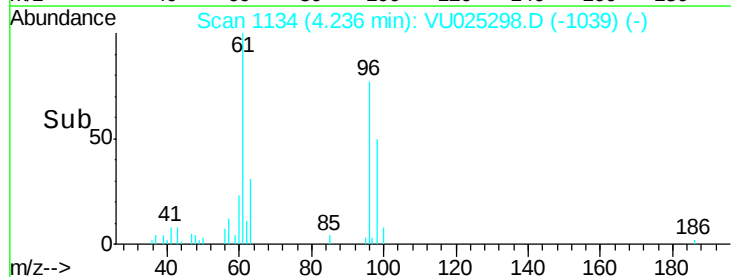
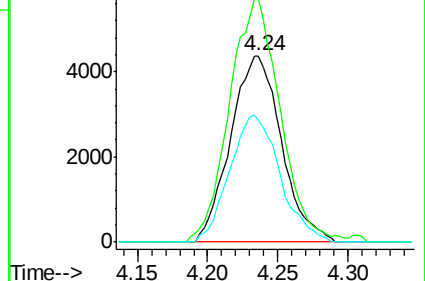
98 67.2 0.0 128.6

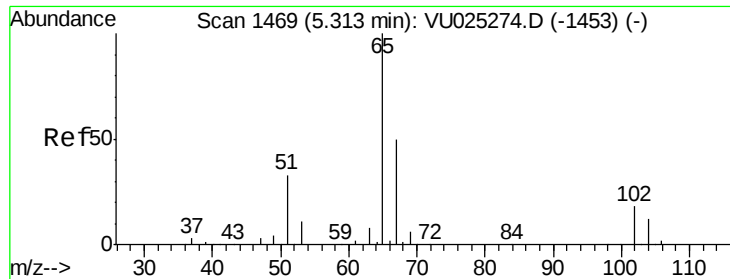


Abundance Ion 95.90 (95.60 to 96.60): VU025298.D (-1039) (-)

Ion 60.90 (60.60 to 61.60): VU025298.D (-1039) (-)

Ion 97.90 (97.60 to 98.60): VU025298.D (-1039) (-)

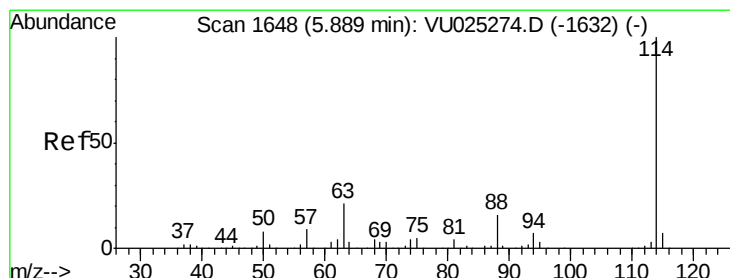
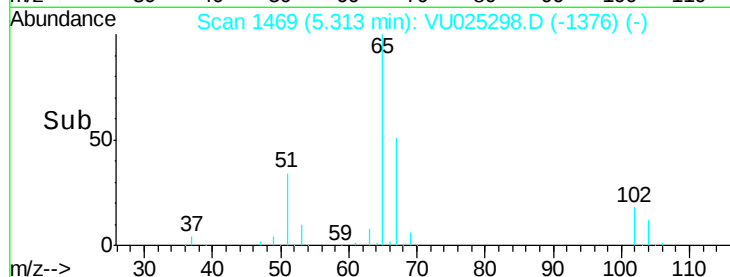
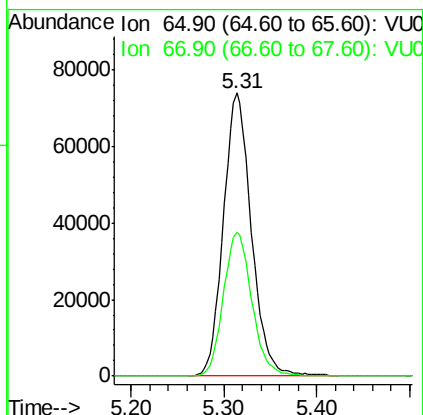
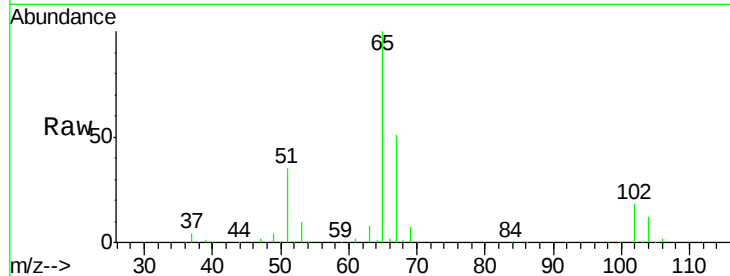




