

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038630.D
 Acq On : 06 Jun 2020 20:21
 Operator : SY/MD
 Sample : L2912-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D50

Quant Time: Jun 07 04:05:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316210	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	148061	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60871	2.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.40%
7) Chloroethane-d5	1.93	69	62417	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.59	63	108816	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.68	46	340184	54.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.44%
24) Chloroform-d	5.10	84	173809	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.74	65	104808	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	344231	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.72	67	109034	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.92	98	283848	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.20	79	41880	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.65	63	284052	56.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101977	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	125923	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

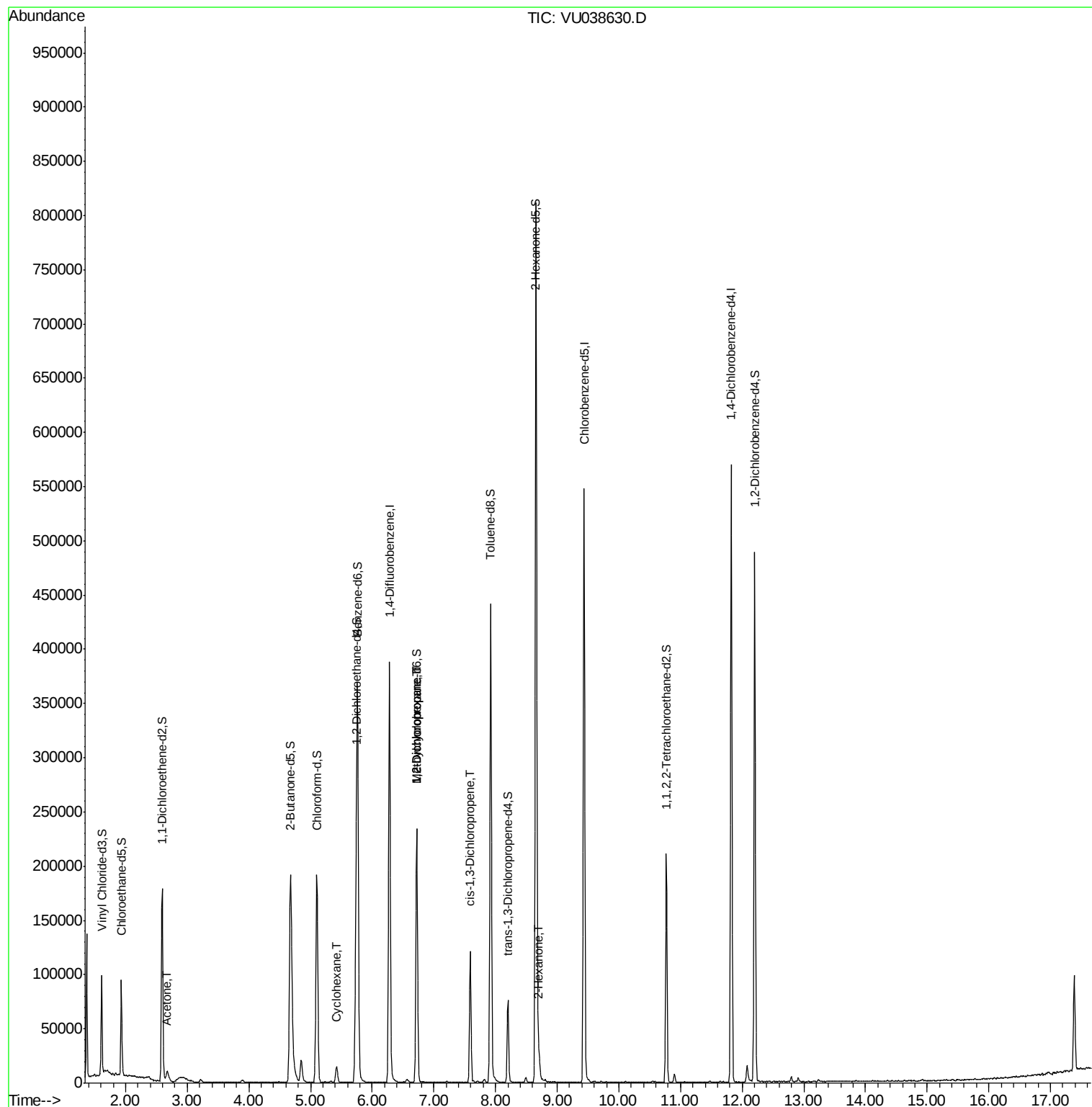
					Ovalue
13) Acetone	2.67	43	17056	4.192	ug/L 99
30) Cyclohexane	5.42	56	7583	0.222	ug/L 98
35) Methylcyclohexane	6.72	83	26091	0.757	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	12328	0.571	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2650	0.083	ug/L # 37
48) 2-Hexanone	8.71	43	10645	0.911	ug/L 92

