

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026698.D
 Acq On : 12 Sep 2018 13:28
 Operator : MD/SY
 Sample : VN0913MBL01
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK53

Quant Time: Sep 13 03:40:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	251222	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65876	35.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.38%
7) Chloroethane-d5	1.68	69	58152	38.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.10%
11) 1,1-Dichloroethene-d2	2.27	63	92892	27.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.46%#
21) 2-Butanone-d5	4.18	46	113089	97.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.07%
24) Chloroform-d	4.65	84	125879	40.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.88%
26) 1,2-Dichloroethane-d4	5.31	65	84635	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
32) Benzene-d6	5.34	84	256228	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
36) 1,2-Dichloropropane-d6	6.33	67	89813	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.30%
41) Toluene-d8	7.57	98	232058	42.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.38%
43) trans-1,3-Dichloropropene-	7.85	79	39267	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.86%
47) 2-Hexanone-d5	8.31	63	82373	102.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120137	44.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	87922	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%

Target Compounds

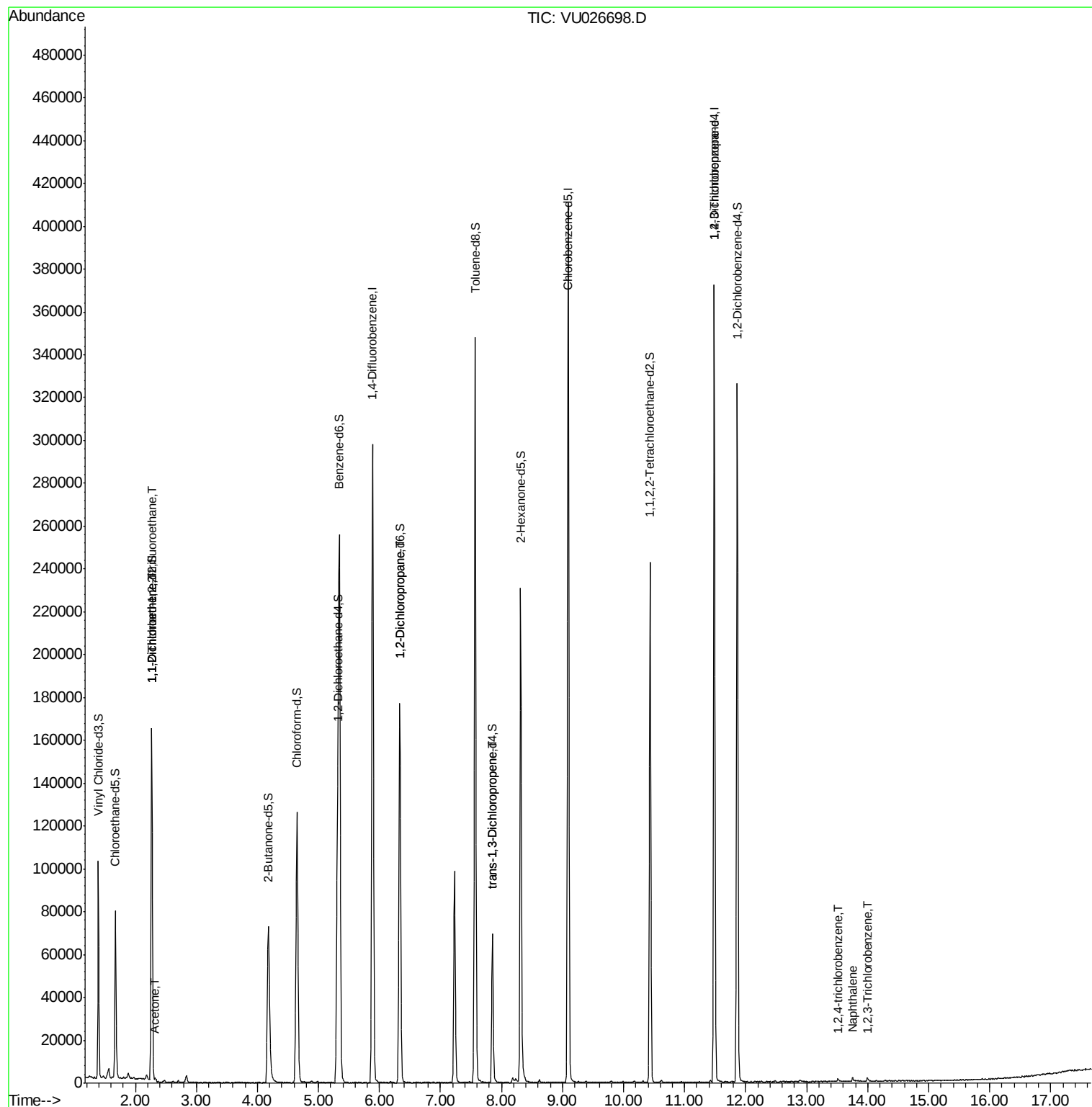
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	964	0.625 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	830	0.560 ug/L #	1
13) Acetone	2.32	43	765	0.577 ug/L	95
37) 1,2-Dichloropropane	6.33	63	9093	5.131 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1723	0.706 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	11204	5.344 ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	772	0.402 ug/L #	89
69) Naphthalene	13.75	128	2836	0.481 ug/L #	79
70) 1,2,3-Trichlorobenzene	14.00	180	1000	0.480 ug/L #	88

