

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027320.D
 Acq On : 01 Oct 2018 14:58
 Operator : MD/SY
 Sample : VU1001WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBL01

Quant Time: Oct 02 07:21:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	103710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	174788	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77336	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	100313	57.92	ug/l	0.00
Spiked Amount			Recovery	=	115.84%	
35) Dibromofluoromethane	4.88	113	71543	59.72	ug/l	0.00
Spiked Amount			Recovery	=	119.44%	
50) Toluene-d8	7.57	98	274808	61.30	ug/l	0.00
Spiked Amount			Recovery	=	122.60%	
62) 4-Bromofluorobenzene	10.31	95	89092	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	

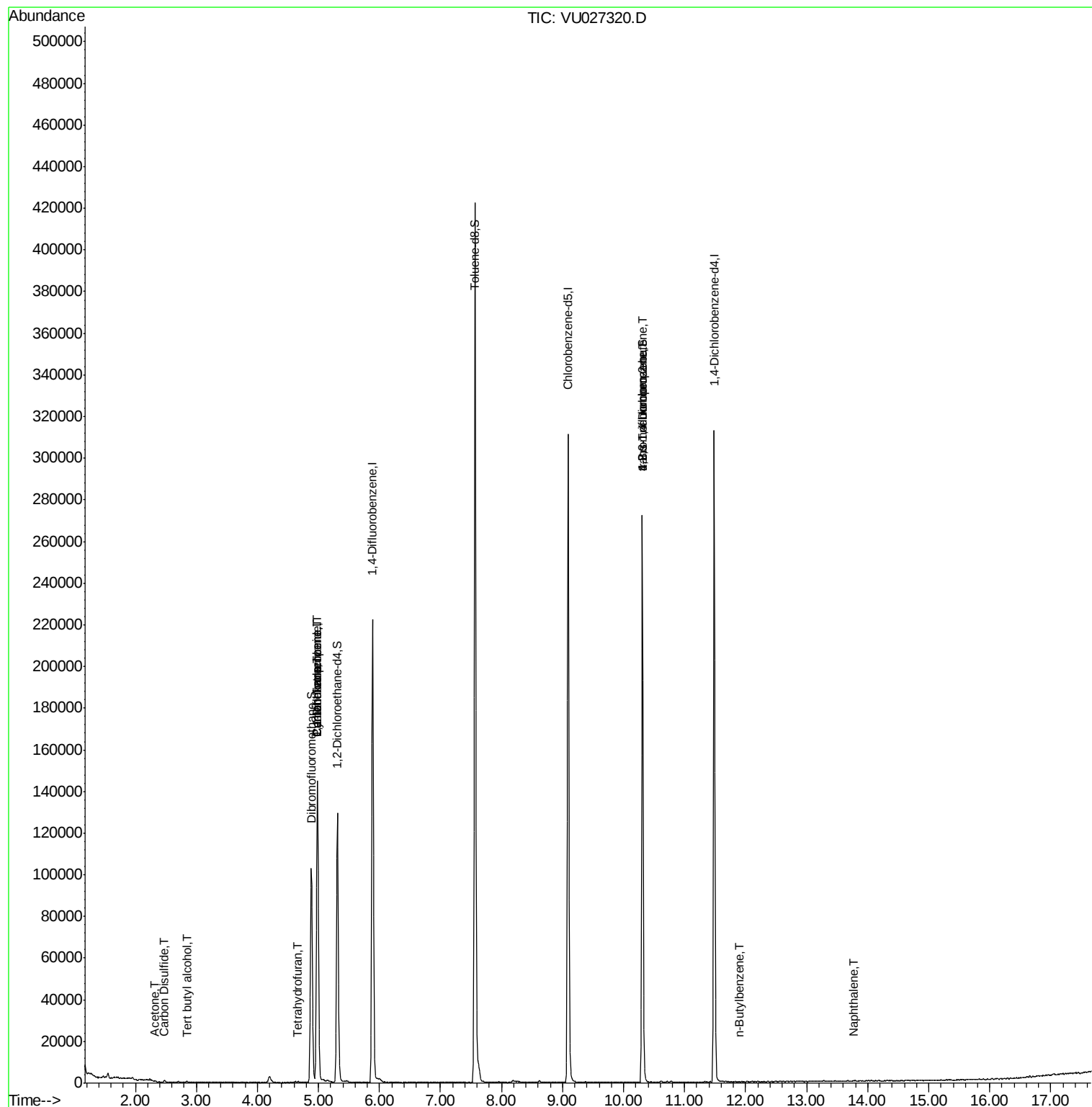
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	290	0.795	ug/l #	72
16) Acetone	2.32	43	564	0.551	ug/l #	44
17) Carbon Disulfide	2.48	76	1110	0.281	ug/l #	75
29) Tetrahydrofuran	4.67	42	277	0.315	ug/l #	39
31) Cyclohexane	4.99	56	2453	0.648	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9539	5.026	ug/l #	51
38) Carbon Tetrachloride	4.98	117	10404	6.069	ug/l #	18
76) 1,2,3-Trichloropropane	10.31	75	48839	24.362	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	48839	63.758	ug/l #	100
89) n-Butylbenzene	11.90	91	64	1.962	ug/l #	33
95) Naphthalene	13.76	128	113	1.679	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU027320.D

Acq: 01 Oct 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

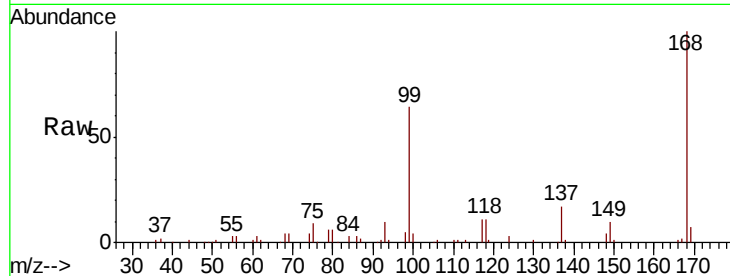
VU1001WBL01

Tot Ion:168 Resp: 103710

Ion Ratio Lower Upper

168 100

99 63.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.98

50000

40000

30000

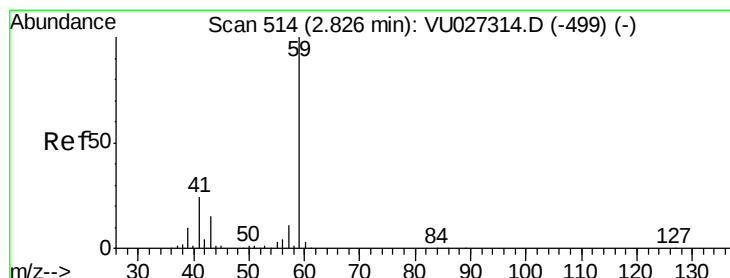
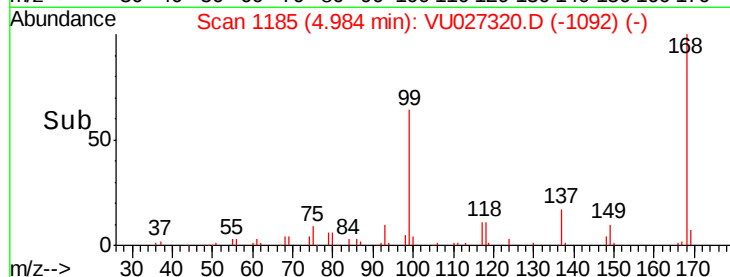
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.795 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027320.D

