

Data File : VU036986.D
Acq On : 28 Feb 2020 20:25
Operator : JC/MD
Sample : L1729-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW6

Quant Time: Feb 29 00:37:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	243704	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	228450	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81663	39.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	73855	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.22%
11) 1,1-Dichloroethene-d2	2.59	63	107872	31.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.96%
21) 2-Butanone-d5	4.67	46	140166	102.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.10%
24) Chloroform-d	5.11	84	148632	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.74	65	103310	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
32) Benzene-d6	5.76	84	322328	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.72	67	106620	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.64%
41) Toluene-d8	7.93	98	288657	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.20	79	45202	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
47) 2-Hexanone-d5	8.66	63	100922	96.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151232	50.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.24%
64) 1,2-Dichlorobenzene-d4	12.21	152	88033	52.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.88%

Target Compounds

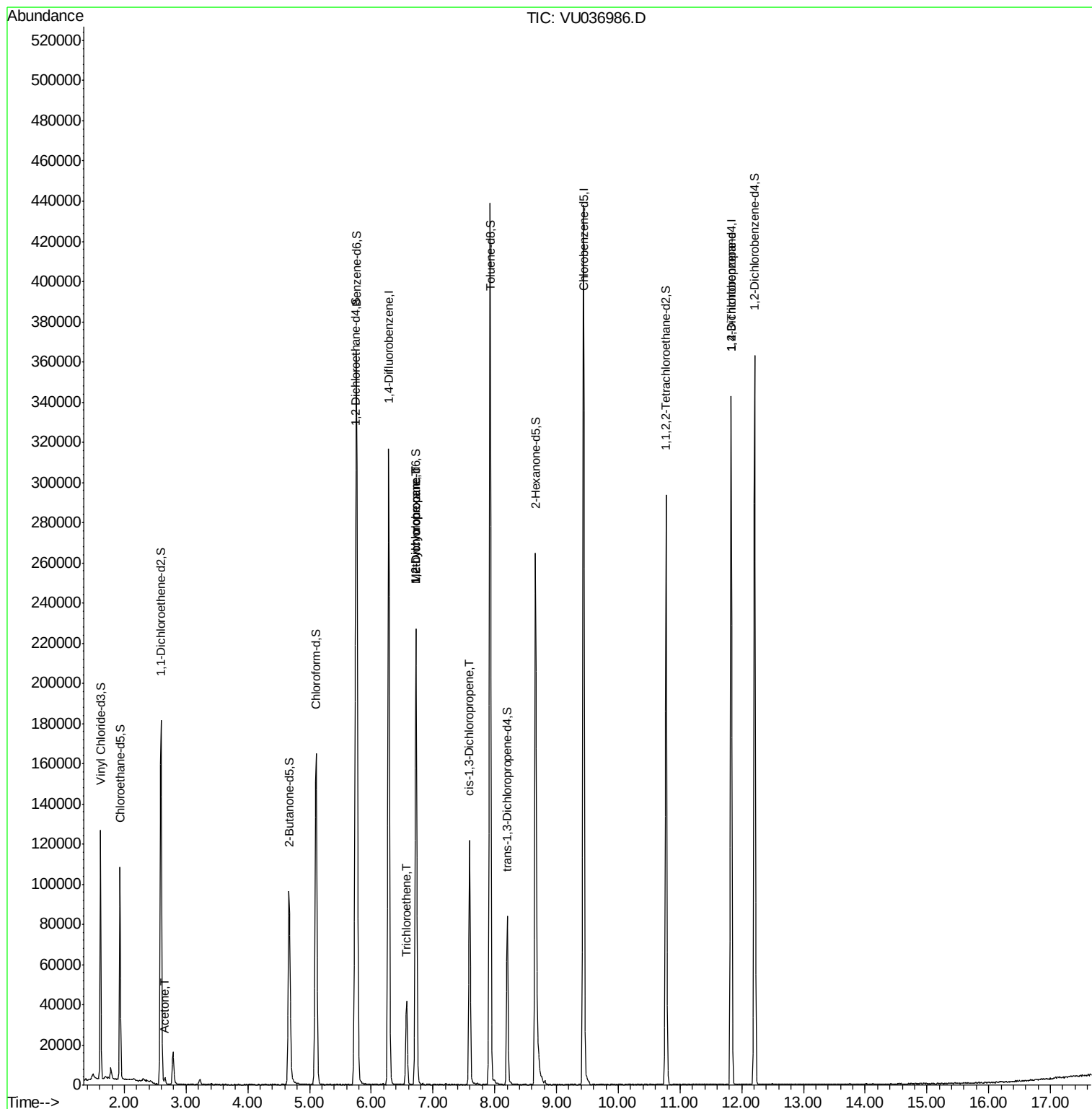
					Qvalue
13) Acetone	2.66	43	3248	2.300 ug/L	92
34) Trichloroethene	6.57	95	13298	7.497 ug/L	96
35) Methylcyclohexane	6.73	83	23477	7.634 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11332	5.832 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2947	0.985 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	13177	5.271 ug/L	96

