

Data File : VU037336.D
Acq On : 19 Mar 2020 12:53
Operator : JC/MD
Sample : L1983-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA9

Quant Time: Mar 20 02:00:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	161874	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	160370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	66934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31675	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.93	69	30225	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.59	63	46892	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	4.68	46	108428	42.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.10%
24) Chloroform-d	5.11	84	76266	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.74	65	45612	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.76	84	135319	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.73	67	44553	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.92	98	121809	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.21	79	19716	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.67	63	87011	39.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38696	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	47248	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

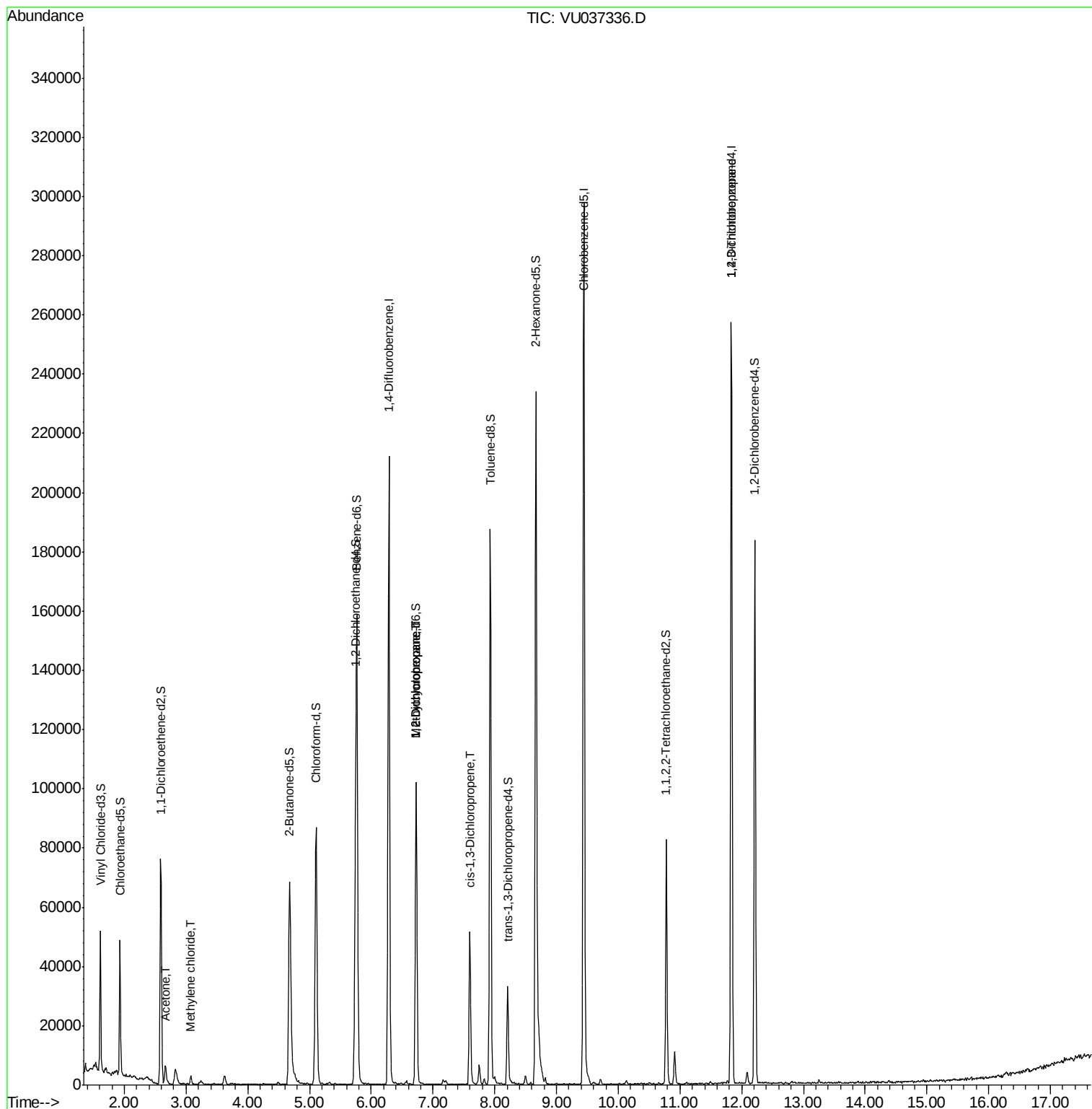
					Qvalue
13) Acetone	2.66	43	8072	3.745 ug/L	95
16) Methylene chloride	3.08	84	1144	0.092 ug/L #	57
35) Methylcyclohexane	6.73	83	10766	0.541 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	5650	0.444 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1761	0.092 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	8650	0.956 ug/L #	84

