

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038299.D
 Acq On : 26 May 2020 16:13
 Operator : JC/MD
 Sample : L2751-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 06:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316910	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	304614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98076	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.93	69	86812	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.20%
11) 1,1-Dichloroethene-d2	2.59	63	146692	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	339063	47.41	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.82%
24) Chloroform-d	5.10	84	203012	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.74	65	117357	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.76	84	421625	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.72	67	131310	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.92	98	381047	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	8.20	79	52118	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.65	63	272673	48.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111482	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	150865	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

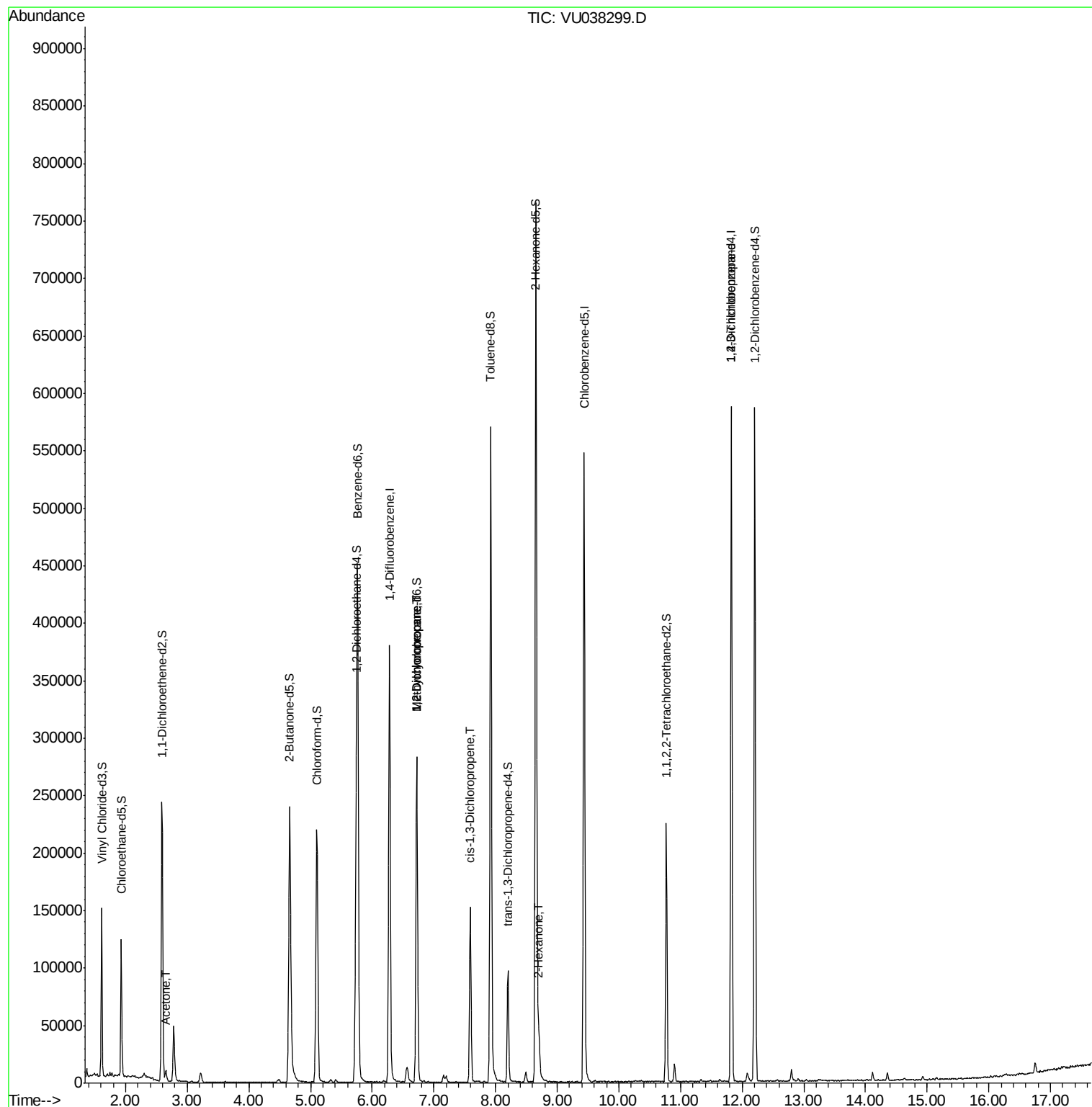
					Ovalue
13) Acetone	2.65	43	11173	2.490 ug/L	98
35) Methylcyclohexane	6.72	83	31290	0.792 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	14508	0.548 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3510	0.093 ug/L #	64
48) 2-Hexanone	8.71	43	20256	1.506 ug/L	89
59) 1,2,3-Trichloropropane	11.83	75	18953	1.066 ug/L #	87

