

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026699.D
 Acq On : 12 Sep 2018 14:04
 Operator : MD/SY
 Sample : VN0913WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK54

Quant Time: Sep 13 03:40:06 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	230563	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	210956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69691	40.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.12%
7) Chloroethane-d5	1.67	69	62431	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.18%
11) 1,1-Dichloroethene-d2	2.27	63	102846	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.90%
21) 2-Butanone-d5	4.18	46	123381	115.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.39%
24) Chloroform-d	4.65	84	131558	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.10%
26) 1,2-Dichloroethane-d4	5.31	65	90111	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
32) Benzene-d6	5.34	84	277991	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
36) 1,2-Dichloropropane-d6	6.33	67	94917	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.62%
41) Toluene-d8	7.57	98	251356	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%
43) trans-1,3-Dichloropropene-	7.85	79	42850	50.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.60%
47) 2-Hexanone-d5	8.31	63	88361	118.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129005	51.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	98447	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%

Target Compounds

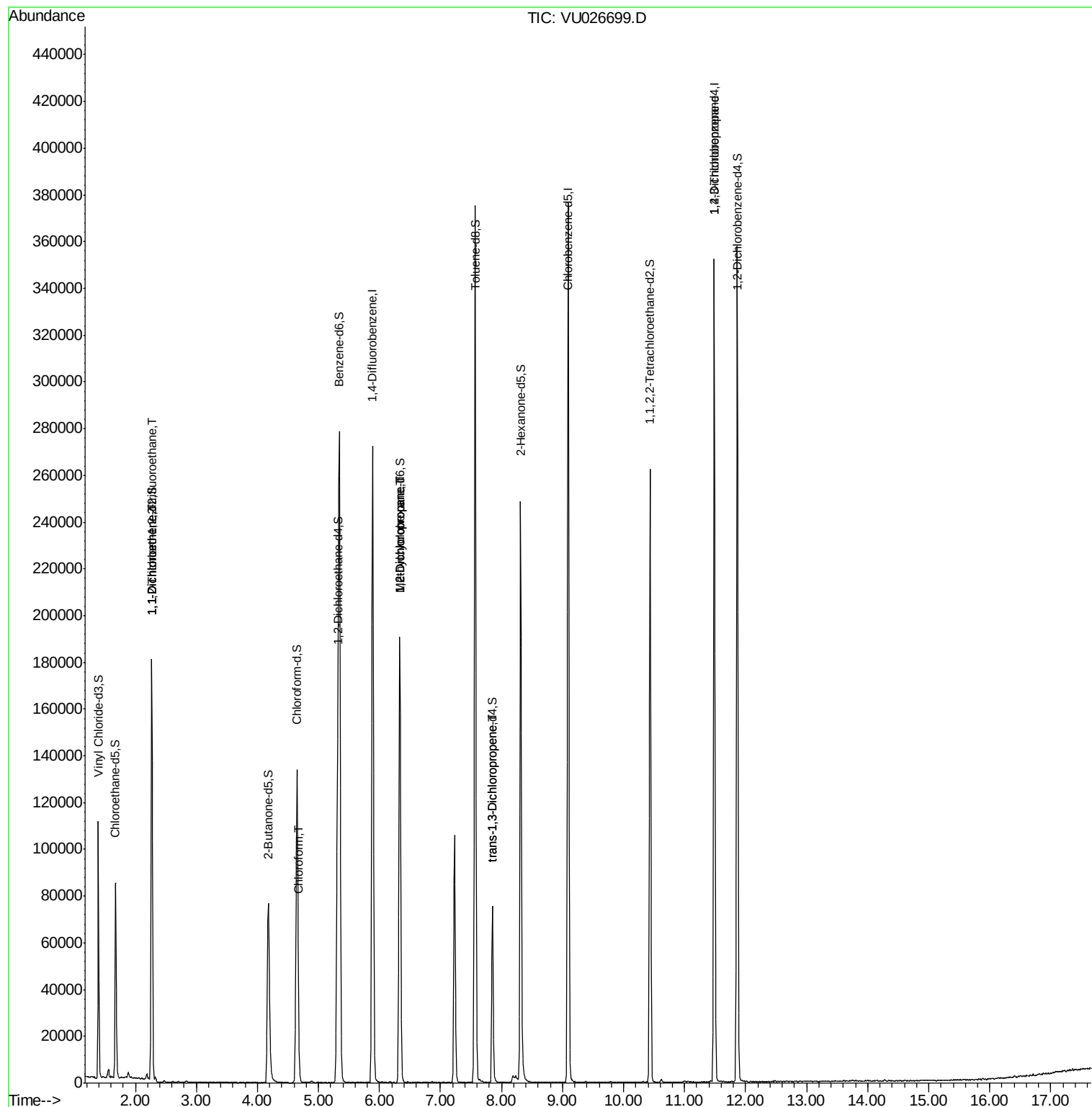
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	842	0.595 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	833	0.613 ug/L #	1
25) Chloroform	4.68	83	4788	1.705 ug/L	96
35) Methylcyclohexane	6.33	83	21271	9.050 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10036	6.081 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1809	0.796 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	10525	5.390 ug/L	92

