

Data File : VU026827.D
Acq On : 17 Sep 2018 17:49
Operator : MD/SY
Sample : VU0917WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK41

Quant Time: Sep 18 01:38:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	248825	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	238123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84041	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.32%
7) Chloroethane-d5	1.64	69	55779	35.40	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.26	63	121933	35.01	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.02%
21) 2-Butanone-d5	4.18	46	121777	99.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.70%
24) Chloroform-d	4.64	84	158956	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.31	65	103406	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.34	84	327238	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
36) 1,2-Dichloropropane-d6	6.33	67	105820	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.42%
41) Toluene-d8	7.57	98	280392	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%
43) trans-1,3-Dichloropropene-	7.85	79	44992	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.74%
47) 2-Hexanone-d5	8.31	63	97271	115.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	157860	52.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	118787	53.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.30%

Target Compounds

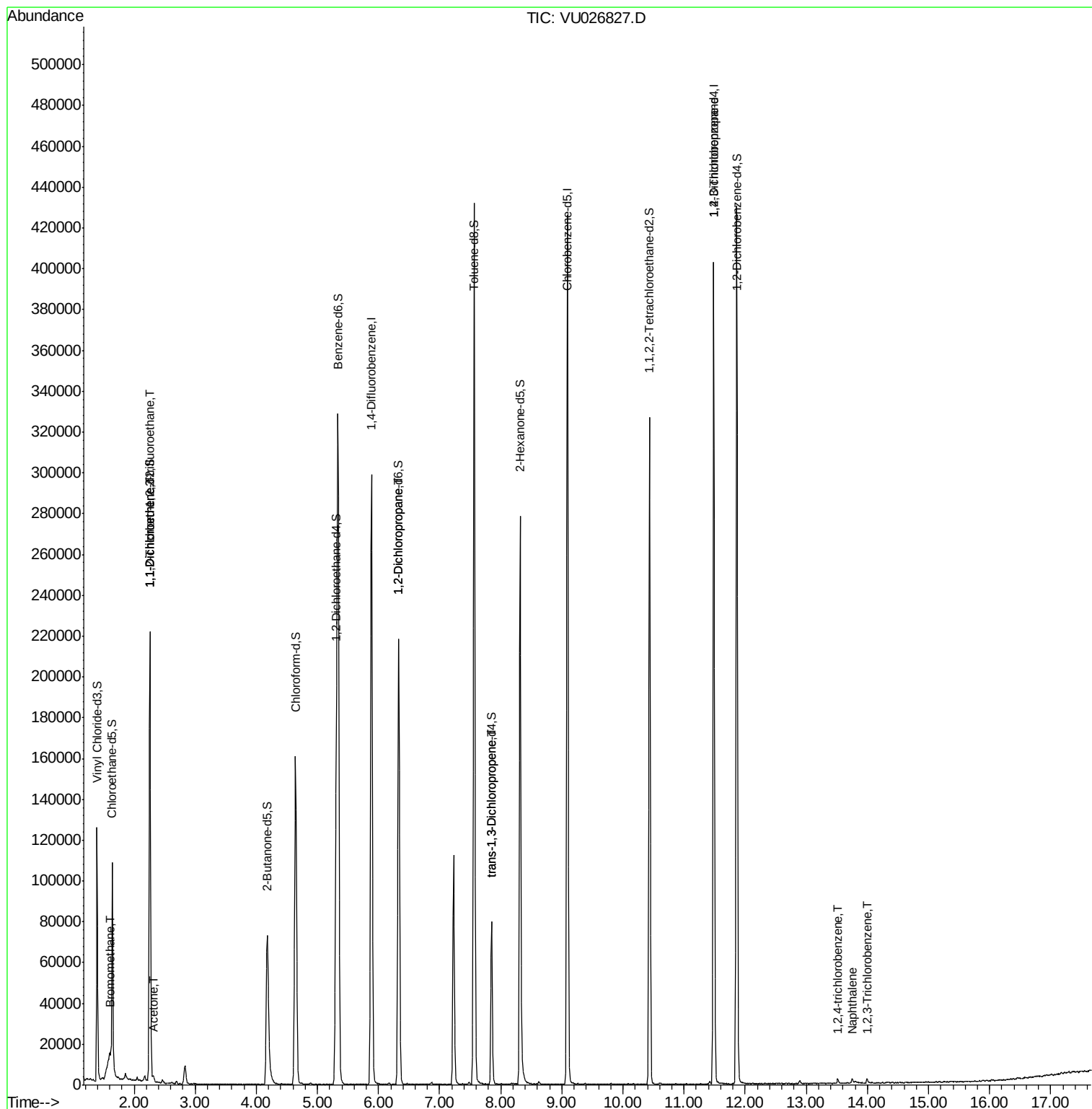
					Qvalue
6) Bromomethane	1.60	94	828	0.718 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1096	0.638 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	986	0.611 ug/L #	1
13) Acetone	2.33	43	951	0.792 ug/L	63
37) 1,2-Dichloropropane	6.33	63	11507	5.674 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	2103	0.784 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	12519	5.153 ug/L	99
68) 1,2,4-Trichlorobenzene	13.51	180	1017	0.470 ug/L #	80
69) Naphthalene	13.75	128	3457	0.542 ug/L #	87
70) 1,2,3-Trichlorobenzene	14.00	180	1210	0.508 ug/L #	78

