

Data File : VU036911.D
Acq On : 26 Feb 2020 13:46
Operator : JC/MD
Sample : L1687-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS1

Quant Time: Feb 27 04:49:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265656	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93654	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.96%
7) Chloroethane-d5	1.93	69	82632	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.59	63	122284	32.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.46%
21) 2-Butanone-d5	4.67	46	143187	95.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.68%
24) Chloroform-d	5.11	84	152702	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	5.74	65	106400	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
32) Benzene-d6	5.77	84	337836	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.73	67	110069	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.46%
41) Toluene-d8	7.93	98	305264	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%
43) trans-1,3-Dichloropropene-	8.21	79	47489	43.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.76%
47) 2-Hexanone-d5	8.66	63	106924	92.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.83%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	152257	45.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	90596	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%

Target Compounds

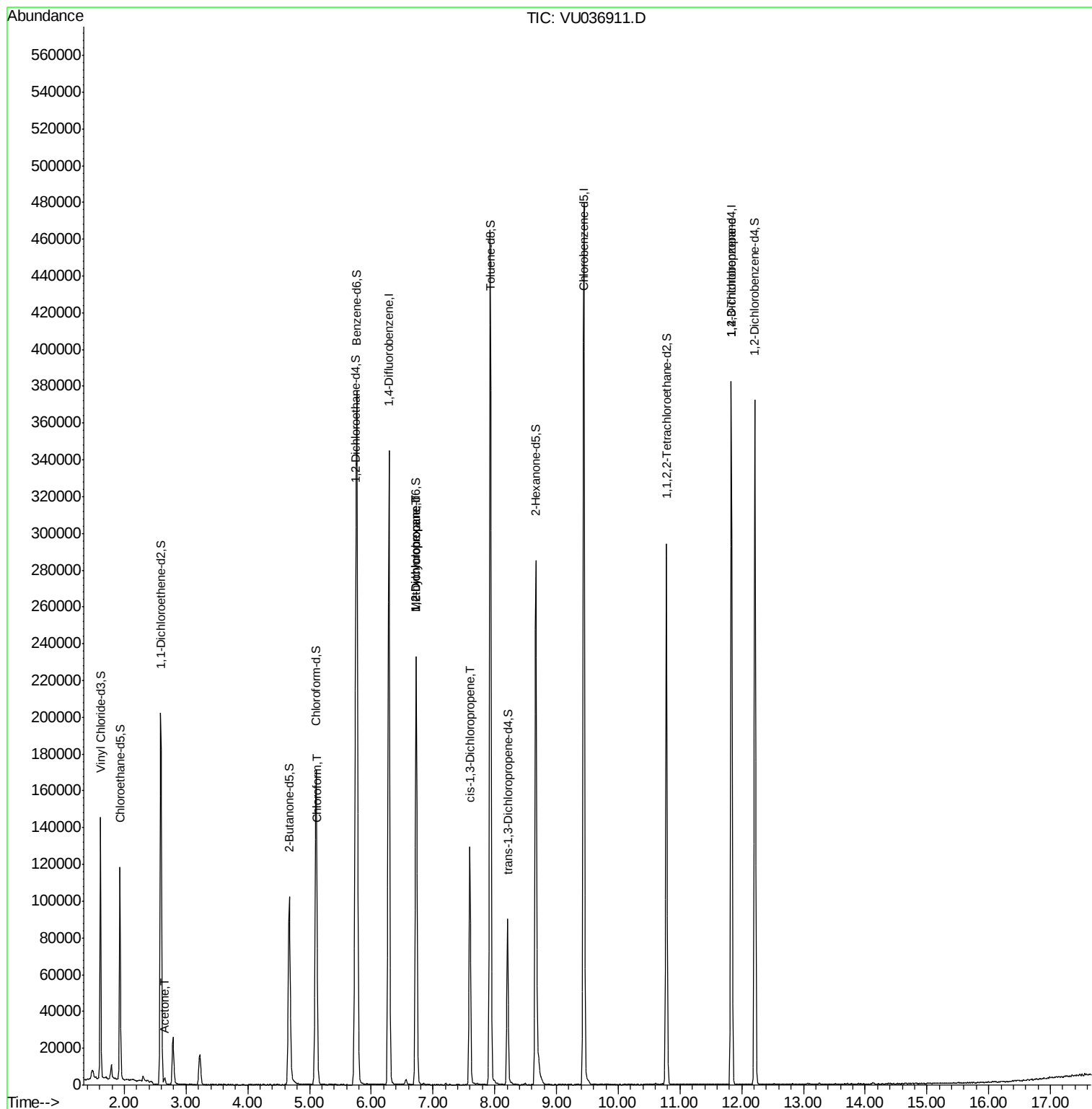
					Qvalue
13) Acetone	2.66	43	3413	2.217 ug/L	97
25) Chloroform	5.13	83	3525	1.020 ug/L	91
35) Methylcyclohexane	6.73	83	24035	7.101 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12027	5.624 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3163	0.960 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	14650	5.325 ug/L	95

