

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090420\
 Data File : VU040042.D
 Acq On : 04 Sep 2020 13:13
 Operator : SY/MD
 Sample : L3891-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 05 02:59:00 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	122485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120942	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29337	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.92	69	27492	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	52400	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.65	46	137948	51.57	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	5.08	84	75907	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	46558	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.75	84	140140	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	46185	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	117180	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	19489	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	99977	49.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40878	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47333	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

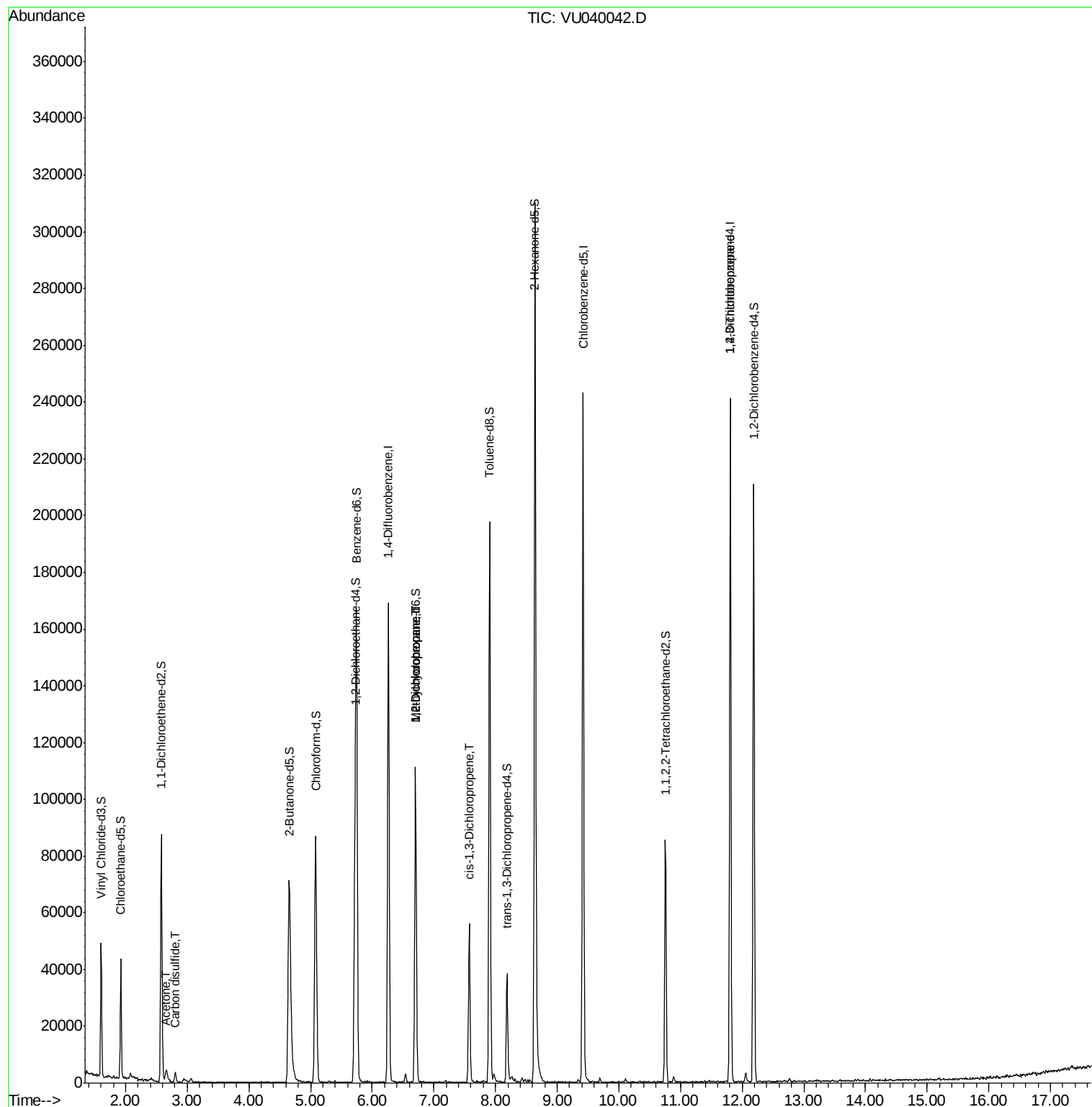
					Ovalue
13) Acetone	2.66	43	5361	2.165 ug/L	90
14) Carbon disulfide	2.81	76	4066	0.134 ug/L #	82
35) Methylcyclohexane	6.70	83	11210	0.631 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5975	0.510 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1534	0.089 ug/L #	42
59) 1,2,3-Trichloropropane	11.81	75	9069	1.045 ug/L #	85