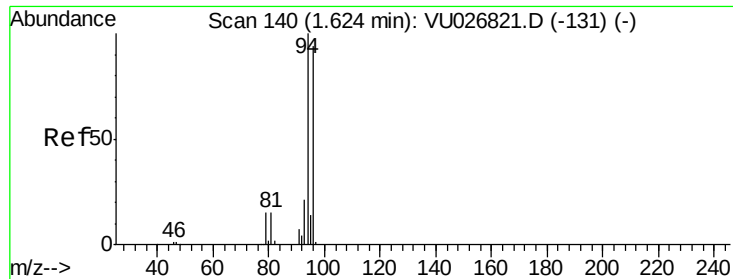
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.718 ug/L

RT: 1.60 min Scan# 133

Delta R.T. -0.02 min

Lab File: VU026827.D

Acq: 17 Sep 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

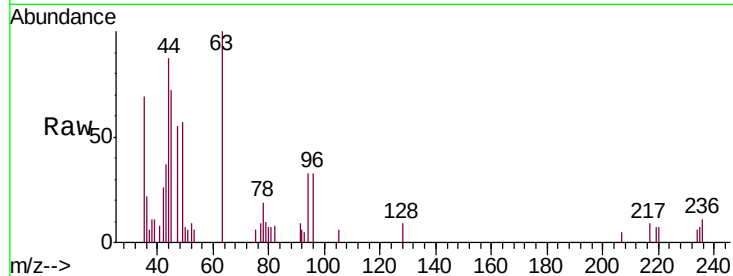
VBLK41

Tgt Ion: 94 Resp: 828

Ion Ratio Lower Upper

94 100

96 99.4 66.0 122.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0

1.60

600

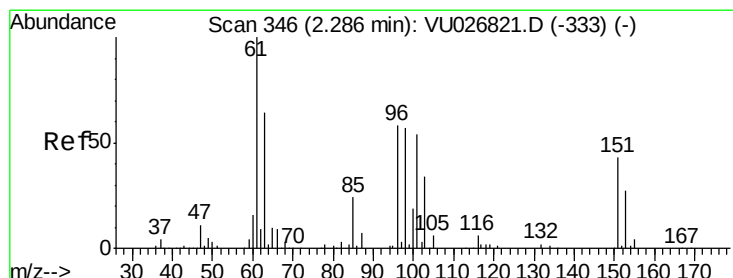
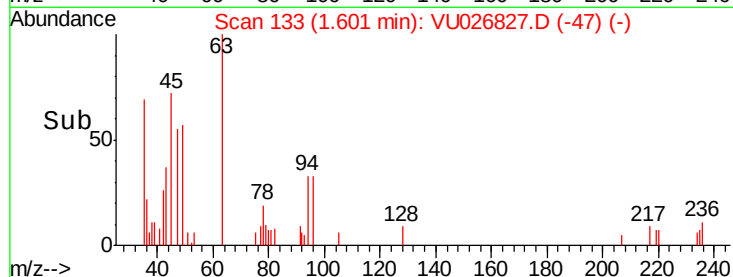
400

