

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038526.D
 Acq On : 03 Jun 2020 20:07
 Operator : SY/MD
 Sample : L2844-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF7

Quant Time: Jun 04 01:51:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	289027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	58487	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.93	69	61193	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.59	63	101805	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.67	46	336759	59.26	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.52%
24) Chloroform-d	5.10	84	179441	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.74	65	107367	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.76	84	340779	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	112007	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.92	98	283264	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	43462	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.65	63	290234	62.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103860	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	125779	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

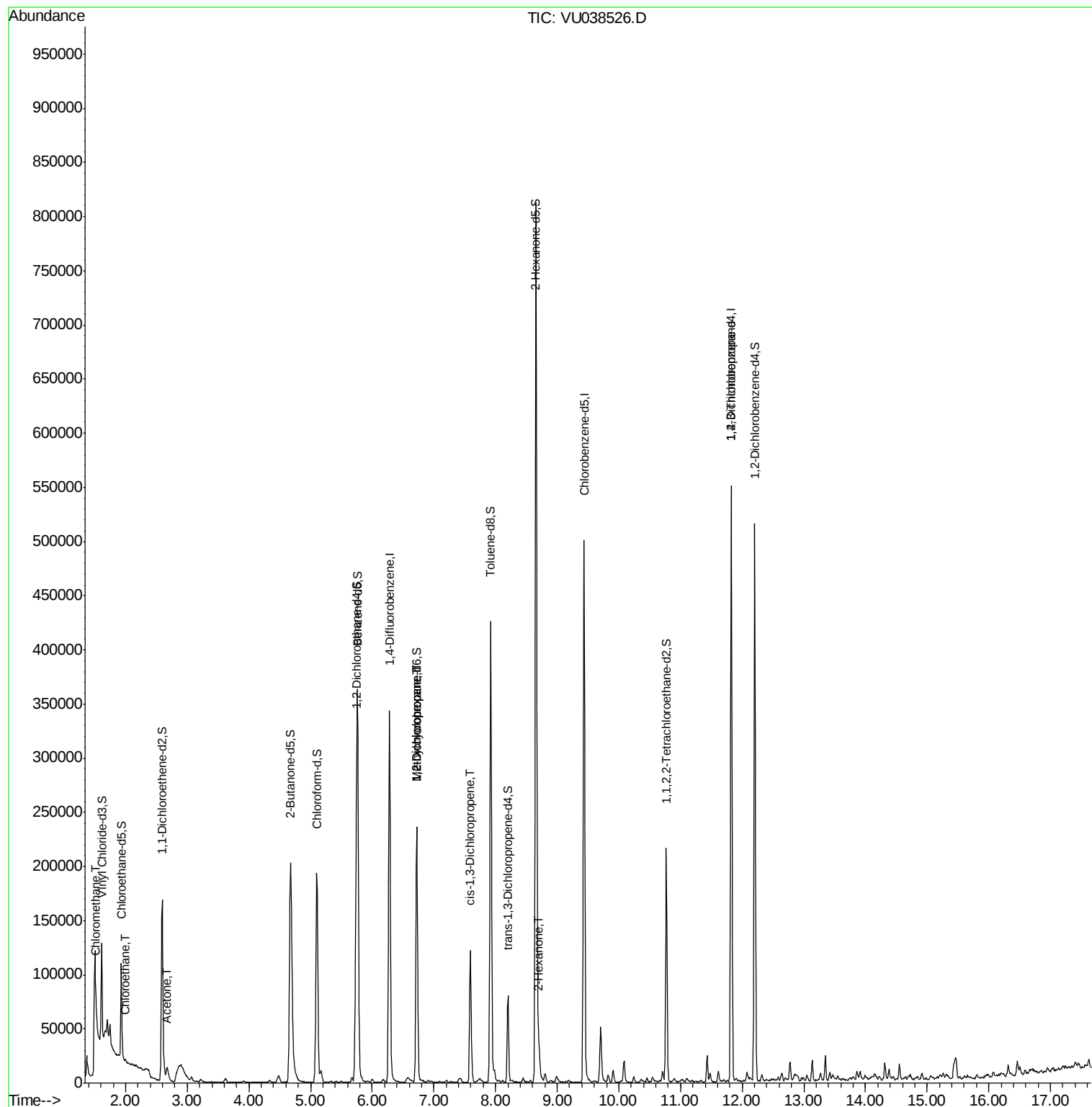
					Ovalue
3) Chloromethane	1.53	50	3298	0.158 ug/L #	81
8) Chloroethane	1.99	64	1223	0.091 ug/L #	54
13) Acetone	2.67	43	23602	6.347 ug/L	99
35) Methylcyclohexane	6.72	83	27244	0.854 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11911	0.597 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2927	0.099 ug/L #	33
48) 2-Hexanone	8.71	43	13860	1.282 ug/L #	93
59) 1,2,3-Trichloropropane	11.82	75	17341	1.164 ug/L #	84

