

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037444.D
 Acq On : 29 Mar 2020 03:18
 Operator : JC/MD
 Sample : L2001-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:15:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	111417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	104231	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51963	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35815	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.93	69	31564	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	55753	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.66	46	107588	47.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.98%
24) Chloroform-d	5.10	84	64454	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.74	65	40687	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.76	84	146603	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	47197	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.92	98	134778	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	21025	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.66	63	92725	49.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	38773	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	50098	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

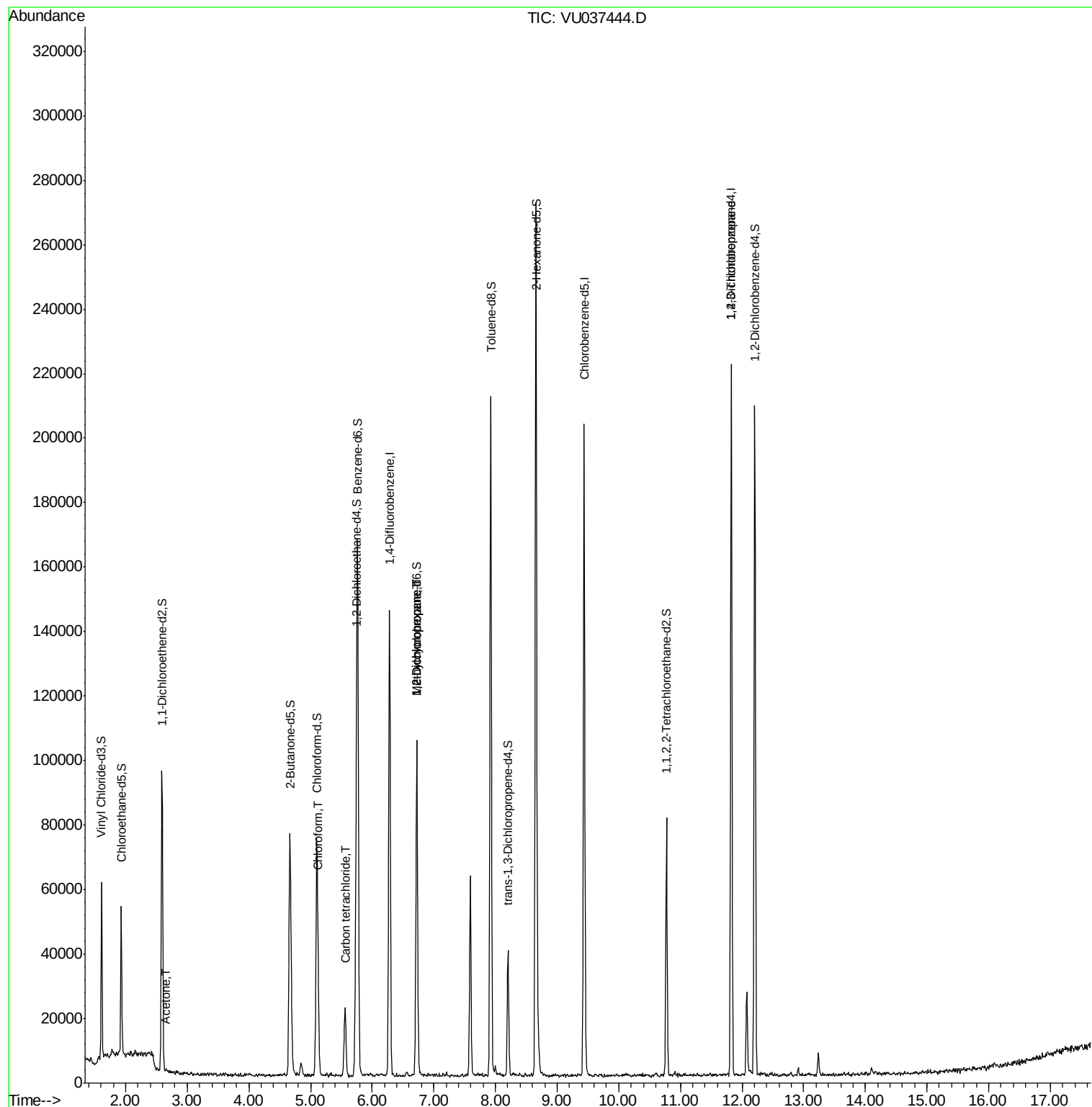
					Ovalue
13) Acetone	2.66	43	1074	0.834	ug/L 91
25) Chloroform	5.13	83	9033	0.600	ug/L 92
31) Carbon tetrachloride	5.56	117	14028	1.240	ug/L 96
35) Methylcyclohexane	6.72	83	11522	0.828	ug/L # 19
37) 1,2-Dichloropropane	6.72	63	5715	0.716	ug/L # 88
59) 1,2,3-Trichloropropane	11.83	75	7232	1.303	ug/L 95