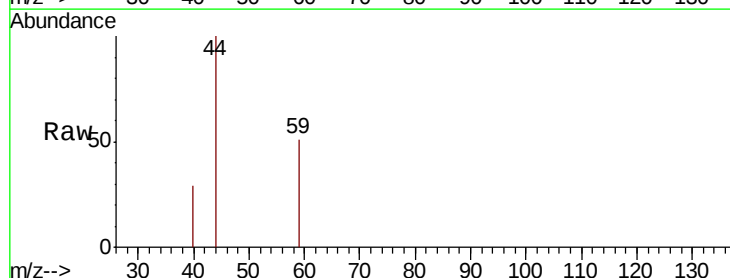
Acq: 01 Oct 2018 14:58

Tgt Ion: 59 Resp: 290

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.83

200

150

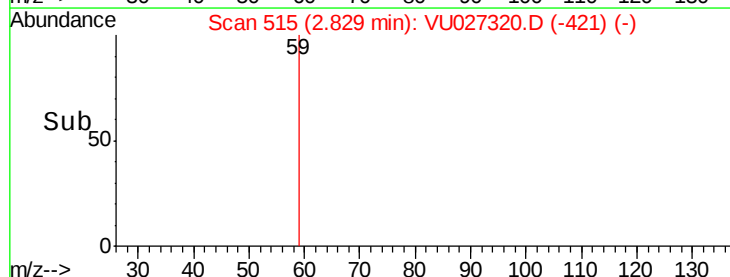
100

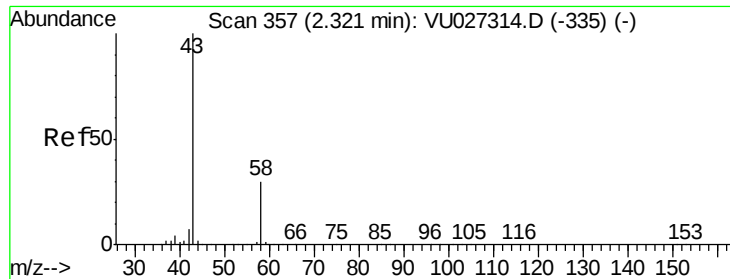
50

0

2.80 2.82 2.84 2.86

Time-->





#16

Acetone

Concen: 0.551 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027320.D

Acq: 01 Oct 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

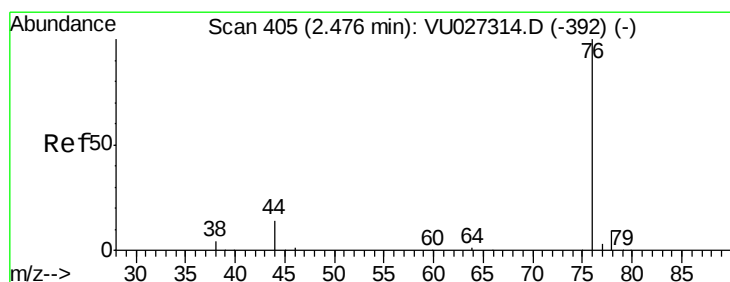
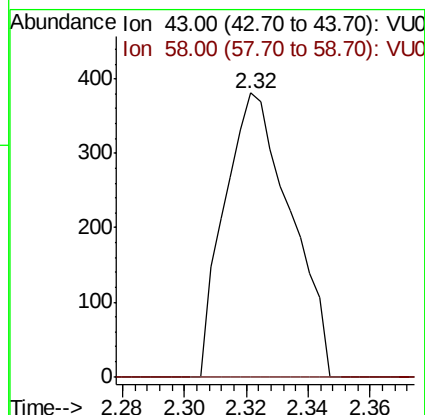
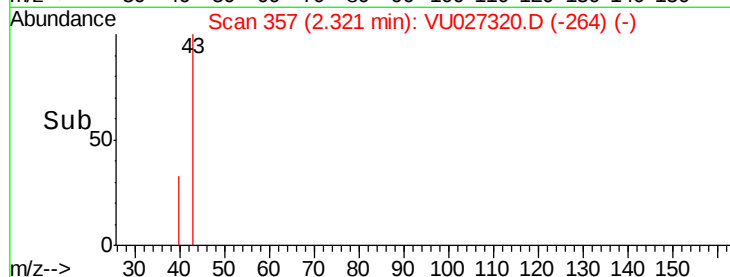
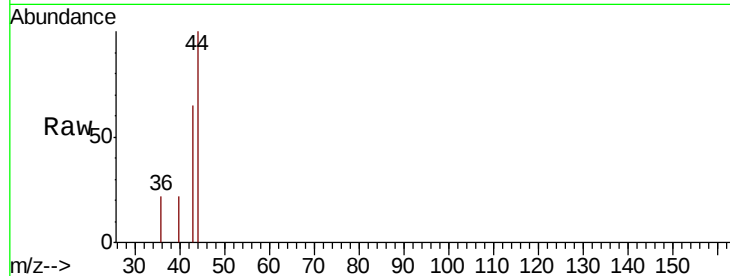
VU1001WBL01

Tot Ion: 43 Resp: 564

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.4#



#17

Carbon Disulfide

Concen: 0.281 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU027320.D

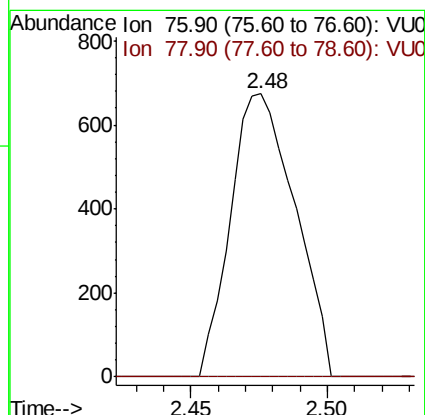
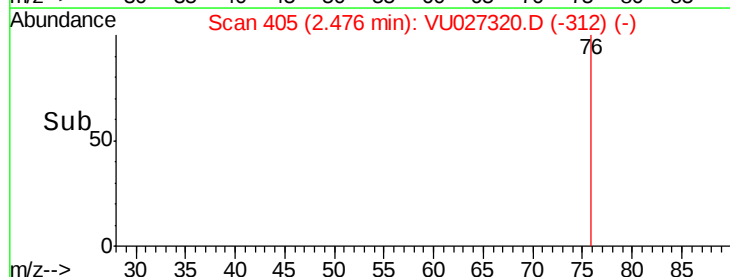
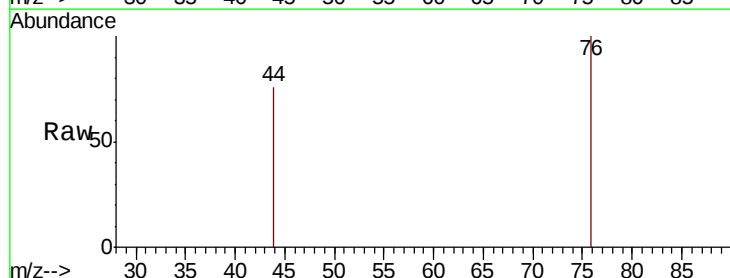
Acq: 01 Oct 2018 14:58