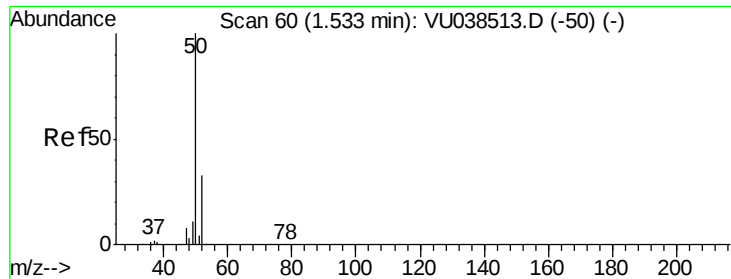
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.158 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038526.D

Acq: 03 Jun 2020 20:07

Instrument :

MSVOA_U

ClientSampleId :

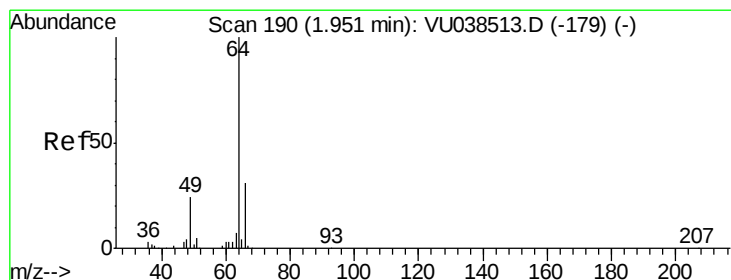
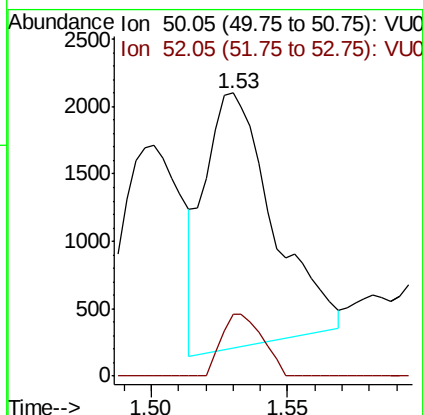
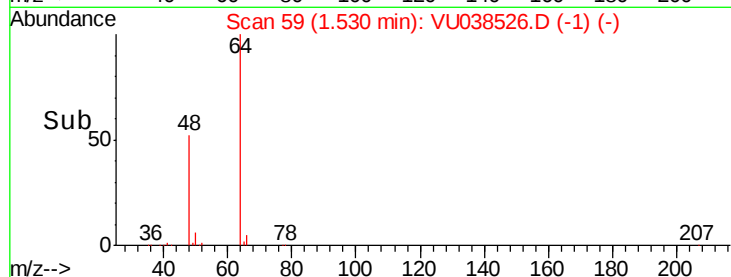
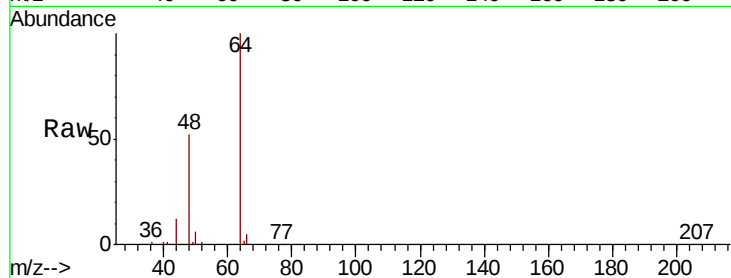
C0AF7