200

0

1.58 1.60 1.62 1.64

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.638 ug/L

RT: 2.26 min Scan# 337

Delta R.T. -0.03 min

Lab File: VU026827.D

Acq: 17 Sep 2018 17:49

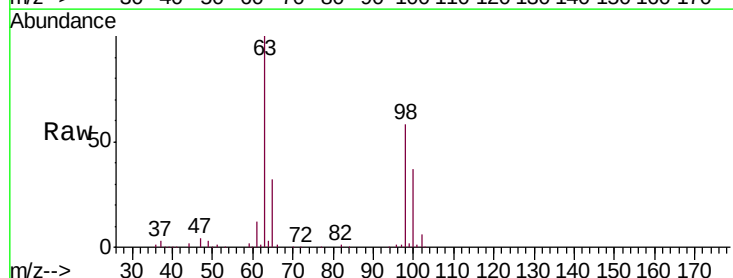
Tgt Ion: 101 Resp: 1096

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

1000

800

600

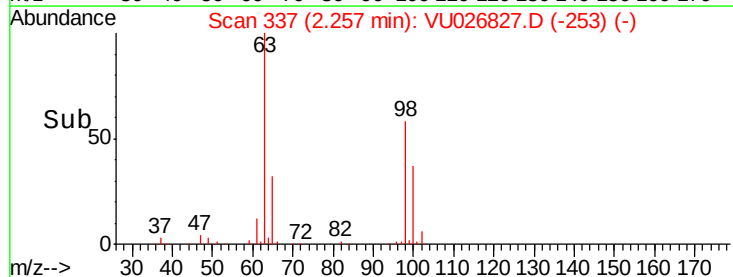
400

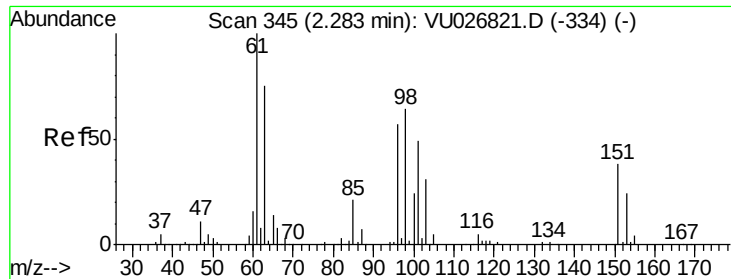
200

0

2.22 2.24 2.26 2.28

Time-->

