

Data File : VU036730.D
Acq On : 11 Feb 2020 18:46
Operator : JC/MD
Sample : VV0212WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK12

Quant Time: Feb 12 08:16:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 12 08:13:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	128795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	119539	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51469	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52835	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	44927	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	66741	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.68	46	115490	49.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	5.11	84	77569	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	46508	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.77	84	175088	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.73	67	55706	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.93	98	159447	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.21	79	19728	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.67	63	98562	48.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41293	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	49038	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

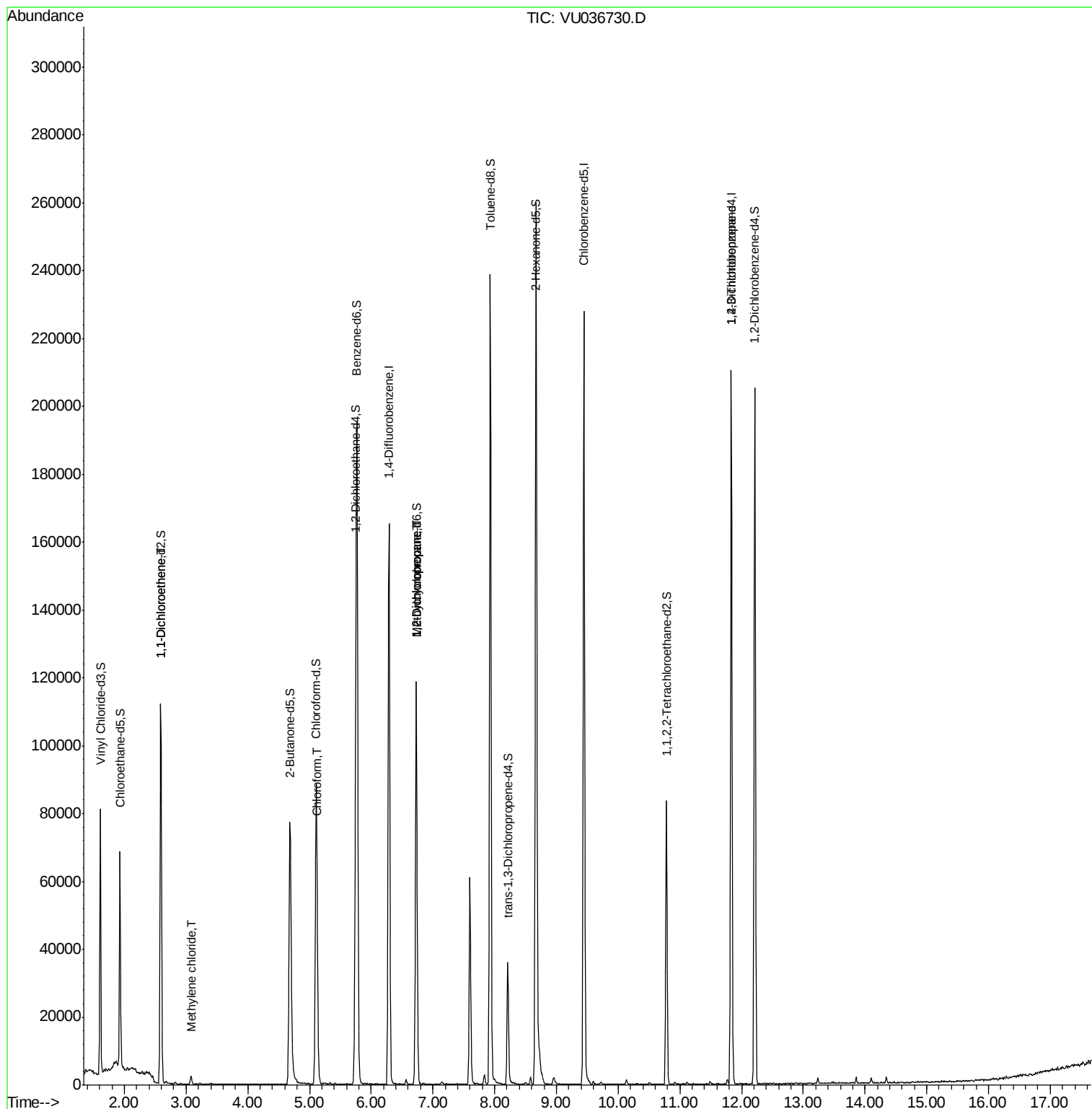
					Qvalue
12) 1,1-Dichloroethene	2.60	96	493	0.063 ug/L #	1
16) Methylene chloride	3.08	84	1215	0.092 ug/L	77
25) Chloroform	5.13	83	7515	0.415 ug/L	99
35) Methylcyclohexane	6.73	83	12181	0.817 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5669	0.563 ug/L #	89
59) 1,2,3-Trichloropropane	11.83	75	8009	1.205 ug/L	95