Tot Ion: 50 Resp: 3298

Ion Ratio Lower Upper

50 100

52 21.9 22.9 42.5#



#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.99 min Scan# 202

Delta R.T. 0.04 min

Lab File: VU038526.D

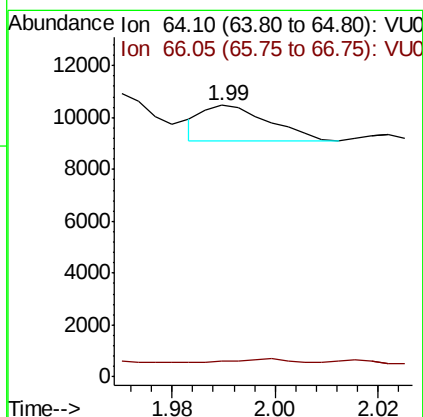
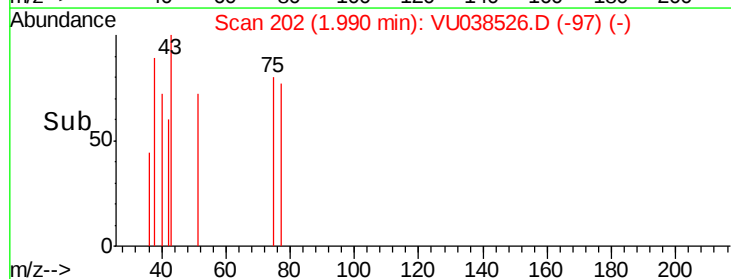
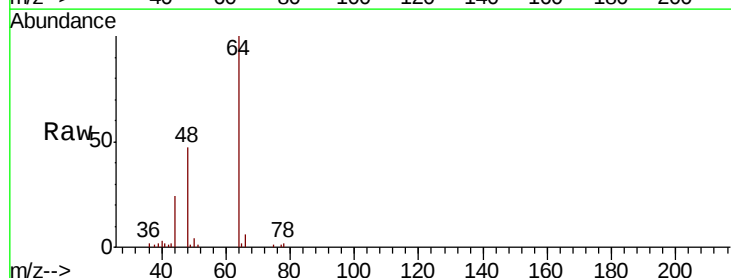
Acq: 03 Jun 2020 20:07

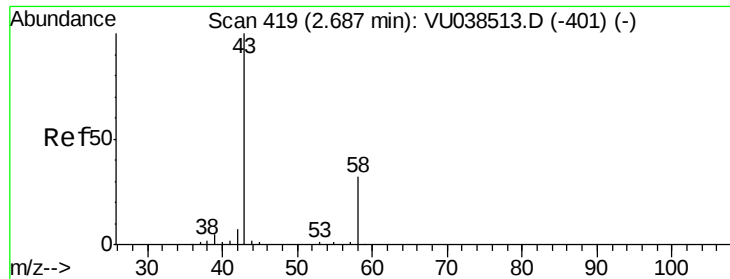
Tgt Ion: 64 Resp: 1223

Ion Ratio Lower Upper

64 100

66 5.8 21.5 39.9#





#13

Acetone

Concen: 6.347 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU038526.D

Acq: 03 Jun 2020 20:07

Instrument :