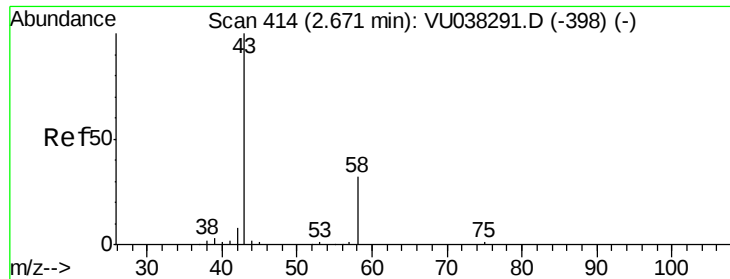
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.490 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.02 min

Lab File: VU038299.D

Acq: 26 May 2020 16:13

Instrument :

MSVOA_U

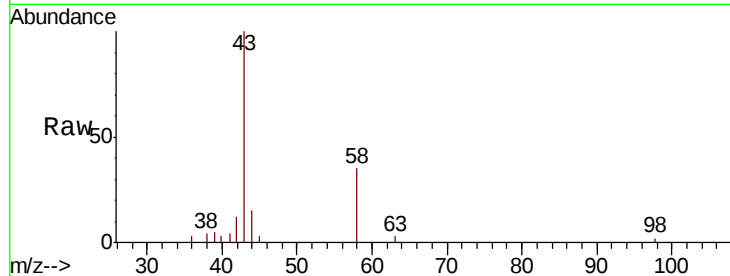
ClientSampleId :

Tot Ion: 43 Resp: 11173

Ion Ratio Lower Upper

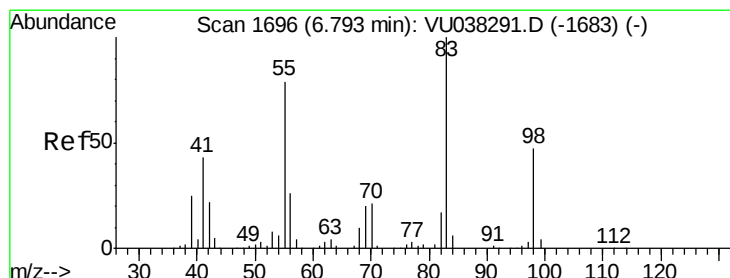
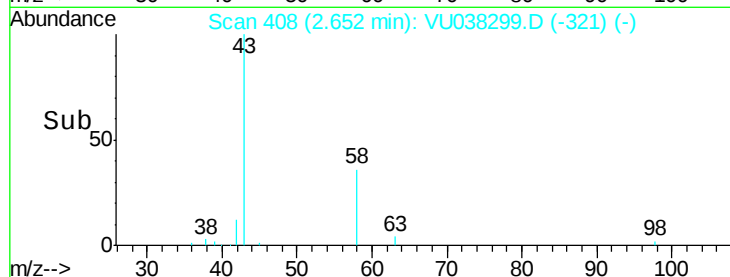
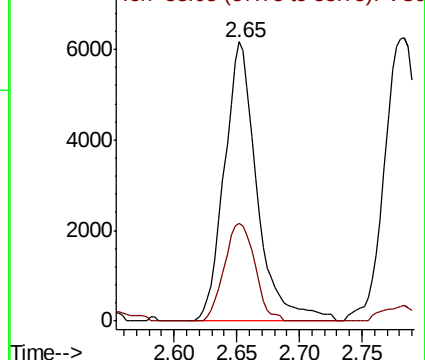
43 100

