

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090420\
 Data File : VU040043.D
 Acq On : 04 Sep 2020 13:37
 Operator : SY/MD
 Sample : L3891-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 05 02:59:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 05 02:51:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	111459	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108746	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27797	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.92	69	25441	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	49968	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.65	46	132635	54.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	5.08	84	72267	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.72	65	45473	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.75	84	132199	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.70	67	43618	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.91	98	112504	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.19	79	18113	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.64	63	96487	52.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38670	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	43115	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

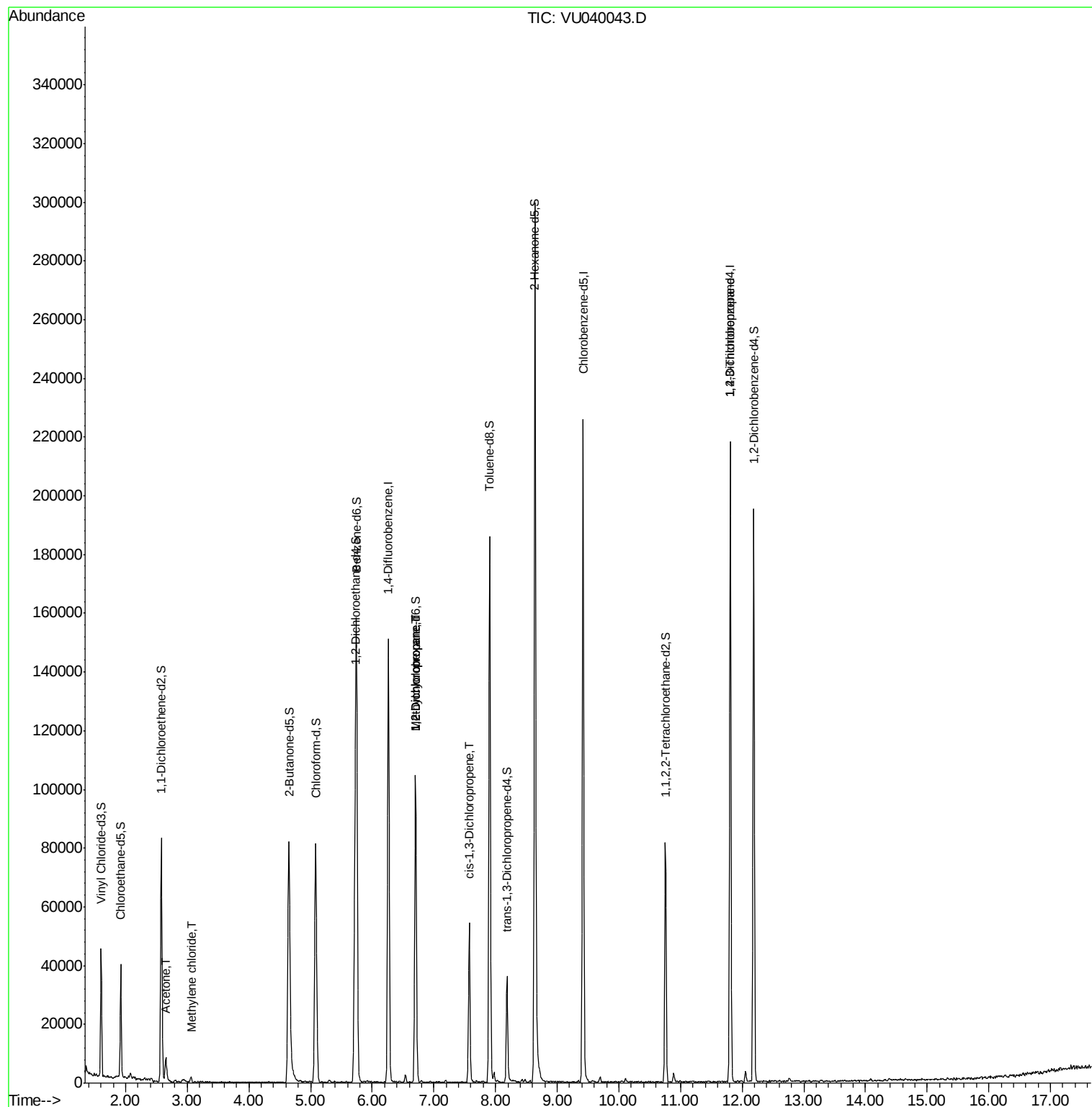
					Ovalue
13) Acetone	2.65	43	10862	4.820	ug/L 99
16) Methylene chloride	3.06	84	900	0.080	ug/L 91
35) Methylcyclohexane	6.70	83	10692	0.669	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5725	0.543	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1314	0.085	ug/L 87
59) 1,2,3-Trichloropropane	11.81	75	7853	1.006	ug/L # 81