MSVOA_U

ClientSampleId :

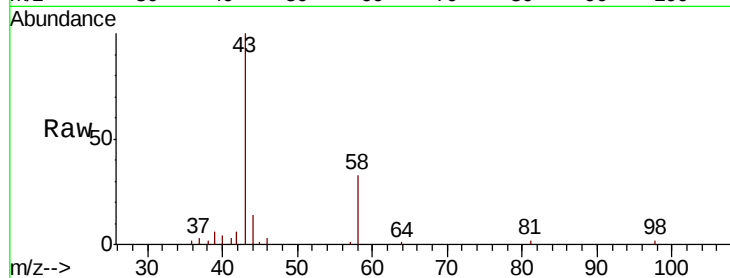
C0AF7

Tot Ion: 43 Resp: 23602

Ion Ratio Lower Upper

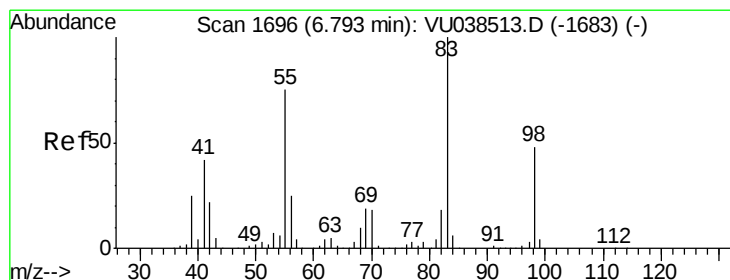
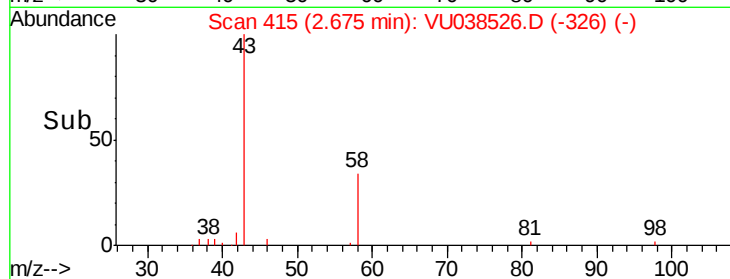
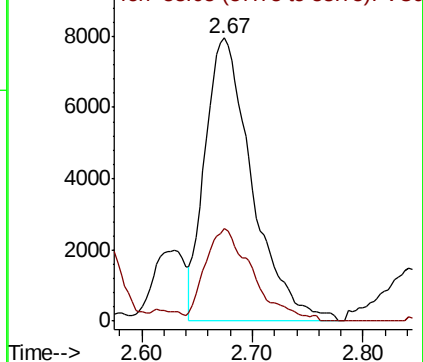
43 100