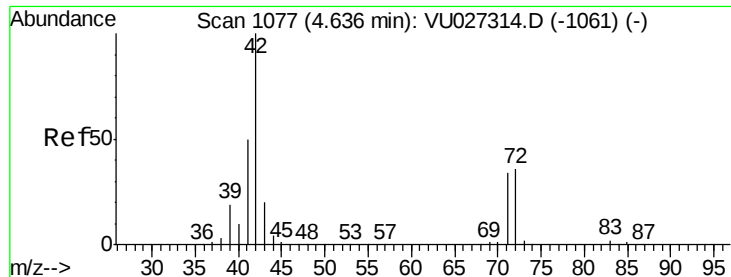
Tgt Ion: 76 Resp: 1110

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#





#29

Tetrahydrofuran

Concen: 0.315 ug/l

RT: 4.67 min Scan# 1087

Delta R.T. 0.03 min

Lab File: VU027320.D

Acq: 01 Oct 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBL01

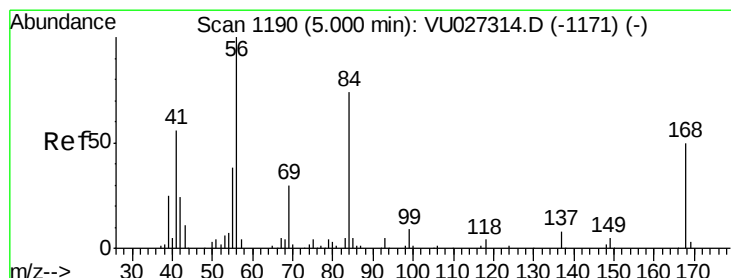
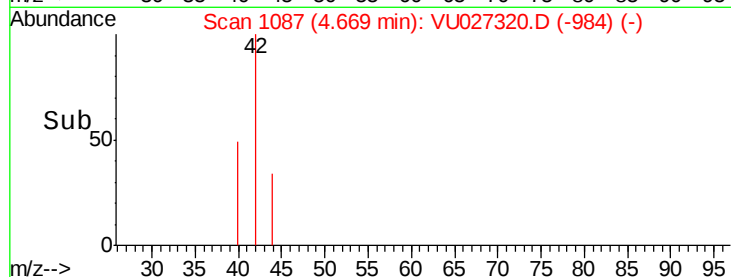
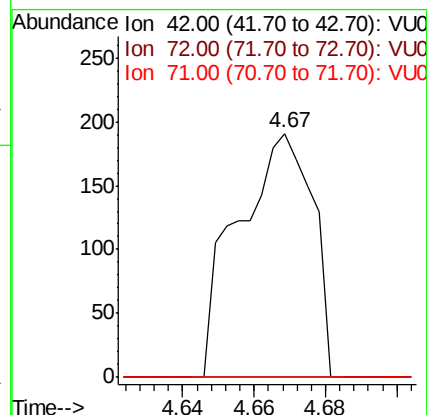
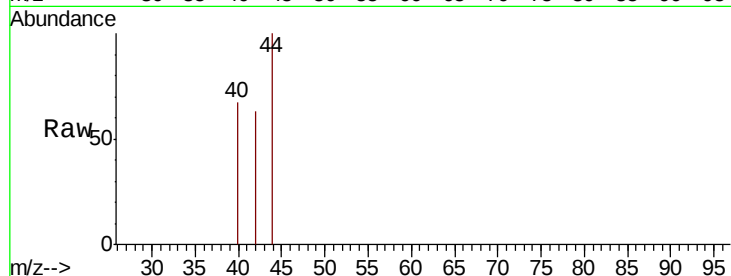
Tot Ion: 42 Resp: 277

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

71 0.0 27.7 41.5#



#31

Cyclohexane

Concen: 0.648 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027320.D

Acq: 01 Oct 2018 14:58

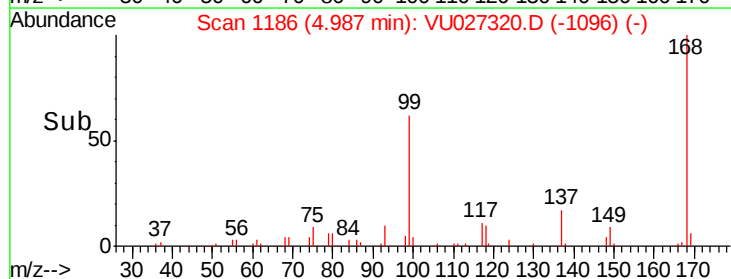
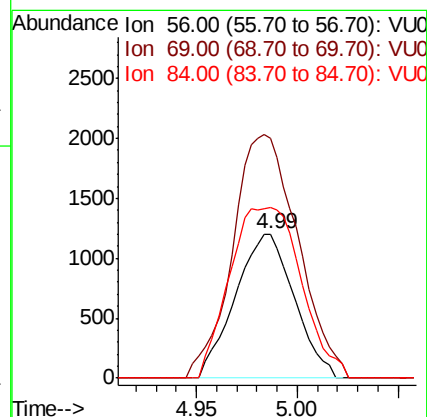
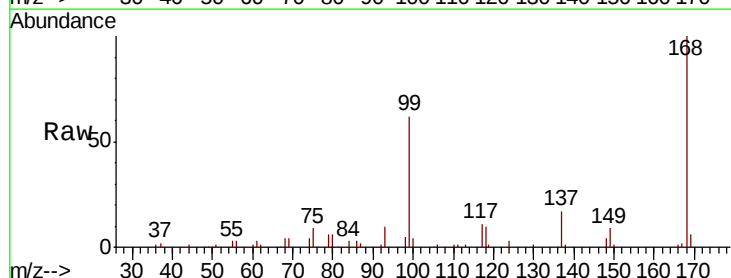
Tgt Ion: 56 Resp: 2453