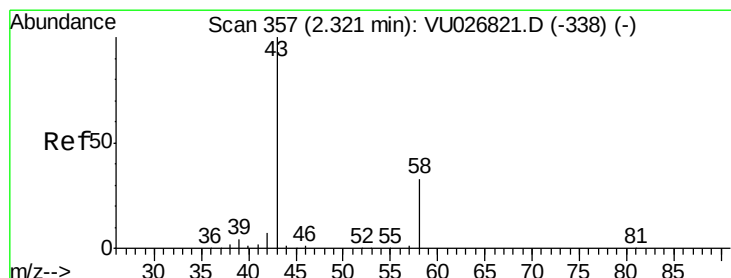
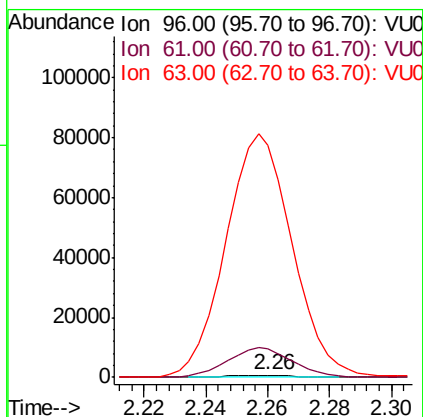
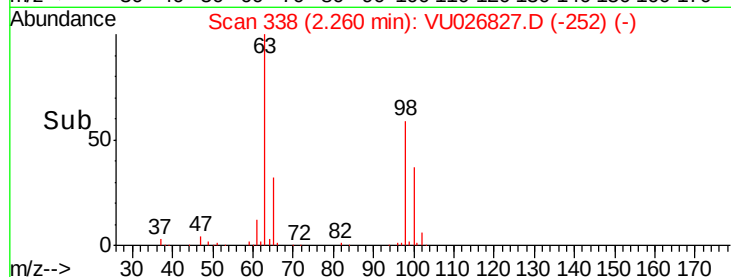
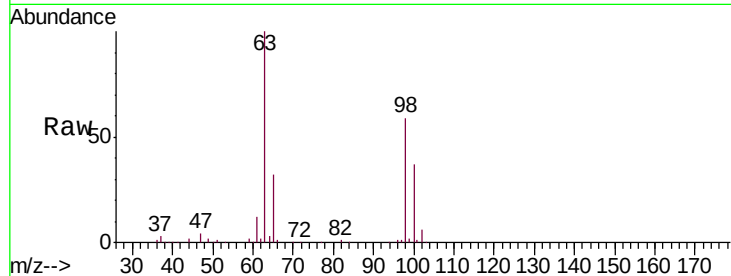




#12
 1,1-Dichloroethene
 Concen: 0.611 ug/L
 RT: 2.26 min Scan# 338
 Delta R.T. -0.02 min
 Lab File: VU026827.D
 Acq: 17 Sep 2018 17:49

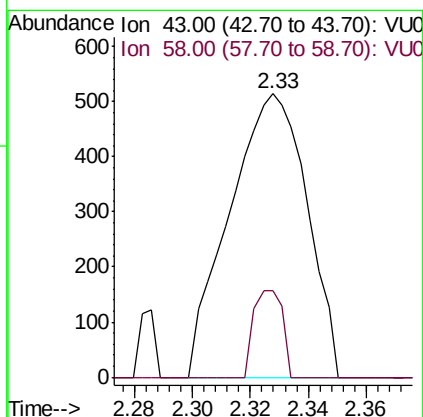
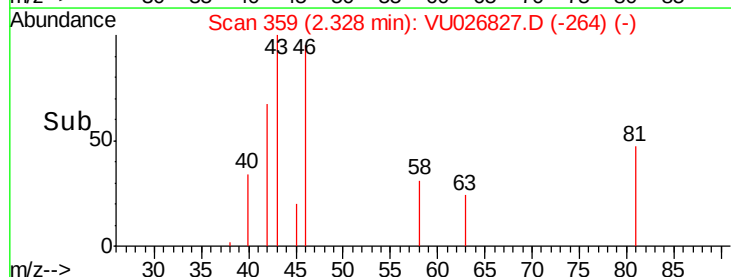
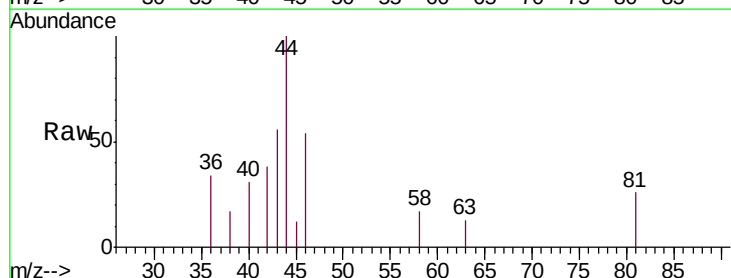
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK41

