

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082018\
 Data File : VU026206.D
 Acq On : 20 Aug 2018 14:09
 Operator : MD/SY
 Sample : VU0820WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 21 07:40:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 Response via : Initial Calibration

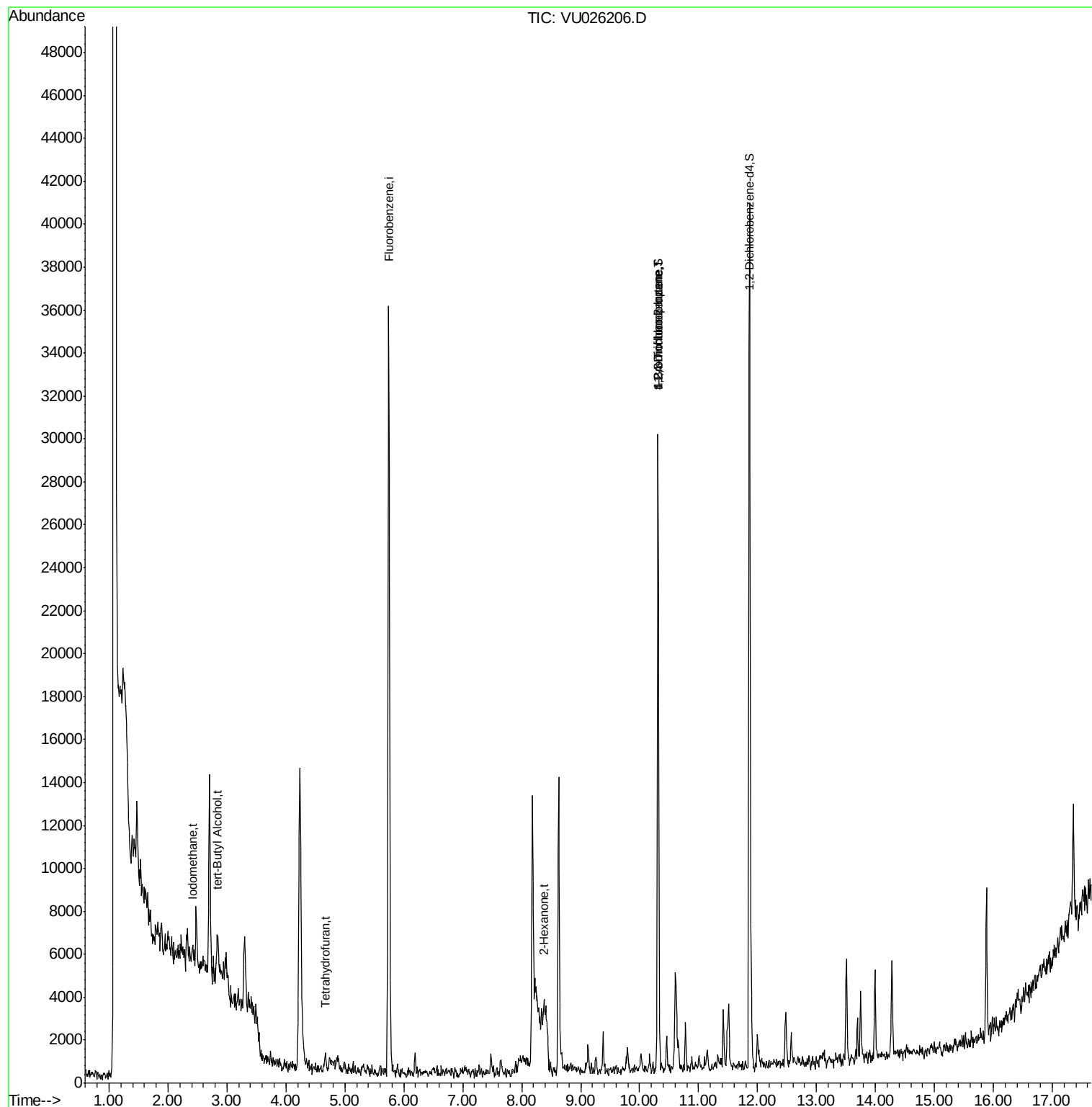
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.75	96	33416	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	10047	0.84	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	11444	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	
Target Compounds						Ovalue
10) Iodomethane	2.41	142	367	0.264	ug/l #	78
13) Acetone	2.32	43	2171	Below Cal		96
24) tert-Butyl Alcohol	2.84	59	1129	1.856	ug/l #	87
41) Tetrahydrofuran	4.66	42	499	0.296	ug/l #	43
46) t-1,4-Dichloro-2-butene	10.31	75	5081	2.319	ug/l #	14
54) 2-Hexanone	8.37	43	1004	0.263	ug/l #	54
71) 1,2,3-Trichloropropane	10.31	75	5081	0.787	ug/l #	44
-----	-----	-----	-----	-----	-----	-----