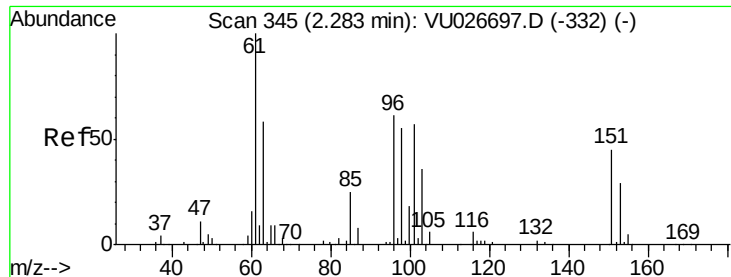
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK54

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
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: 0.595 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026699.D

Acq: 12 Sep 2018 14:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK54

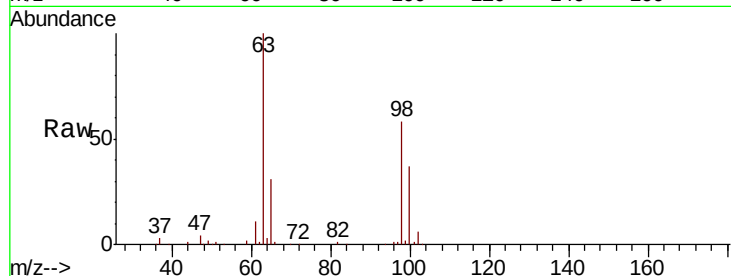
Tgt Ion: 101 Resp: 842

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

2.27

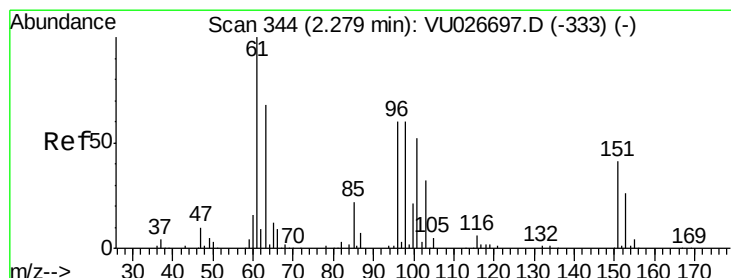
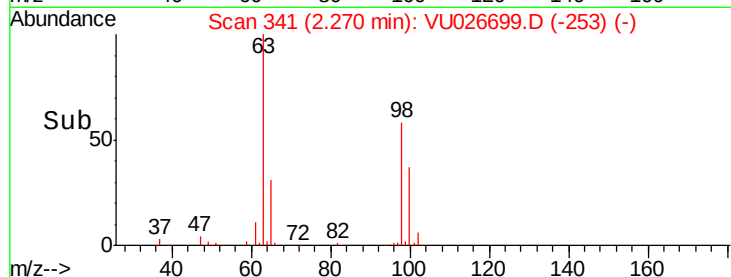
600

400

200

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.613 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU026699.D