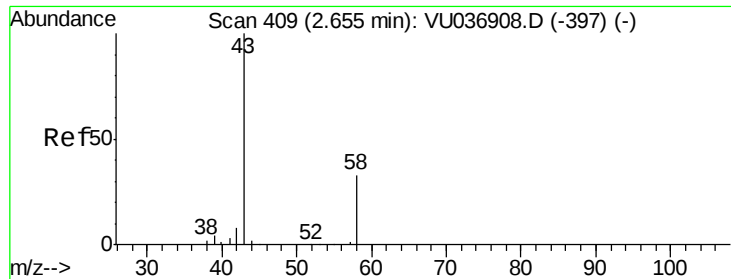
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.217 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036911.D

Acq: 26 Feb 2020 13:46

Instrument :

MSVOA_U

ClientSampleId :

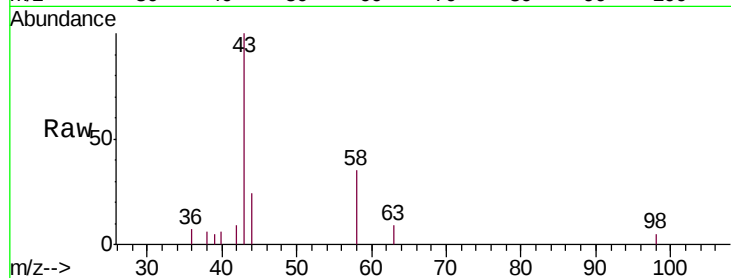
C0AS1

Tgt Ion: 43 Resp: 3413

Ion Ratio Lower Upper

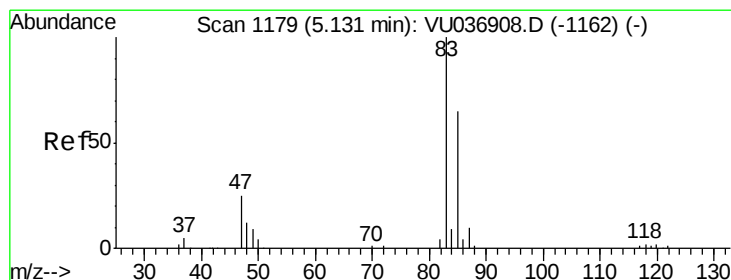
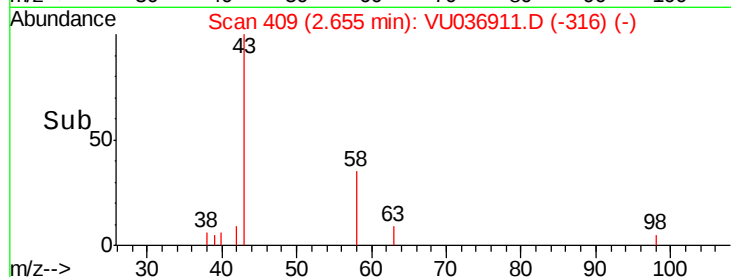
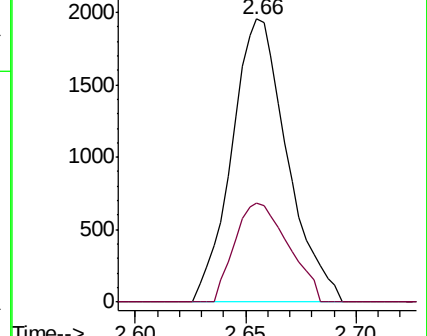
43 100