#33
 1,2-Dichloroethane-d4
 Concen: 47.48 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025298.D
 Acq: 10 Jul 2018 18:55

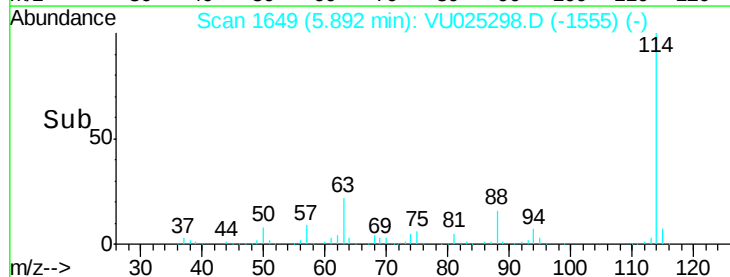
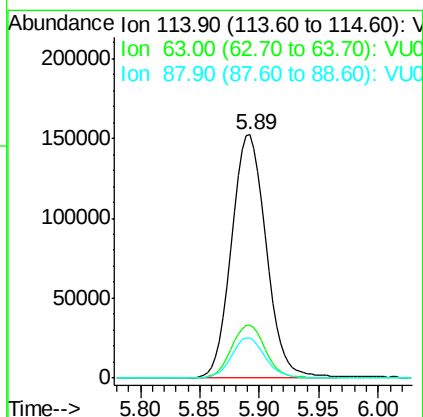
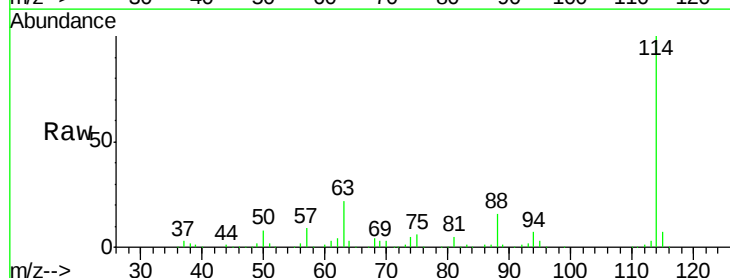
Instrument :
 MSVOA_U
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 SS038RW016-180704

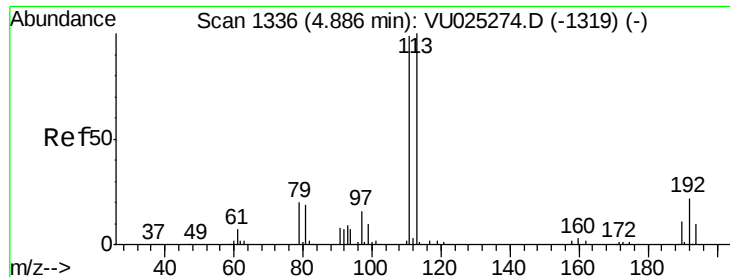
Tot Ion: 65 Resp: 154894
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025298.D
 Acq: 10 Jul 2018 18:55

Tgt Ion: 114 Resp: 309082
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 41.6
 88 16.4 0.0 32.4