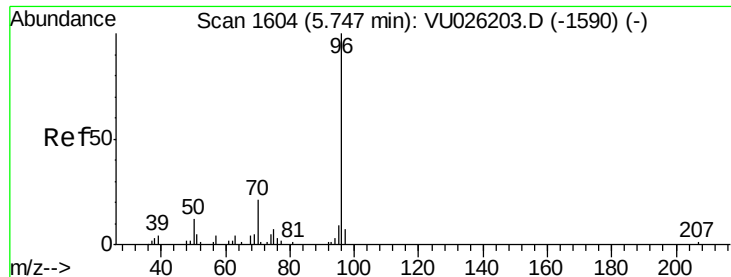
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082018\
Data File : VU026206.D
Acq On : 20 Aug 2018 14:09
Operator : MD/SY
Sample : VU0820WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 21 07:40:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Aug 20 13:35:41 2018
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU026206.D

Acq: 20 Aug 2018 14:09

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 33416

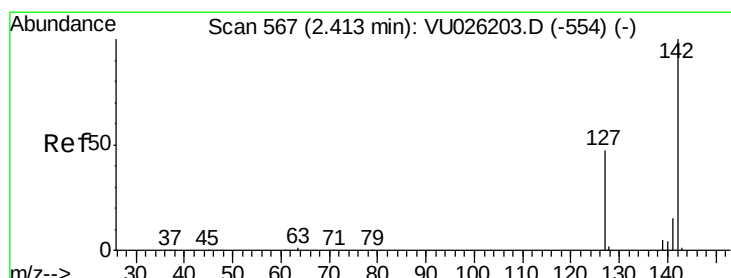
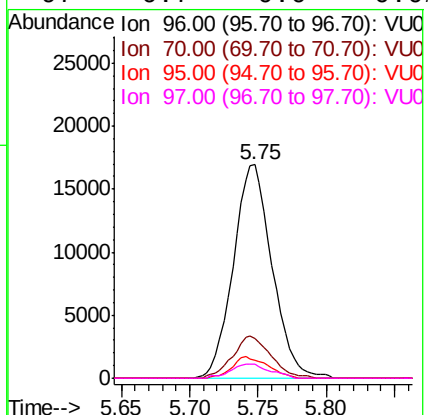
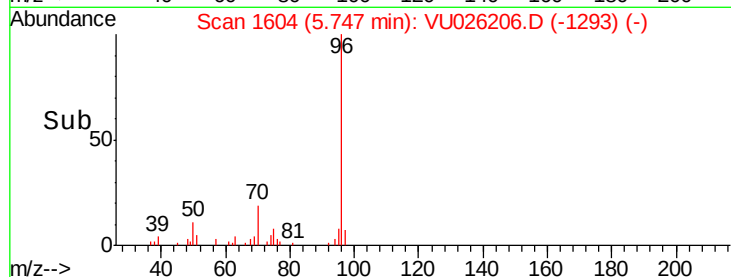
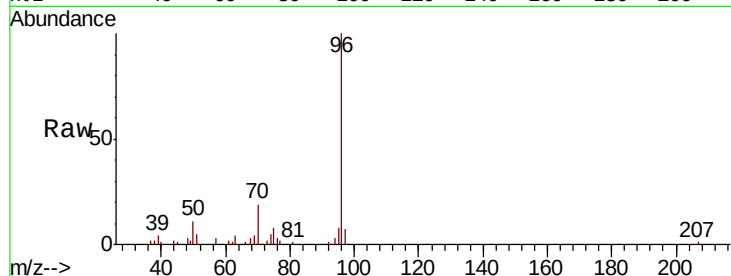
Ion Ratio Lower Upper