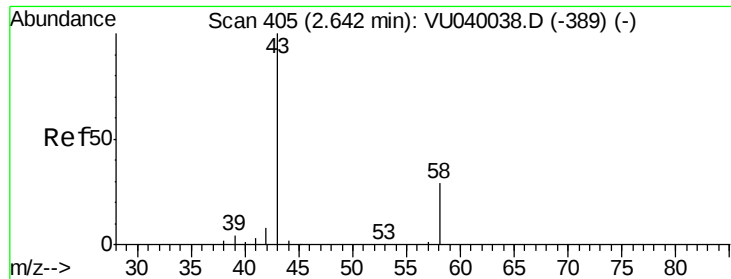
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 05 02:51:46 2020
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#13

Acetone

Concen: 2.165 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.01 min

Lab File: VU040042.D

Acq: 04 Sep 2020 13:13

Instrument :

MSVOA_U

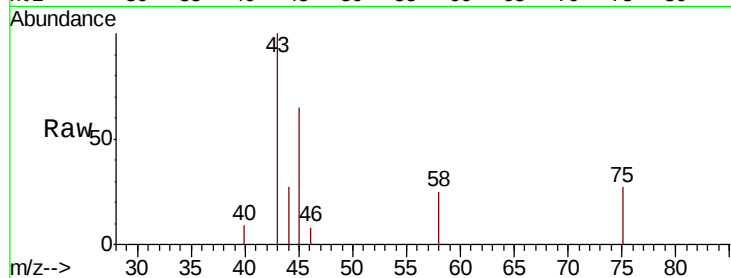
ClientSampleId :

Tot Ion: 43 Resp: 5361

Ion Ratio Lower Upper

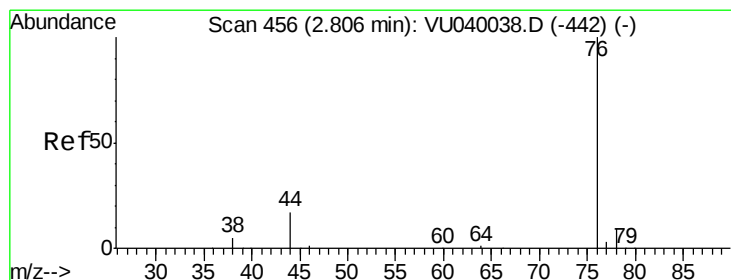
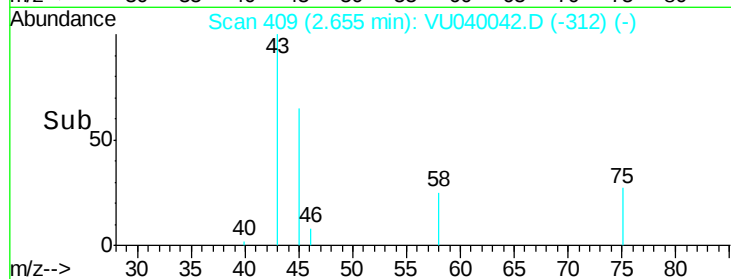
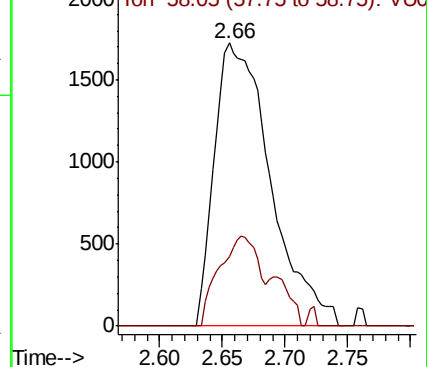
43 100