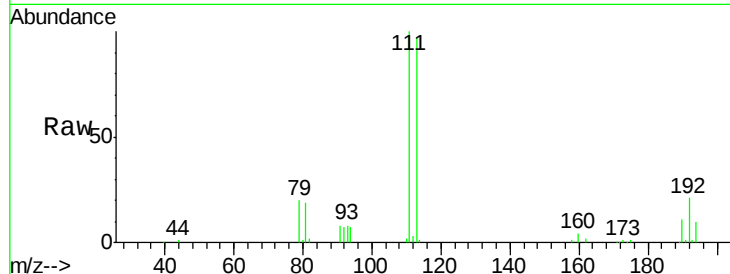




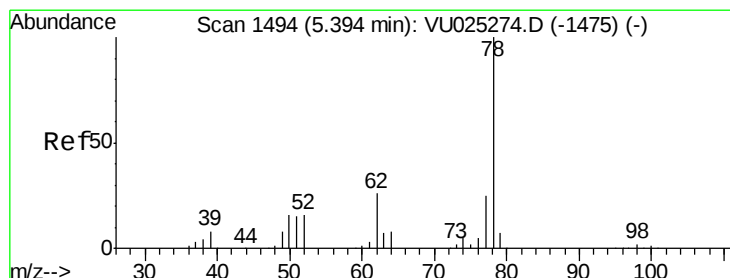
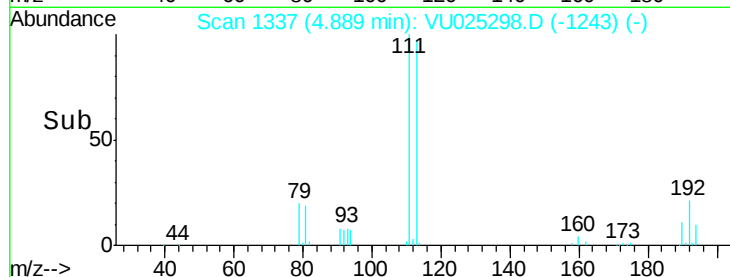
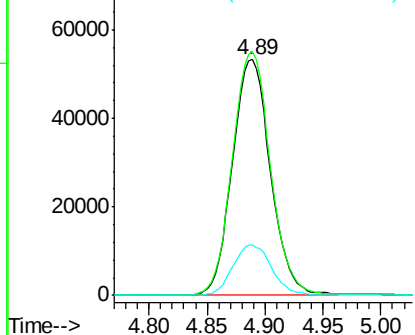
#35
 Dibromofluoromethane
 Concen: 46.67 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025298.D
 Acq: 10 Jul 2018 18:55

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW016-180704

Tot Ion:113 Resp: 121688
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.7 122.5
 192 21.8 17.1 25.7

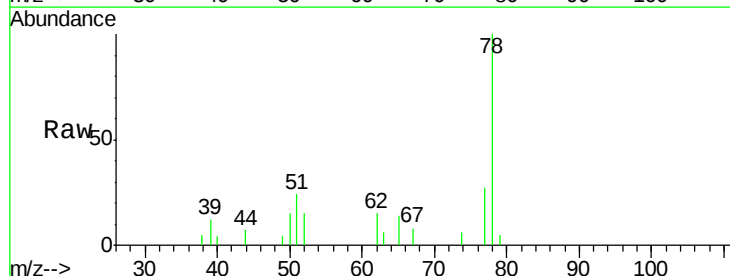


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

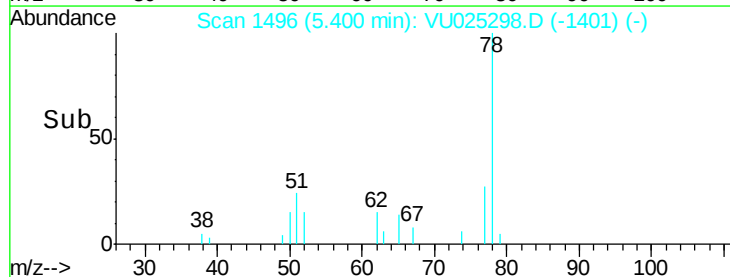
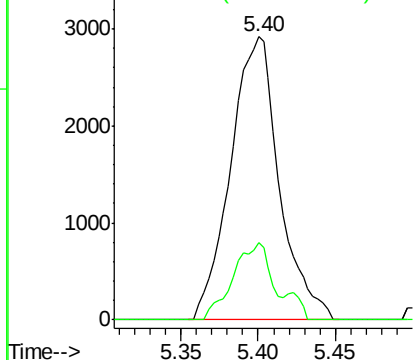