58 33.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036908.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036908.D (-397) (-)



#25

Chloroform

Concen: 1.020 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU036911.D

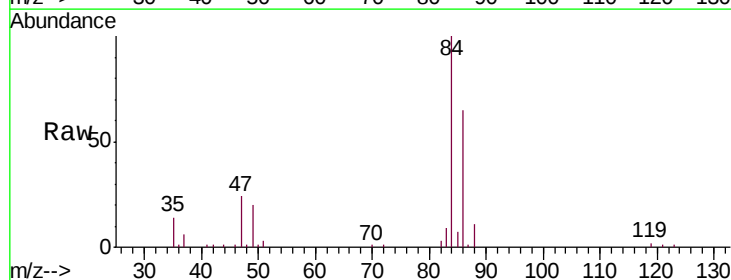
Acq: 26 Feb 2020 13:46

Tgt Ion: 83 Resp: 3525

Ion Ratio Lower Upper

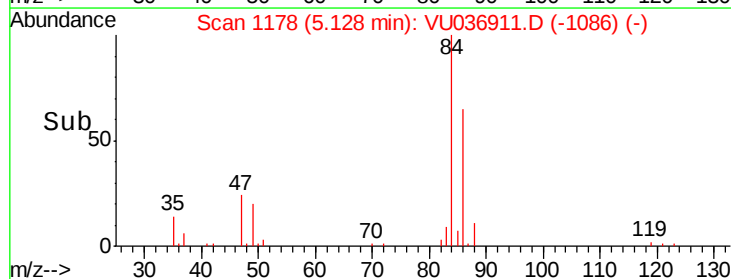
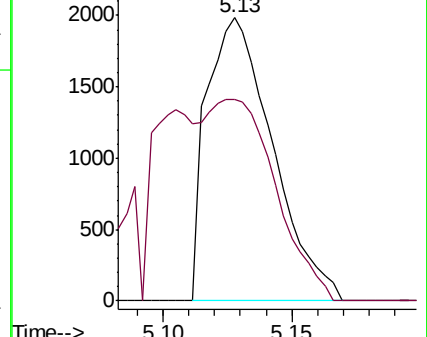
83 100

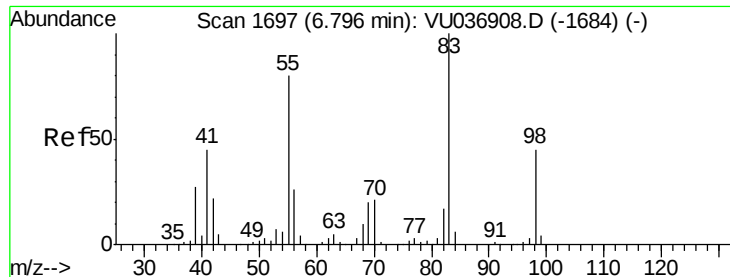
85 71.4 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU036908.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036908.D (-1162) (-)