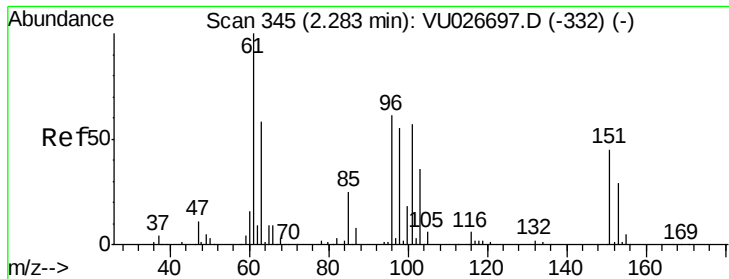
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 13 03:38:50 2018
Response via : Initial Calibration





#10

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

Concen: 0.625 ug/L

RT: 2.26 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU026698.D

Acq: 12 Sep 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

VBLK53

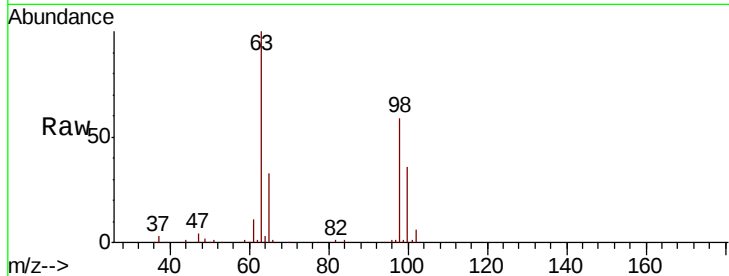
Tgt Ion: 101 Resp: 964

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

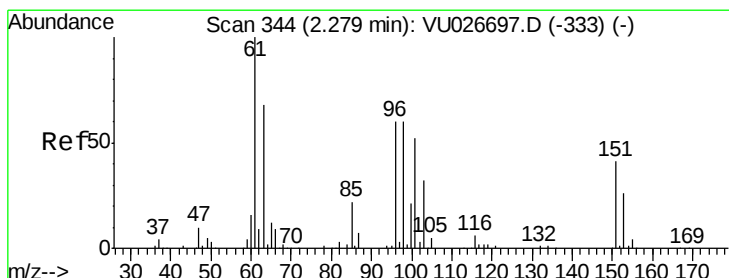
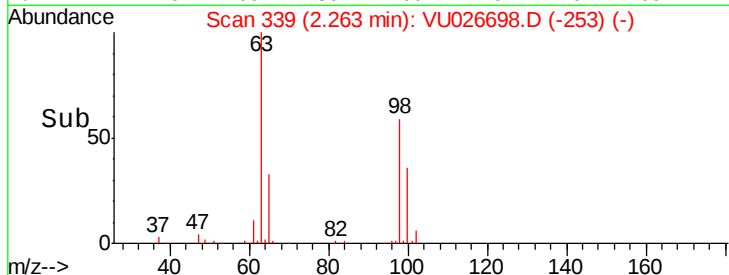
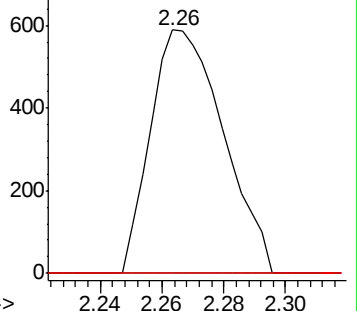
151 0.0 62.6 94.0#



