

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038148.D
 Acq On : 13 May 2020 17:03
 Operator : JC/MD
 Sample : L2631-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:15:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	356190	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	345565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162777	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119891	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.93	69	114745	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.59	63	160490	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.66	46	435541	54.18	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.36%
24) Chloroform-d	5.10	84	221364	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.74	65	135216	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.76	84	469305	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	156392	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	413583	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	57580	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.65	63	352042	55.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	127343	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	153910	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

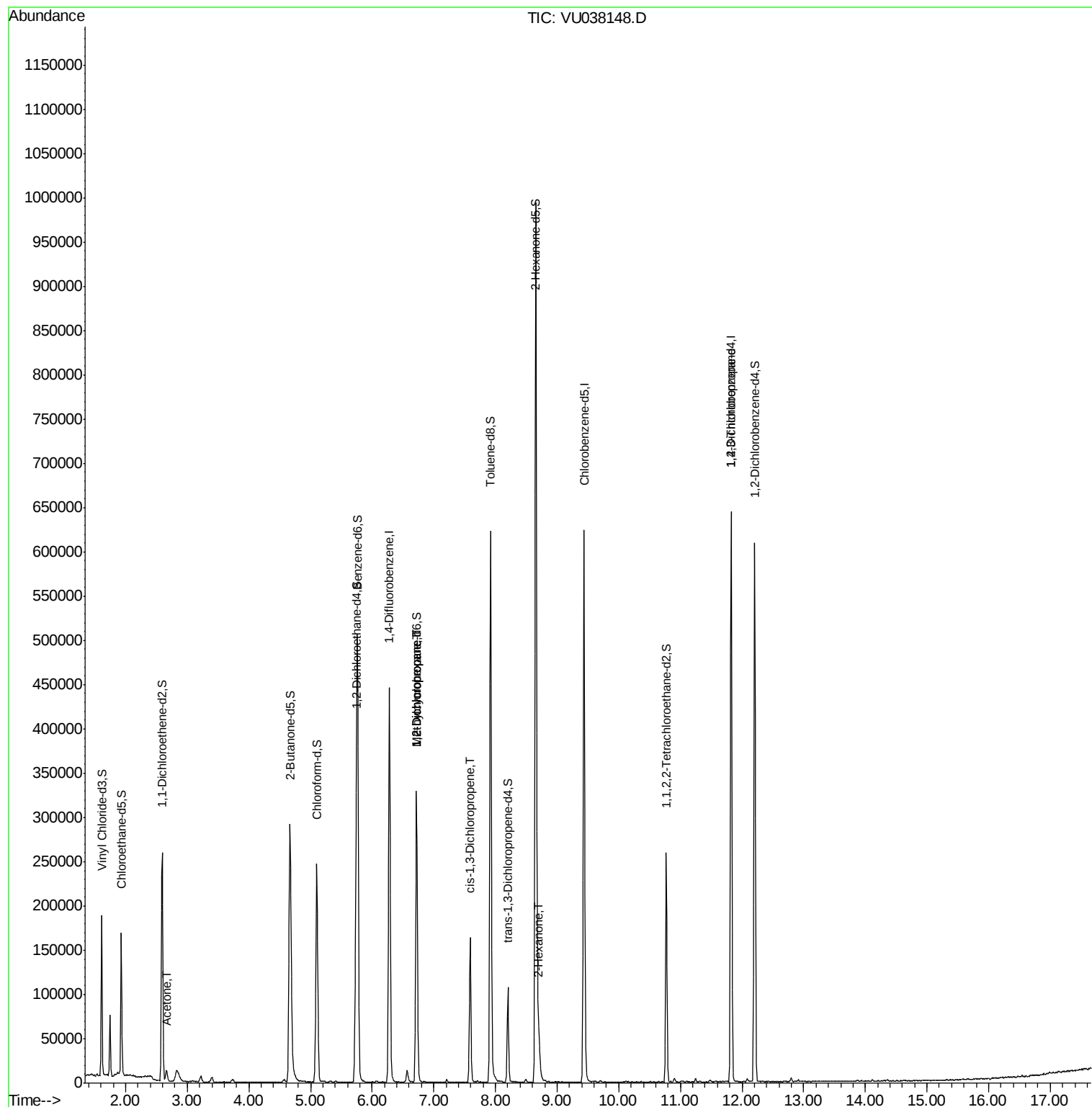
					Ovalue
13) Acetone	2.66	43	15169	3.008	ug/L 98
35) Methylcyclohexane	6.72	83	35046	0.782	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	15986	0.532	ug/L # 88
39) cis-1,3-Dichloropropene	7.60	75	3361	0.078	ug/L # 68
48) 2-Hexanone	8.71	43	29052	1.904	ug/L 98
59) 1,2,3-Trichloropropane	11.83	75	21544	1.068	ug/L 96