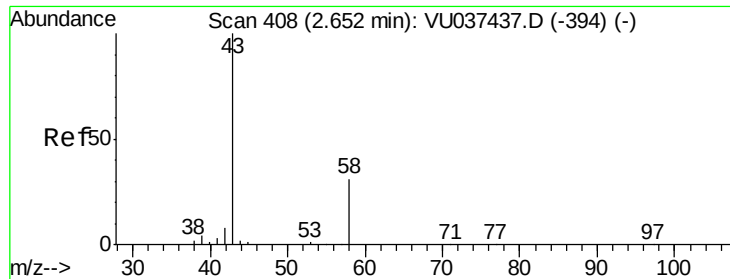
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.834 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037444.D

Acq: 29 Mar 2020 03:18

Instrument :

MSVOA_U

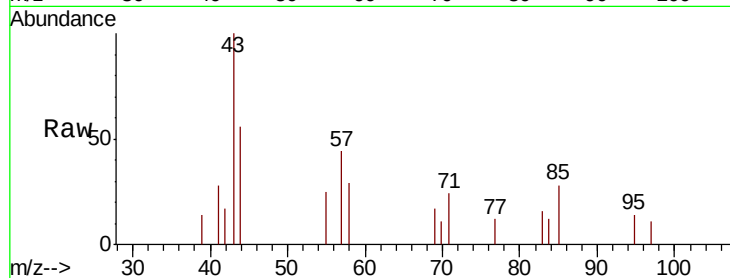
ClientSampled :

Tot Ion: 43 Resp: 1074

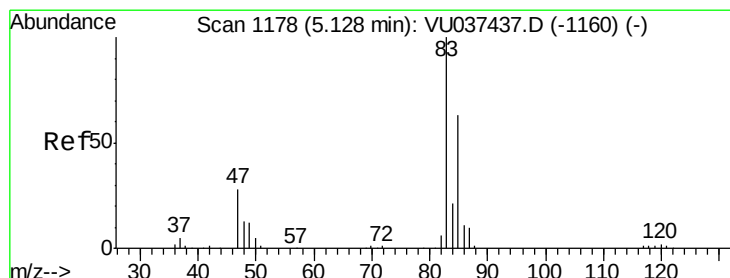
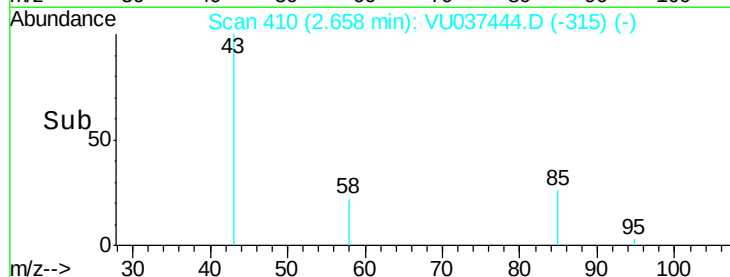
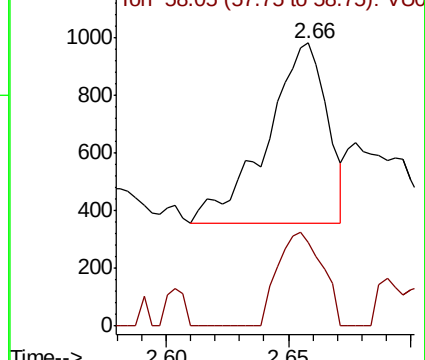
Ion Ratio Lower Upper