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: 0.560 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026698.D

Acq: 12 Sep 2018 13:28

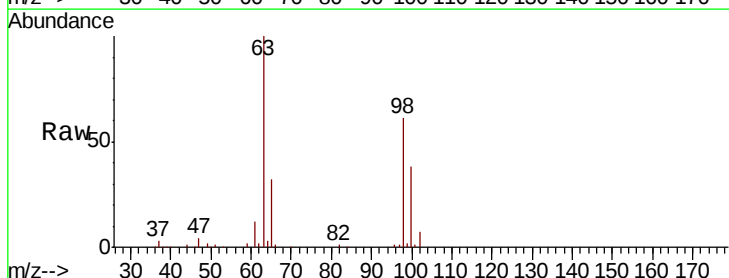
Tgt Ion: 96 Resp: 830

Ion Ratio Lower Upper

96 100

61 1316.1 121.0 224.8#

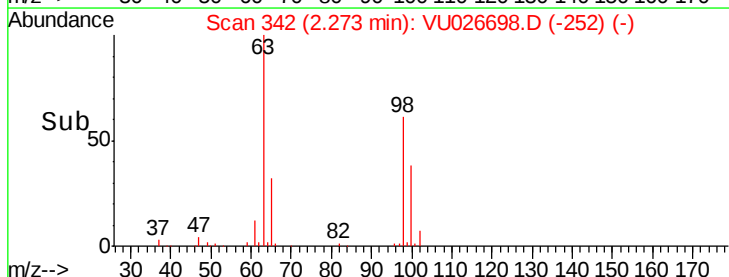
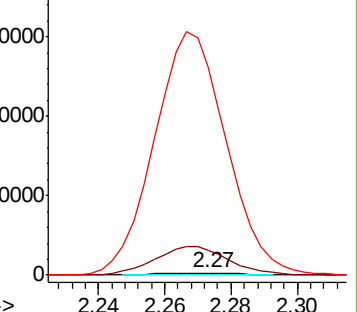
63 10829.0 89.9 166.9#

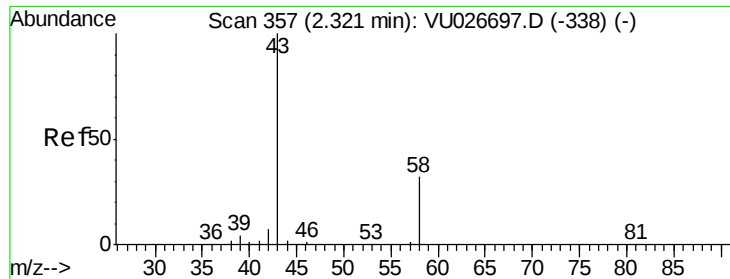


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.577 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026698.D

Acq: 12 Sep 2018 13:28

Instrument :

MSVOA_U

ClientSampleId :