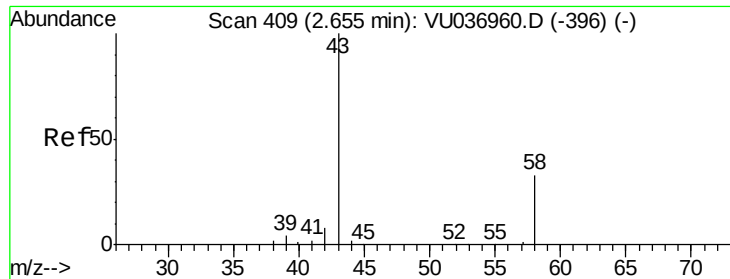
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.300 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036986.D

Acq: 28 Feb 2020 20:25

Instrument :

MSVOA_U

ClientSampleId :

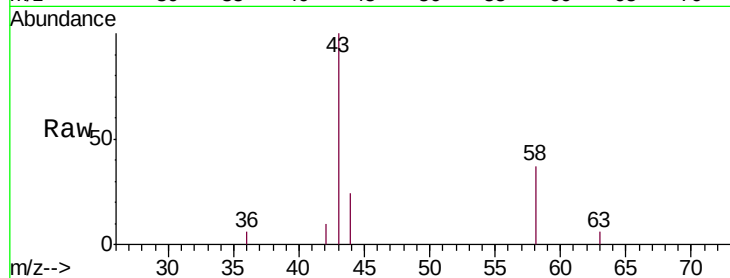
C0AW6

Tgt Ion: 43 Resp: 3248

Ion Ratio Lower Upper

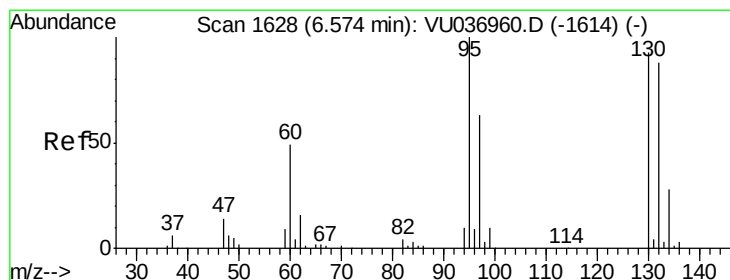
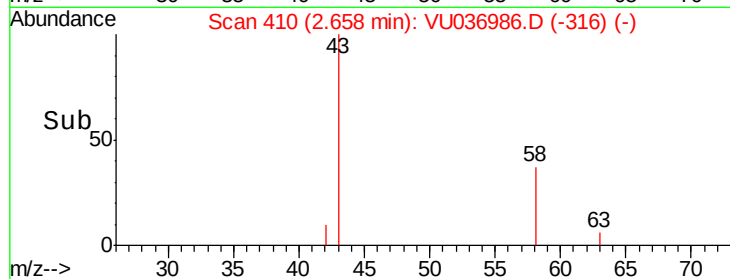
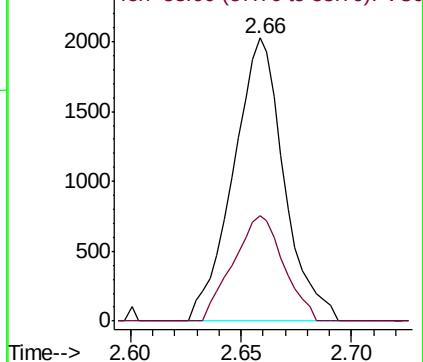
43 100