43 100

58 38.2 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU037437.D (-394) (-)



#25

Chloroform

Concen: 0.600 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037444.D

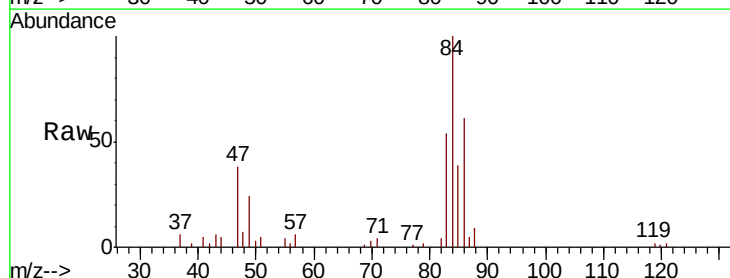
Acq: 29 Mar 2020 03:18

Tgt Ion: 83 Resp: 9033

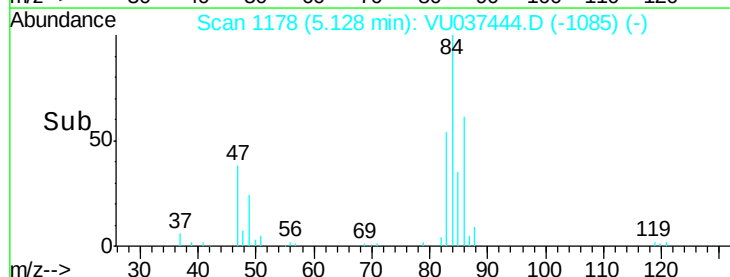
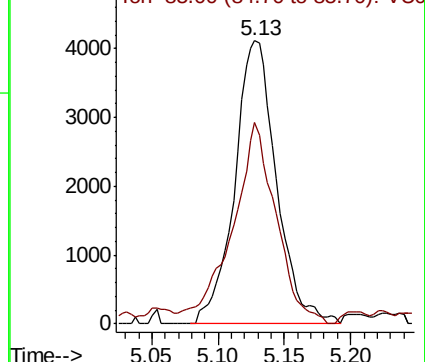
Ion Ratio Lower Upper

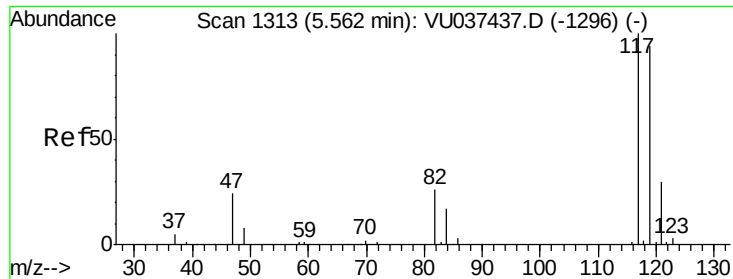
83 100

85 71.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037437.D (-1160) (-)

