

Data File : VU026845.D
Acq On : 18 Sep 2018 08:26
Operator : MD/SY
Sample : VU0918WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK42

Quant Time: Sep 19 05:06:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	260524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	242384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97815	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88187	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.52%
7) Chloroethane-d5	1.67	69	77384	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.82%
11) 1,1-Dichloroethene-d2	2.27	63	126046	34.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.14%
21) 2-Butanone-d5	4.18	46	131520	102.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	4.65	84	167378	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	5.31	65	107671	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
32) Benzene-d6	5.34	84	343924	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
36) 1,2-Dichloropropane-d6	6.33	67	110505	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.98%
41) Toluene-d8	7.57	98	289456	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.85	79	46806	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
47) 2-Hexanone-d5	8.31	63	89297	103.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	145358	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	109660	53.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.78%

Target Compounds

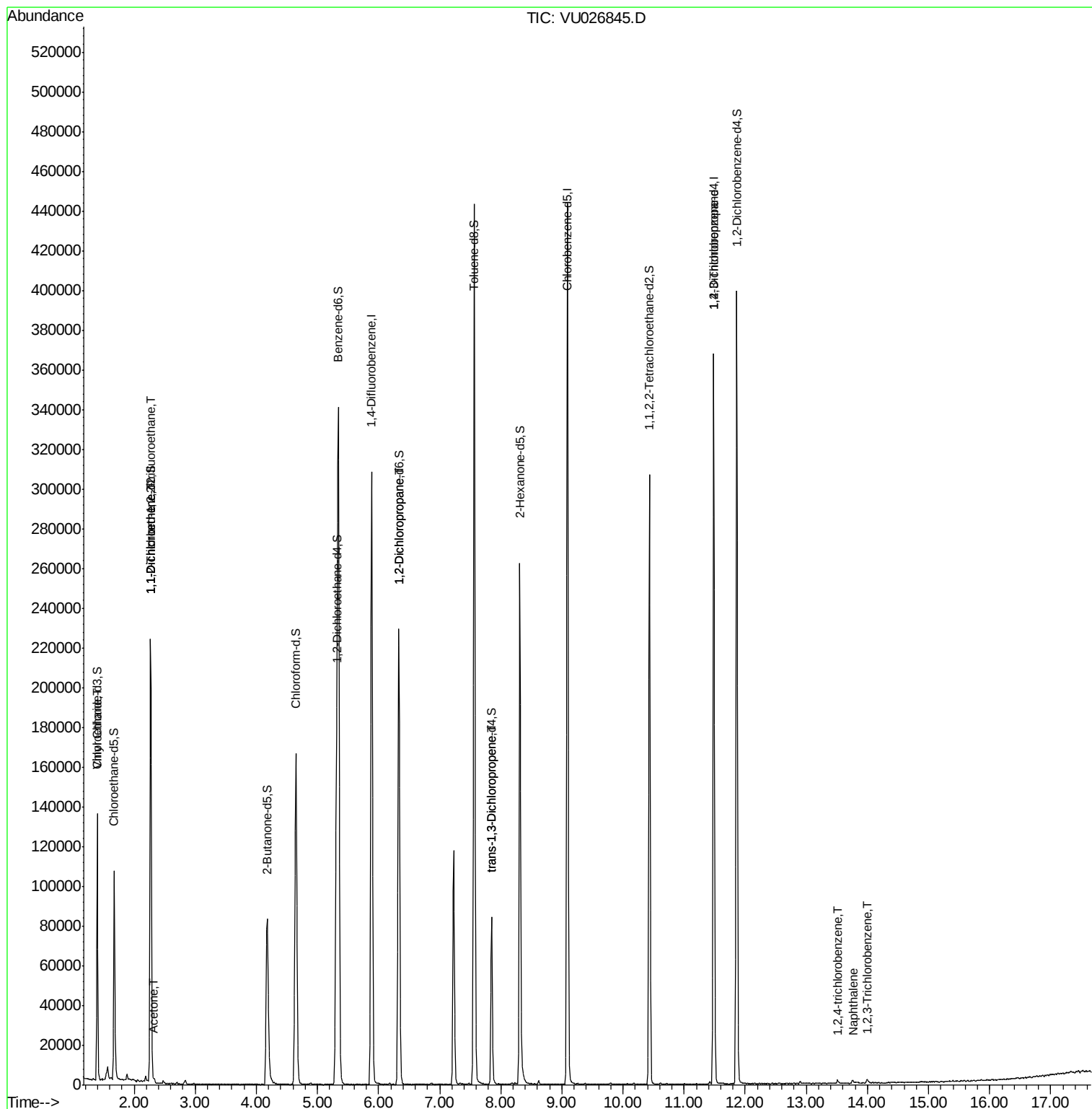
					Qvalue
8) Chloroethane	1.40	64	1177	0.768 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1140	0.634 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1085	0.642 ug/L #	1
13) Acetone	2.32	43	652	0.519 ug/L	53
37) 1,2-Dichloropropane	6.33	63	11580	5.610 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	2041	0.748 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	11384	4.604 ug/L	94
68) 1,2,4-trichlorobenzene	13.51	180	858	0.431 ug/L #	91
69) Naphthalene	13.75	128	2542	0.434 ug/L #	85
70) 1,2,3-Trichlorobenzene	14.00	180	1120	0.511 ug/L #	85