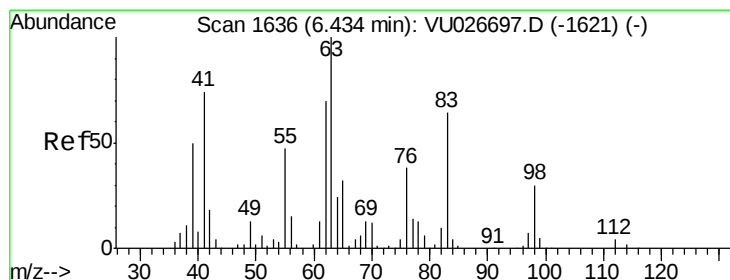
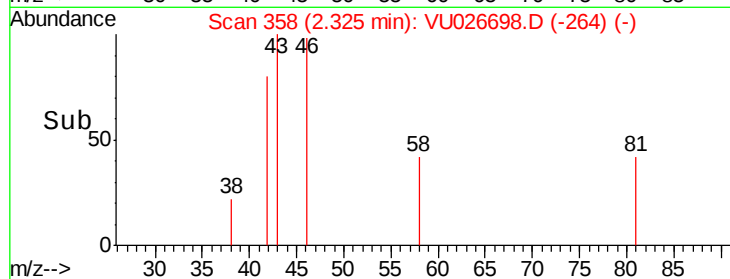
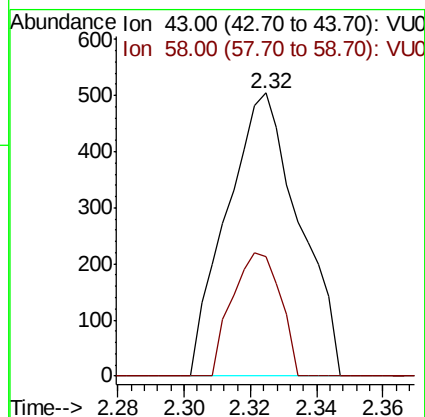
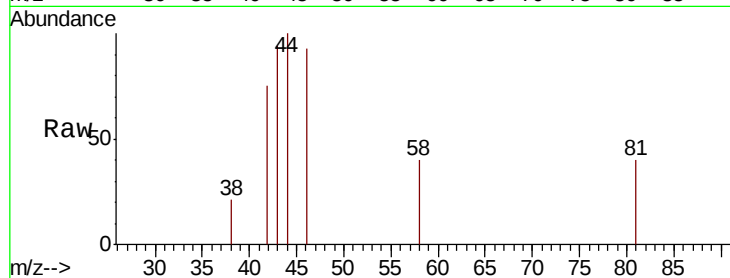
VBLK53

Tgt Ion: 43 Resp: 765

Ion Ratio Lower Upper

43 100

58 28.8 0.0 62.8



#37

1,2-Dichloropropane

Concen: 5.131 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026698.D

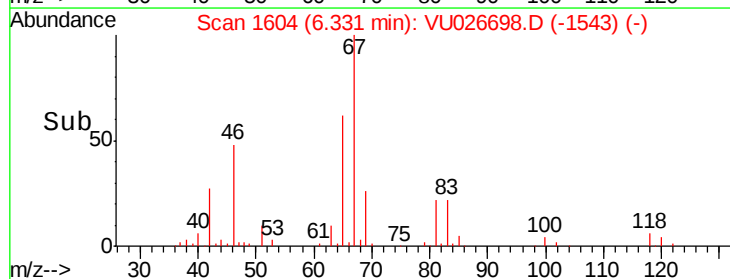
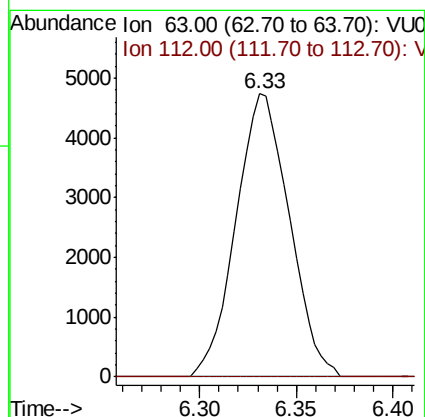
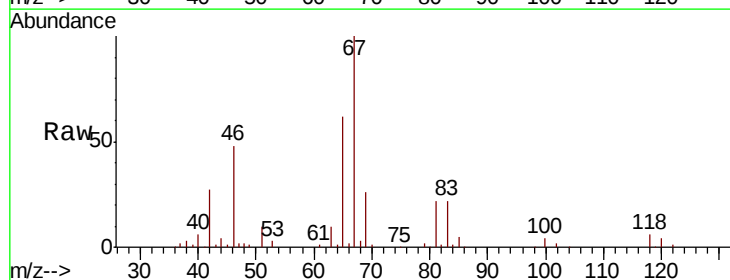
Acq: 12 Sep 2018 13:28