Acq: 12 Sep 2018 14:04

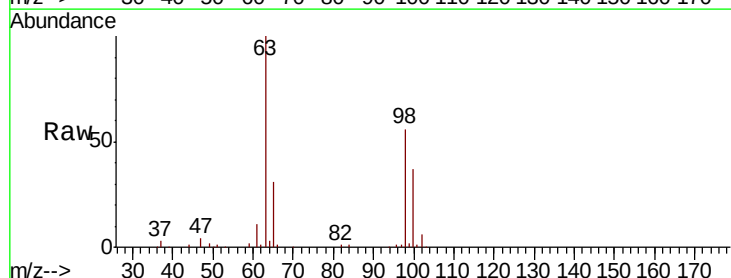
Tgt Ion: 96 Resp: 833

Ion Ratio Lower Upper

96 100

61 1318.7 121.0 224.8#

63 12239.6 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

80000

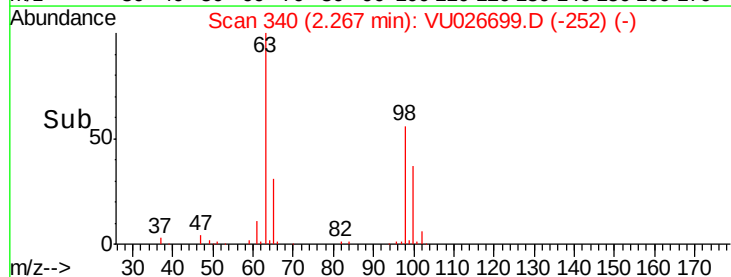
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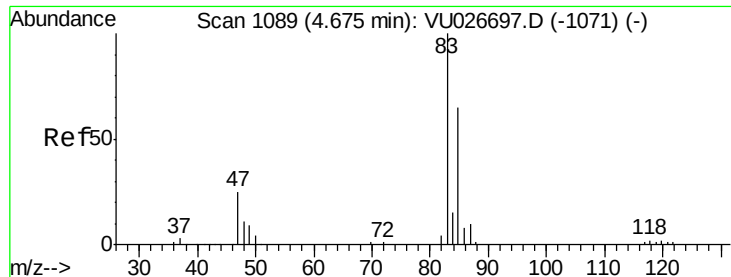
40000

20000

0

Time-->

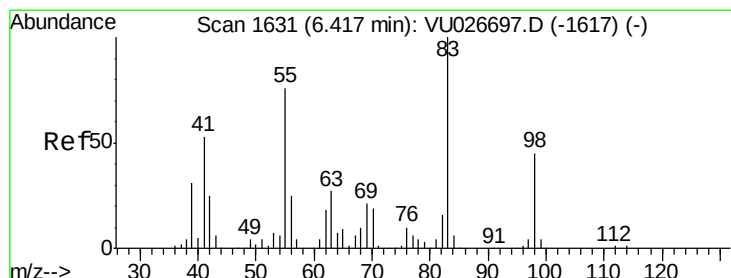
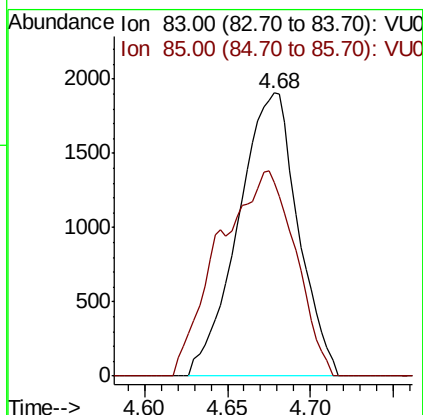
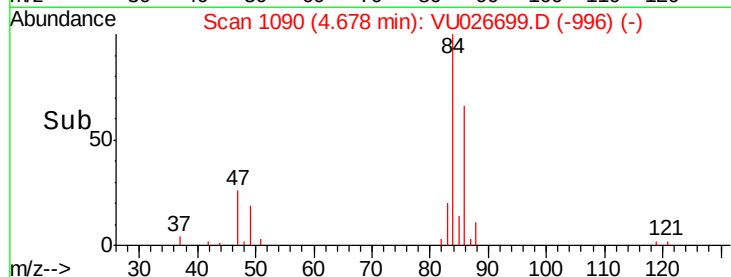
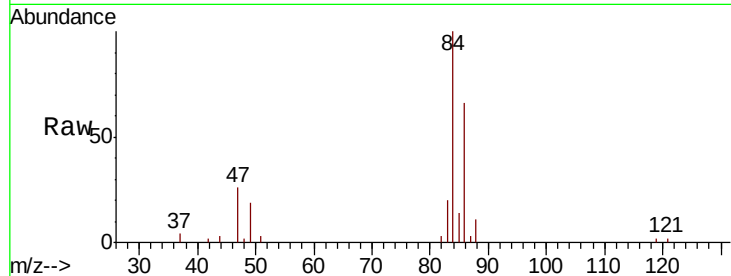




#25
Chloroform
Concen: 1.705 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU026699.D
Acq: 12 Sep 2018 14:04