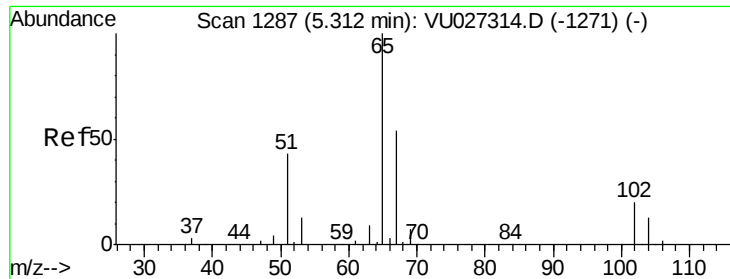
Ion Ratio Lower Upper

56 100

69 156.7 24.1 36.1#

84 118.0 59.1 88.7#

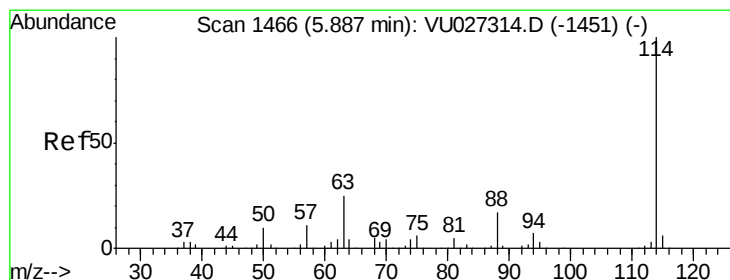
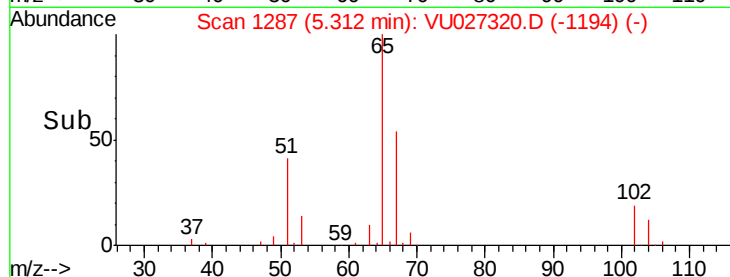
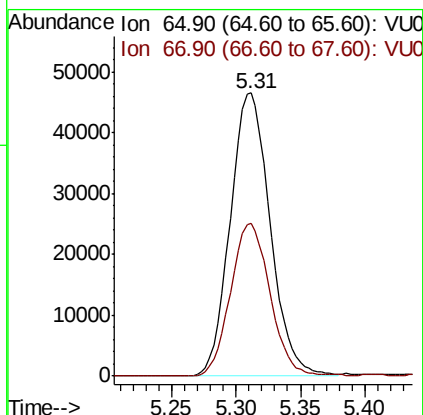
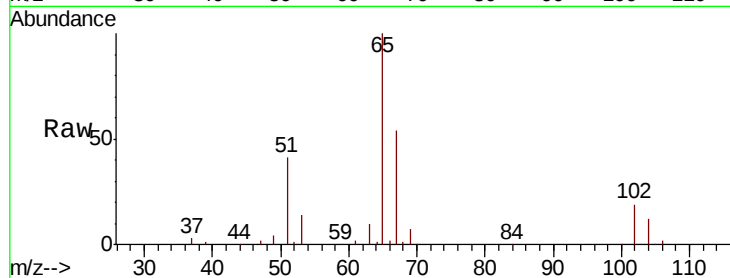




#33
 1,2-Dichloroethane-d4
 Concen: 57.925 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027320.D
 Acq: 01 Oct 2018 14:58

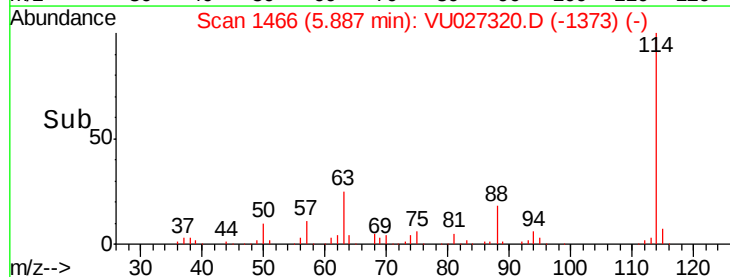
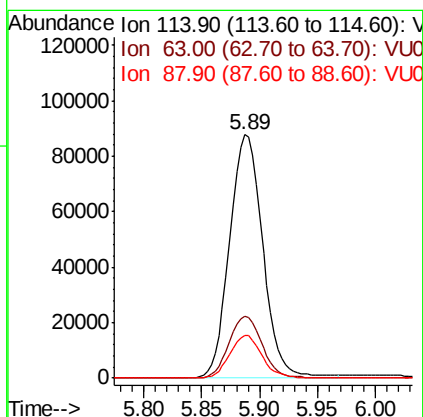
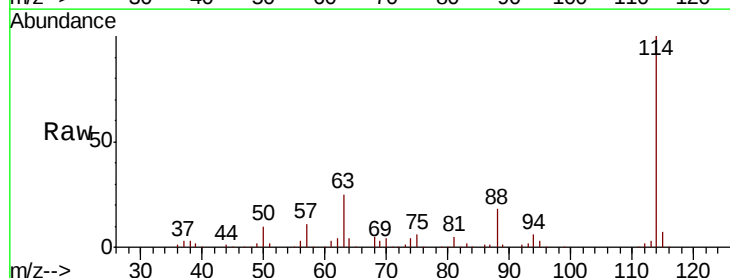
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBL01

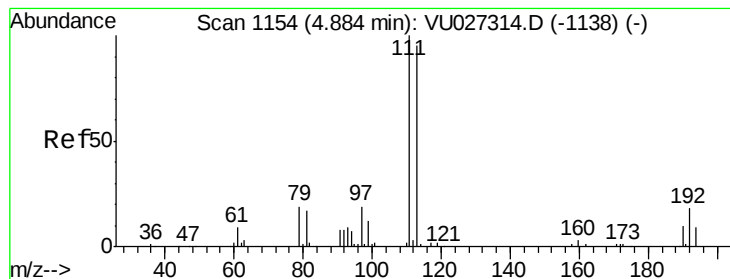
Tot Ion: 65 Resp: 100313
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027320.D
 Acq: 01 Oct 2018 14:58

Tgt Ion: 114 Resp: 174788
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 17.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 59.725 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027320.D