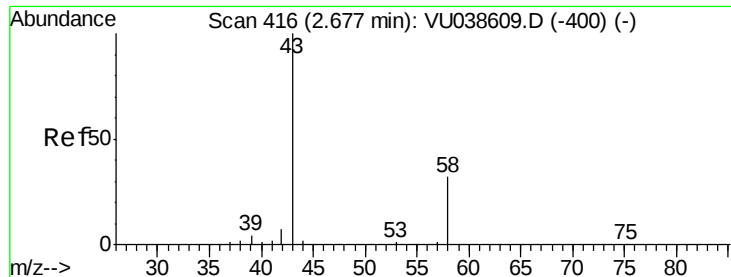
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.192 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038630.D

Acq: 06 Jun 2020 20:21

Instrument :

MSVOA_U

ClientSampleId :

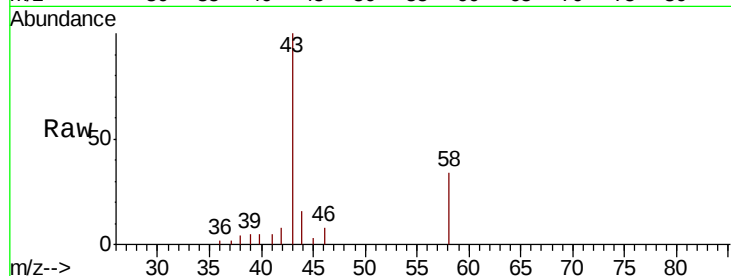
F9D50

Tot Ion: 43 Resp: 17056

Ion Ratio Lower Upper

43 100

58 33.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038630.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU038630.D (-323) (-)

2.67

6000

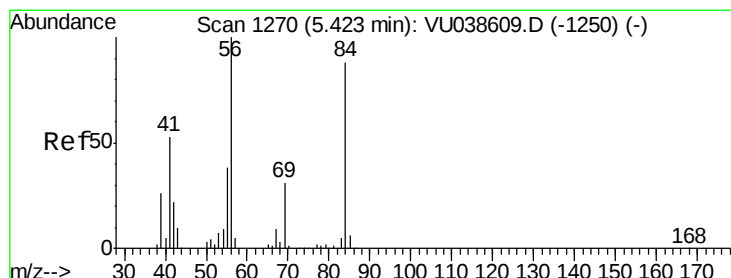
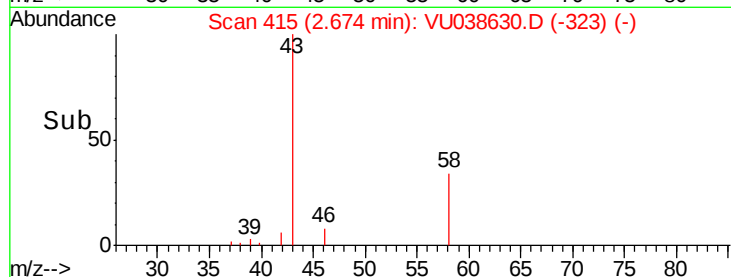
4000

2000

0

2.60 2.70 2.80

Time-->



#30

Cyclohexane

Concen: 0.222 ug/L

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU038630.D

Acq: 06 Jun 2020 20:21

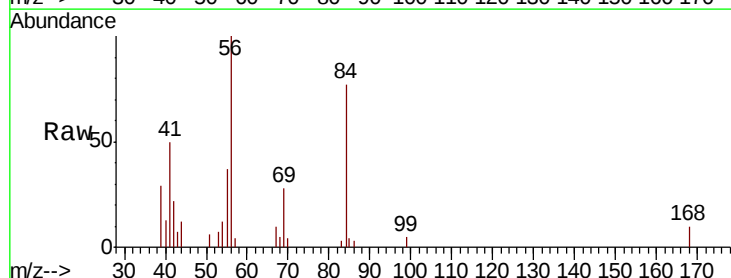
Tgt Ion: 56 Resp: 7583

Ion Ratio Lower Upper

56 100

69 28.7 24.2 36.4

84 87.3 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038630.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038630.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038630.D (-1177) (-)