58 36.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036986.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036986.D (-316) (-)



#34

Trichloroethene

Concen: 7.497 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036986.D

Acq: 28 Feb 2020 20:25

Tgt Ion: 95 Resp: 13298

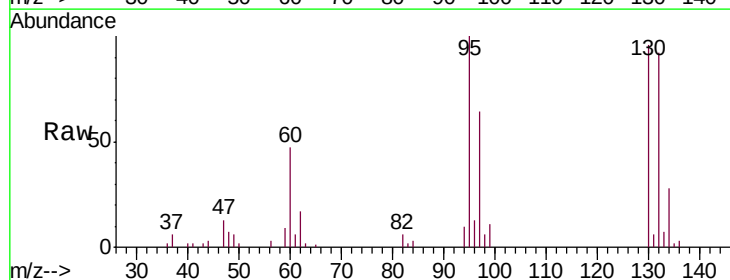
Ion Ratio Lower Upper

95 100

97 63.9 44.1 81.9

132 91.9 60.6 112.6

130 96.3 64.9 120.5

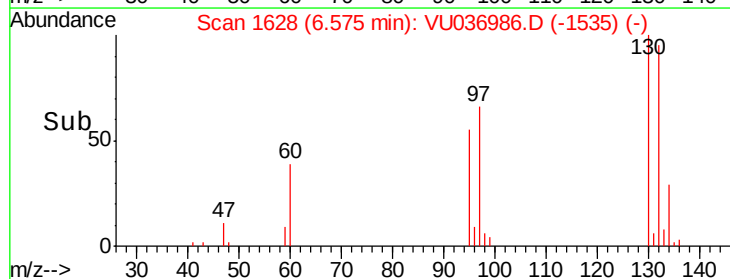
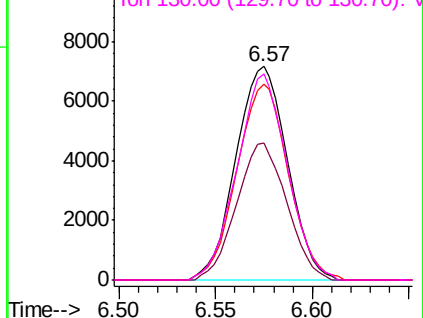


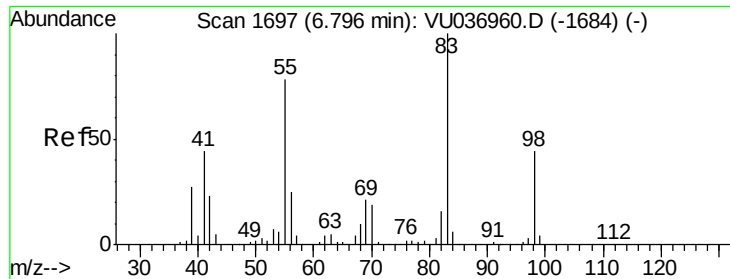
Abundance Ion 95.00 (94.70 to 95.70): VU036986.D (-1535) (-)

Ion 97.00 (96.70 to 97.70): VU036986.D (-1535) (-)

Ion 132.00 (131.70 to 132.70): VU036986.D (-1535) (-)

Ion 130.00 (129.70 to 130.70): VU036986.D (-1535) (-)