Acq: 01 Oct 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBL01

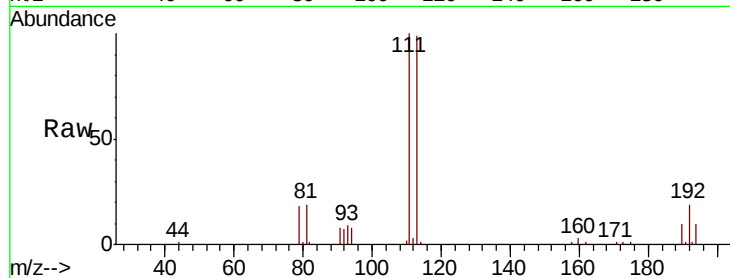
Tot Ion:113 Resp: 71543

Ion Ratio Lower Upper

113 100

111 101.3 83.1 124.7

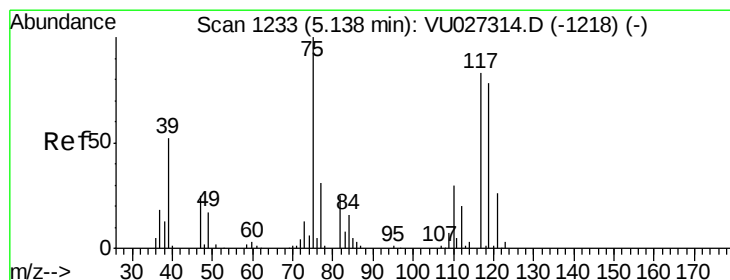
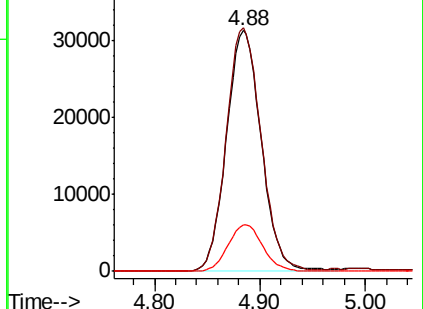
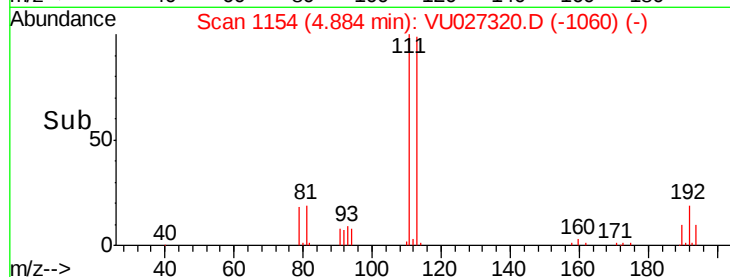
192 19.1 15.4 23.0



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



#36

1,1-Dichloropropene

Concen: 5.026 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027320.D

Acq: 01 Oct 2018 14:58

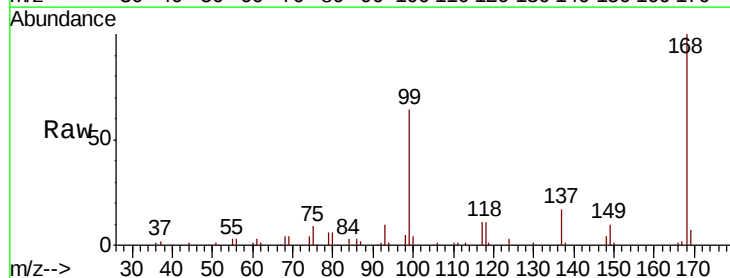
Tgt Ion: 75 Resp: 9539

Ion Ratio Lower Upper

75 100

110 8.3 15.5 46.5#

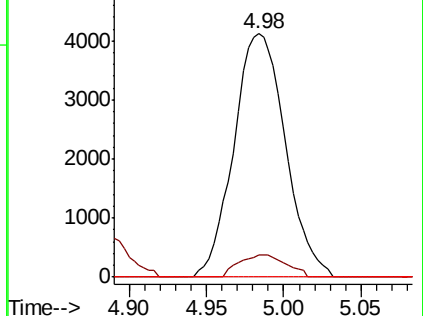
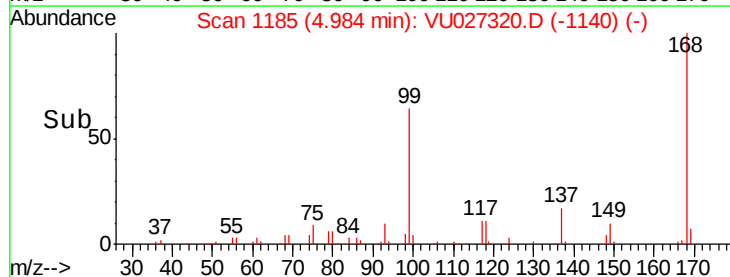
77 0.0 25.4 38.0#

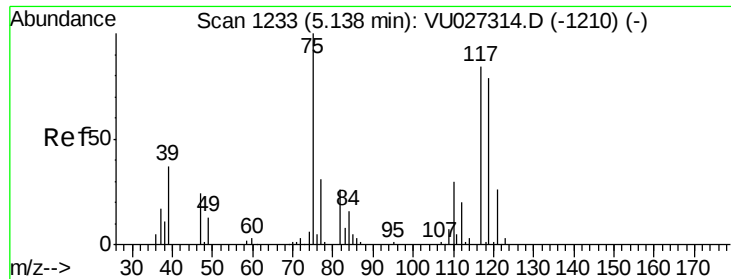


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.069 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027320.D

Acq: 01 Oct 2018 14:58

Instrument :

MSVOA_U

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VU1001WBL01

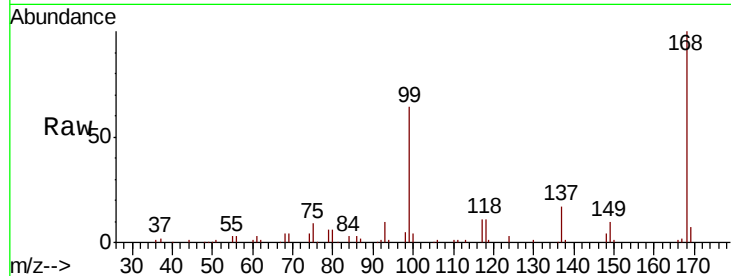
Tot Ion:117 Resp: 10404

Ion Ratio Lower Upper

117 100

119 5.6 74.5 111.7#

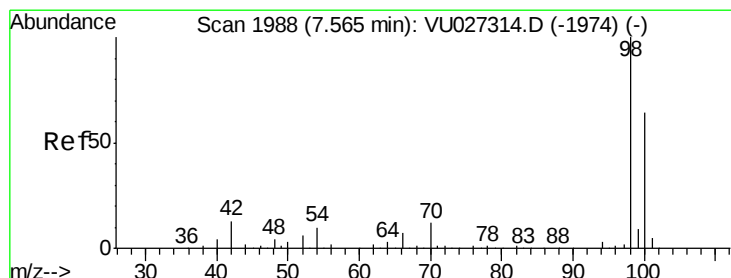
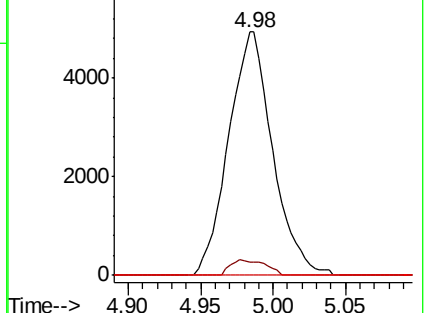
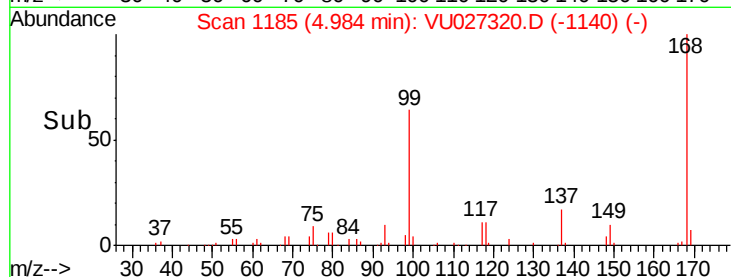
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 61.296 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027320.D