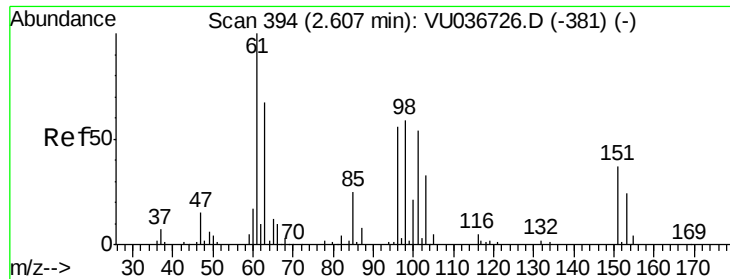
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK12

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QLast Update : Wed Feb 12 08:13:11 2020
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#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036730.D

Acq: 11 Feb 2020 18:46

Instrument :

MSVOA_U

ClientSampled :

VBLK12

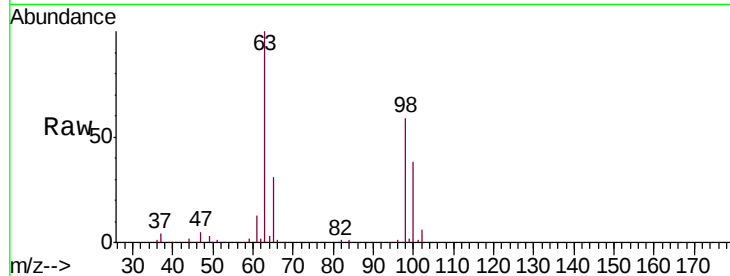
Tgt Ion: 96 Resp: 493

Ion Ratio Lower Upper

96 100

61 1331.9 126.4 234.8#

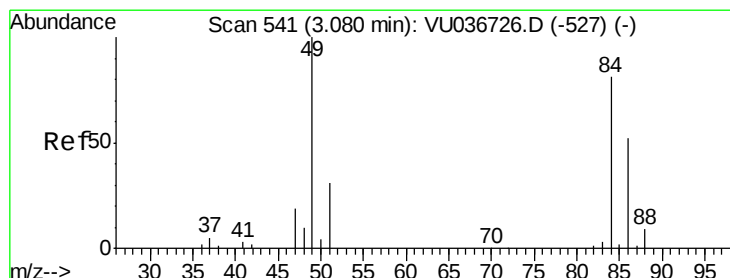
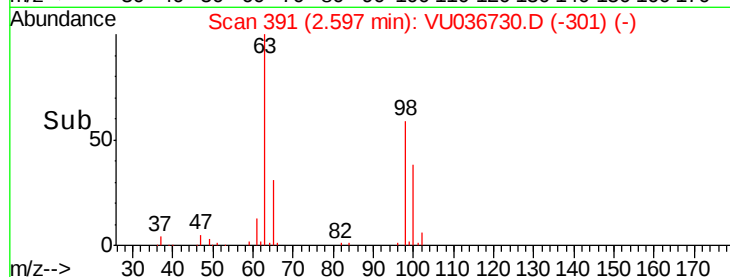
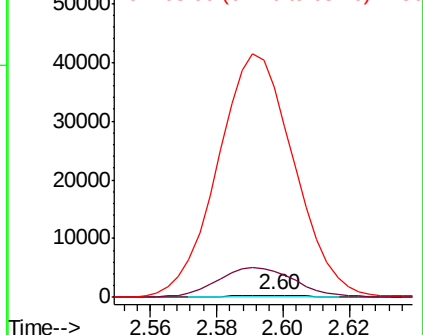
63 10534.5 89.5 166.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.092 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