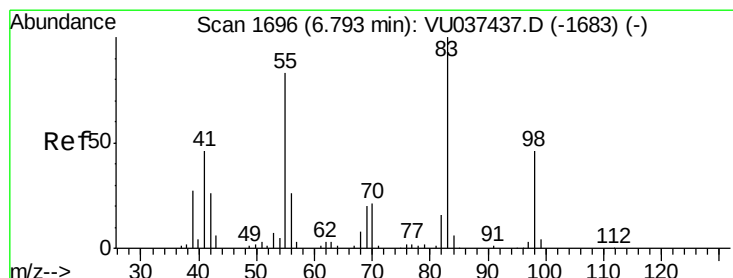
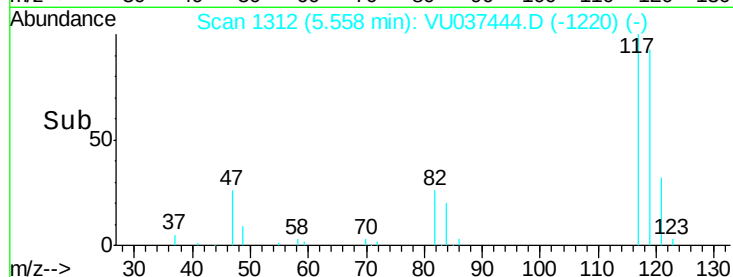
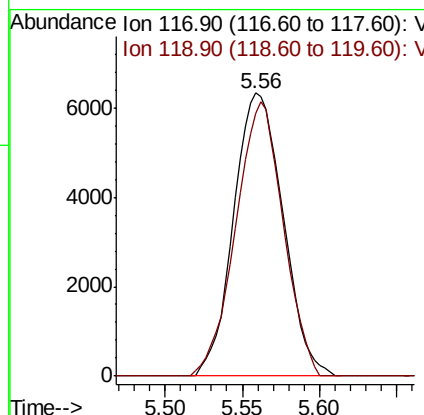
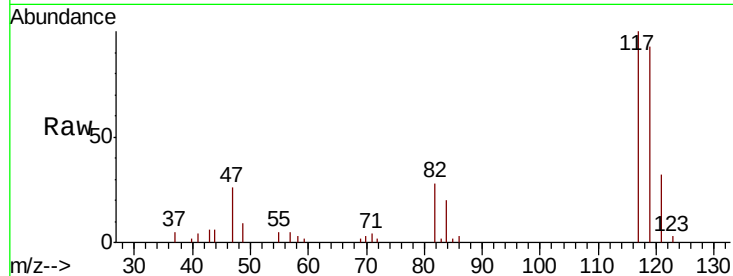




#31
Carbon tetrachloride
Concen: 1.240 ug/L
RT: 5.56 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU037444.D
Acq: 29 Mar 2020 03:18

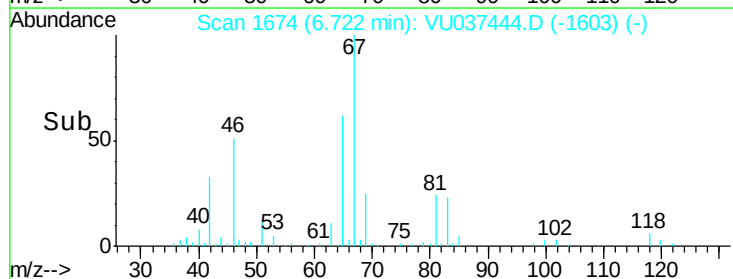
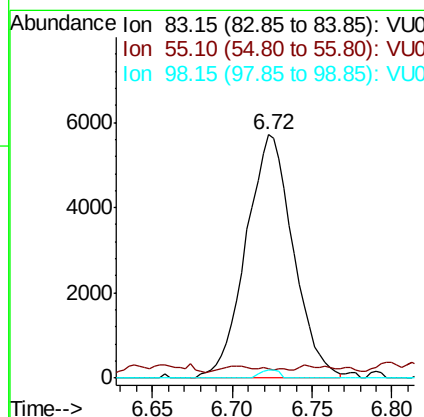
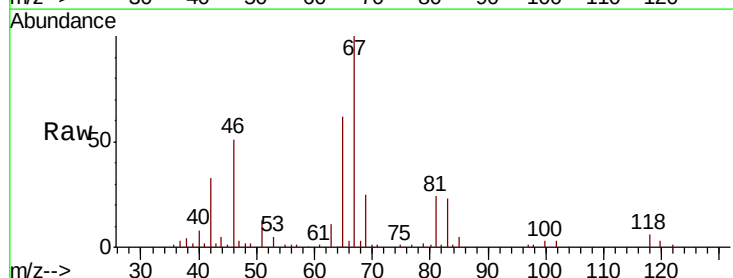
Instrument :
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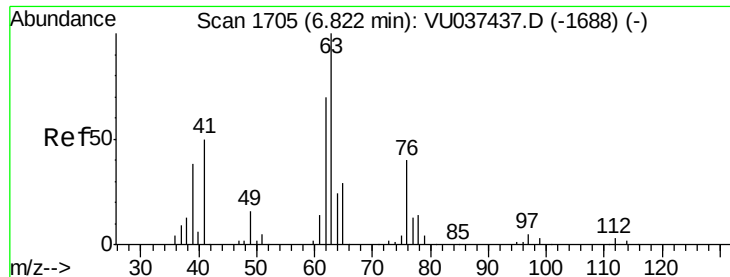
Tot Ion:117 Resp: 14028
Ion Ratio Lower Upper
117 100
119 93.2 77.7 116.5