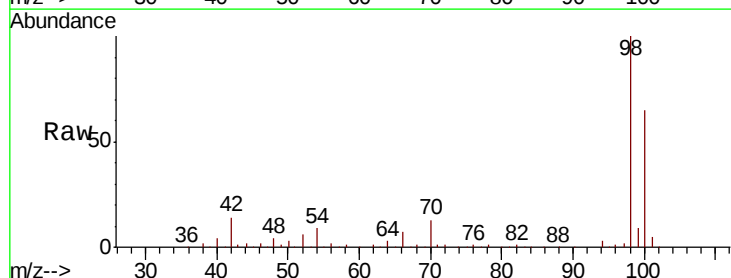
Acq: 01 Oct 2018 14:58

Tgt Ion: 98 Resp: 274808

Ion Ratio Lower Upper

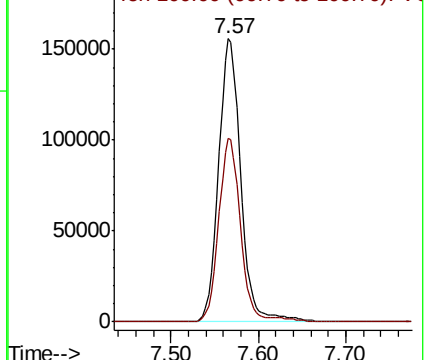
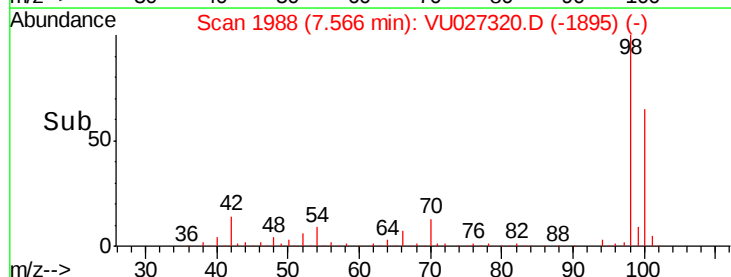
98 100

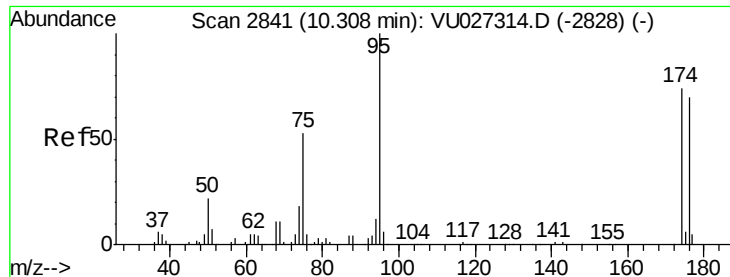
100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

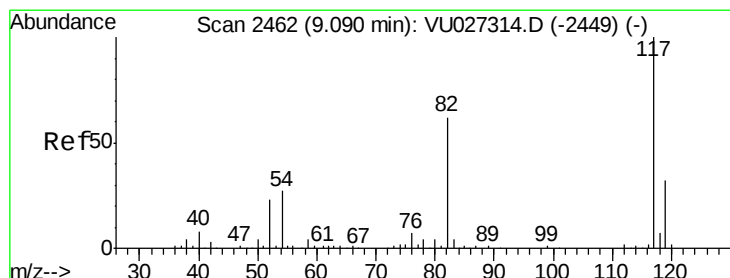
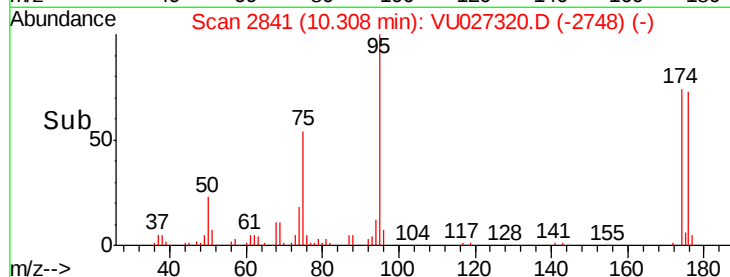
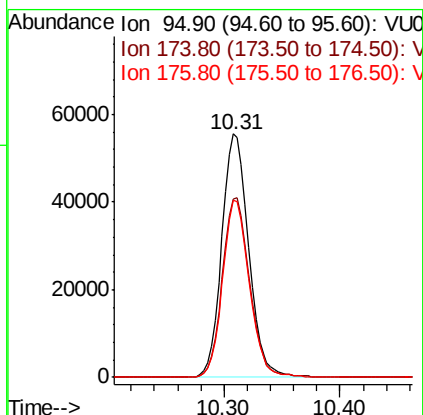
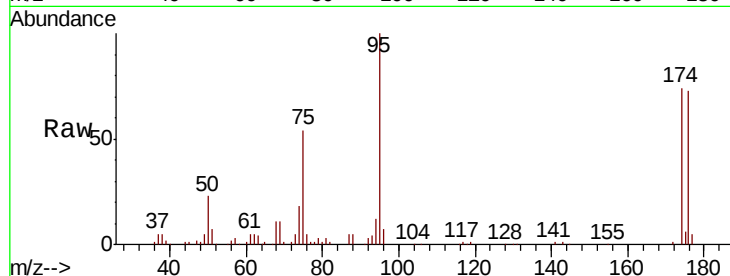




#62
 4-Bromofluorobenzene
 Concen: 53.472 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027320.D
 Acq: 01 Oct 2018 14:58

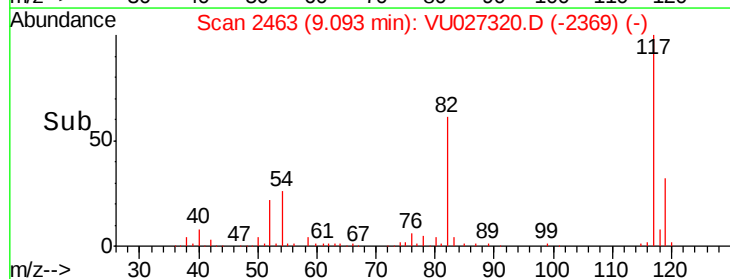
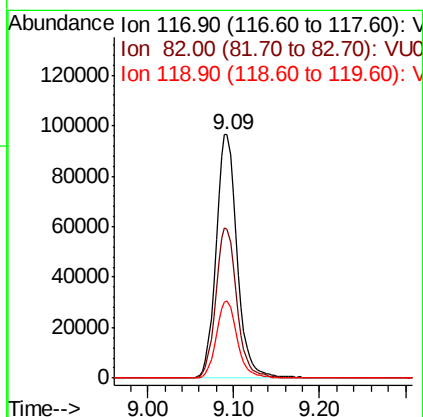
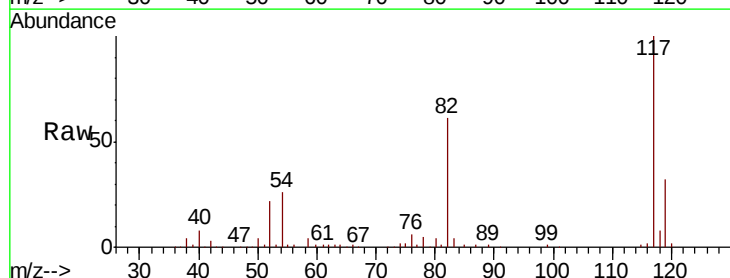
Instrument :
 MSVOA_U
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 VU1001WBL01