58 32.7 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038299.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038299.D (-321) (-)



#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038299.D

Acq: 26 May 2020 16:13

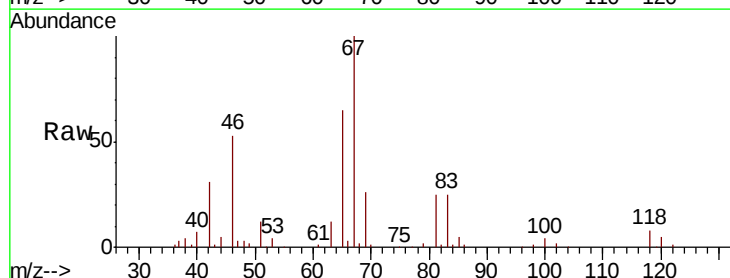
Tgt Ion: 83 Resp: 31290

Ion Ratio Lower Upper

83 100

55 0.7 66.7 100.1#

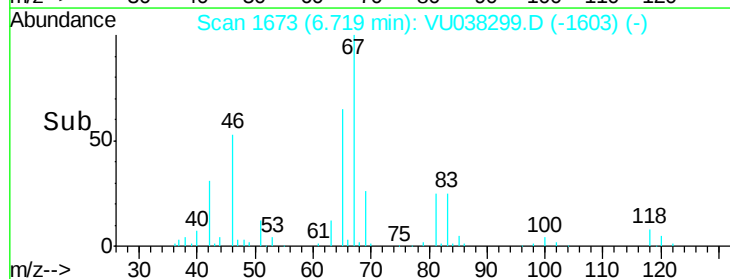
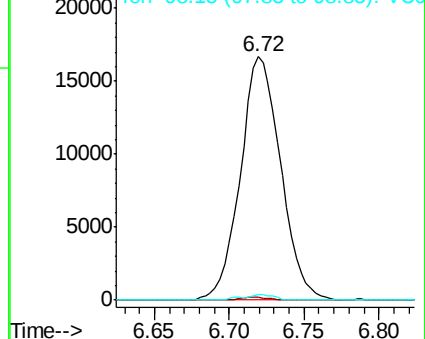
98 1.6 39.4 59.2#

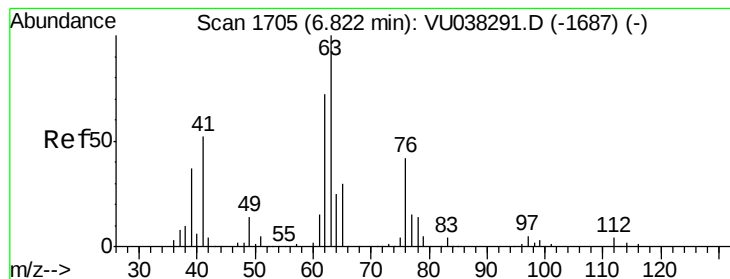


Abundance Ion 83.15 (82.85 to 83.85): VU038299.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU038299.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU038299.D (-1603) (-)





#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038299.D

Acq: 26 May 2020 16:13

Instrument :

MSVOA_U

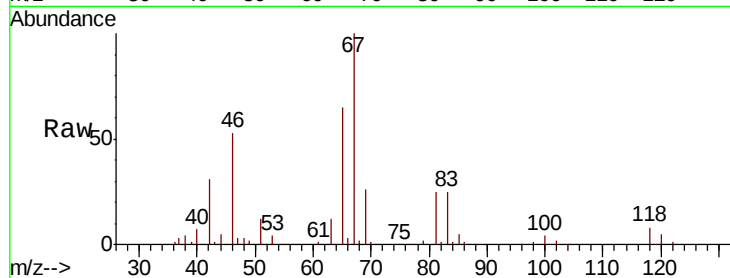
ClientSampleId :