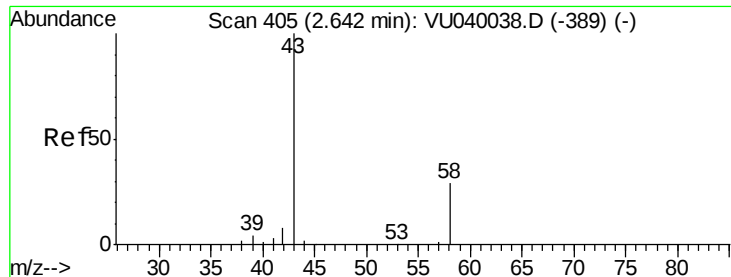
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.820 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.01 min

Lab File: VU040043.D

Acq: 04 Sep 2020 13:37

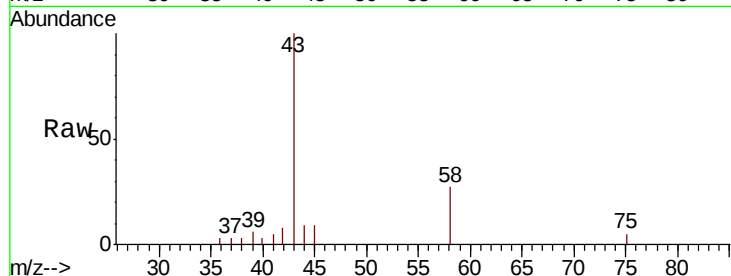
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 10862

Ion Ratio Lower Upper

43 100

58 27.0 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040043.D (-312) (-)

Ion 58.05 (57.75 to 58.75): VU040043.D (-312) (-)

2.65

5000

4000

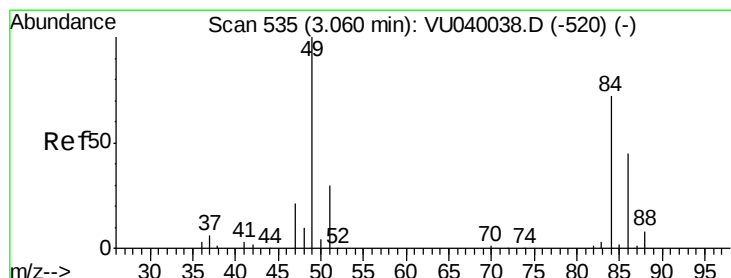
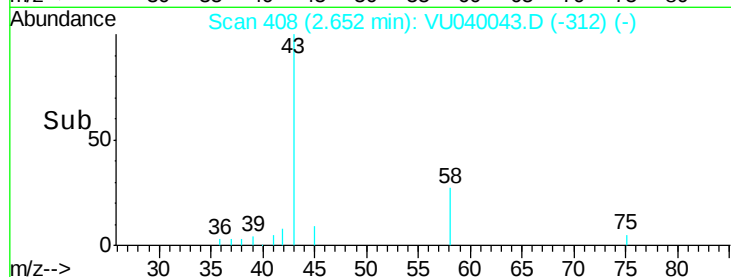
3000

2000

1000

0

Time--> 2.55 2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.080 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040043.D

Acq: 04 Sep 2020 13:37

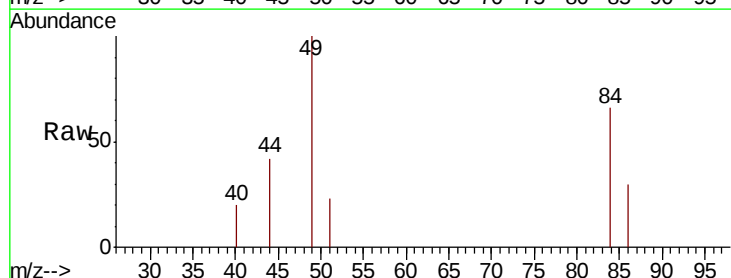
Tgt Ion: 84 Resp: 900

Ion Ratio Lower Upper

84 100

86 46.2 45.2 84.0

49 151.7 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU040043.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU040043.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU040043.D (-442) (-)