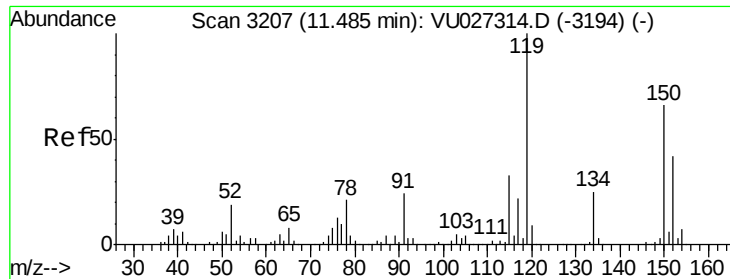
Tot Ion: 95 Resp: 89092
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 147.8
 176 72.5 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027320.D
 Acq: 01 Oct 2018 14:58

Tgt Ion: 117 Resp: 164306
 Ion Ratio Lower Upper
 117 100
 82 61.3 49.2 73.8
 119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027320.D

Acq: 01 Oct 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBL01

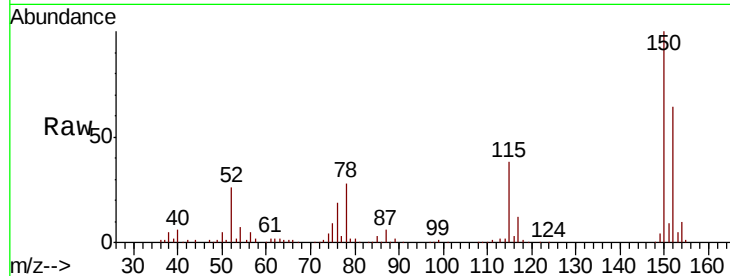
Tot Ion:152 Resp: 77336

Ion Ratio Lower Upper

152 100

115 60.3 43.4 130.2

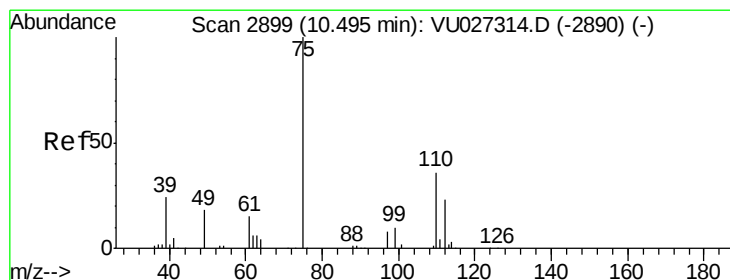
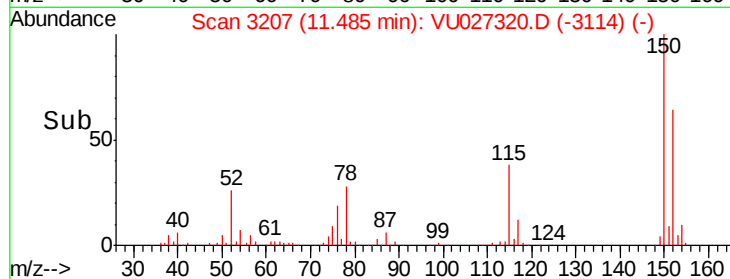
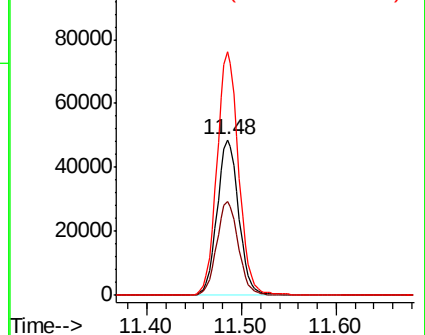
150 156.2 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 24.362 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027320.D

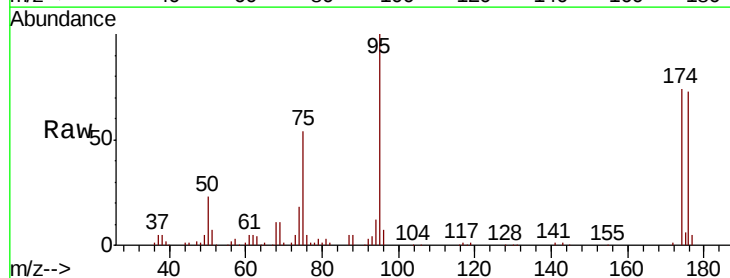
Acq: 01 Oct 2018 14:58

Tgt Ion: 75 Resp: 48839

Ion Ratio Lower Upper

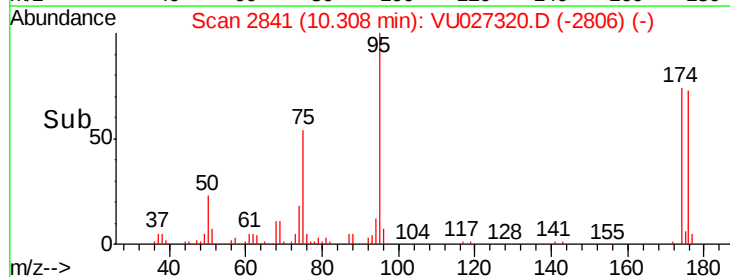
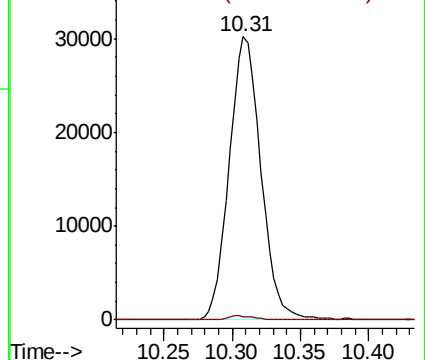
75 100

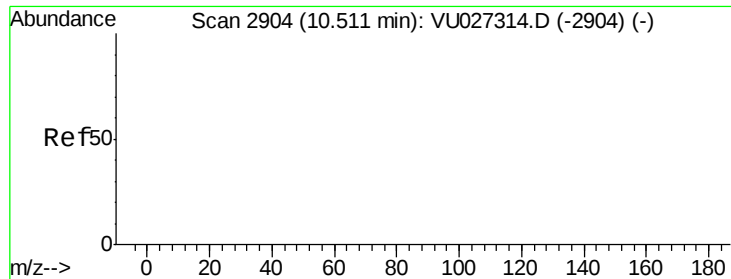
77 1.1 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