Tot Ion: 63 Resp: 14508

Ion Ratio Lower Upper

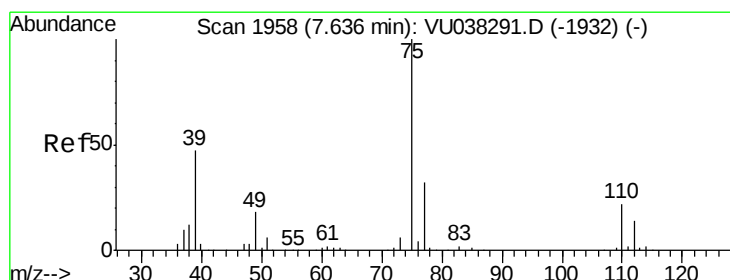
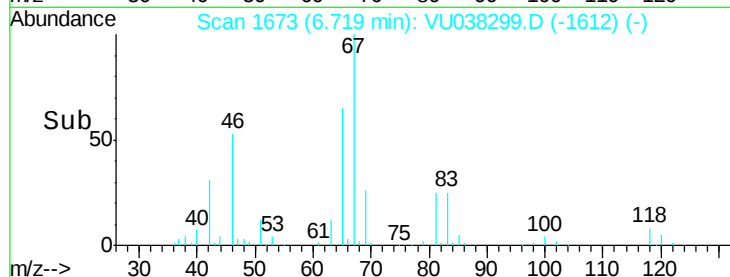
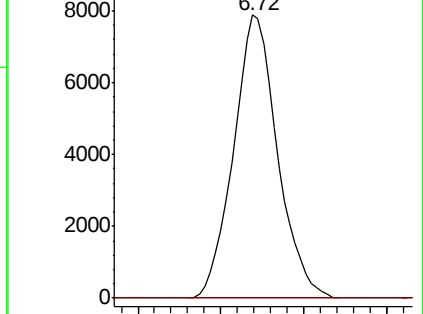
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038299.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU038299.D (-1673) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038299.D

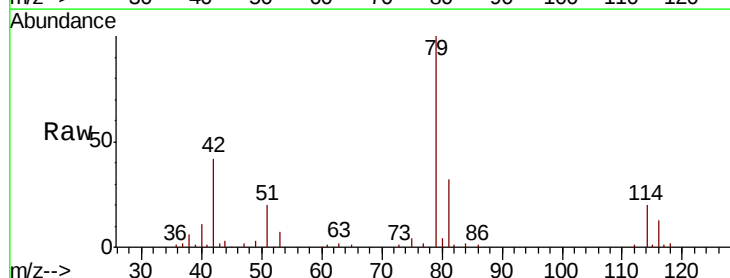
Acq: 26 May 2020 16:13

Tgt Ion: 75 Resp: 3510

Ion Ratio Lower Upper

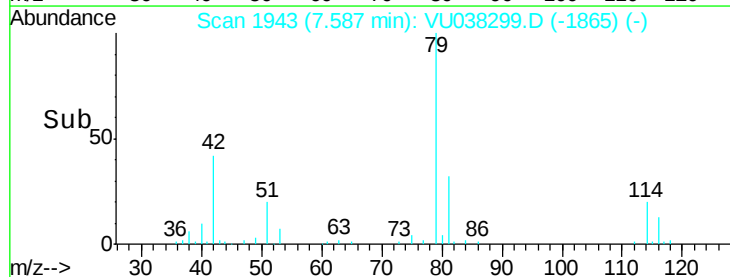
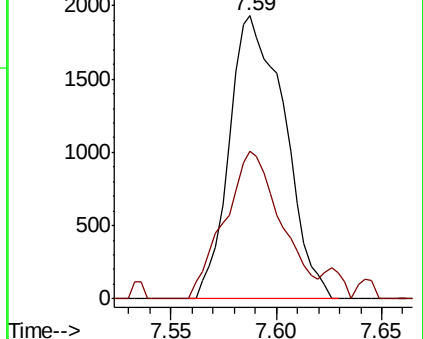
75 100