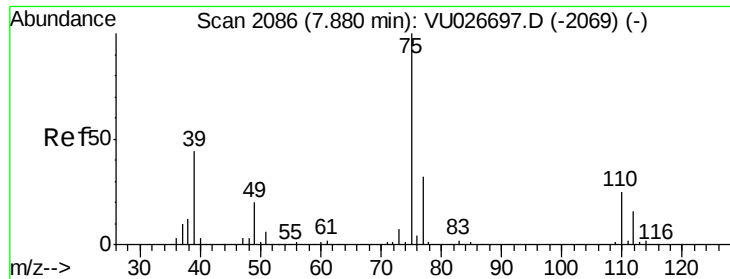
Tgt Ion: 63 Resp: 9093

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#44

trans-1,3-Dichloropropene

Concen: 0.706 ug/L

RT: 7.85 min Scan# 2078

Delta R.T. -0.03 min

Lab File: VU026698.D

Acq: 12 Sep 2018 13:28

Instrument :

MSVOA_U

ClientSampled :

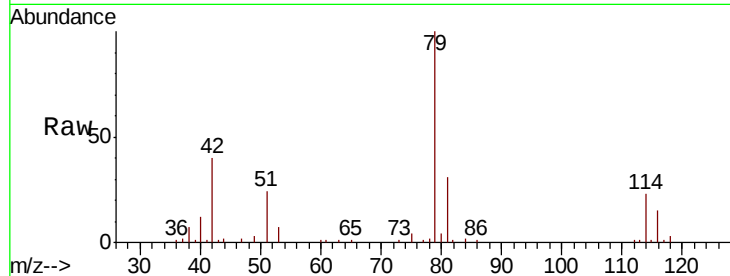
VBLK53

Tgt Ion: 75 Resp: 1723

Ion Ratio Lower Upper

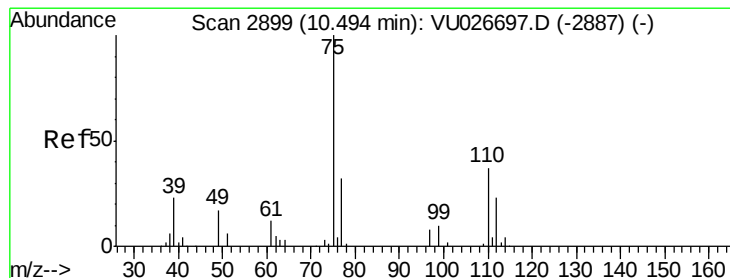
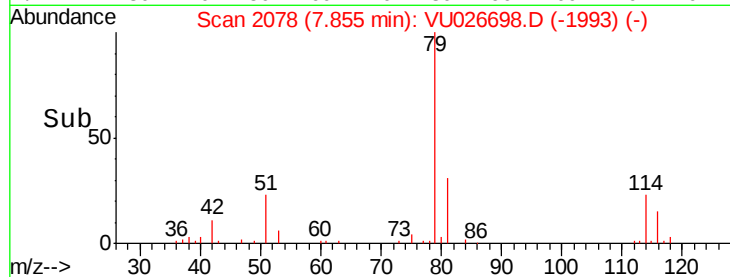
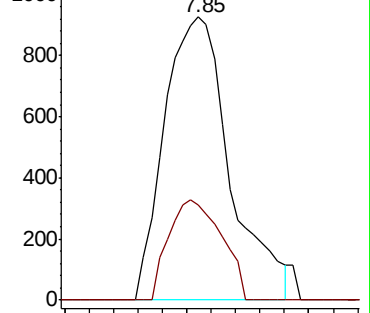
75 100

77 33.5 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.344 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026698.D