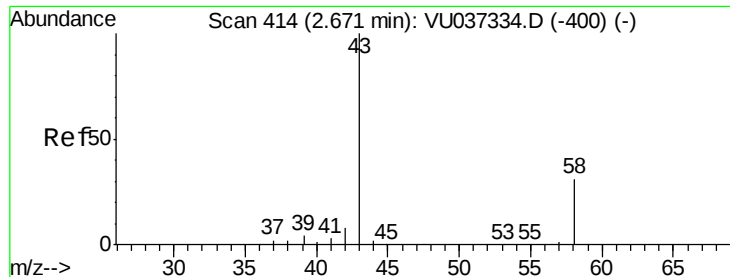
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.745 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

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Acq: 19 Mar 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

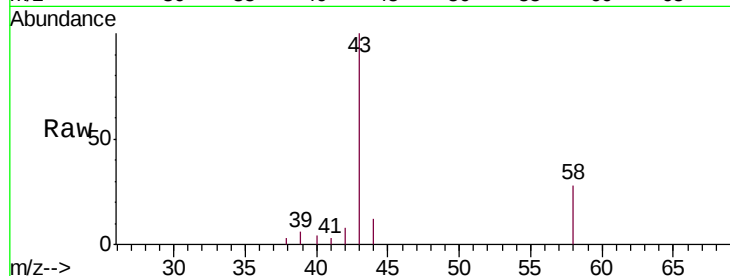
C0AA9

Tgt Ion: 43 Resp: 8072

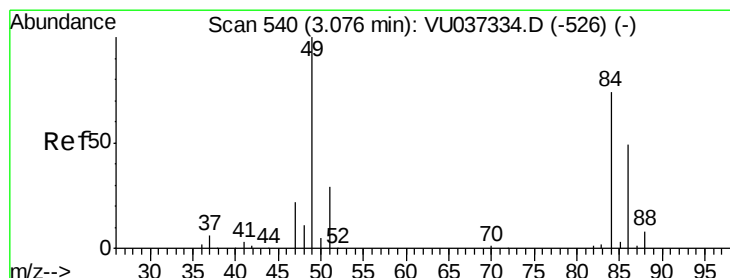
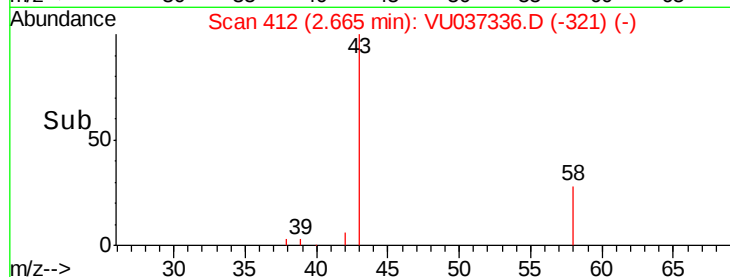
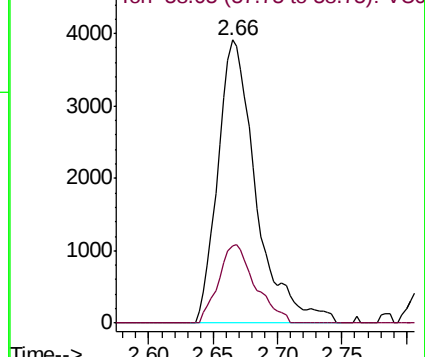
Ion Ratio Lower Upper