58 33.2 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038526.D

Acq: 03 Jun 2020 20:07

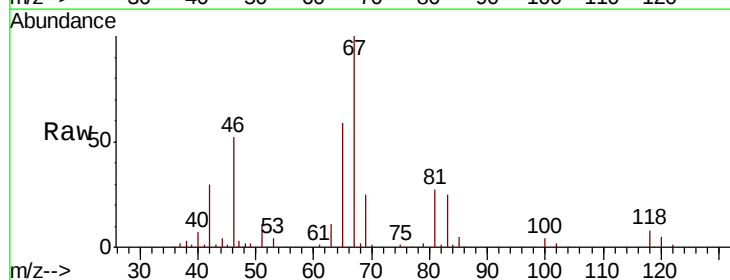
Tgt Ion: 83 Resp: 27244

Ion Ratio Lower Upper

83 100

55 0.6 63.4 95.2#

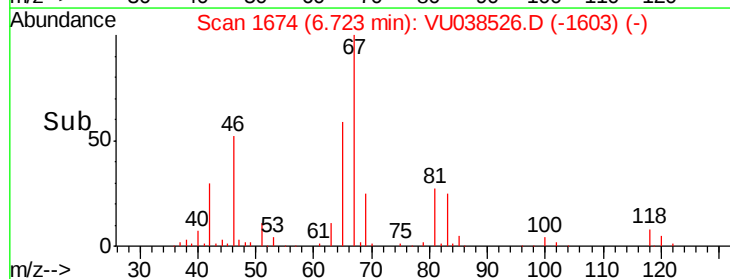
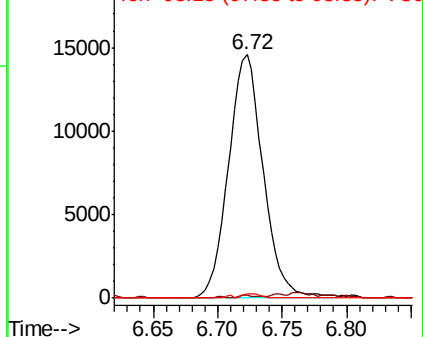
98 0.8 39.0 58.4#

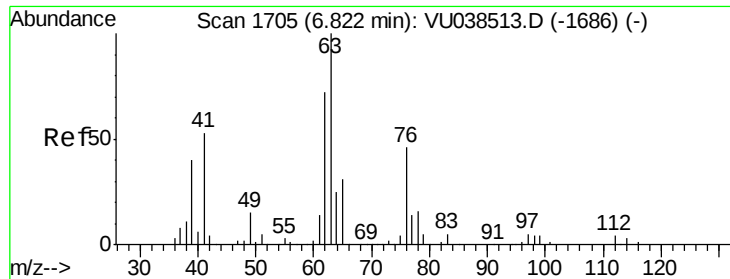


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

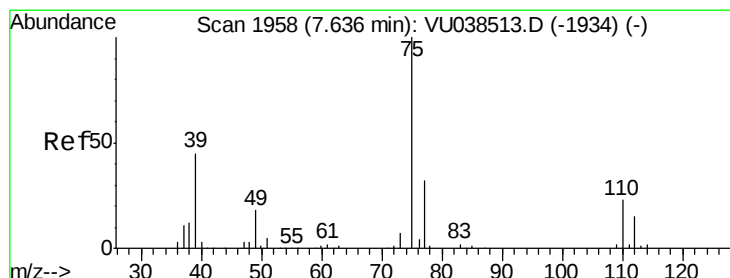
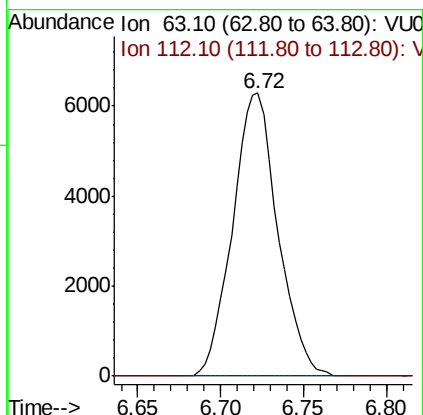
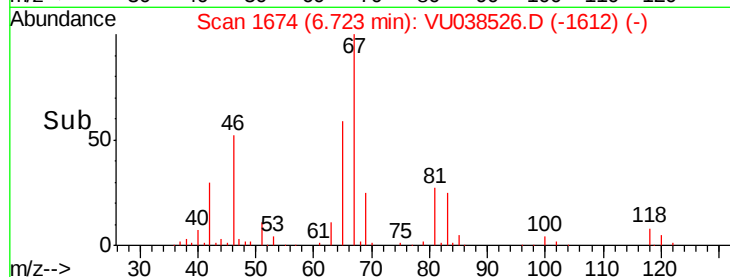
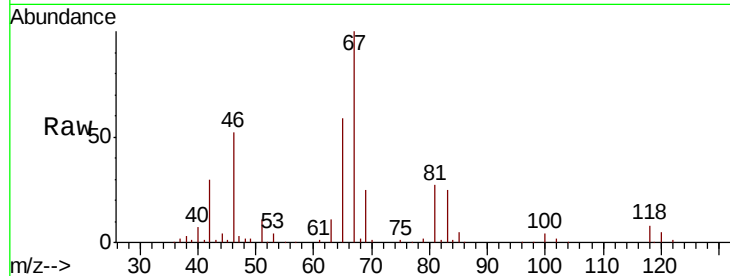