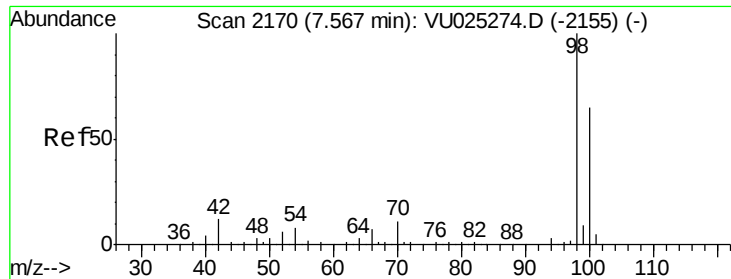
#40
 Benzene
 Concen: 0.65 ug/l
 RT: 5.40 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VU025298.D
 Acq: 10 Jul 2018 18:55

Tgt Ion: 78 Resp: 6394
 Ion Ratio Lower Upper
 78 100
 77 27.4 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

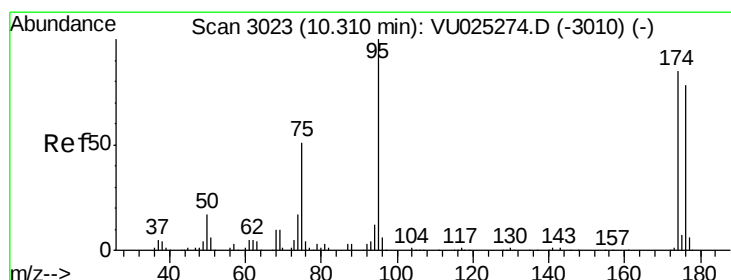
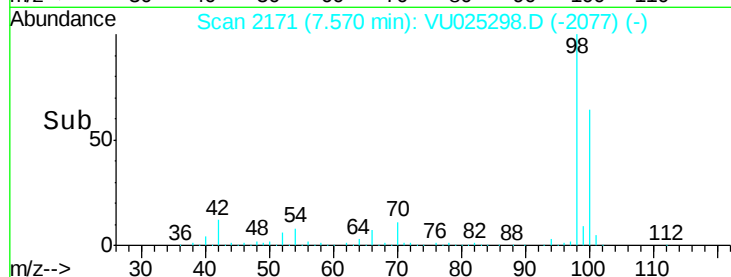
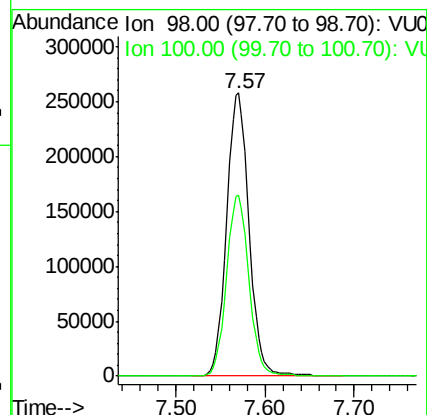
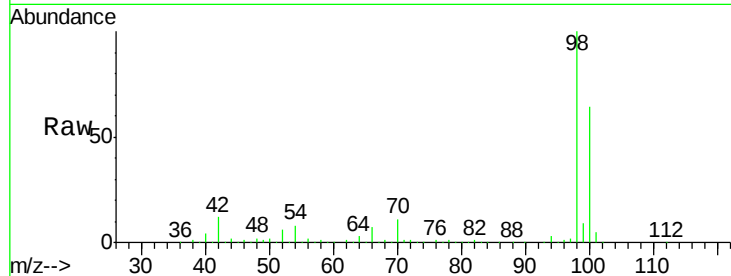




#50
Toluene-d8
Concen: 50.39 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025298.D
Acq: 10 Jul 2018 18:55