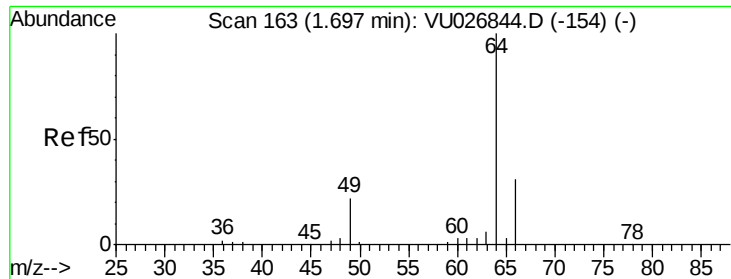
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.768 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.30 min

Lab File: VU026845.D

Acq: 18 Sep 2018 08:26

Instrument :

MSVOA_U

ClientSampleId :

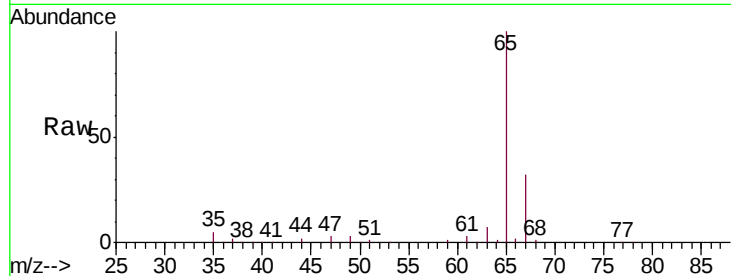
VBLK42

Tgt Ion: 64 Resp: 1177

Ion Ratio Lower Upper

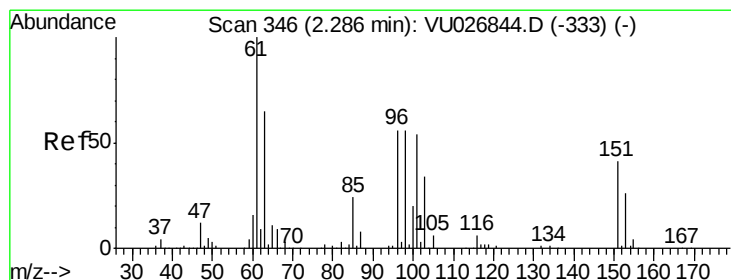
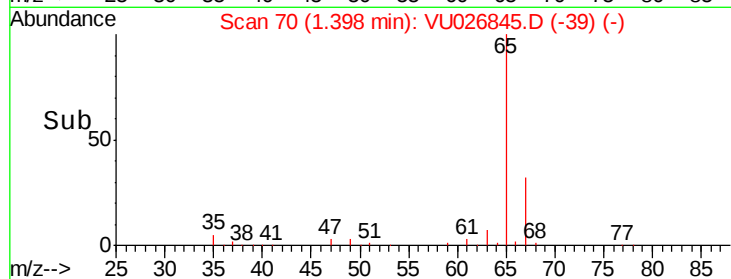
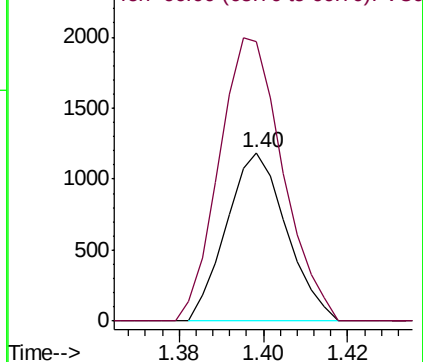
64 100