96 100

70 19.4 16.2 24.4

95 9.3 6.9 10.3

97 6.7 0.0 0.0#



#10

Iodomethane

Concen: 0.264 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU026206.D

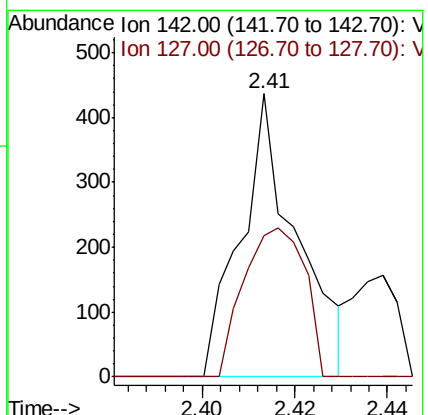
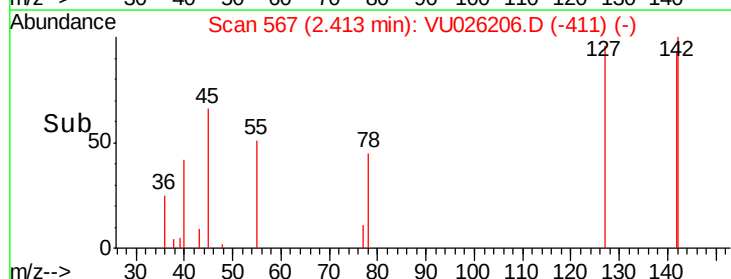
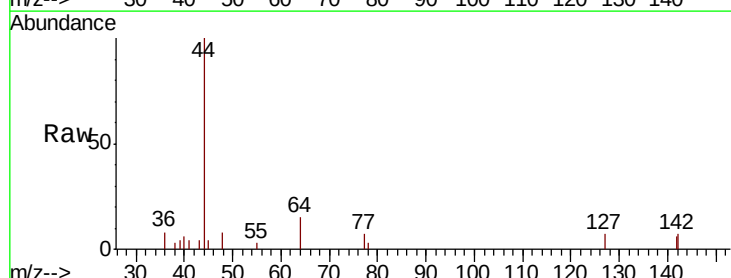
Acq: 20 Aug 2018 14:09

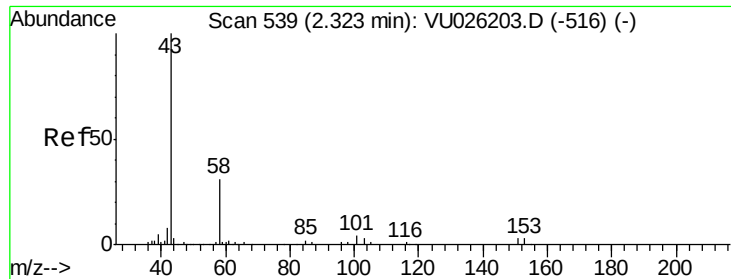
Tgt Ion: 142 Resp: 367

Ion Ratio Lower Upper

142 100

127 57.2 34.5 51.7#





#13

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026206.D

Acq: 20 Aug 2018 14:09

Instrument :

MSVOA_U

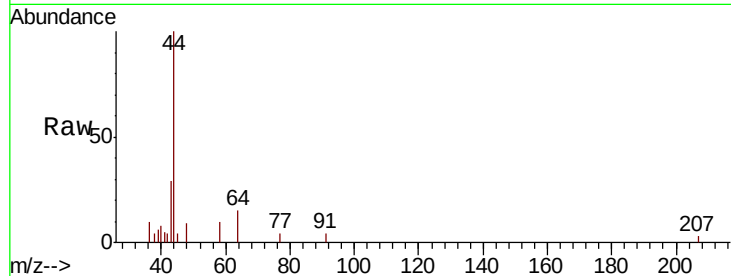
ClientSampleId :