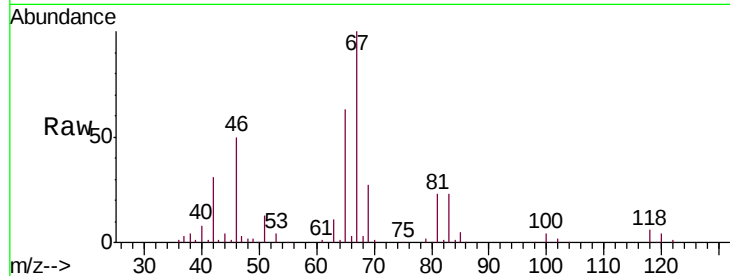




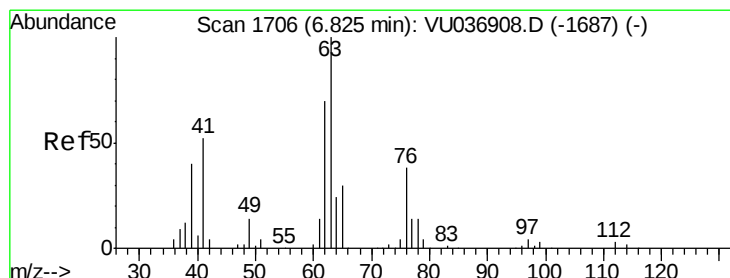
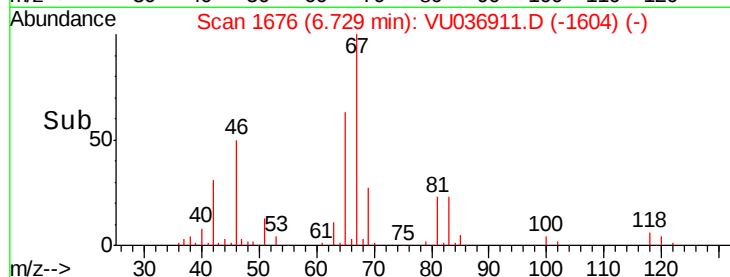
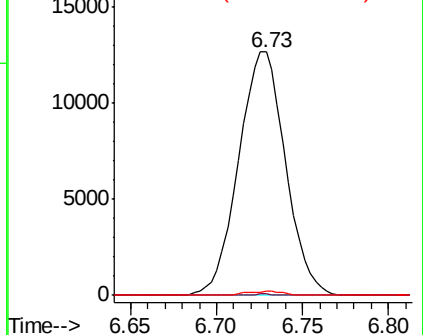
#35
Methylcyclohexane
Concen: 7.101 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036911.D
Acq: 26 Feb 2020 13:46

Instrument :
MSVOA_U
ClientSampleId :
C0AS1

Tgt Ion: 83 Resp: 24035
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 1.3 35.1 52.7#

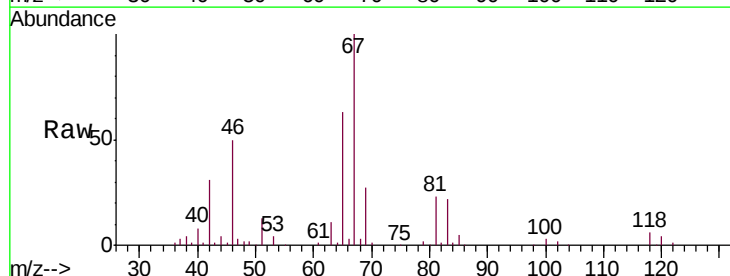


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

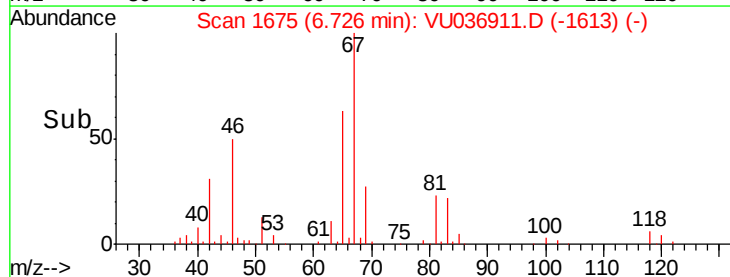
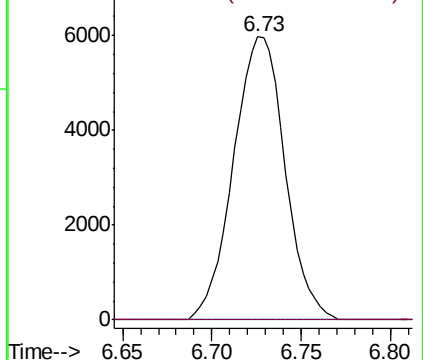