66 165.7 23.0 42.8#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



#10

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

Concen: 0.634 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026845.D

Acq: 18 Sep 2018 08:26

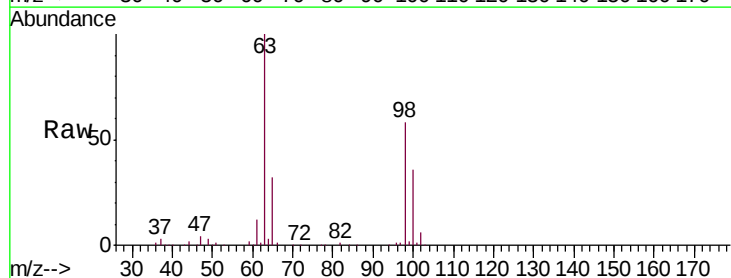
Tgt Ion: 101 Resp: 1140

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

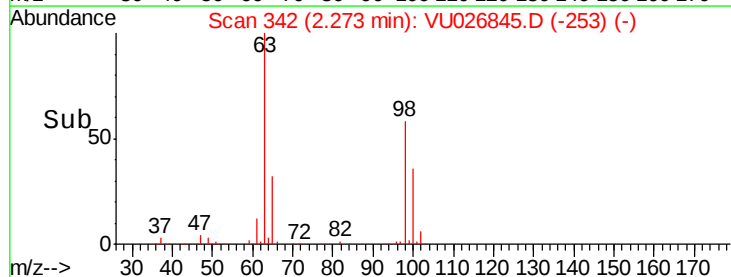
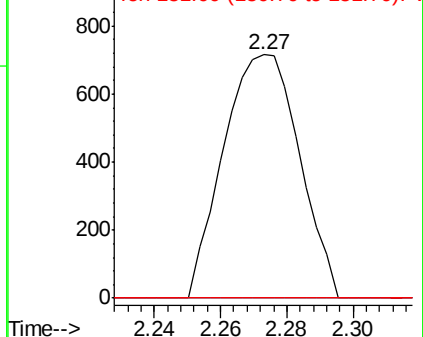
151 0.0 63.0 94.4#

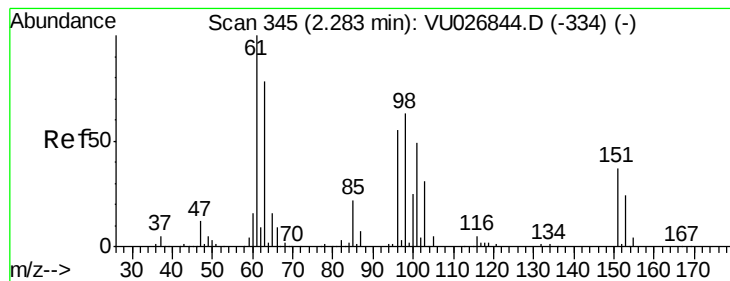


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.642 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026845.D

Acq: 18 Sep 2018 08:26

Instrument :

MSVOA_U

ClientSampleId :