#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037444.D
Acq: 29 Mar 2020 03:18

Tgt Ion: 83 Resp: 11522
Ion Ratio Lower Upper
83 100
55 2.4 64.2 96.4#
98 1.4 36.3 54.5#

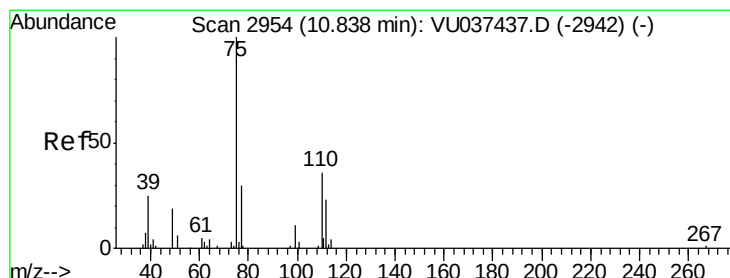
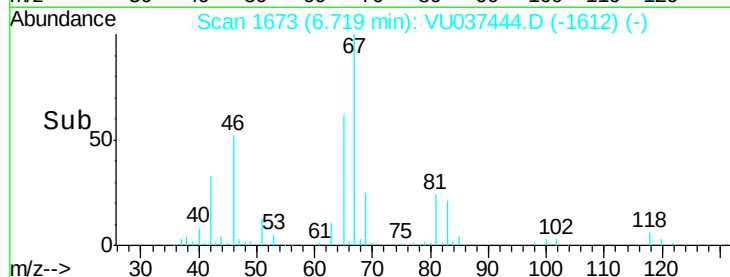
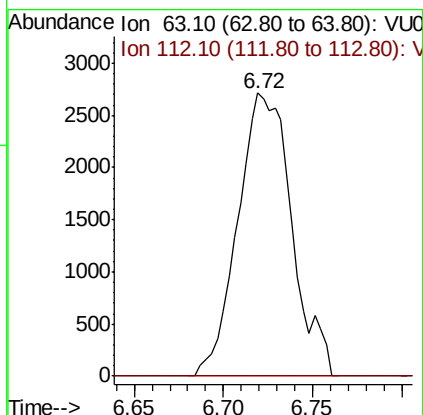
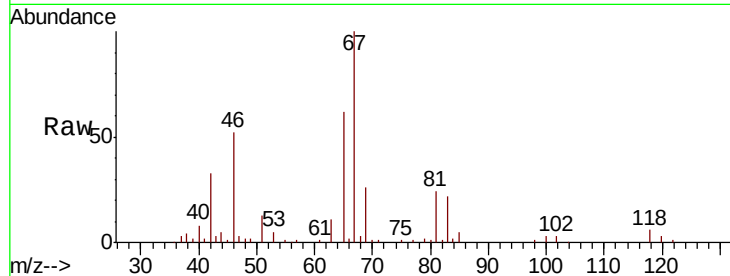




#37
 1,2-Dichloropropane
 Concen: 0.716 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU037444.D
 Acq: 29 Mar 2020 03:18

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 5715
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.303 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037444.D
 Acq: 29 Mar 2020 03:18

Tgt Ion: 75 Resp: 7232
 Ion Ratio Lower Upper
 75 100
 77 37.4 27.4 41.2