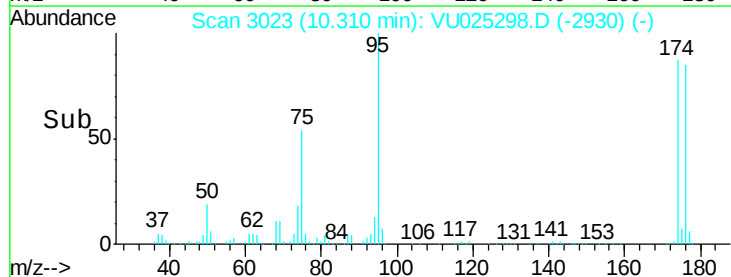
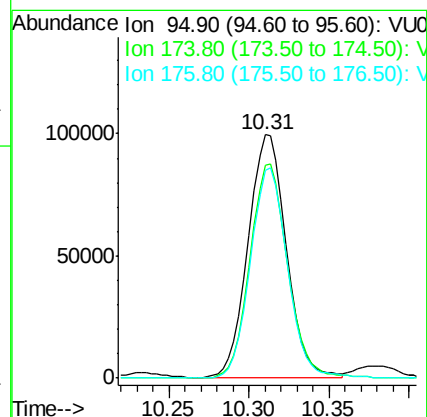
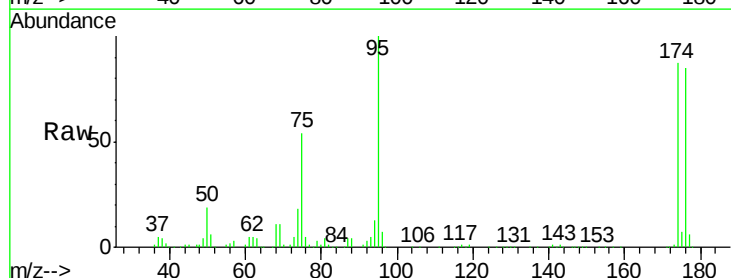
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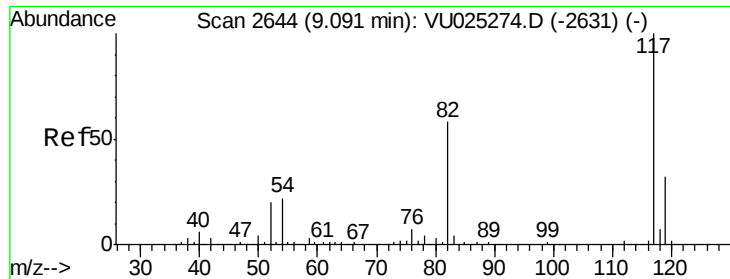
Tot Ion: 98 Resp: 449902
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025298.D
Acq: 10 Jul 2018 18:55

Tgt Ion: 95 Resp: 162914
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 84.1 0.0 162.6

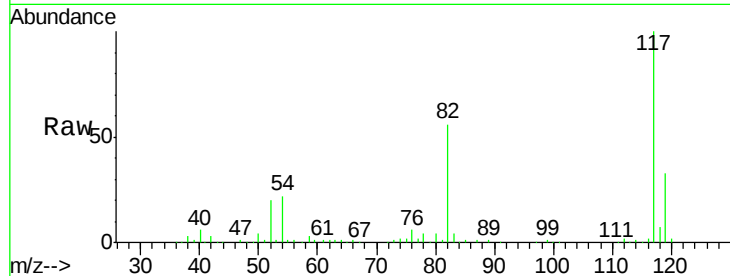




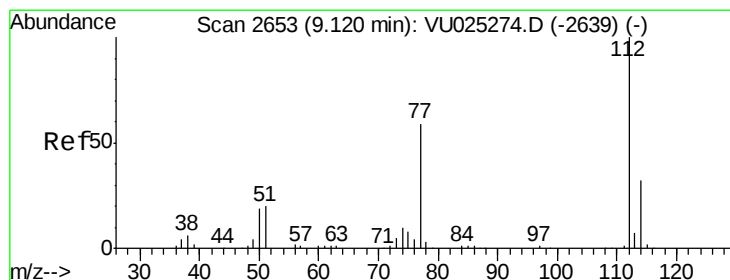
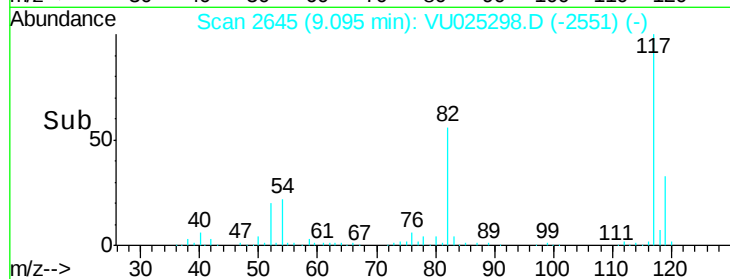
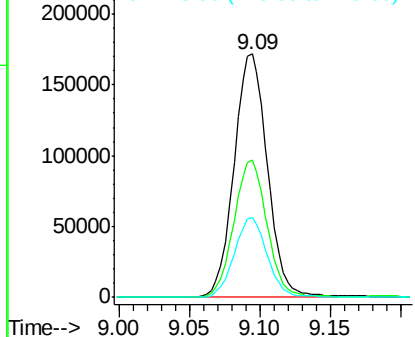
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025298.D
Acq: 10 Jul 2018 18:55