VBLK42

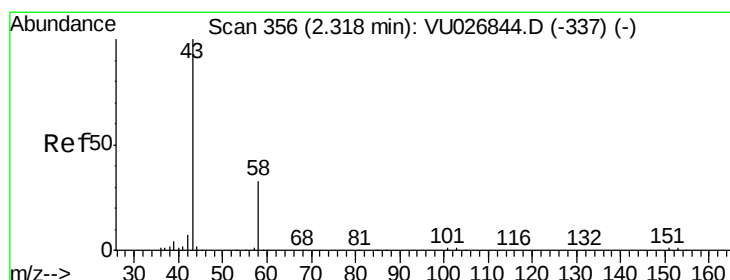
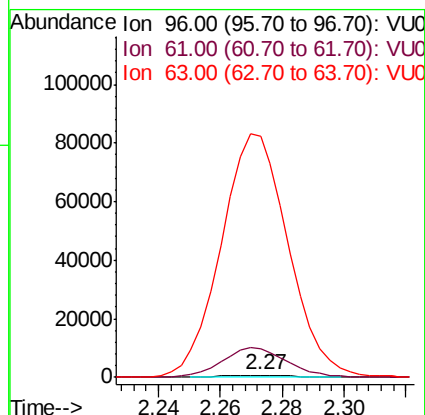
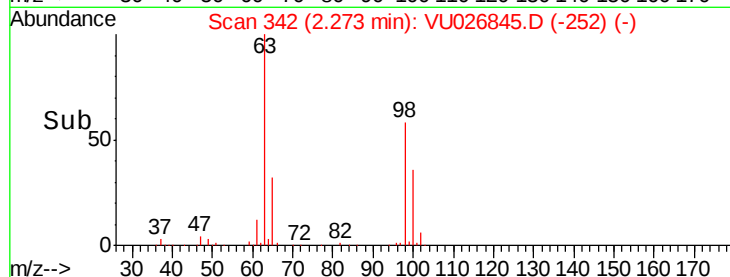
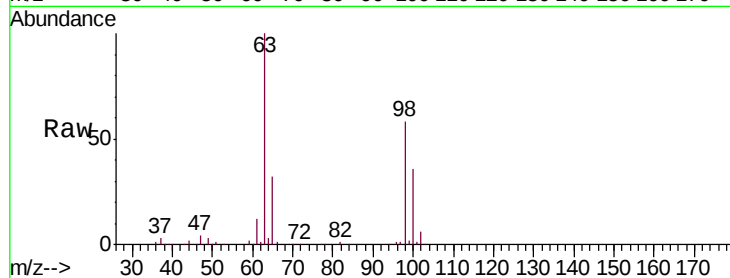
Tgt Ion: 96 Resp: 1085

Ion Ratio Lower Upper

96 100

61 1451.6 124.0 230.4#

63 12234.2 97.7 181.5#



#13

Acetone

Concen: 0.519 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.01 min

Lab File: VU026845.D

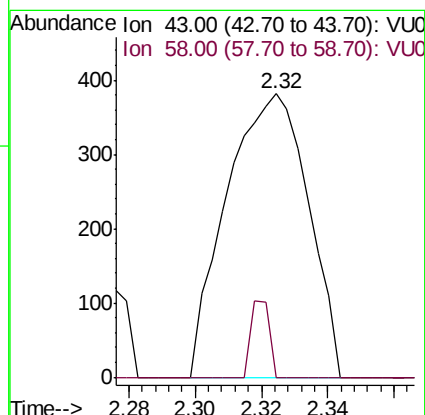
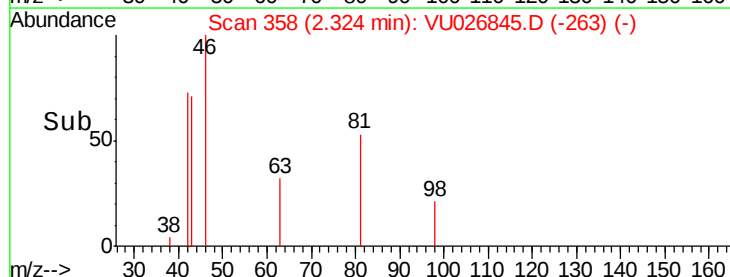
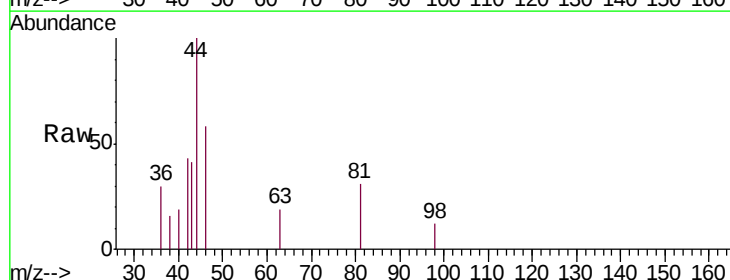
Acq: 18 Sep 2018 08:26