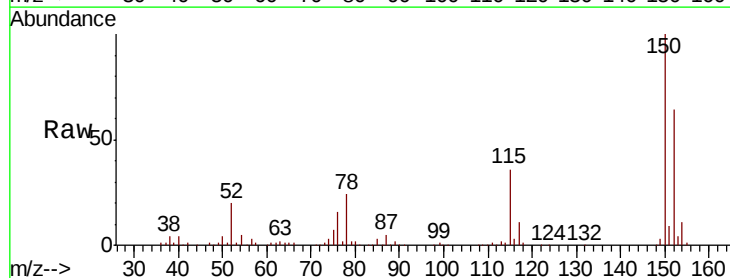
Acq: 12 Sep 2018 13:28

Tgt Ion: 75 Resp: 11204

Ion Ratio Lower Upper

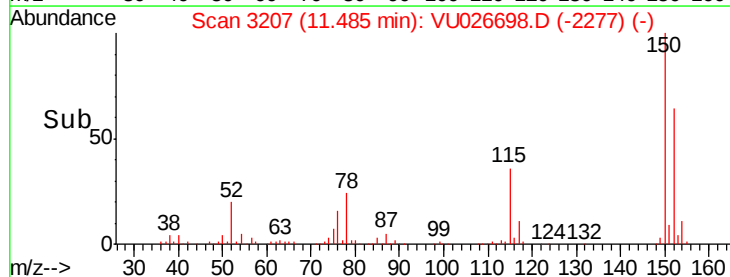
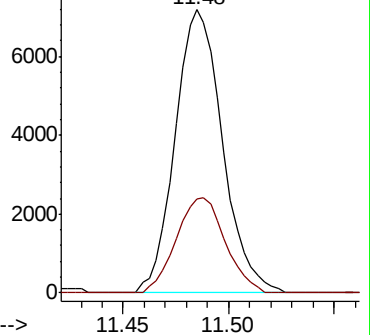
75 100

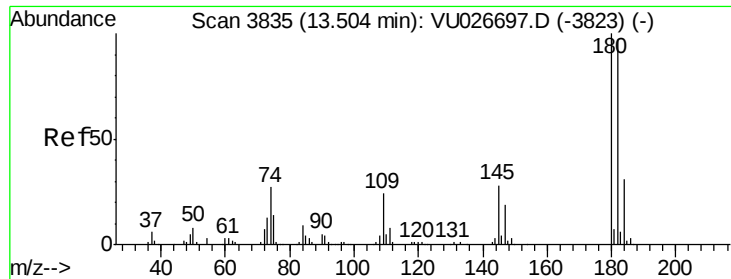
77 34.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

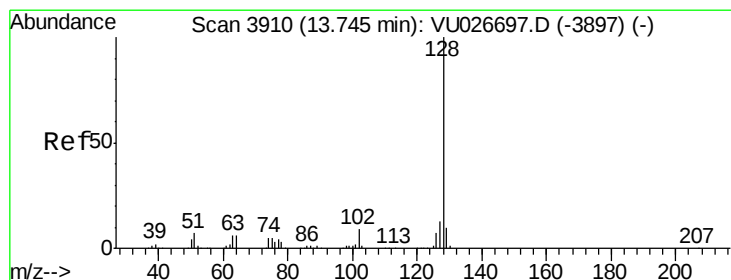
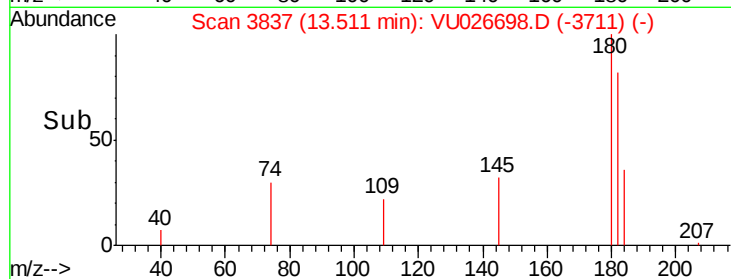
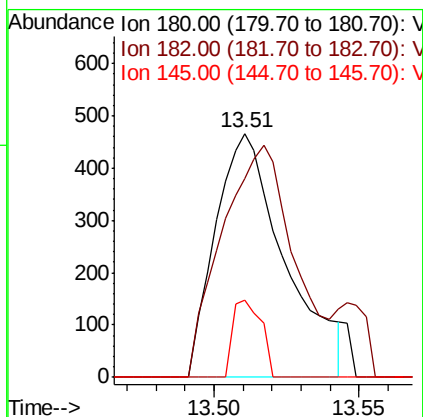
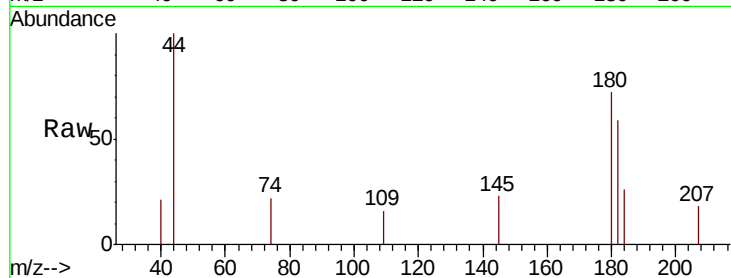