Instrument :
MSVOA_U
ClientSampleId :
SS038RW016-180704

Tot Ion:117 Resp: 285113
Ion Ratio Lower Upper
117 100
82 56.2 46.0 69.0
119 32.7 26.0 39.0

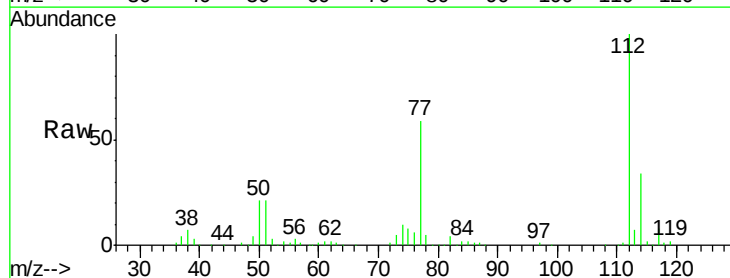


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

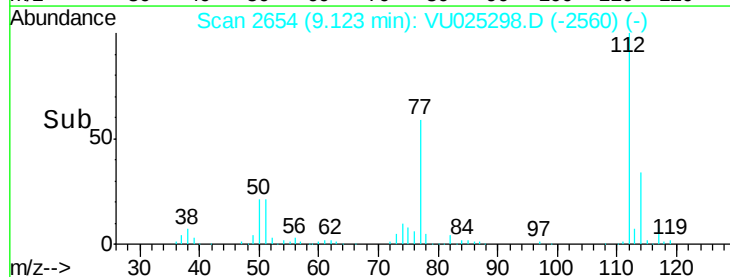
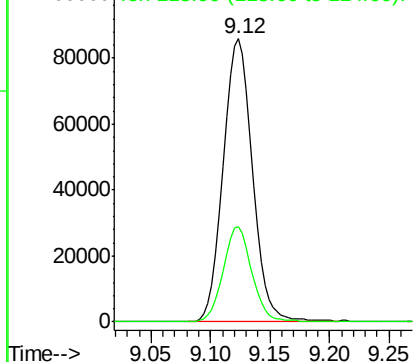


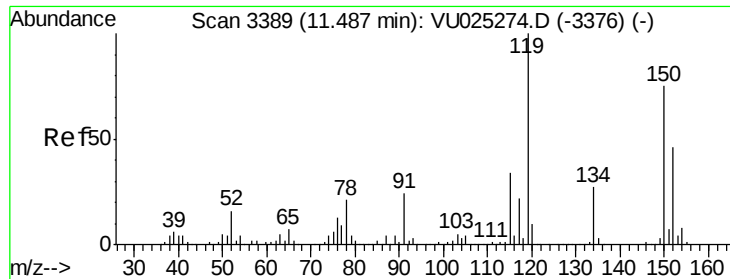
#65
Chlorobenzene
Concen: 20.67 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025298.D
Acq: 10 Jul 2018 18:55

Tgt Ion:112 Resp: 147192
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VU025298.D

Acq: 10 Jul 2018 18:55

Instrument :

MSVOA_U

ClientSampleId :