43 100

58 26.5 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VU037336.D (-321) (-)



#16

Methylene chloride

Concen: 0.092 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU037336.D

Acq: 19 Mar 2020 12:53

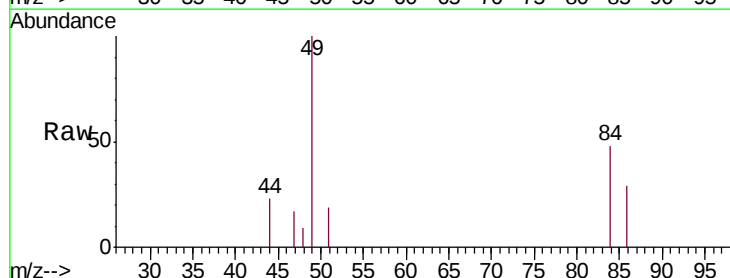
Tgt Ion: 84 Resp: 1144

Ion Ratio Lower Upper

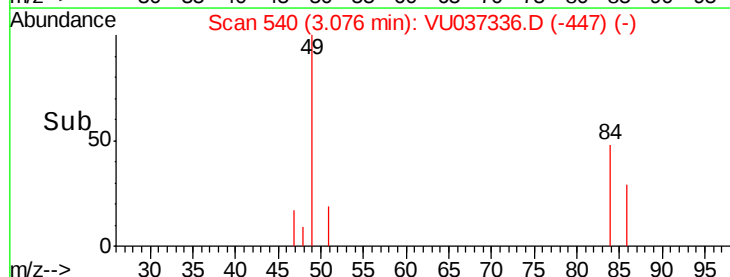
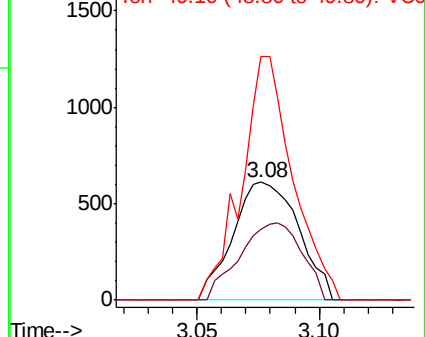
84 100

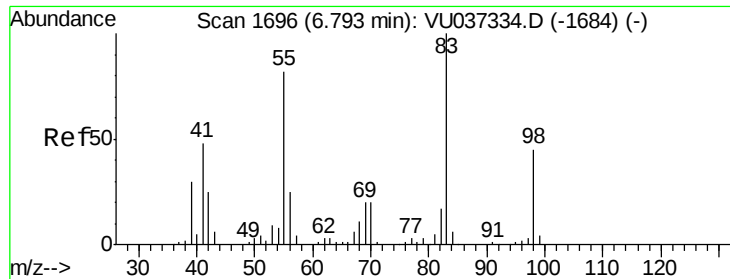
86 59.9 45.2 84.0

49 206.5 94.4 175.4#



Abundance Ion 84.05 (83.75 to 84.75): VU037336.D (-447) (-)