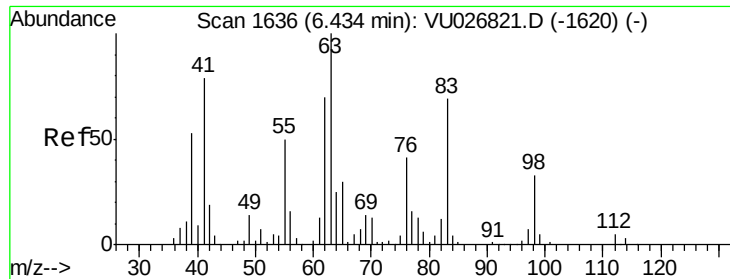
Tgt Ion: 96 Resp: 986
 Ion Ratio Lower Upper
 96 100
 61 1485.4 124.0 230.4#
 63 12254.4 97.7 181.5#



#13
 Acetone
 Concen: 0.792 ug/L
 RT: 2.33 min Scan# 359
 Delta R.T. 0.01 min
 Lab File: VU026827.D
 Acq: 17 Sep 2018 17:49

Tgt Ion: 43 Resp: 951
 Ion Ratio Lower Upper
 43 100
 58 11.6 0.0 64.6

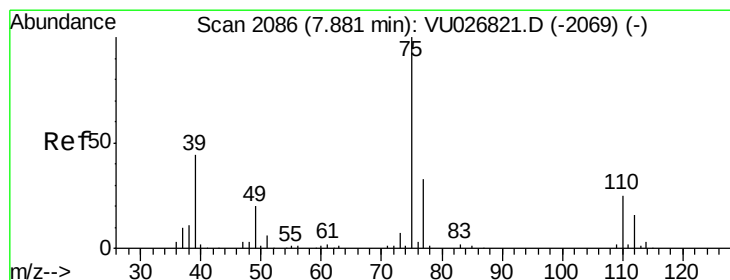
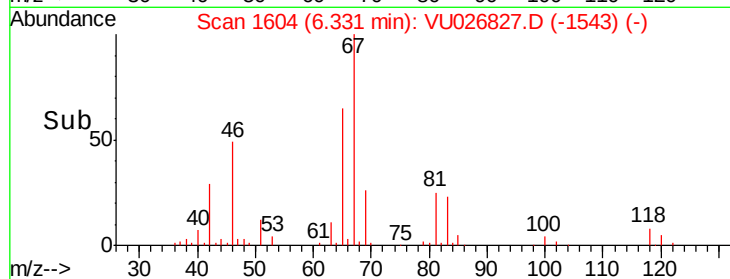
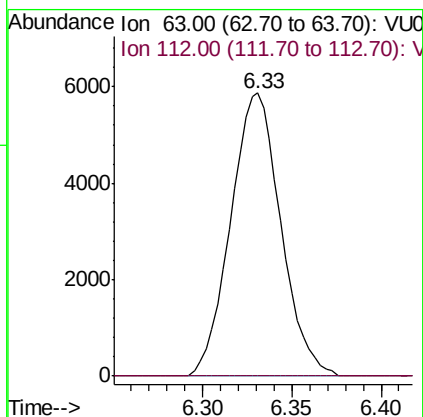
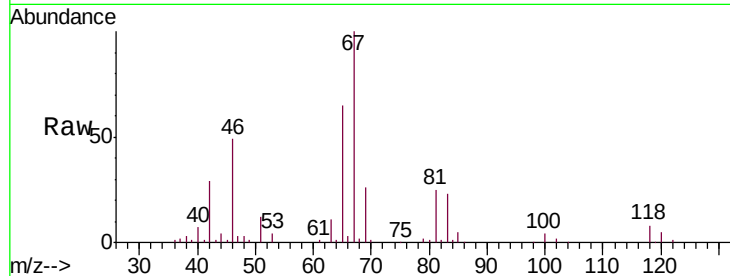




#37
 1,2-Dichloropropane
 Concen: 5.674 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026827.D
 Acq: 17 Sep 2018 17:49