Tot Ion: 43 Resp: 2171

Ion Ratio Lower Upper

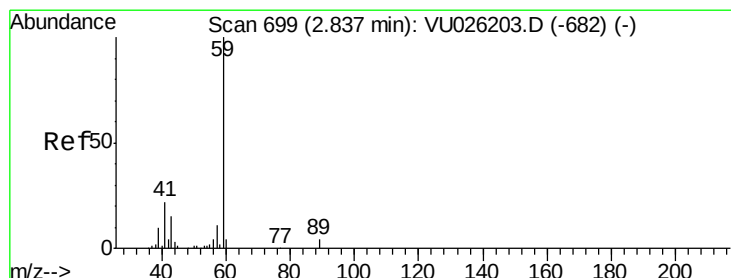
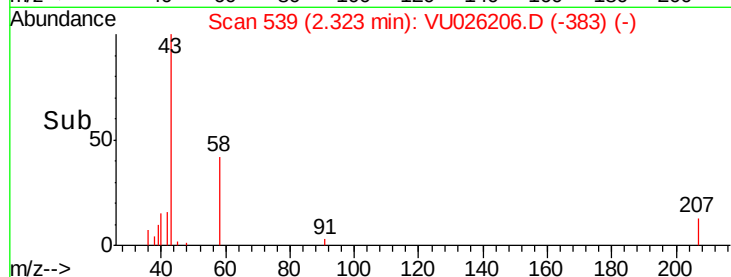
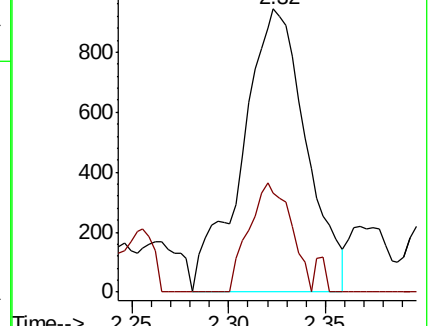
43 100

58 35.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#24

tert-Butyl Alcohol

Concen: 1.856 ug/l

RT: 2.84 min Scan# 700

Delta R.T. 0.00 min

Lab File: VU026206.D

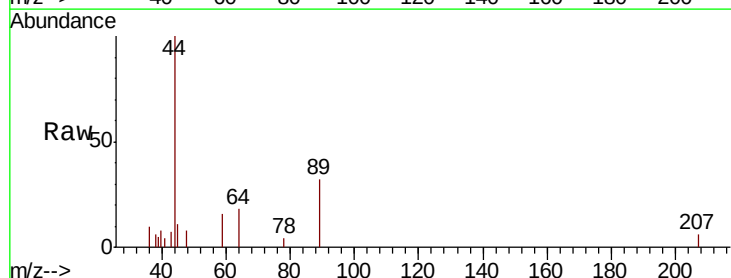
Acq: 20 Aug 2018 14:09

Tgt Ion: 59 Resp: 1129

Ion Ratio Lower Upper

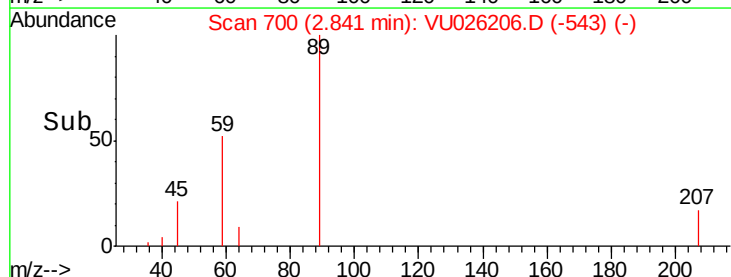
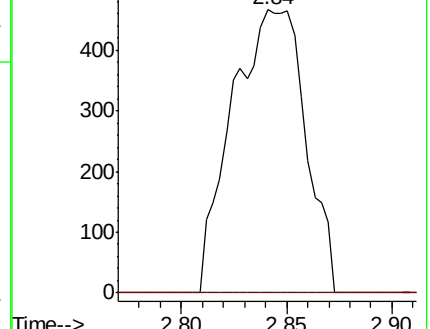
59 100