SS038RW016-180704

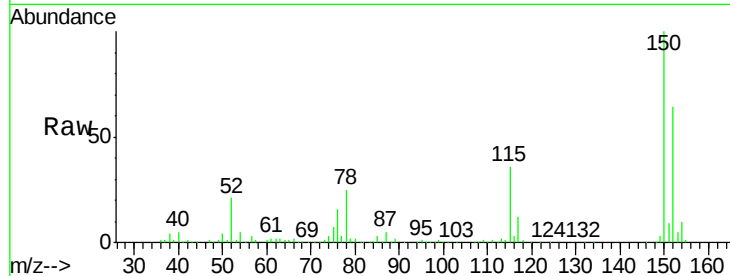
Tot Ion:152 Resp: 152162

Ion Ratio Lower Upper

152 100

115 56.6 40.1 120.3

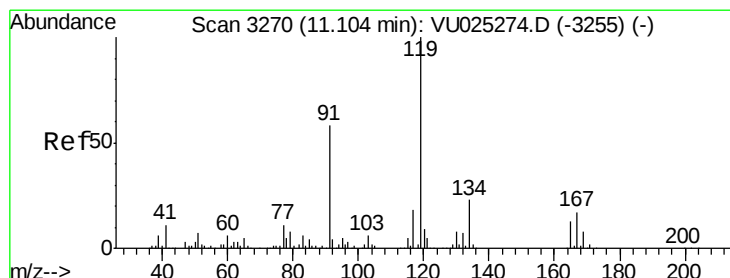
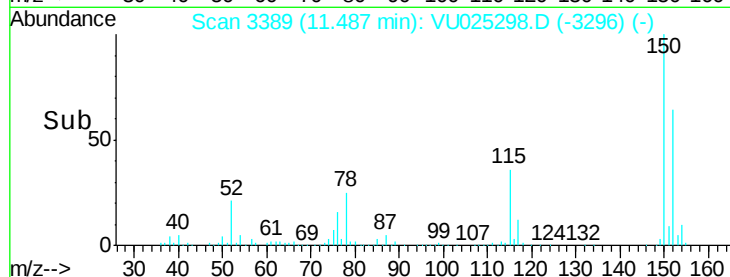
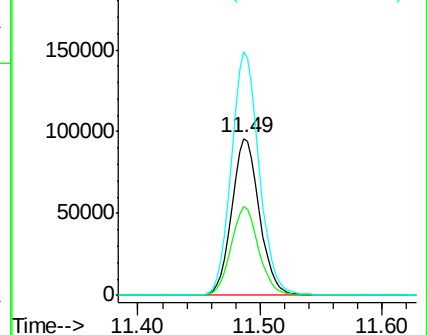
150 156.3 0.0 351.4



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



#83

tert-Butylbenzene

Concen: 1.35 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025298.D

Acq: 10 Jul 2018 18:55

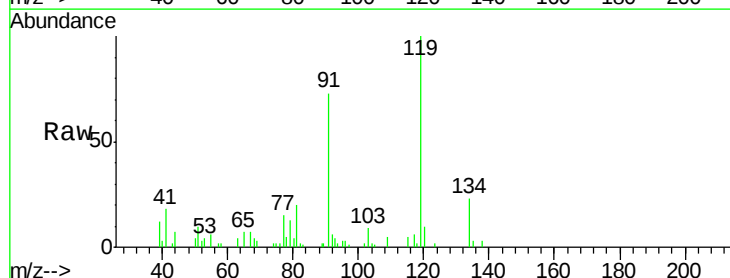
Tgt Ion:119 Resp: 13379

Ion Ratio Lower Upper

119 100

91 73.1 29.7 89.1

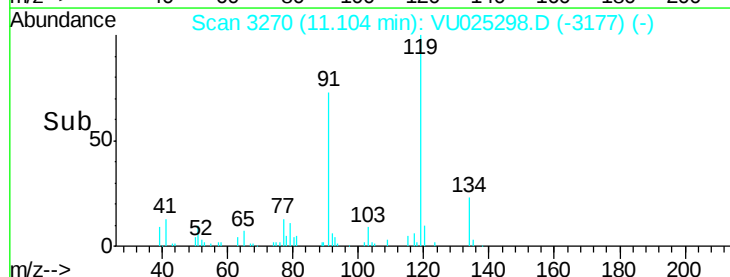
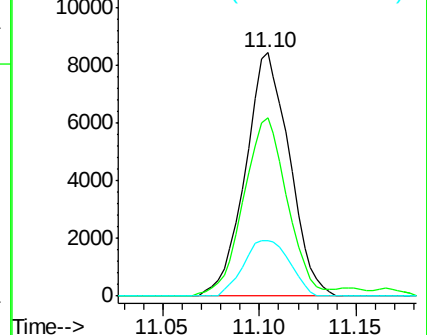
134 24.0 11.5 34.5