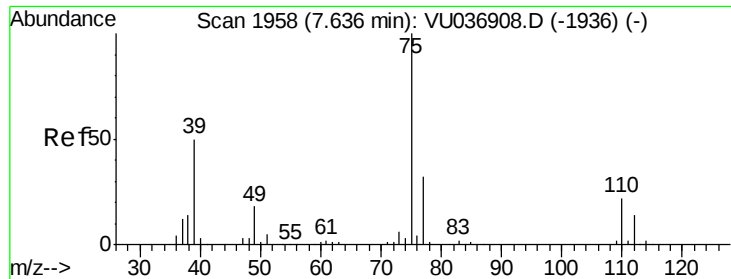
#37
1,2-Dichloropropane
Concen: 5.624 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036911.D
Acq: 26 Feb 2020 13:46

Tgt Ion: 63 Resp: 12027
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

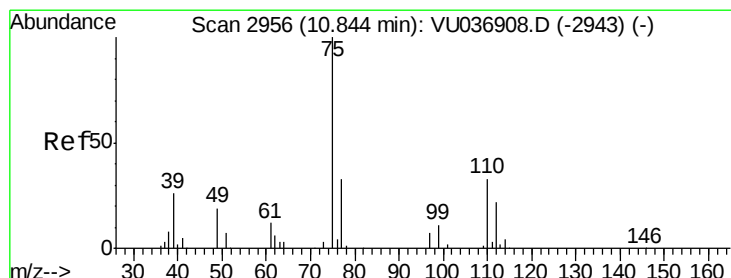
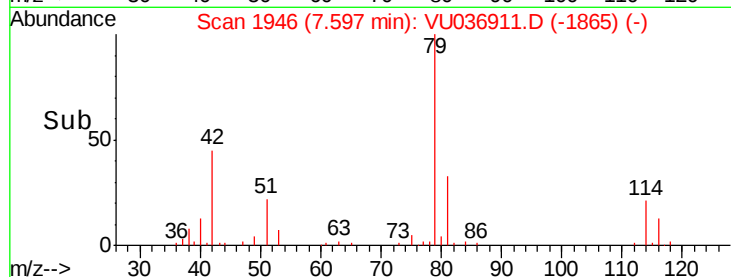
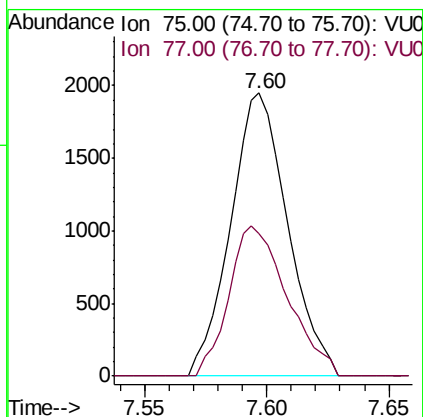
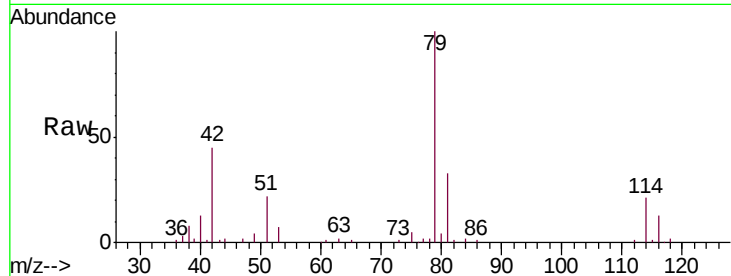




#39
 cis-1,3-Dichloropropene
 Concen: 0.960 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036911.D
 Acq: 26 Feb 2020 13:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS1

Tgt Ion: 75 Resp: 3163
 Ion Ratio Lower Upper
 75 100
 77 50.5 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.325 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036911.D
 Acq: 26 Feb 2020 13:46

Tgt Ion: 75 Resp: 14650
 Ion Ratio Lower Upper
 75 100
 77 35.3 26.2 39.2