#37
 1,2-Dichloropropane
 Concen: 0.597 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038526.D
 Acq: 03 Jun 2020 20:07

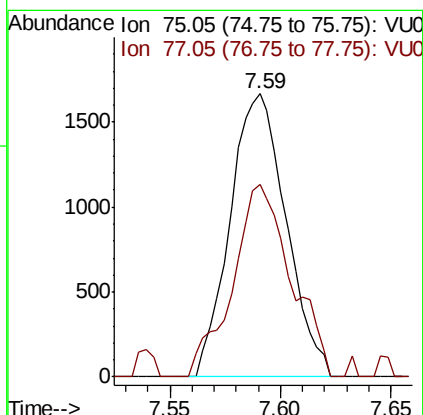
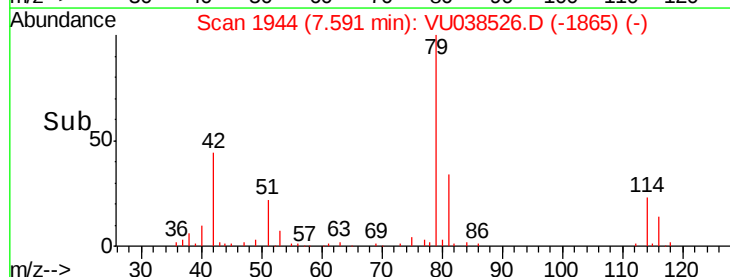
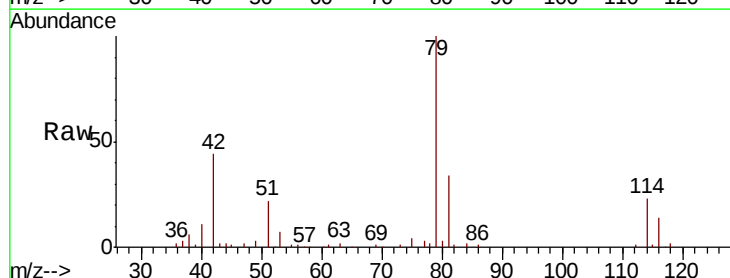
Instrument :
 MSVOA_U
 ClientSampled :
 C0AF7

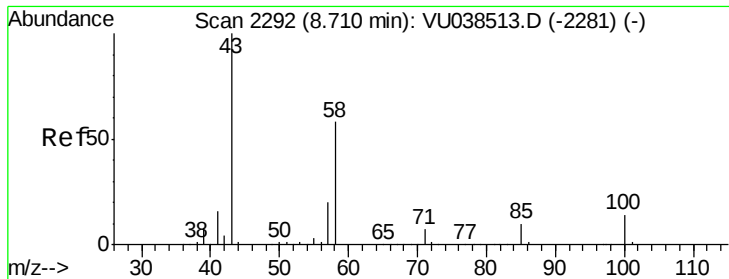
Tot Ion: 63 Resp: 11911
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038526.D
 Acq: 03 Jun 2020 20:07

Tgt Ion: 75 Resp: 2927
 Ion Ratio Lower Upper
 75 100
 77 68.1 21.9 40.7#





#48

2-Hexanone

Concen: 1.282 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038526.D

Acq: 03 Jun 2020 20:07

Instrument :

MSVOA_U

ClientSampled :