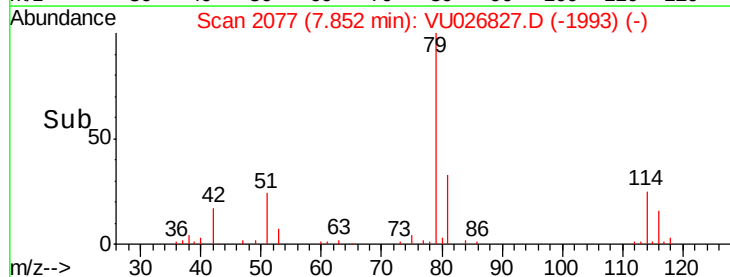
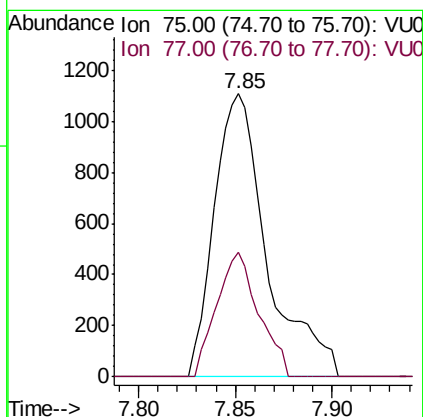
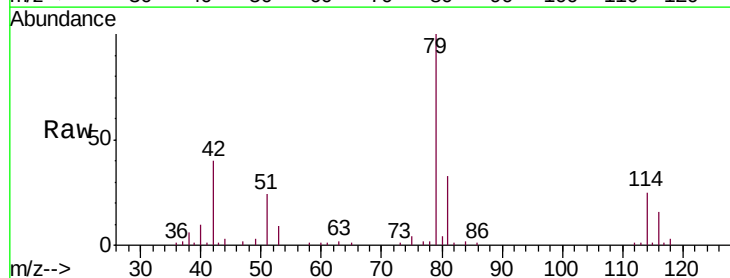
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

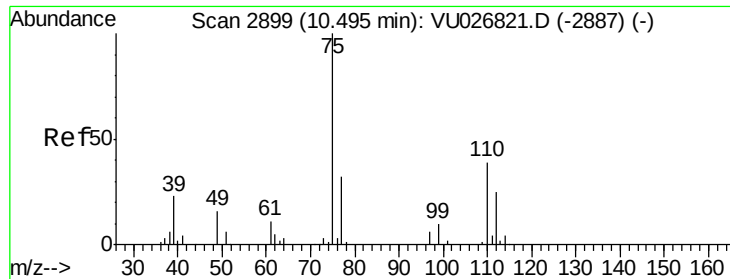
Tgt Ion: 63 Resp: 11507
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.784 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026827.D
 Acq: 17 Sep 2018 17:49

Tgt Ion: 75 Resp: 2103
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.8 42.4#

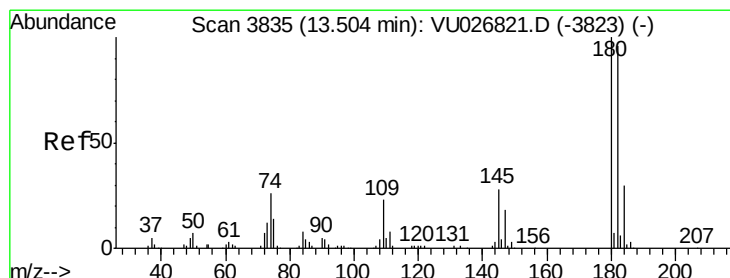
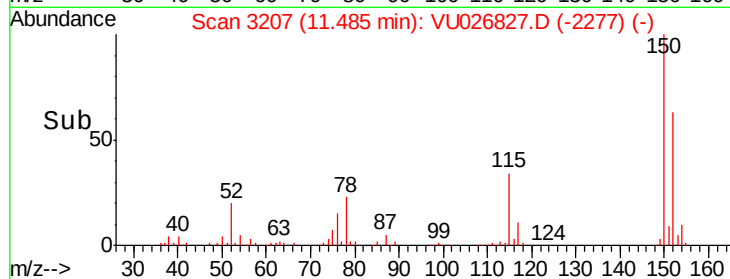
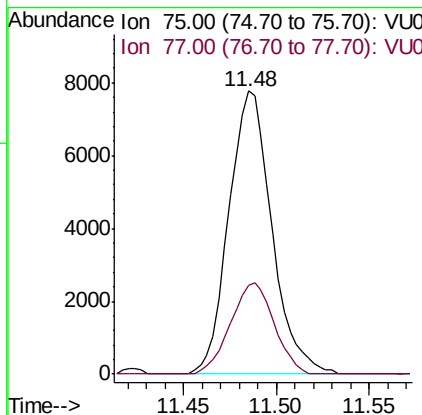
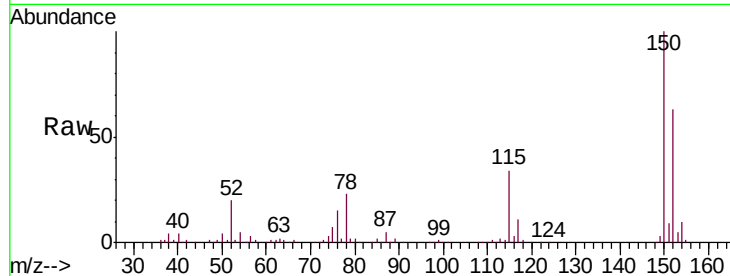