5.42

4000

3000

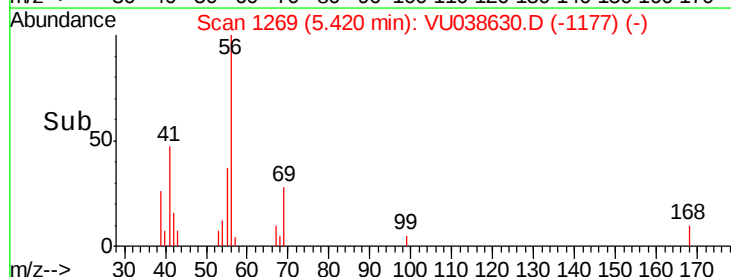
2000

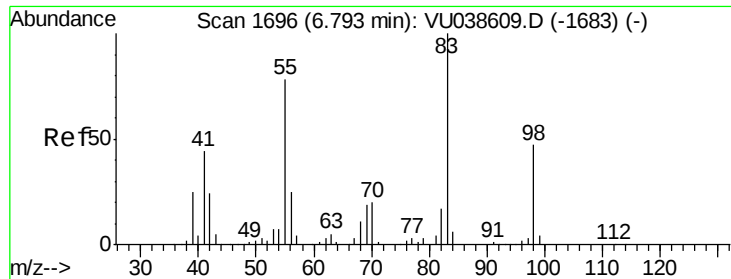
1000

0

5.35 5.40 5.45 5.50

Time-->

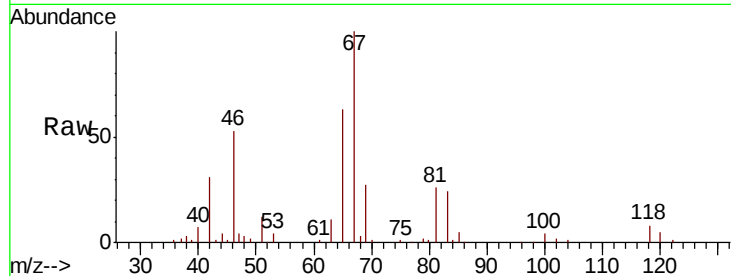




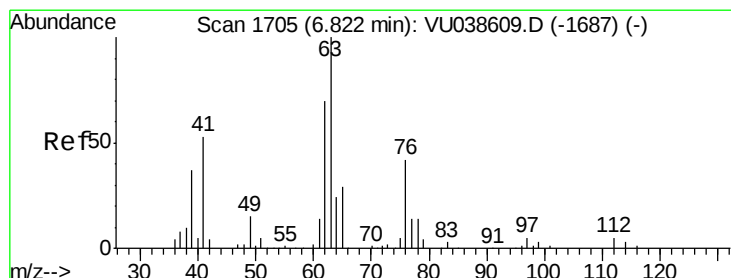
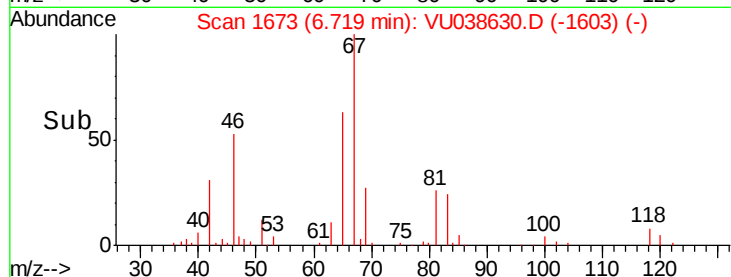
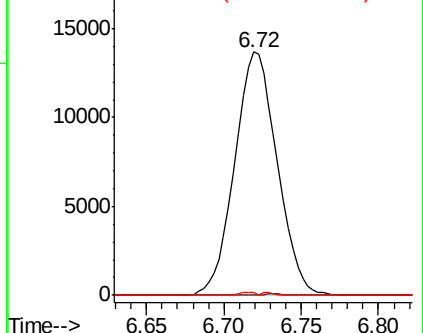
#35
Methvlcvclohexane
Concen: 0.757 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038630.D
Acq: 06 Jun 2020 20:21

Instrument :
MSVOA_U
ClientSampleId :
F9D50

Tot Ion: 83 Resp: 26091
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.5 39.0 58.4#