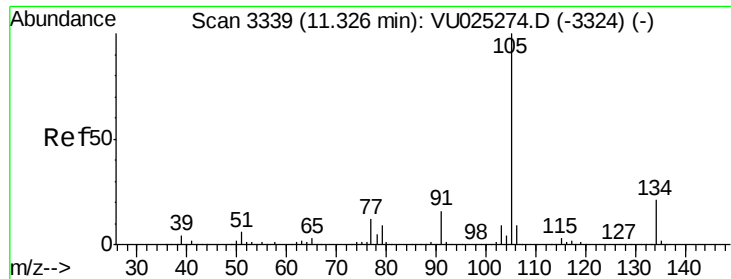


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 0.58 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025298.D

Acq: 10 Jul 2018 18:55

Instrument:

MSVOA_U

ClientSampleId:

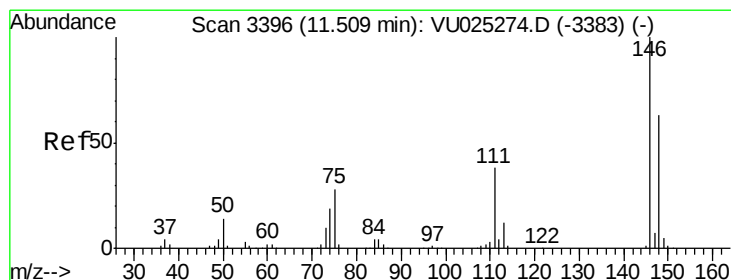
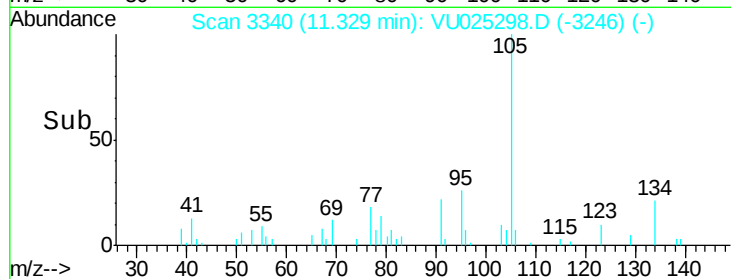
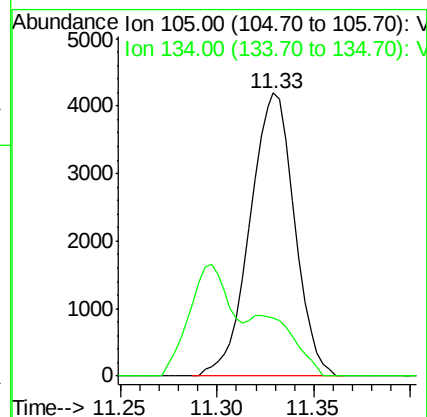
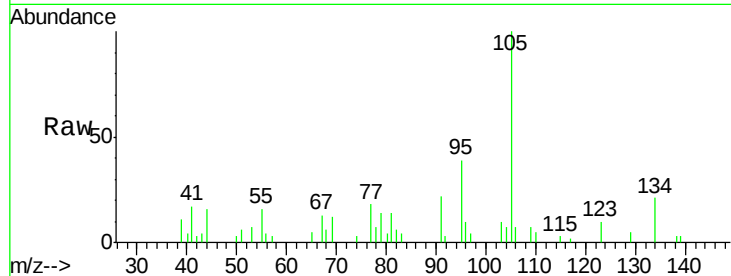
SS038RW016-180704

Tot Ion:105 Resp: 6700

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#



#88

1,4-Dichlorobenzene

Concen: 2.04 ug/l

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025298.D

Acq: 10 Jul 2018 18:55

Tgt Ion:146 Resp: 3035

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.1#

148 95.4 31.7 95.1#