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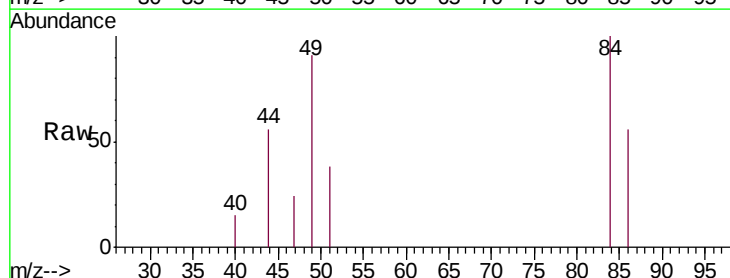
Tgt Ion: 84 Resp: 1215

Ion Ratio Lower Upper

84 100

86 56.1 44.7 82.9

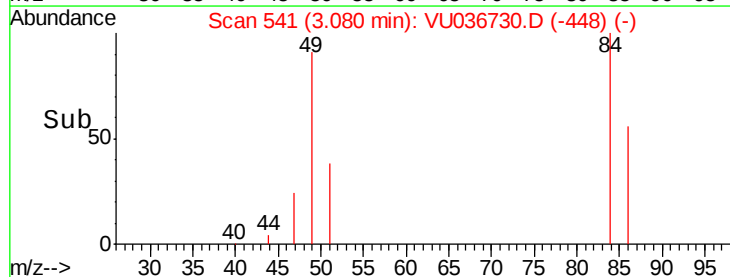
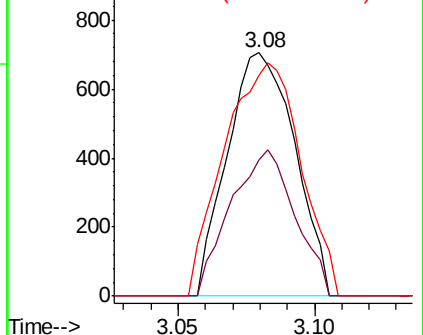
49 90.8 86.7 160.9