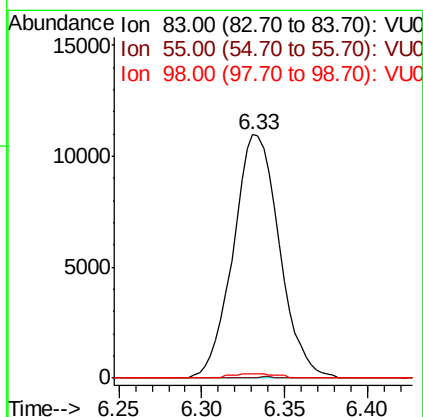
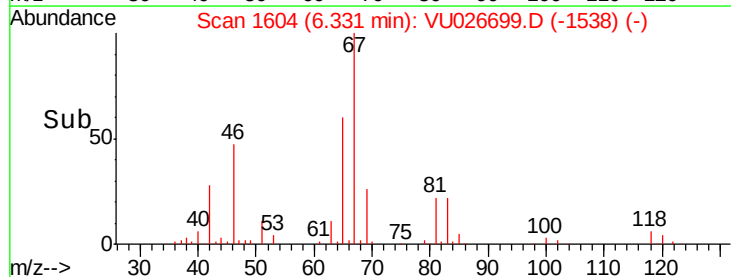
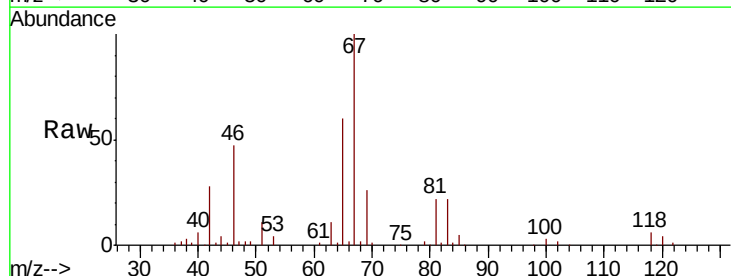
Instrument :
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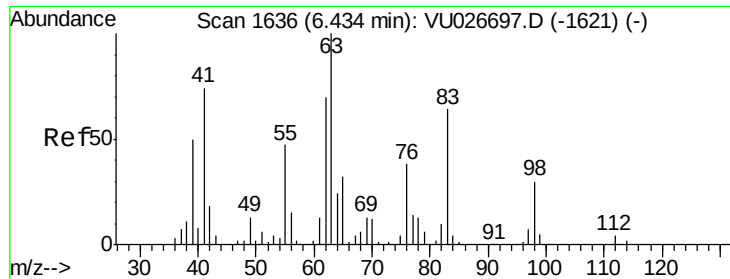
Tgt Ion: 83 Resp: 4788
Ion Ratio Lower Upper
83 100
85 68.4 45.6 84.6



#35
Methylcyclohexane
Concen: 9.050 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026699.D
Acq: 12 Sep 2018 14:04

Tgt Ion: 83 Resp: 21271
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.9 37.0 55.4#

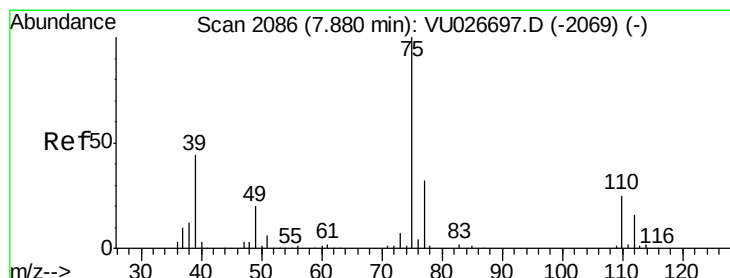
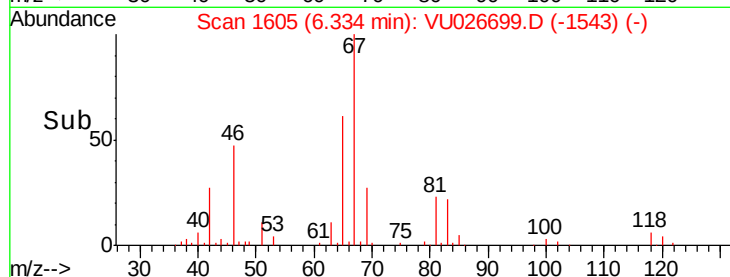
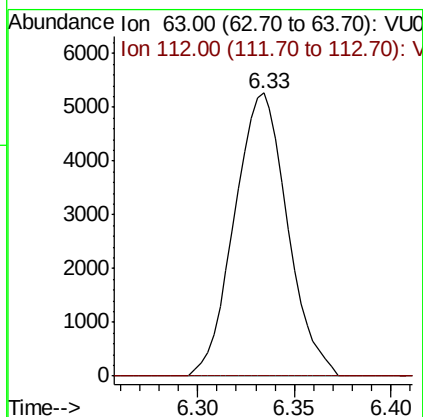
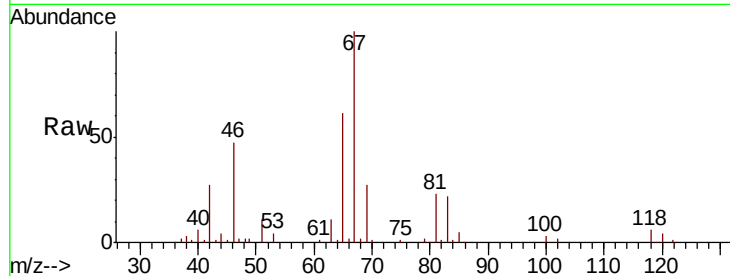