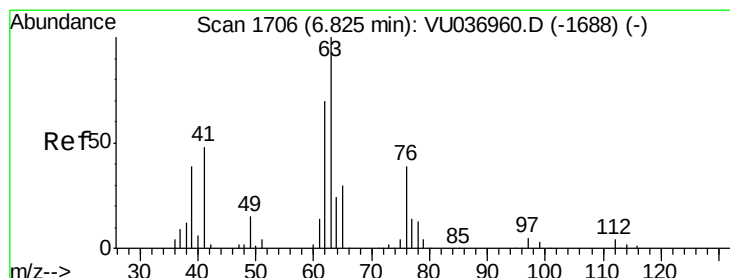
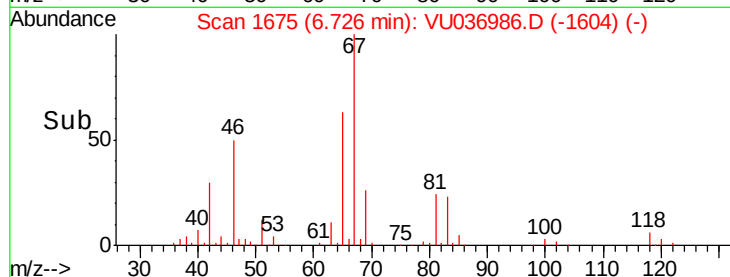
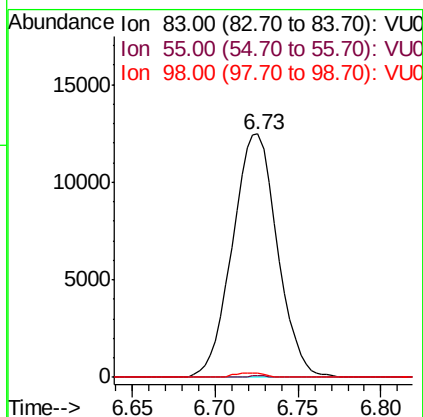
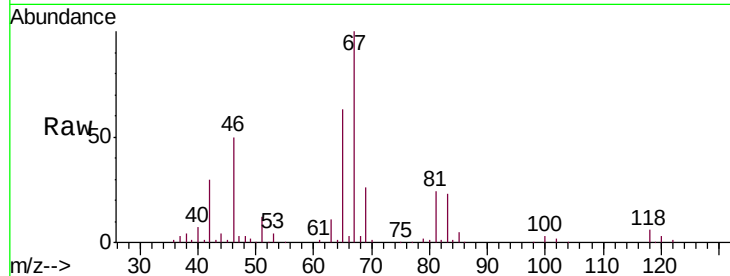




#35
Methylcyclohexane
Concen: 7.634 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
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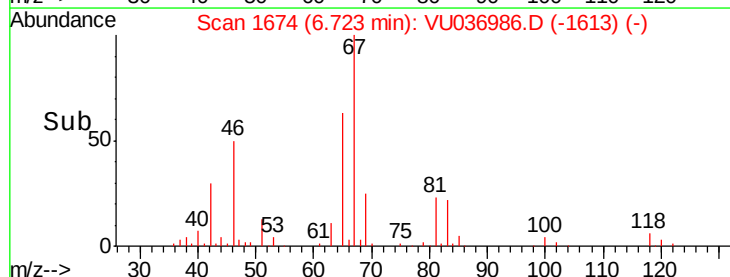
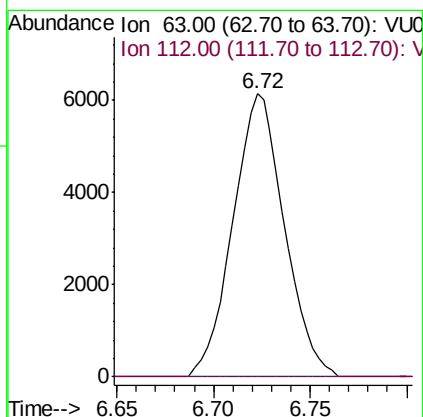
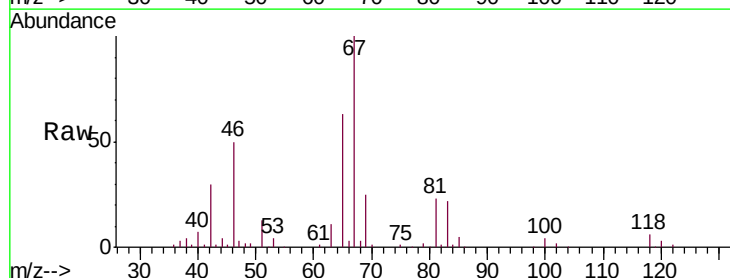
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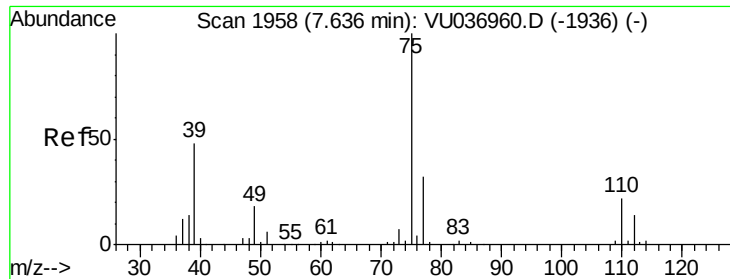
Tgt Ion: 83 Resp: 23477
Ion Ratio Lower Upper
83 100
55 0.3 62.6 93.8#
98 1.2 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 5.832 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036986.D
Acq: 28 Feb 2020 20:25