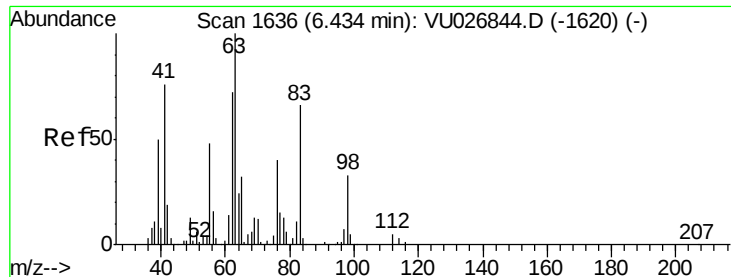
Tgt Ion: 43 Resp: 652

Ion Ratio Lower Upper

43 100

58 6.0 0.0 64.6





#37

1,2-Dichloropropane

Concen: 5.610 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026845.D

Acq: 18 Sep 2018 08:26

Instrument :

MSVOA_U

ClientSampled :

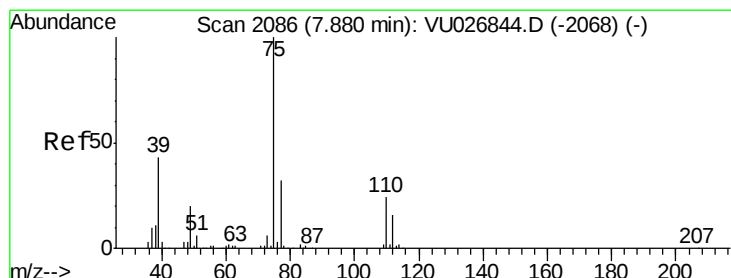
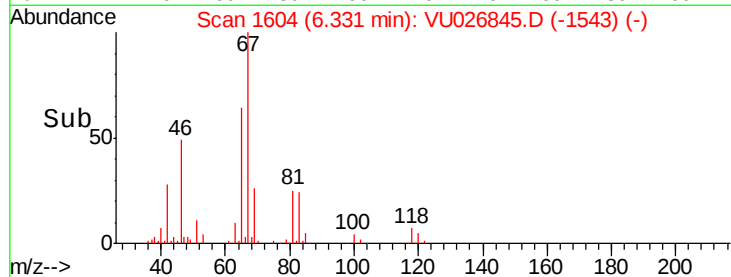
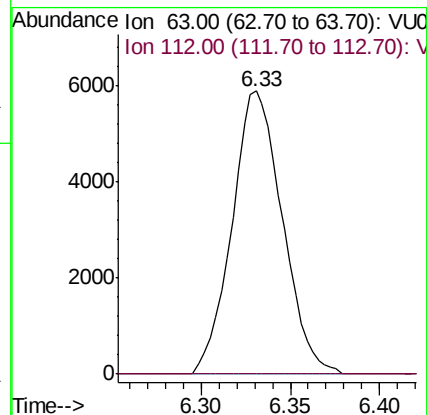
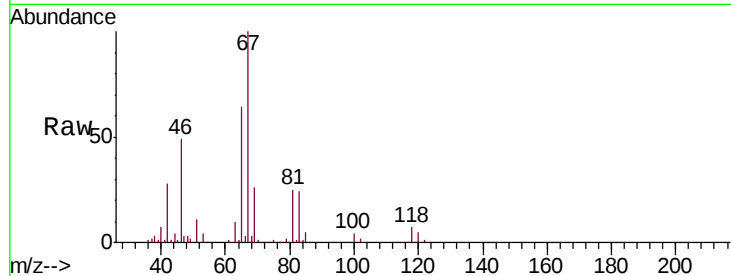
VBLK42