1000

800

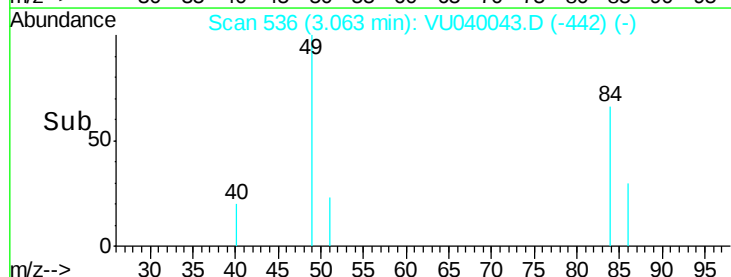
600

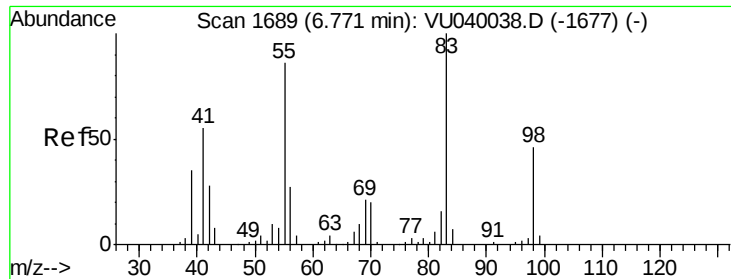
400

200

0

Time--> 3.02 3.04 3.06 3.08 3.10

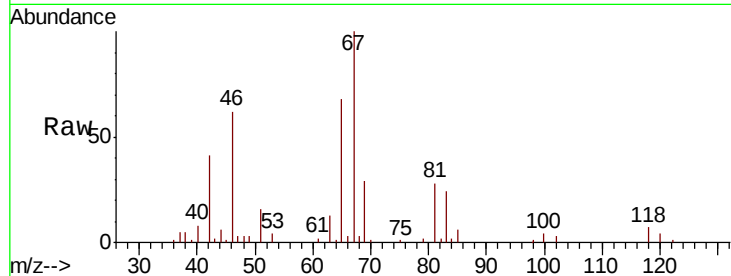




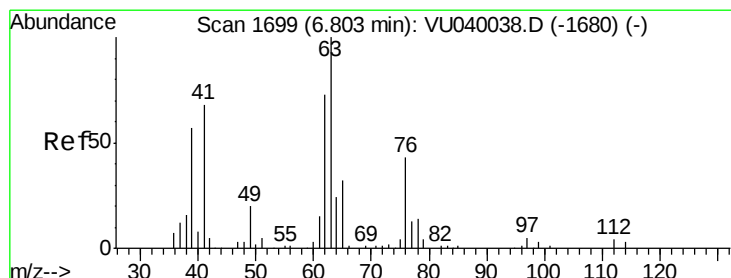
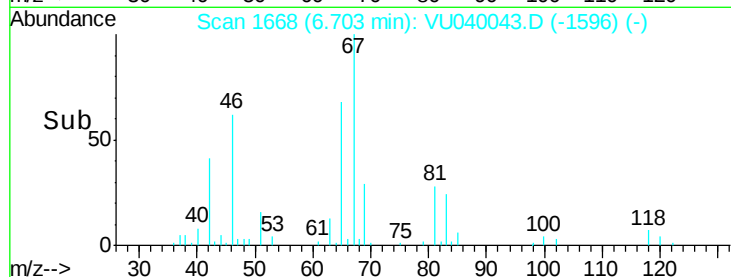
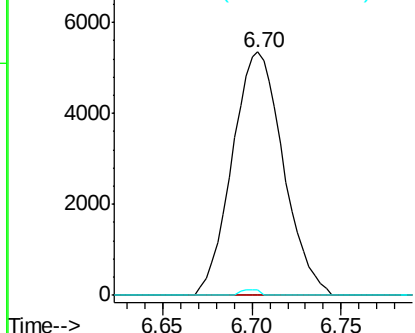
#35
Methvlcvclohexane
Concen: 0.669 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040043.D
Acq: 04 Sep 2020 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10692
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.9 37.8 56.6#