Tgt Ion: 63 Resp: 11332
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

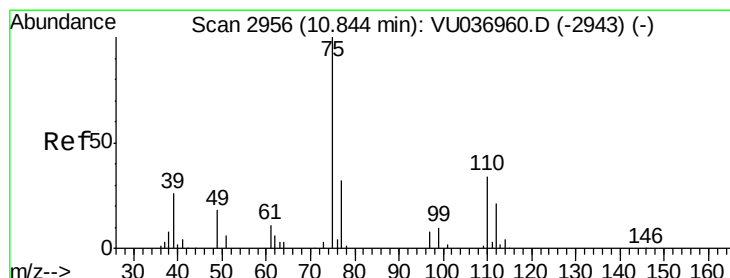
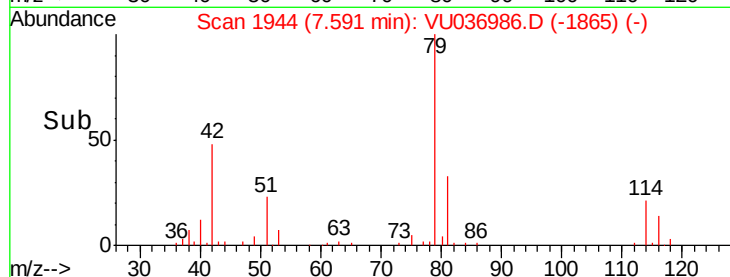
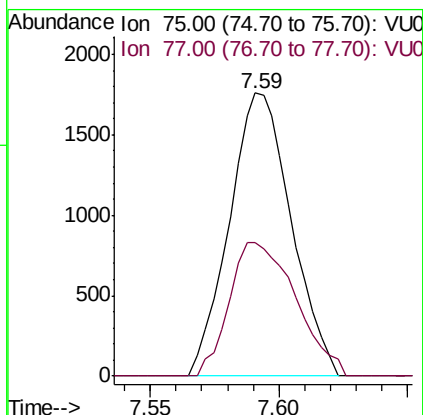
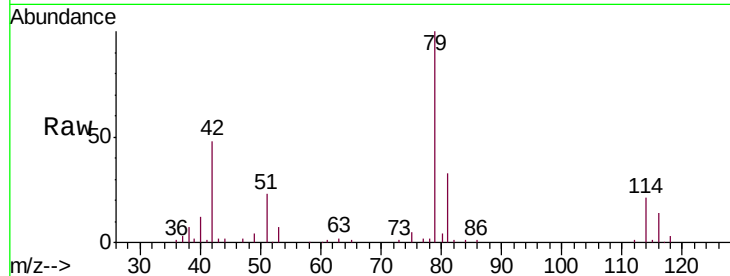




#39
 cis-1,3-Dichloropropene
 Concen: 0.985 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU036986.D
 Acq: 28 Feb 2020 20:25

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW6

Tgt Ion: 75 Resp: 2947
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.271 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036986.D
 Acq: 28 Feb 2020 20:25

Tgt Ion: 75 Resp: 13177
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.2 39.2