Tgt Ion: 63 Resp: 11580

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#44

trans-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026845.D

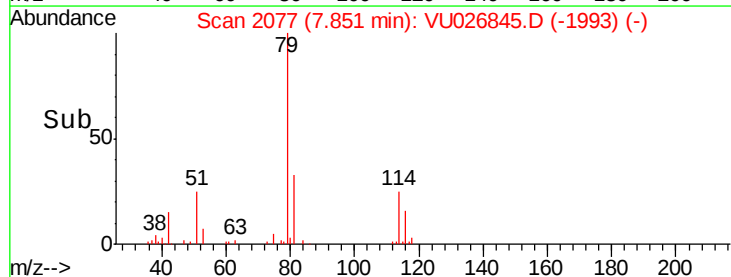
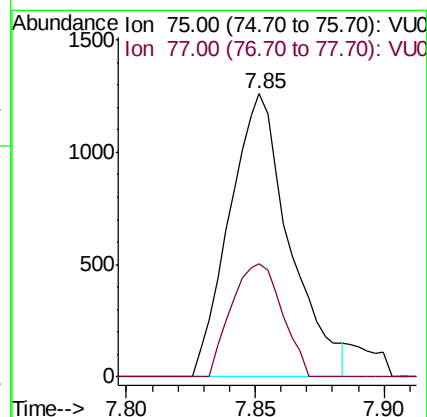
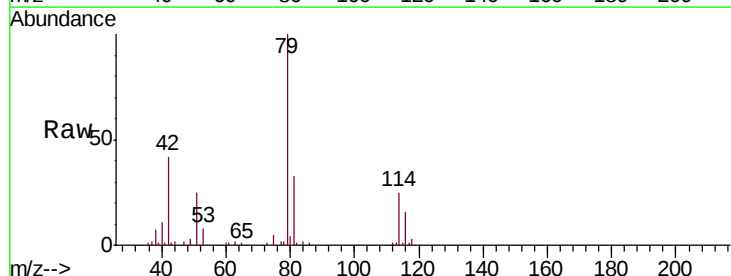
Acq: 18 Sep 2018 08:26

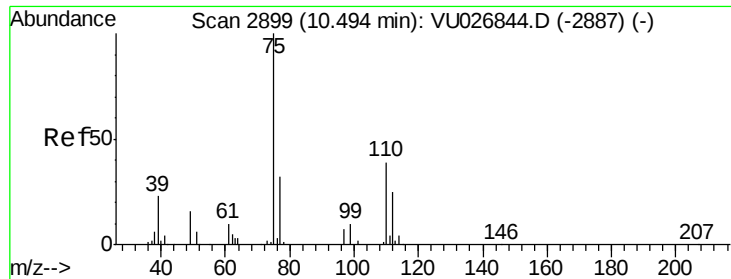
Tgt Ion: 75 Resp: 2041

Ion Ratio Lower Upper

75 100

77 39.9 22.8 42.4





#59

1,2,3-Trichloropropane

Concen: 4.604 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026845.D

Acq: 18 Sep 2018 08:26

Instrument :

MSVOA_U

ClientSampleId :