#59
 1,2,3-Trichloropropane
 Concen: 5.153 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026827.D
 Acq: 17 Sep 2018 17:49

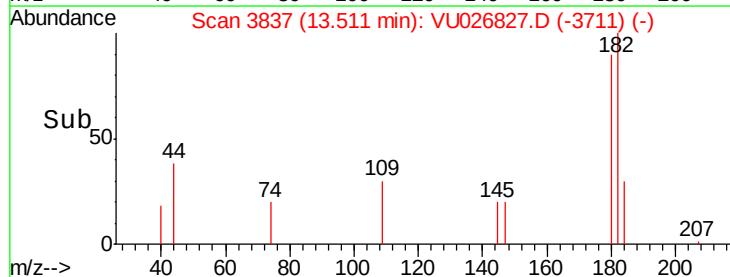
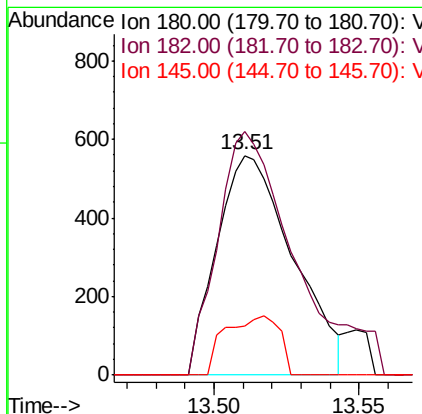
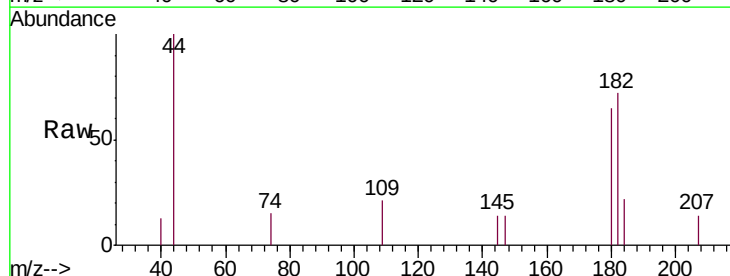
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK41

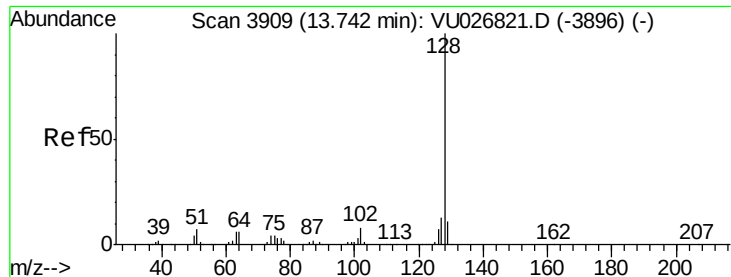
Tgt Ion: 75 Resp: 12519
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3