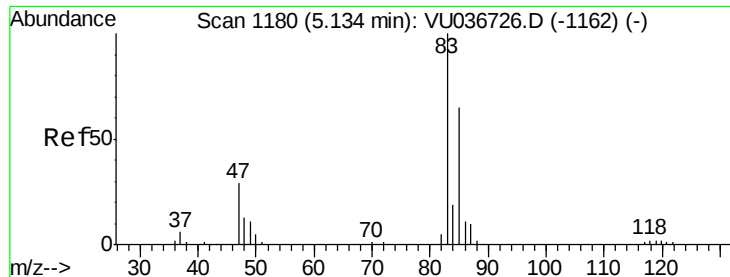


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

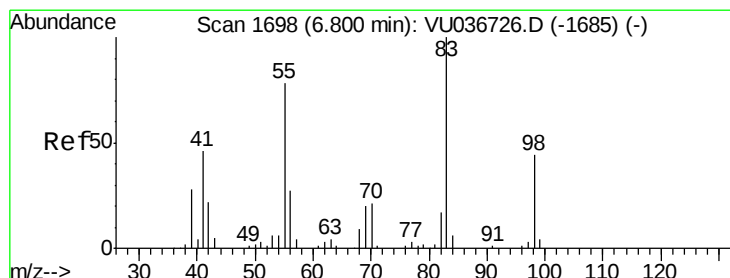
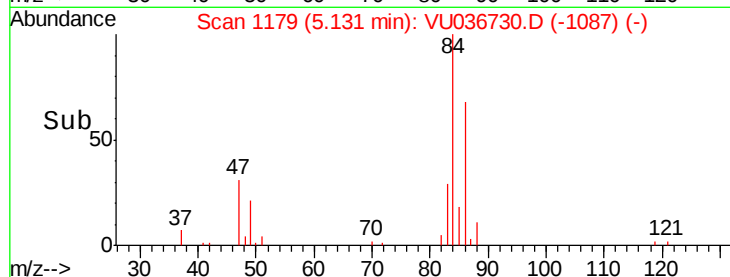
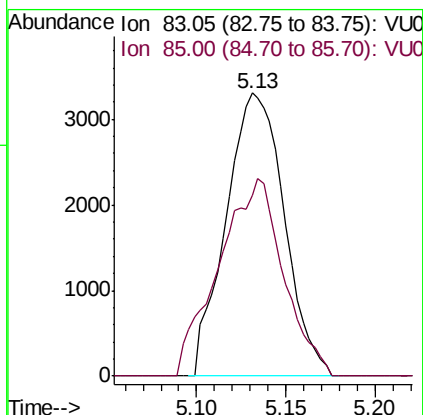
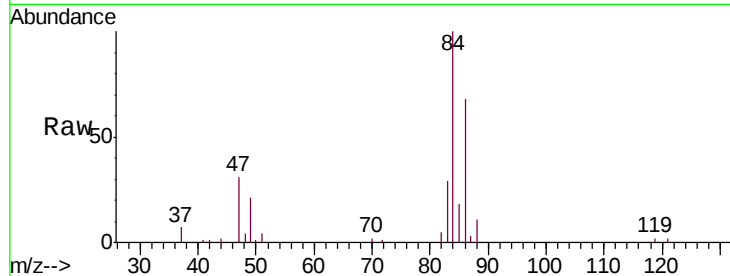




#25
Chloroform
Concen: 0.415 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
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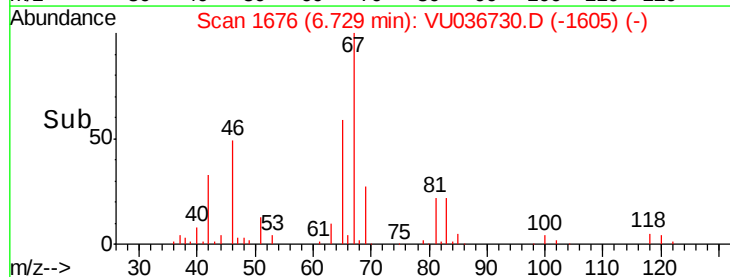
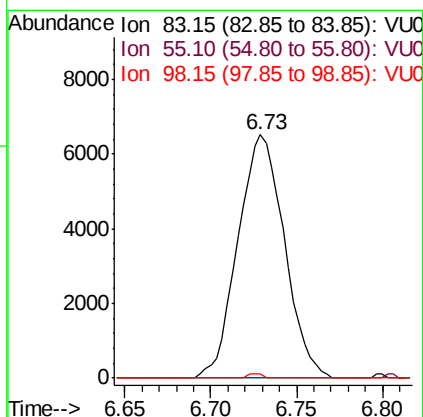
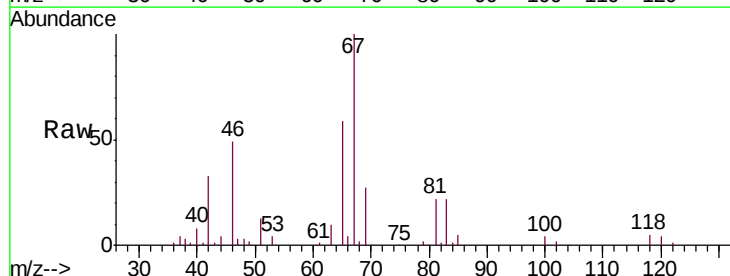
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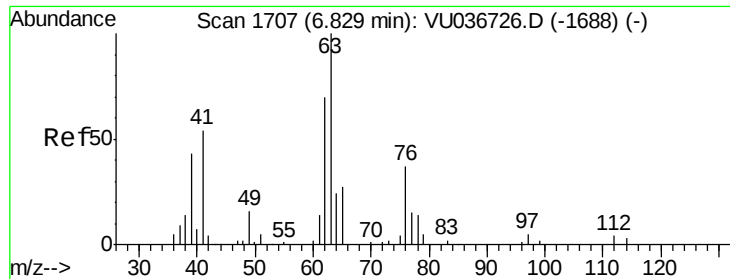
Tgt Ion: 83 Resp: 7515
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2