#68
 1,2,4-trichlorobenzene
 Concen: 0.402 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026698.D
 Acq: 12 Sep 2018 13:28

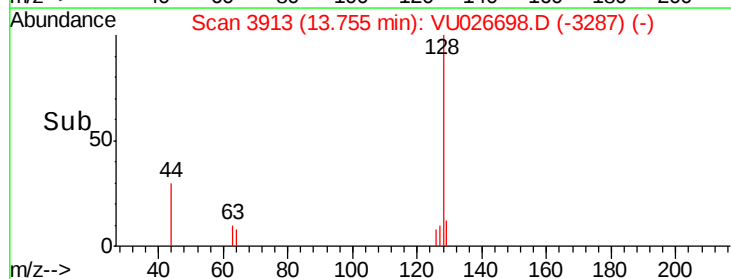
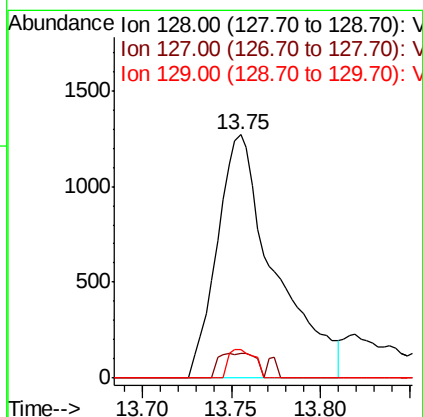
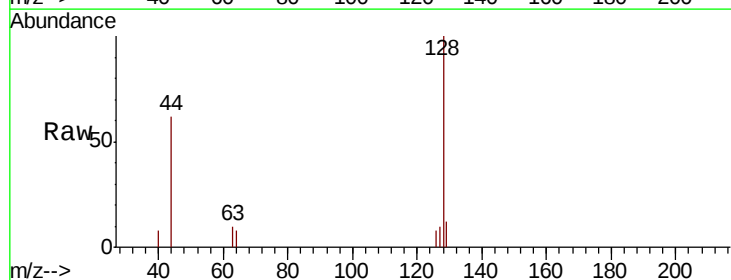
Instrument :
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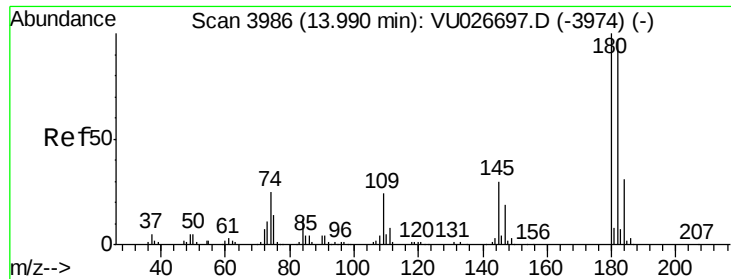
Tgt Ion:180 Resp: 772
 Ion Ratio Lower Upper
 180 100
 182 99.7 76.0 114.0
 145 13.0 23.4 35.0#



#69
 Naphthalene
 Concen: 0.481 ug/L
 RT: 13.75 min Scan# 3913
 Delta R.T. 0.01 min
 Lab File: VU026698.D
 Acq: 12 Sep 2018 13:28

Tgt Ion:128 Resp: 2836
 Ion Ratio Lower Upper
 128 100
 127 3.2 10.3 15.5#
 129 4.5 8.6 13.0#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.480 ug/L
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU026698.D
 Acq: 12 Sep 2018 13:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK53

Tgt Ion:180 Resp: 1000
 Ion Ratio Lower Upper
 180 100
 182 91.9 76.7 115.1
 145 8.6 23.0 34.6#