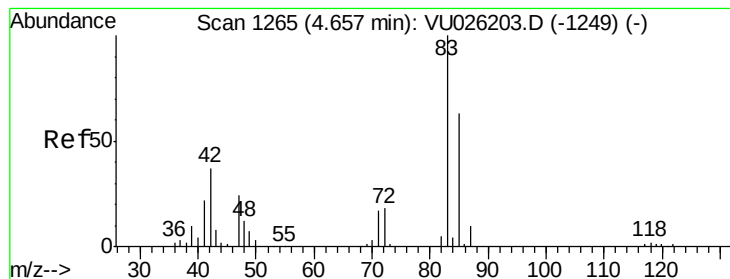
57 0.0 3.4 5.2#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#41

Tetrahydrofuran

Concen: 0.296 ug/l

RT: 4.66 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VU026206.D

Acq: 20 Aug 2018 14:09

Instrument :

MSVOA_U

ClientSampleId :

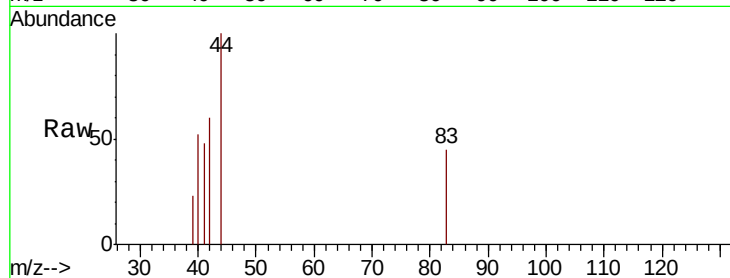
Tot Ion: 42 Resp: 499

Ion Ratio Lower Upper

42 100

72 8.2 33.2 49.8#

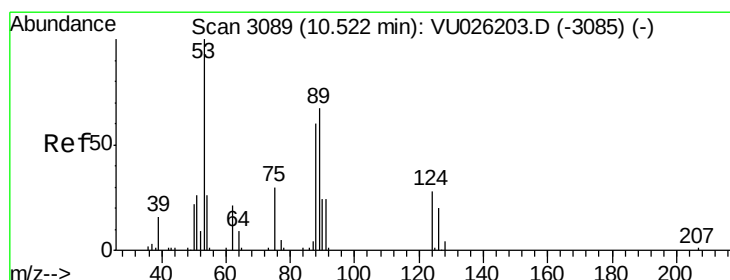
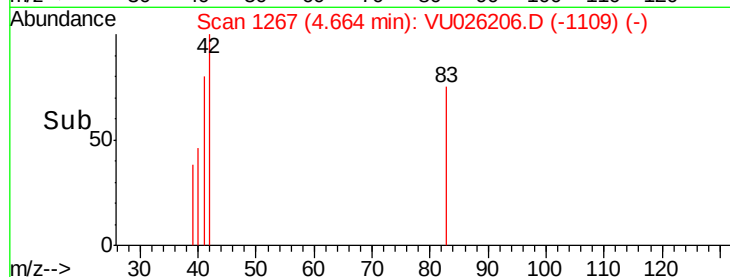
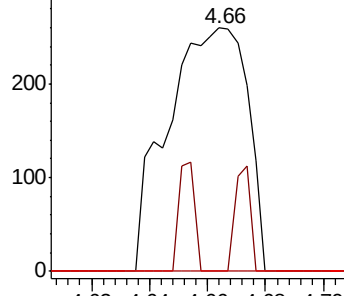
71 0.0 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#46