C0AF7

Tot Ion: 43 Resp: 13860

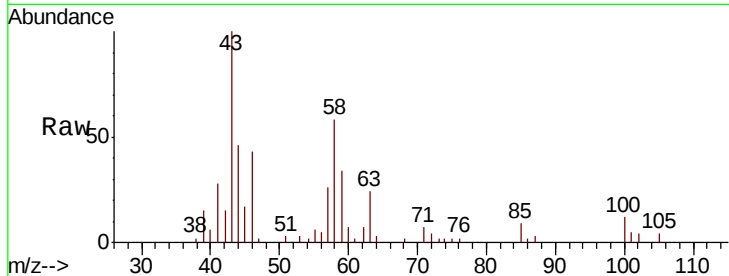
Ion Ratio Lower Upper

43 100

58 54.9 45.4 68.0

57 29.3 15.9 23.9#

100 10.6 10.5 15.7



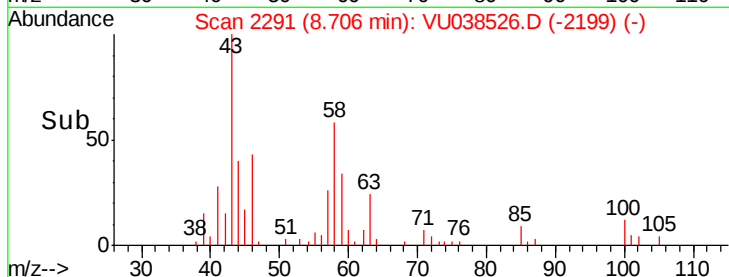
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

Time-->



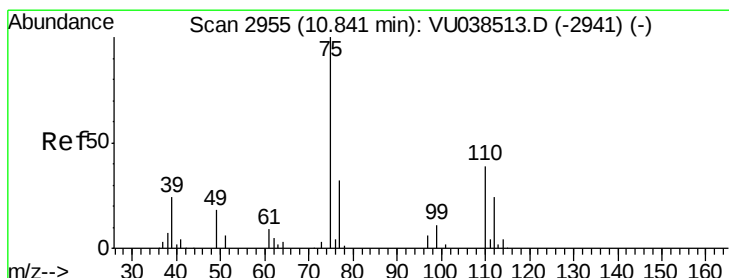
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.164 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038526.D

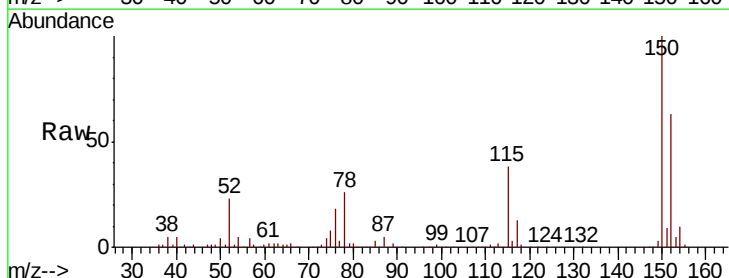
Acq: 03 Jun 2020 20:07

Tgt Ion: 75 Resp: 17341

Ion Ratio Lower Upper

75 100

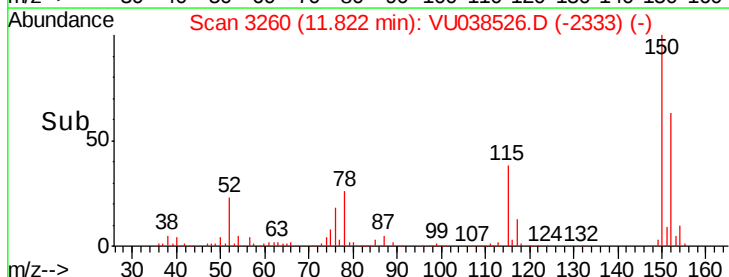
77 40.5 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Time-->



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Time-->