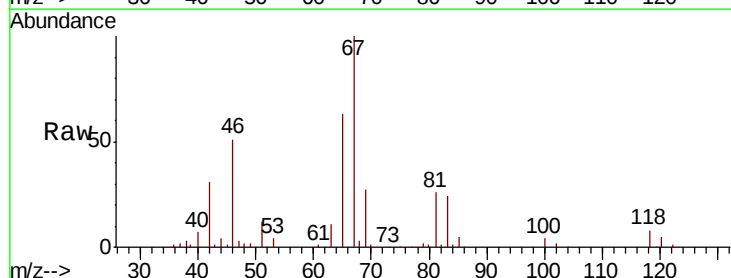


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

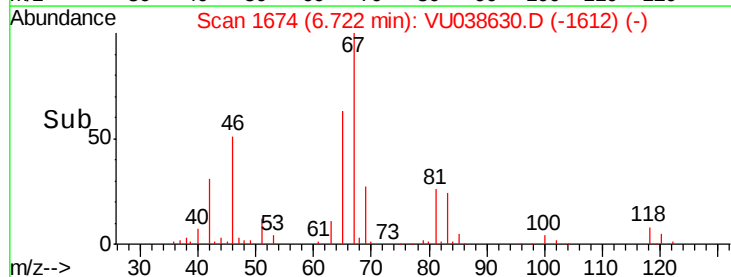
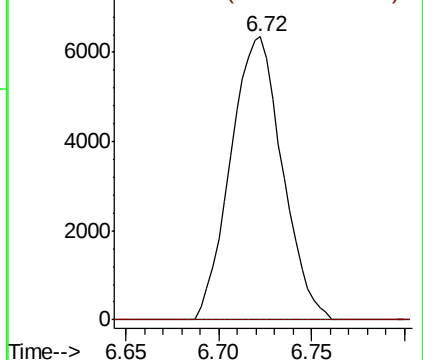


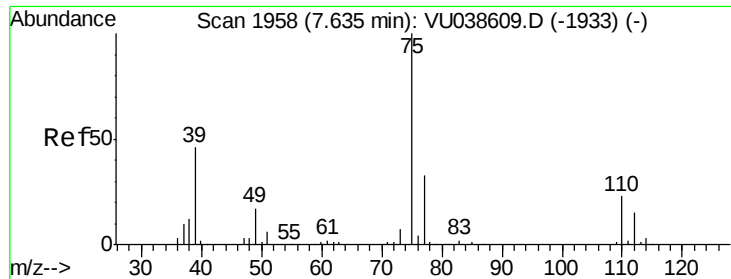
#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038630.D
Acq: 06 Jun 2020 20:21

Tgt Ion: 63 Resp: 12328
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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

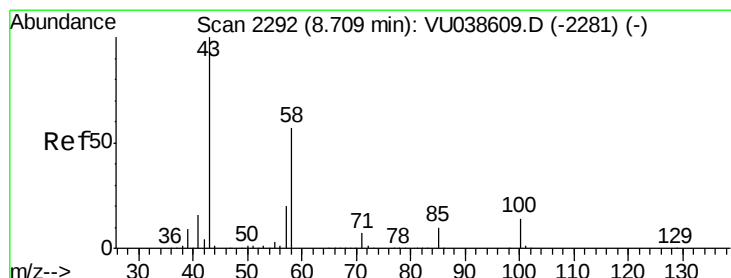
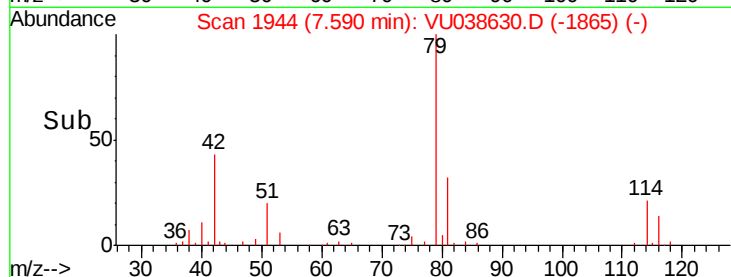
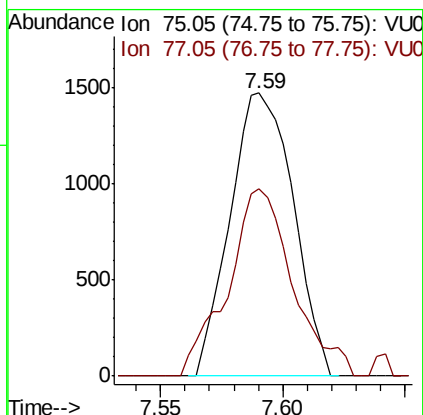
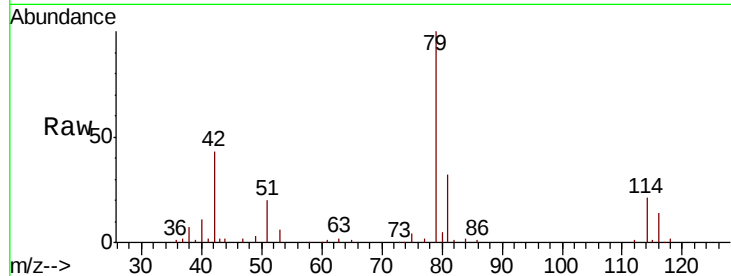




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038630.D
 Acq: 06 Jun 2020 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D50

Tot Ion: 75 Resp: 2650
 Ion Ratio Lower Upper
 75 100
 77 66.2 21.9 40.7#



#48
 2-Hexanone
 Concen: 0.911 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU038630.D
 Acq: 06 Jun 2020 20:21

Tgt Ion: 43 Resp: 10645
 Ion Ratio Lower Upper
 43 100
 58 48.6 45.4 68.0
 57 18.9 15.9 23.9
 100 10.7 10.5 15.7