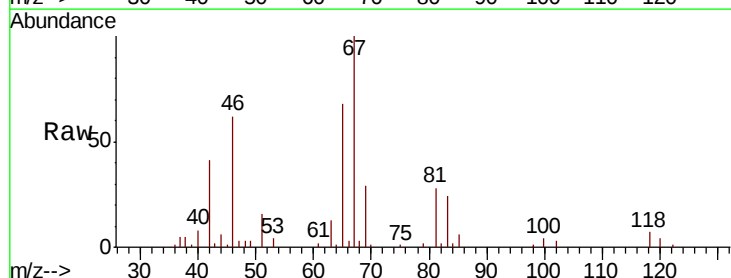


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

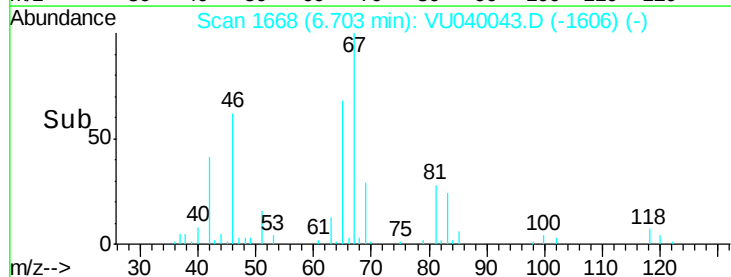
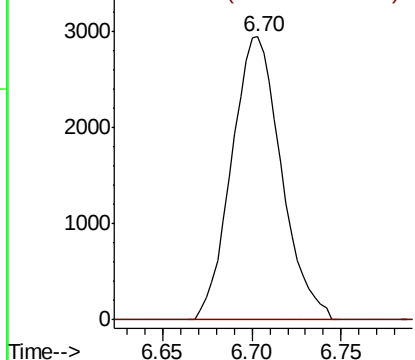


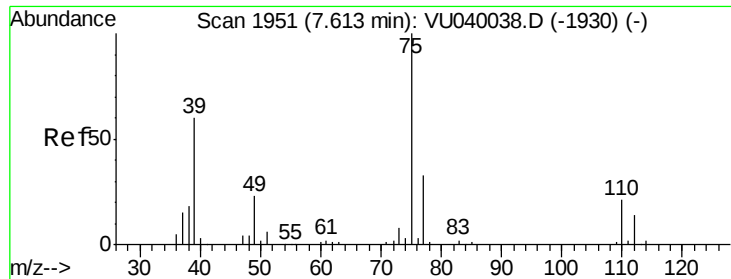
#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040043.D
Acq: 04 Sep 2020 13:37

Tgt Ion: 63 Resp: 5725
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

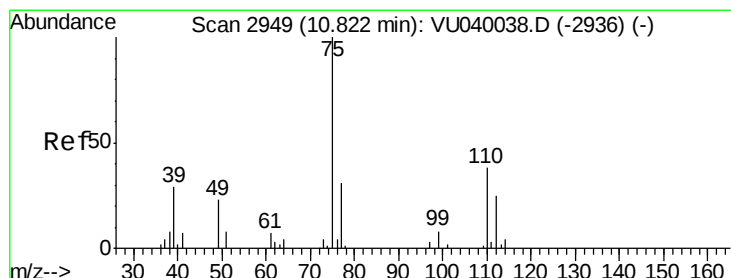
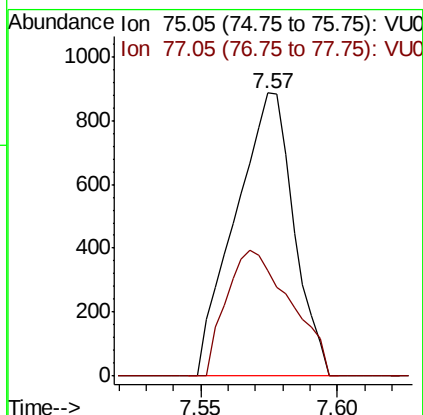
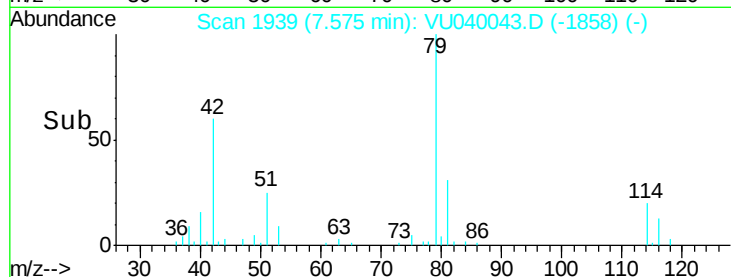
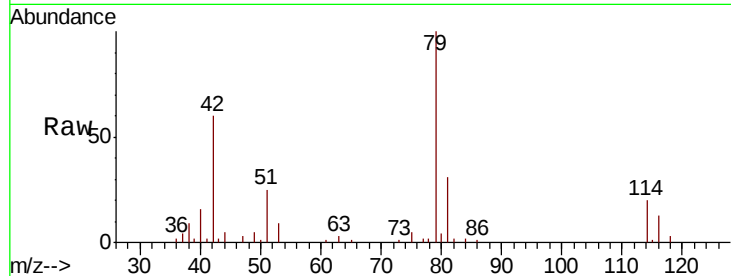




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040043.D
 Acq: 04 Sep 2020 13:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 1314
 Ion Ratio Lower Upper
 75 100
 77 37.2 21.1 39.3



#59
 1,2,3-Trichloropropane
 Concen: 1.006 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040043.D
 Acq: 04 Sep 2020 13:37

Tgt Ion: 75 Resp: 7853
 Ion Ratio Lower Upper
 75 100
 77 41.6 24.9 37.3#