t-1,4-Dichloro-2-butene

Concen: 2.319 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.21 min

Lab File: VU026206.D

Acq: 20 Aug 2018 14:09

Tgt Ion: 75 Resp: 5081

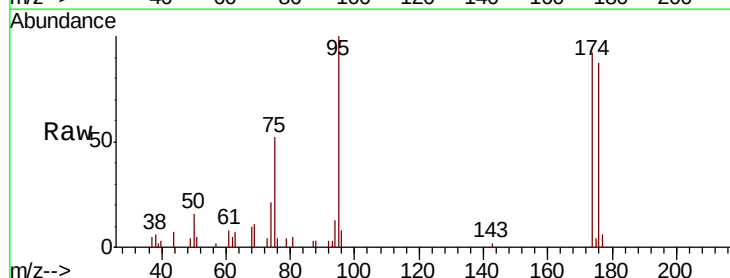
Ion Ratio Lower Upper

75 100

53 0.0 82.2 123.4#

89 0.0 51.3 76.9#

88 7.8 37.4 56.2#

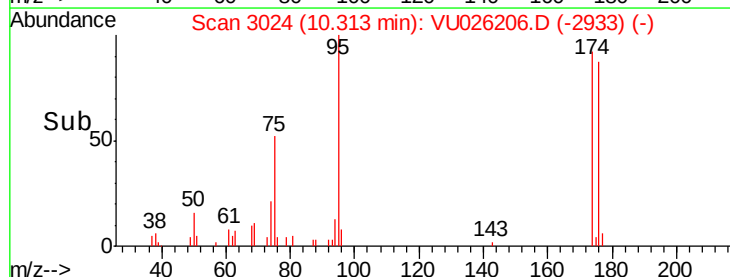
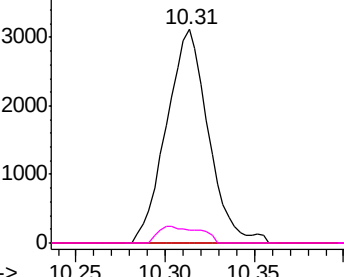


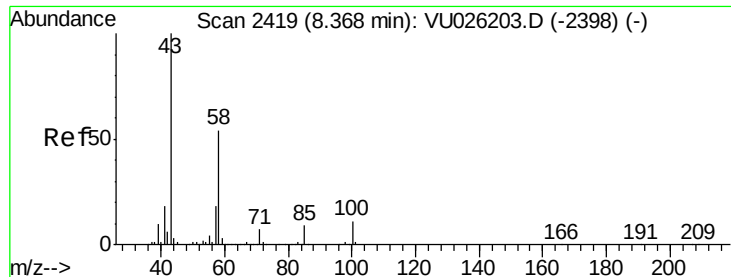
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0