#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036730.D
Acq: 11 Feb 2020 18:46

Tgt Ion: 83 Resp: 12181
Ion Ratio Lower Upper
83 100
55 0.3 61.0 91.4#
98 0.5 34.2 51.4#

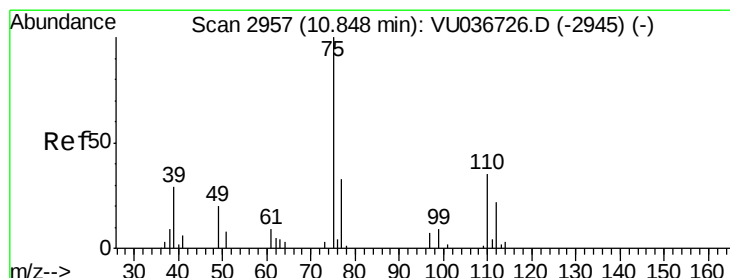
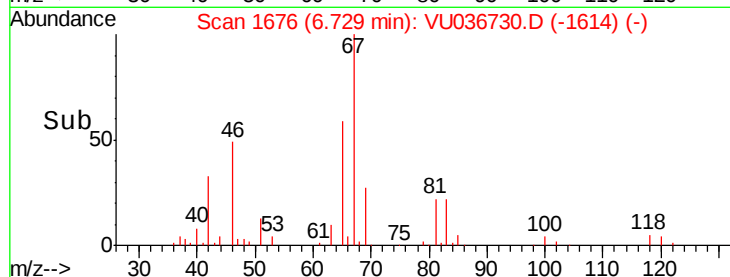
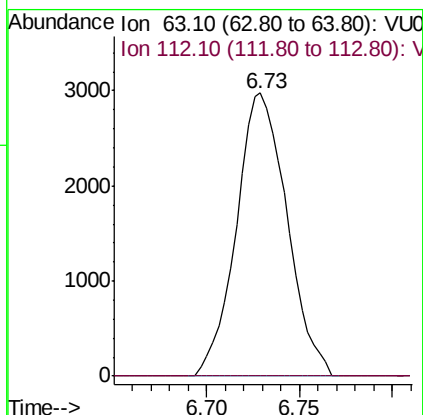
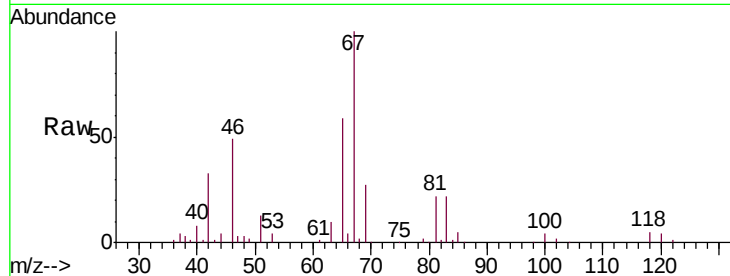




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036730.D
 Acq: 11 Feb 2020 18:46

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK12

Tgt Ion: 63 Resp: 5669
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.205 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036730.D
 Acq: 11 Feb 2020 18:46

Tgt Ion: 75 Resp: 8009
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.6 38.4