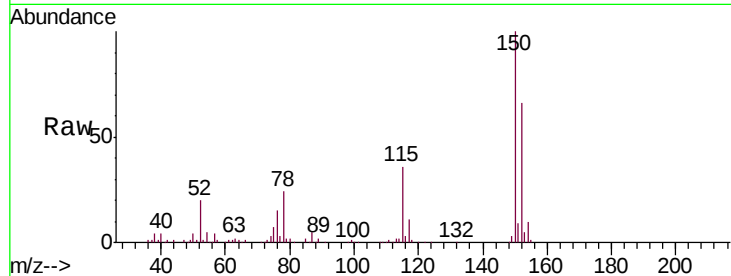
VBLK42

Tgt Ion: 75 Resp: 11384

Ion Ratio Lower Upper

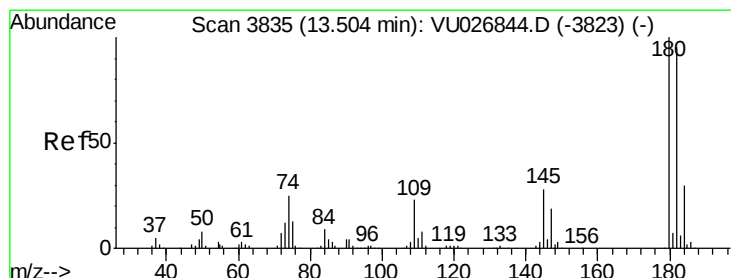
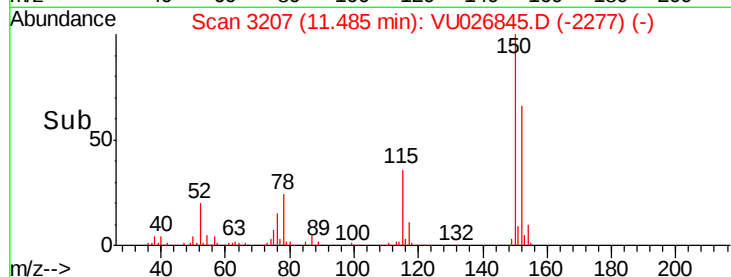
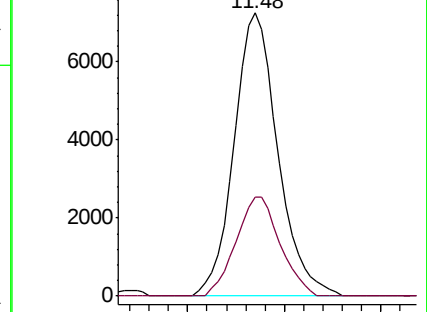
75 100

77 35.3 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU026844.D (-2887) (-)

Ion 77.00 (76.70 to 77.70): VU026844.D (-2887) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.431 ug/L

RT: 13.51 min Scan# 3838

Delta R.T. 0.01 min

Lab File: VU026845.D

Acq: 18 Sep 2018 08:26

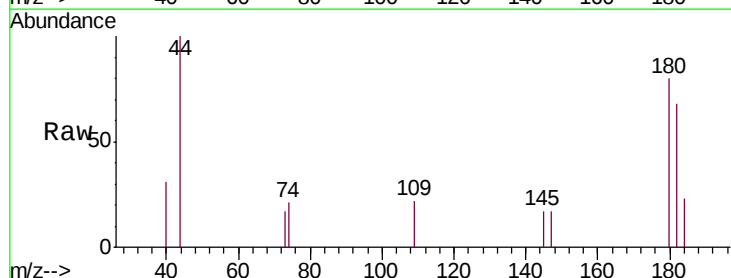
Tgt Ion: 180 Resp: 858

Ion Ratio Lower Upper

180 100

182 94.6 76.8 115.2

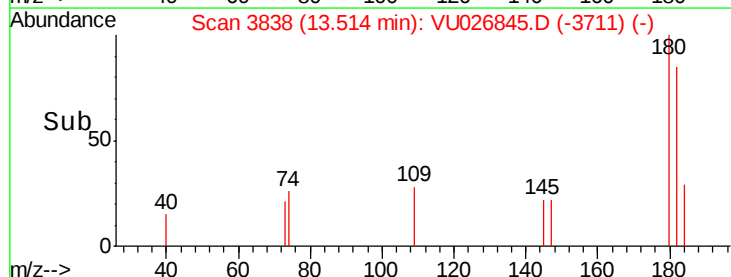
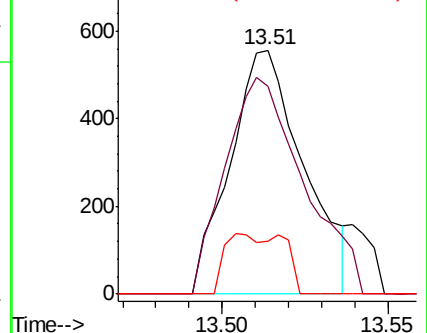
145 8.5 22.2 33.2#