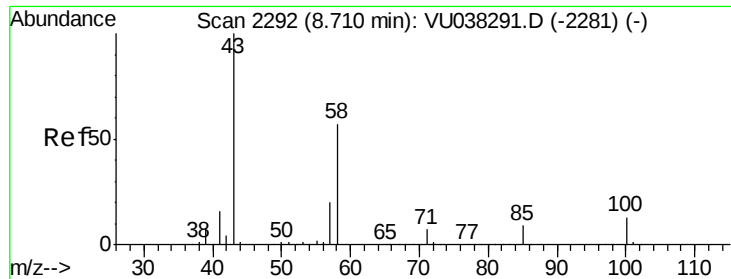
77 52.2 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038299.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU038299.D (-1865) (-)

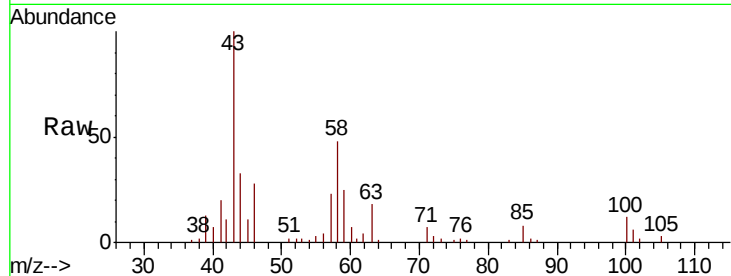




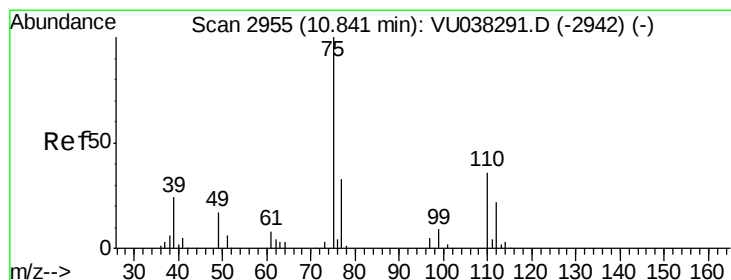
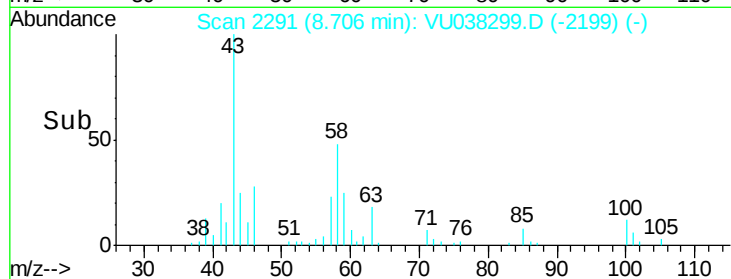
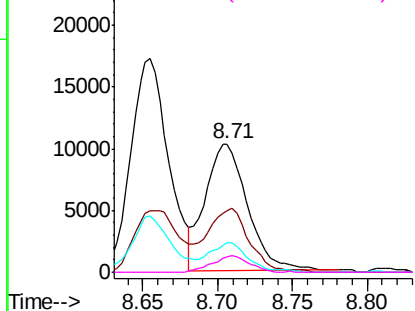
#48
2-Hexanone
Concen: 1.506 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038299.D
Acq: 26 May 2020 16:13

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 20256
Ion Ratio Lower Upper
43 100
58 45.5 45.2 67.8
57 22.0 15.5 23.3
100 11.1 9.5 14.3

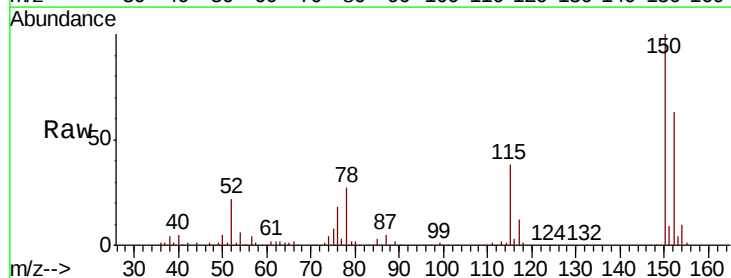


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.066 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038299.D
Acq: 26 May 2020 16:13

Tgt Ion: 75 Resp: 18953
Ion Ratio Lower Upper
75 100
77 39.2 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