#68
 1,2,4-trichlorobenzene
 Concen: 0.470 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026827.D
 Acq: 17 Sep 2018 17:49

Tgt Ion: 180 Resp: 1017
 Ion Ratio Lower Upper
 180 100
 182 111.8 76.8 115.2
 145 10.2 22.2 33.2#





#69

Naphthalene

Concen: 0.542 ug/L

RT: 13.75 min Scan# 3913

Delta R.T. 0.01 min

Lab File: VU026827.D

Acq: 17 Sep 2018 17:49

Instrument :

MSVOA_U

ClientSampleId :

VBLK41

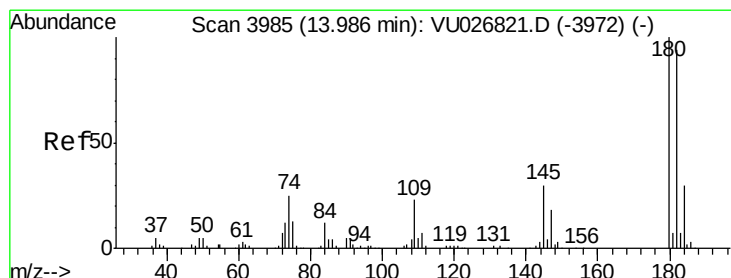
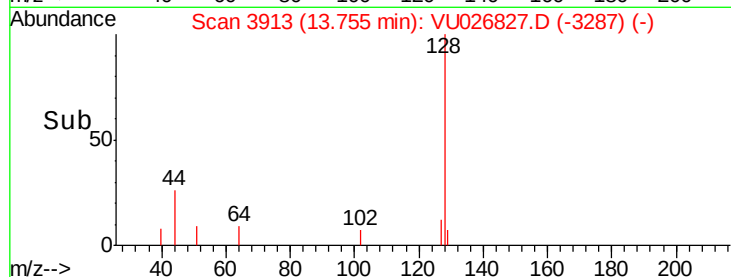
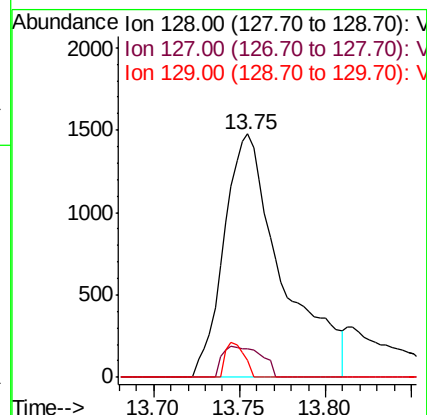
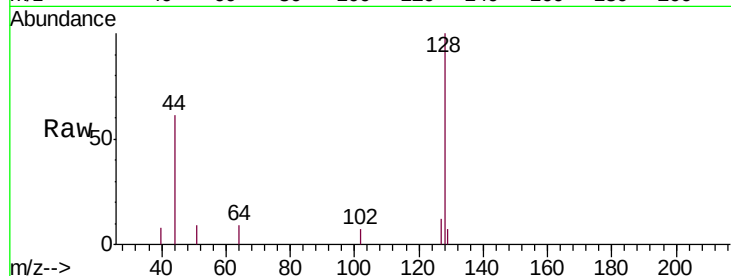
Tgt Ion:128 Resp: 3457

Ion Ratio Lower Upper

128 100

127 8.6 10.2 15.4#

129 4.7 8.6 12.8#



#70

1,2,3-Trichlorobenzene

Concen: 0.508 ug/L

RT: 14.00 min Scan# 3989

Delta R.T. 0.01 min

Lab File: VU026827.D

Acq: 17 Sep 2018 17:49

Tgt Ion:180 Resp: 1210

Ion Ratio Lower Upper

180 100

182 111.1 75.6 113.4

145 9.5 23.8 35.6#