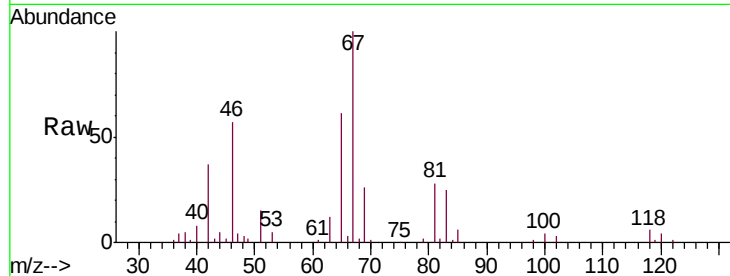




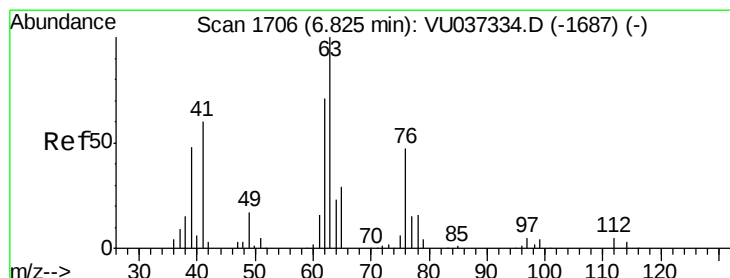
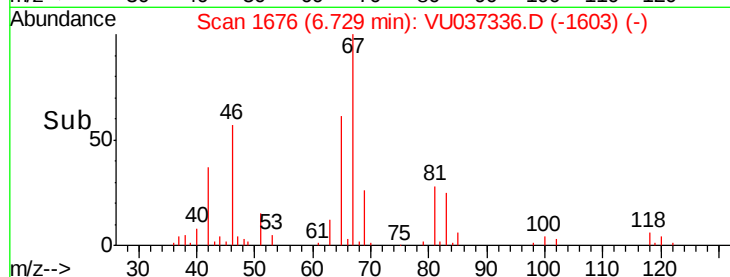
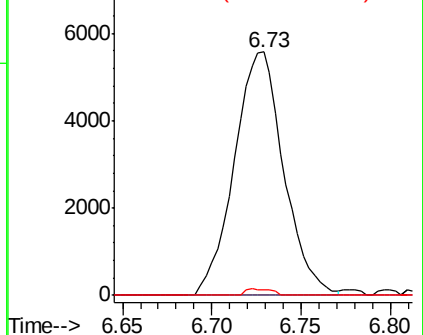
#35
Methylcyclohexane
Concen: 0.541 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.06 min
Lab File: VU037336.D
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Instrument :
MSVOA_U
ClientSampleId :
C0AA9

Tgt Ion: 83 Resp: 10766
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 1.4 37.4 56.0#

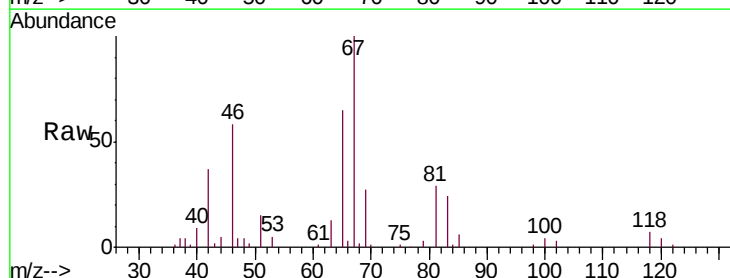


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

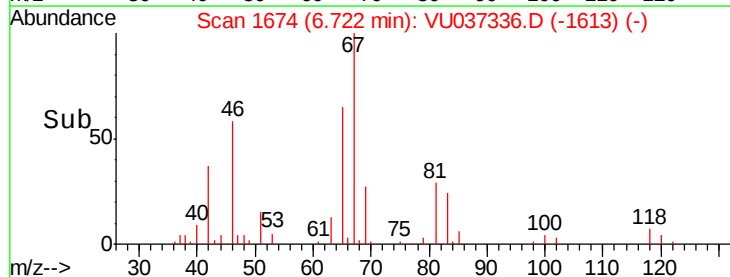
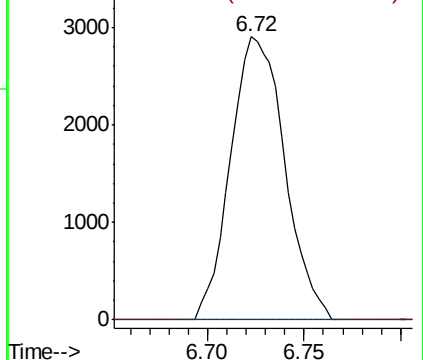