58 22.4 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.134 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040042.D

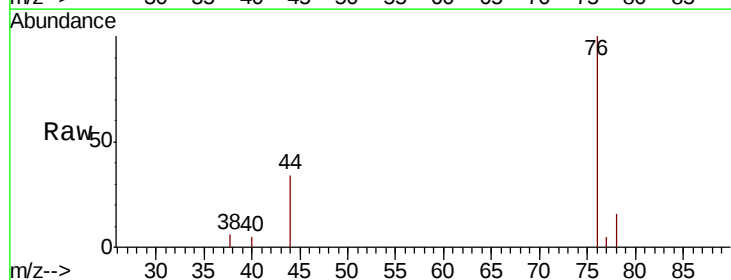
Acq: 04 Sep 2020 13:13

Tgt Ion: 76 Resp: 4066

Ion Ratio Lower Upper

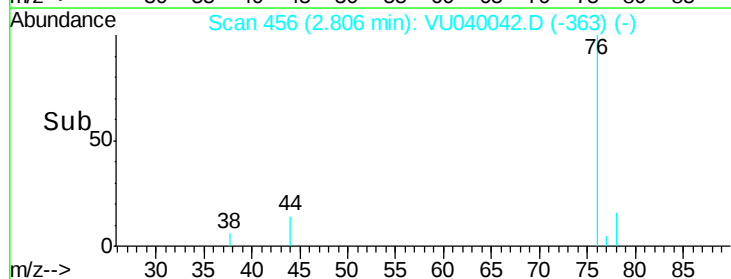
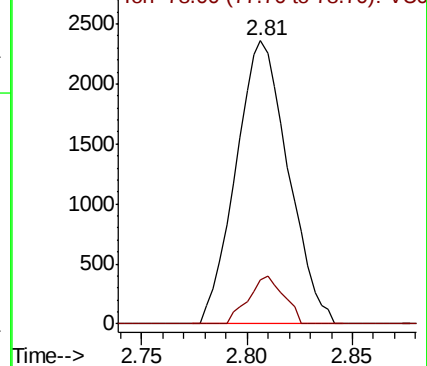
76 100

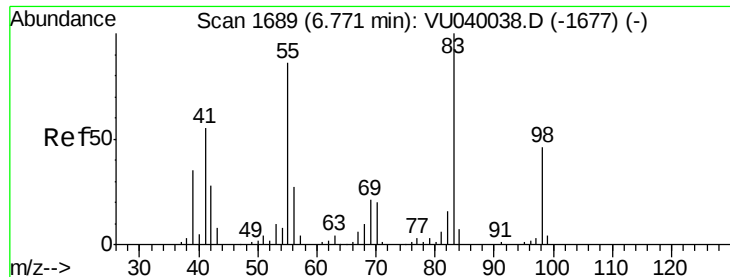
78 15.5 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