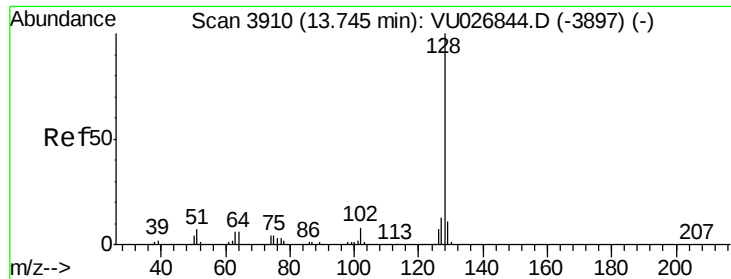


Abundance Ion 180.00 (179.70 to 180.70): VU026844.D (-3823) (-)

Ion 182.00 (181.70 to 182.70): VU026844.D (-3823) (-)

Ion 145.00 (144.70 to 145.70): VU026844.D (-3823) (-)





#69

Naphthalene

Concen: 0.434 ug/L

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU026845.D

Acq: 18 Sep 2018 08:26

Instrument :

MSVOA_U

ClientSampled :

VBLK42

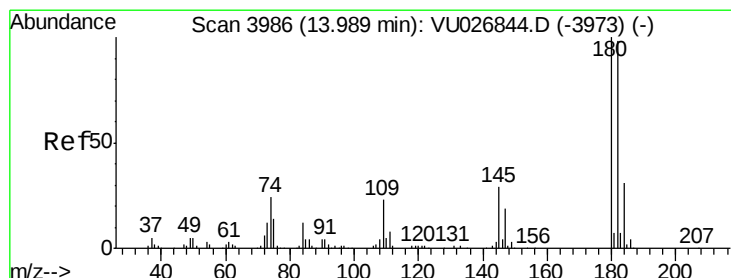
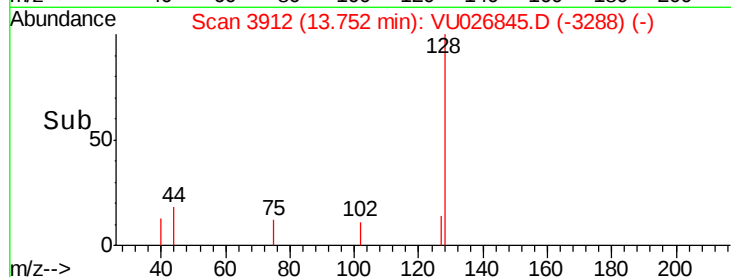
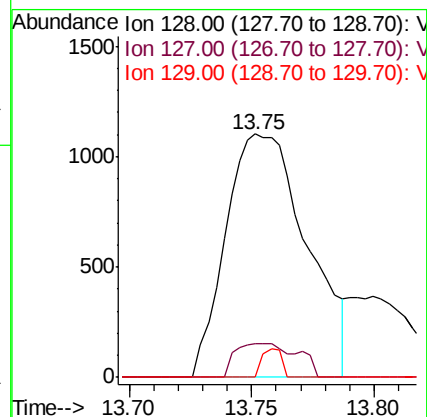
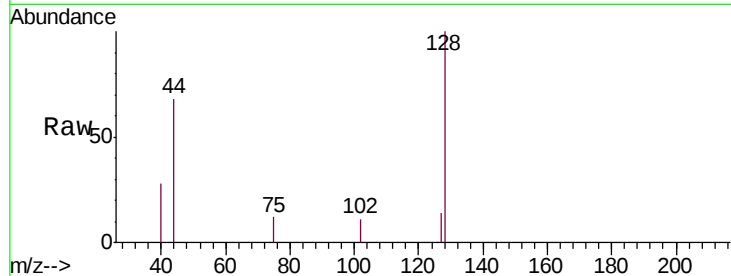
Tgt Ion:128 Resp: 2542

Ion Ratio Lower Upper

128 100

127 9.0 10.2 15.4#

129 2.8 8.6 12.8#



#70

1,2,3-Trichlorobenzene

Concen: 0.511 ug/L

RT: 14.00 min Scan# 3988

Delta R.T. 0.01 min

Lab File: VU026845.D

Acq: 18 Sep 2018 08:26

Tgt Ion:180 Resp: 1120

Ion Ratio Lower Upper

180 100

182 84.8 75.6 113.4

145 13.9 23.8 35.6#