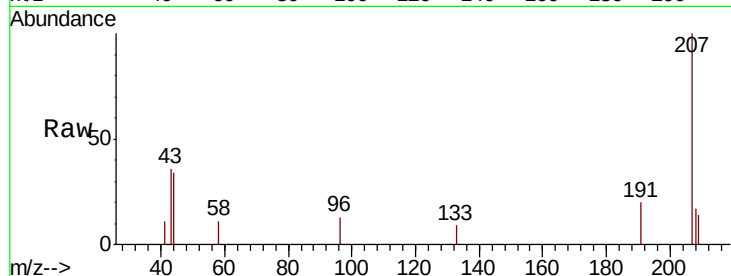




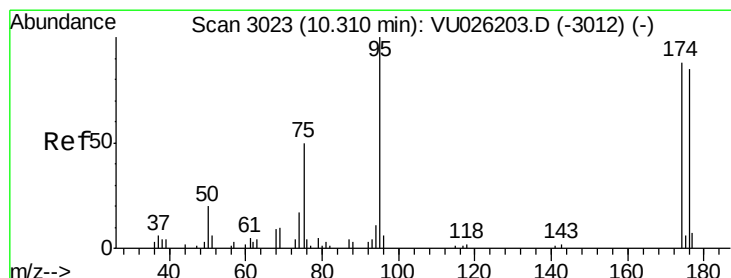
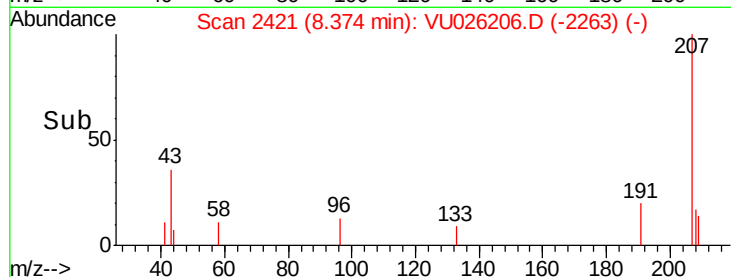
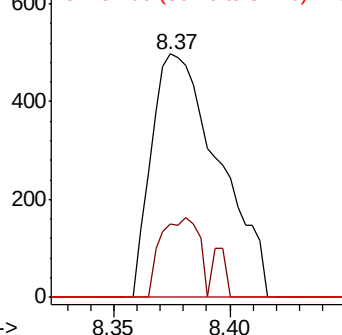
#54
2-Hexanone
Concen: 0.263 ug/l
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU026206.D
Acq: 20 Aug 2018 14:09

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
58 18.5 32.5 72.5#
57 0.0 0.0 37.9

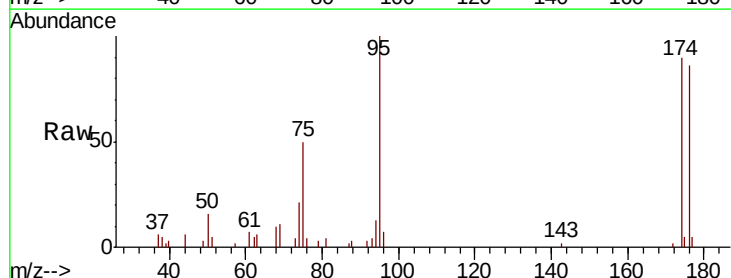


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

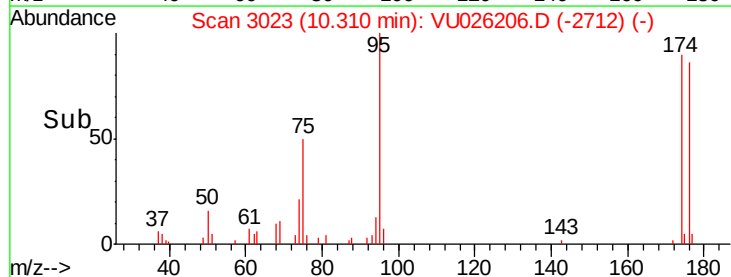
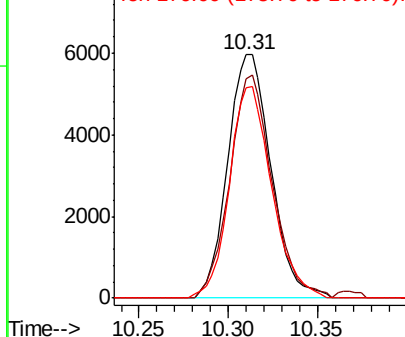


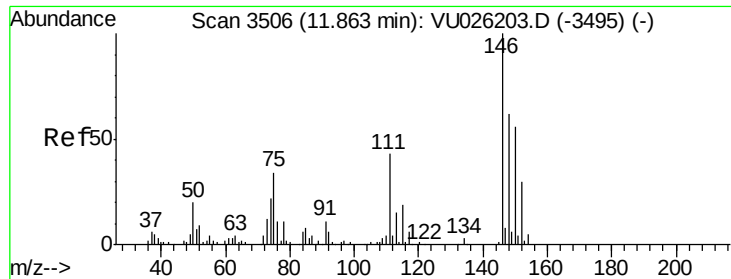
#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU026206.D
Acq: 20 Aug 2018 14:09

Tgt Ion: 95 Resp: 10047
Ion Ratio Lower Upper
95 100
174 90.0 65.6 98.4
176 85.0 62.0 93.0