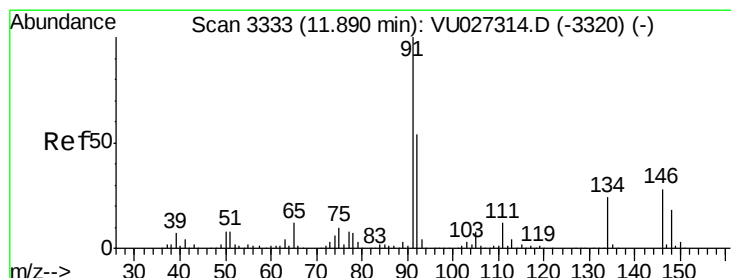
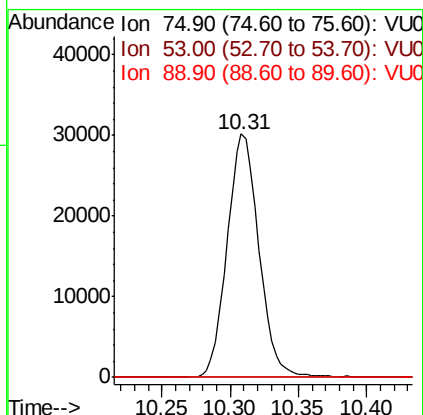
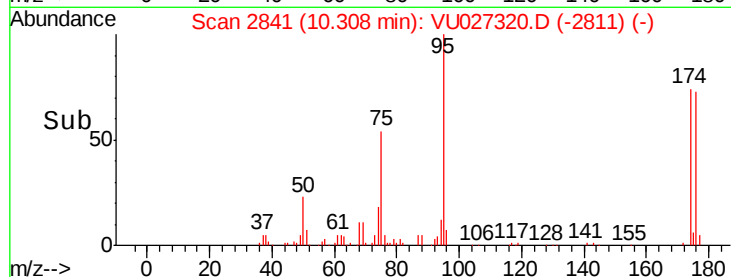
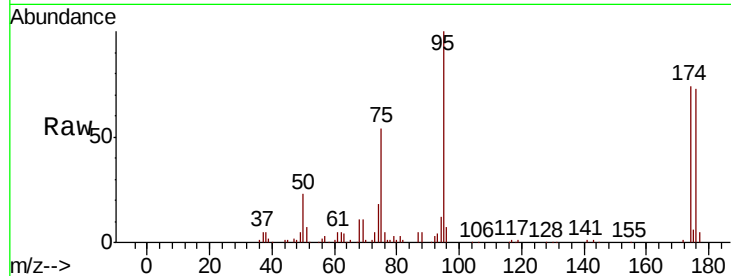




#81
trans-1,4-Dichloro-2-butene
Concen: 63.758 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027320.D
Acq: 01 Oct 2018 14:58

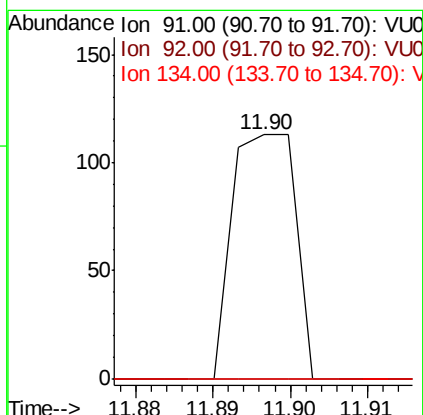
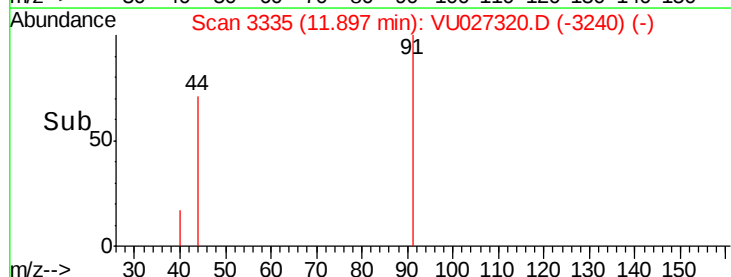
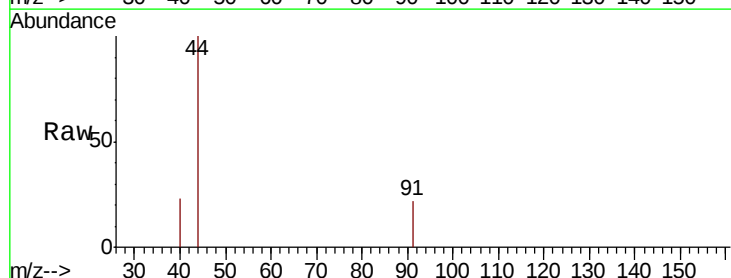
Instrument :
MSVOA_U
ClientSampleId :
VU1001WBL01

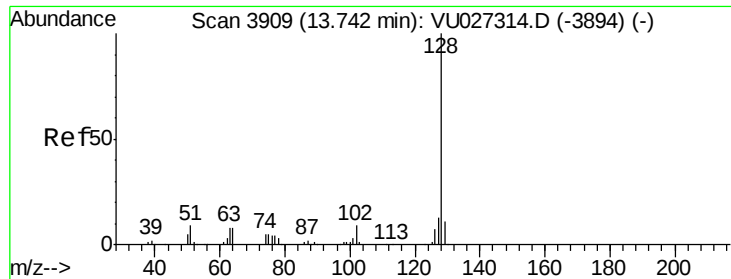
Tot Ion: 75 Resp: 48839
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#89
n-Butylbenzene
Concen: 1.962 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027320.D
Acq: 01 Oct 2018 14:58

Tgt Ion: 91 Resp: 64
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 0.0 11.7 35.1#





#95

Naphthalene

Concen: 1.679 ug/l

RT: 13.76 min Scan# 3915

Delta R.T. 0.02 min

Lab File: VU027320.D

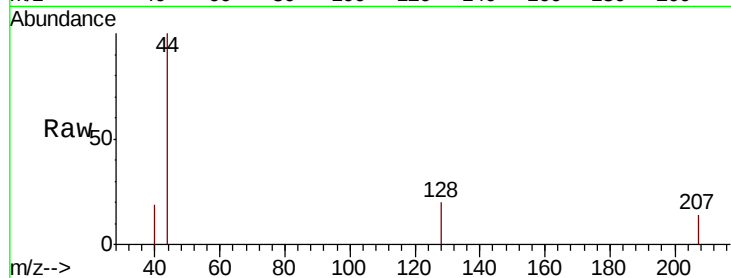
Acq: 01 Oct 2018 14:58

Instrument :

MSVOA_U

ClientSampleId :

VU1001WBL01



Tot Ion:128 Resp: 113

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