#37
 1,2-Dichloropropane
 Concen: 6.081 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026699.D
 Acq: 12 Sep 2018 14:04

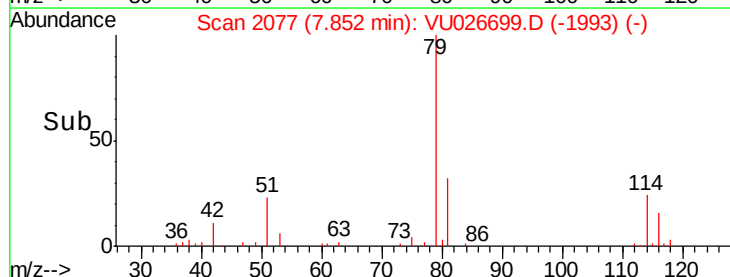
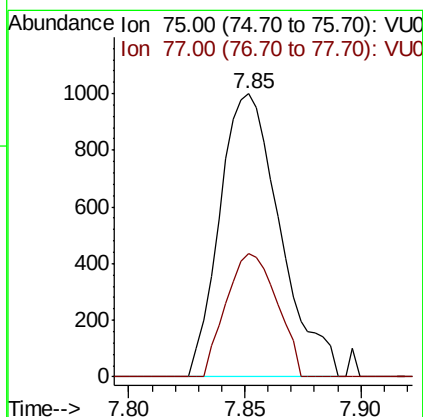
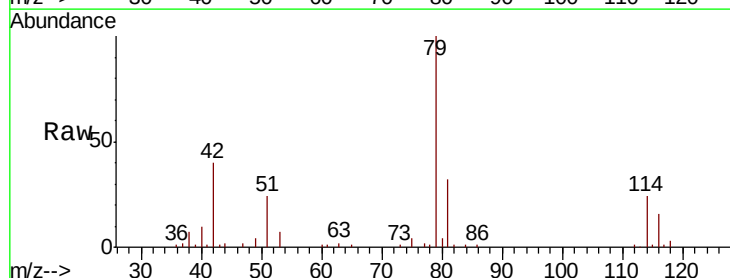
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK54

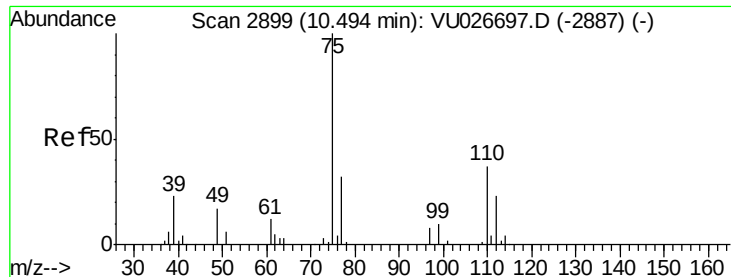
Tgt Ion: 63 Resp: 10036
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.796 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026699.D
 Acq: 12 Sep 2018 14:04

Tgt Ion: 75 Resp: 1809
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.4 41.6#





#59
 1,2,3-Trichloropropane
 Concen: 5.390 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026699.D
 Acq: 12 Sep 2018 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK54

Tgt Ion: 75 Resp: 10525
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.8 38.6