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#68

1,2-Dichlorobenzene-d4

Concen: Below ug/l

RT: 11.86 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VU026206.D

Acq: 20 Aug 2018 14:09

Instrument :

MSVOA_U

ClientSampled :

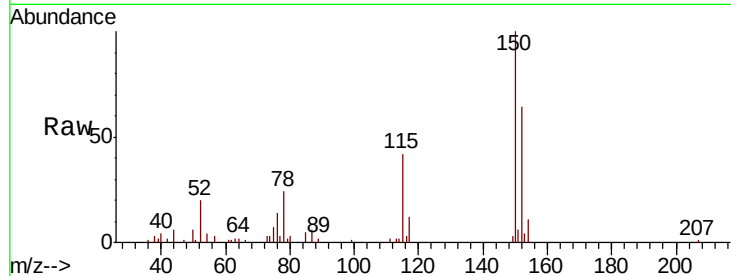
Tot Ion:152 Resp: 11444

Ion Ratio Lower Upper

152 100

115 64.0 0.0 118.8

150 159.1 0.0 0.0#

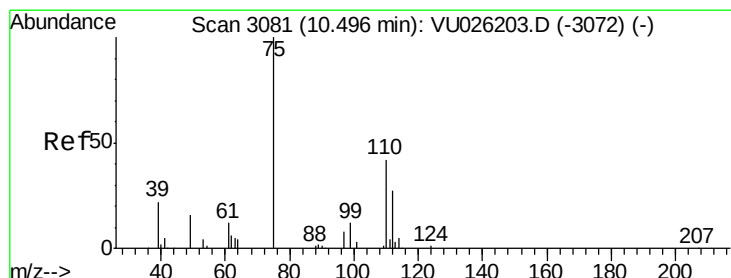
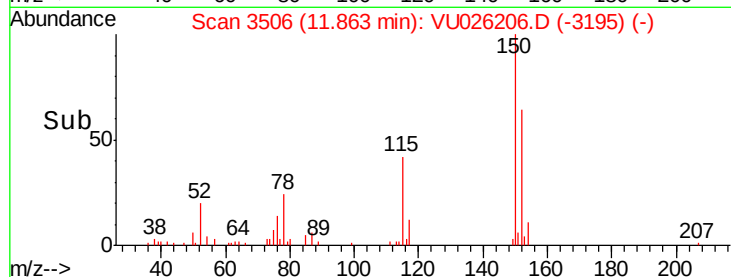
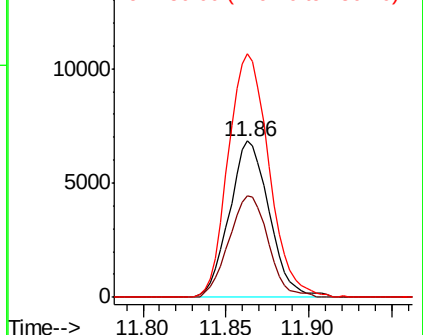


Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#71

1,2,3-Trichloropropane

Concen: 0.787 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.18 min

Lab File: VU026206.D

Acq: 20 Aug 2018 14:09

Tgt Ion: 75 Resp: 5081

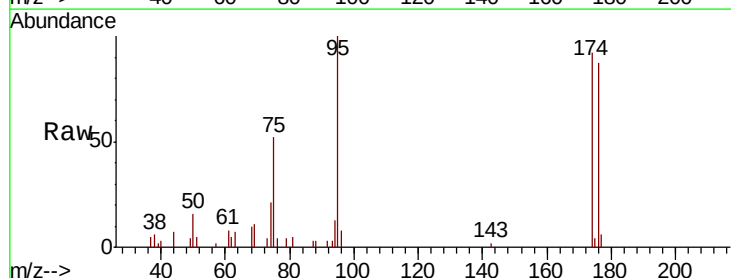
Ion Ratio Lower Upper

75 100

77 16.7 0.0 0.0#

110 0.0 0.0 74.0

97 0.0 0.0 39.6



Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0