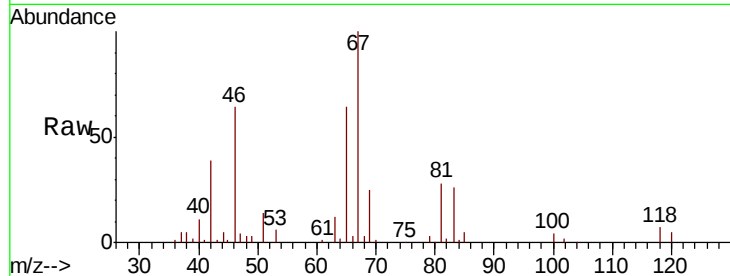




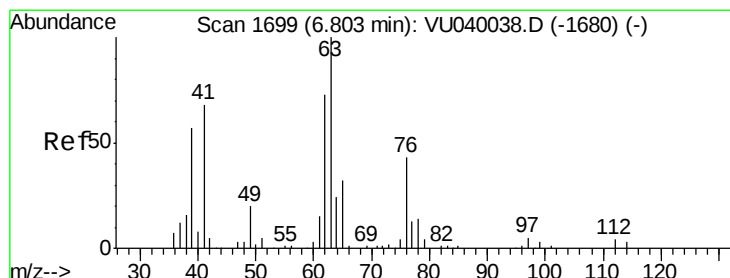
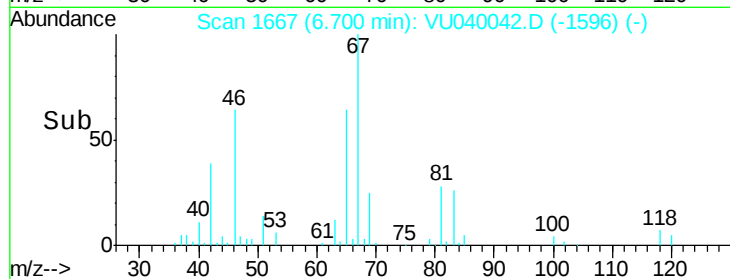
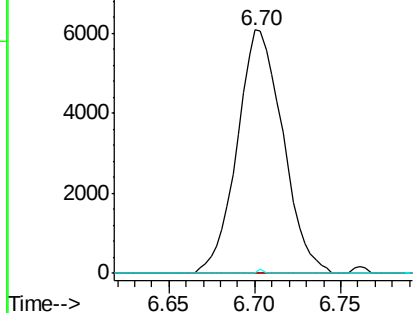
#35
Methvlcvclohexane
Concen: 0.631 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040042.D
Acq: 04 Sep 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11210
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.2 37.8 56.6#

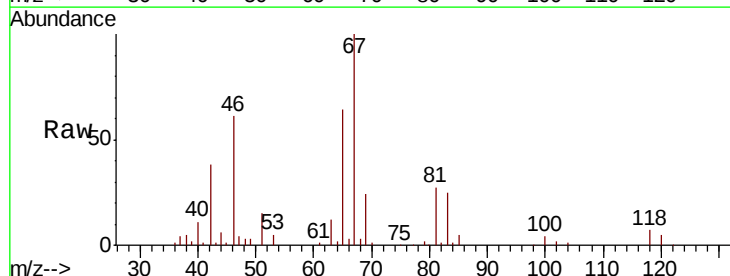


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

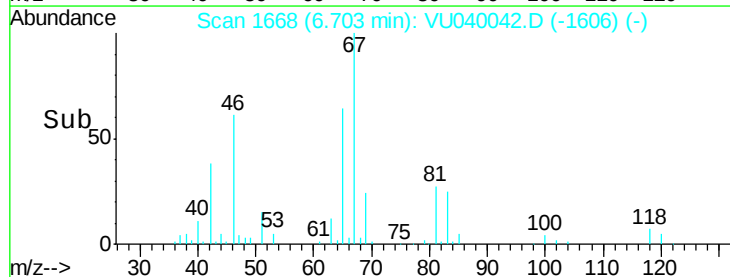
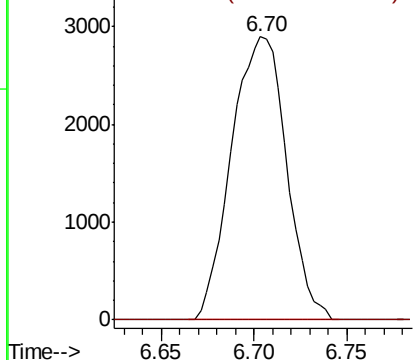