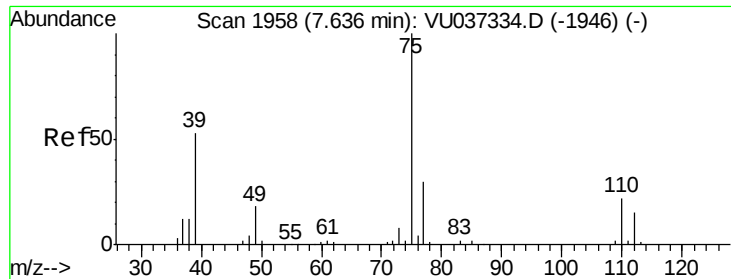
#37
1,2-Dichloropropane
Concen: 0.444 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037336.D
Acq: 19 Mar 2020 12:53

Tgt Ion: 63 Resp: 5650
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

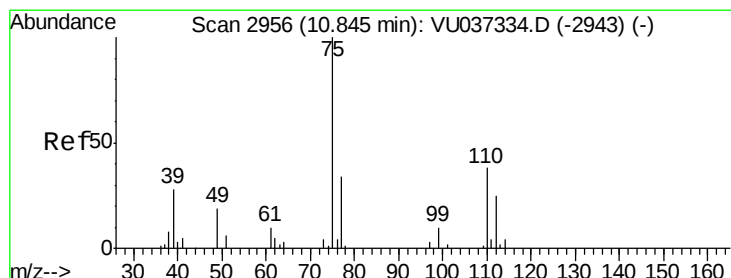
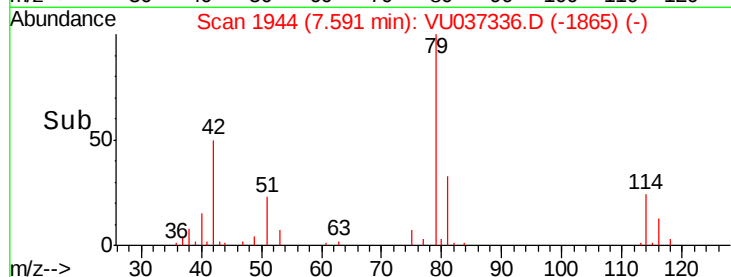
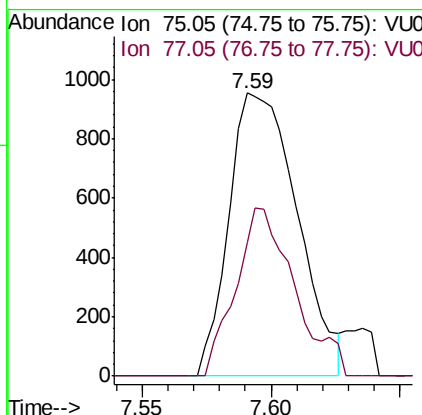
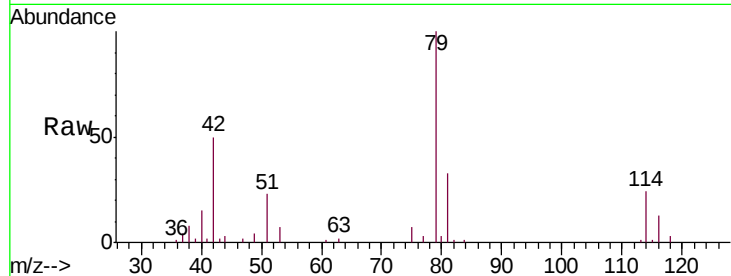




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037336.D
 Acq: 19 Mar 2020 12:53

Instrument :
 MSVOA_U
 ClientSampled :
 C0AA9

Tgt Ion: 75 Resp: 1761
 Ion Ratio Lower Upper
 75 100
 77 47.4 23.0 42.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.956 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU037336.D
 Acq: 19 Mar 2020 12:53

Tgt Ion: 75 Resp: 8650
 Ion Ratio Lower Upper
 75 100
 77 41.8 26.4 39.6#