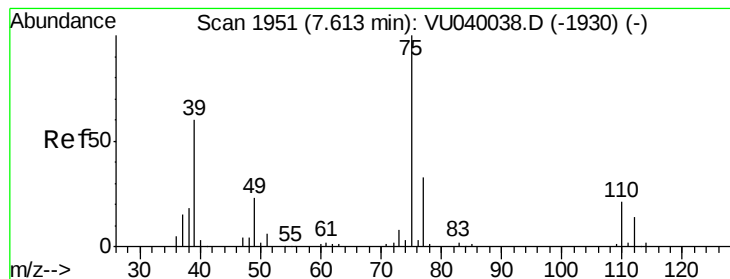
#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040042.D
Acq: 04 Sep 2020 13:13

Tgt Ion: 63 Resp: 5975
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



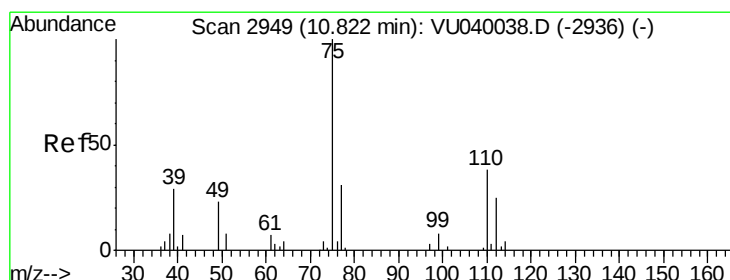
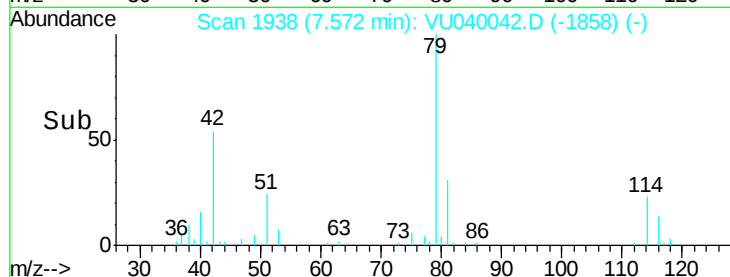
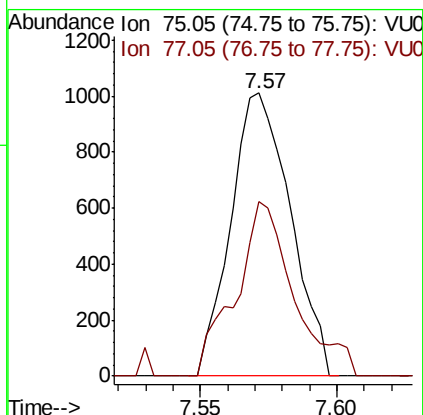
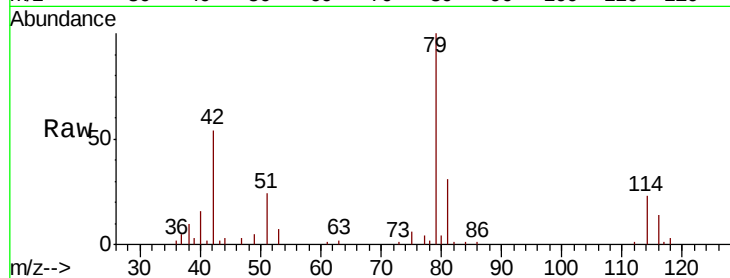


#39

cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040042.D
 Acq: 04 Sep 2020 13:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 1534
 Ion Ratio Lower Upper
 75 100
 77 61.6 21.1 39.3#



#59

1,2,3-Trichloropropane
 Concen: 1.045 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040042.D
 Acq: 04 Sep 2020 13:13

Tgt Ion: 75 Resp: 9069
 Ion Ratio Lower Upper
 75 100
 77 39.5 24.9 37.3#