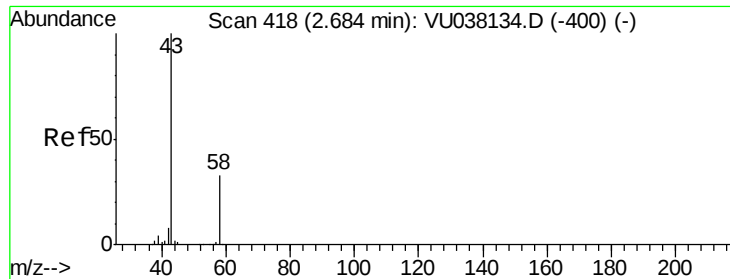
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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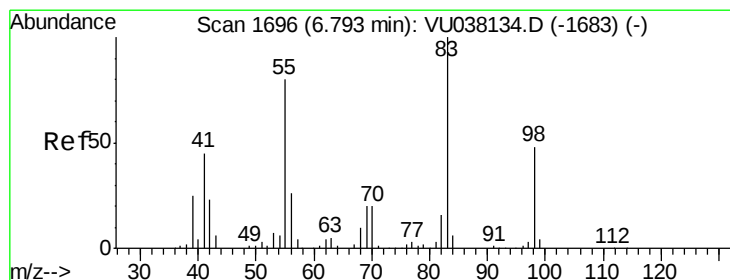
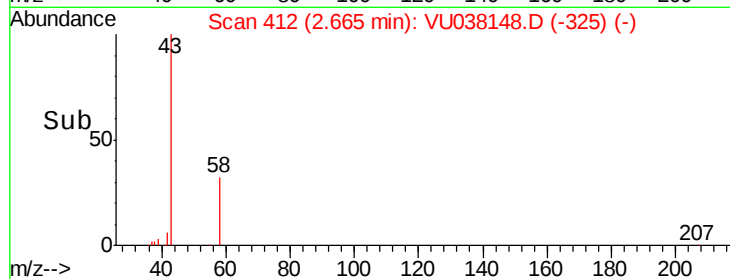
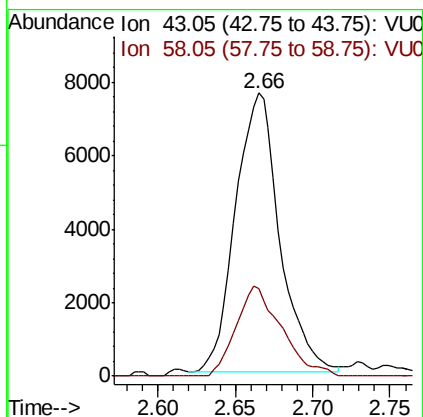
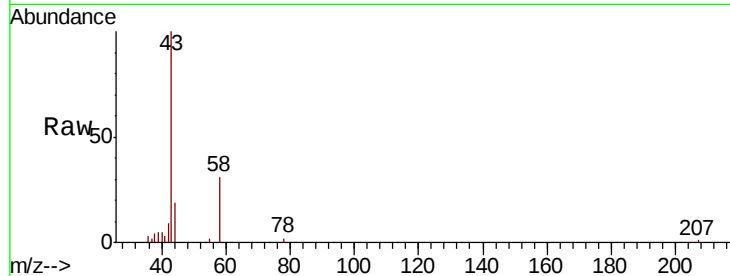




#13
Acetone
Concen: 3.008 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.02 min
Lab File: VU038148.D
Acq: 13 May 2020 17:03

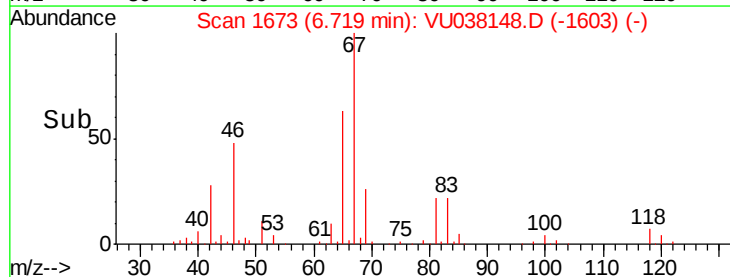
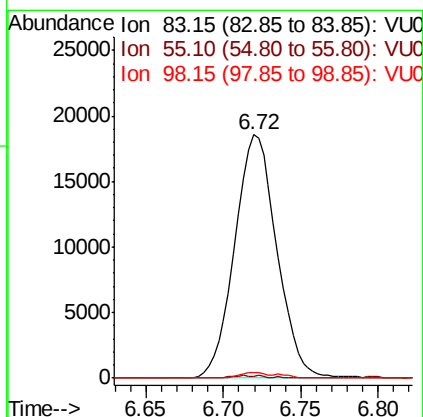
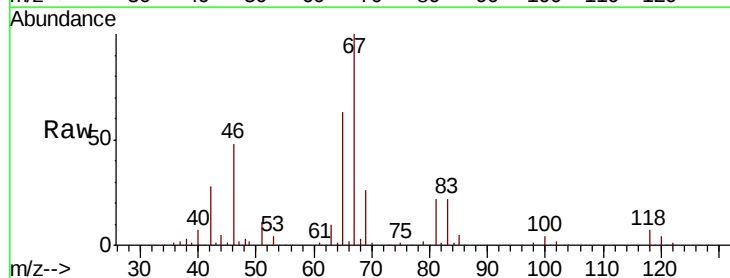
Instrument :
MSVOA_U
ClientSampleId :

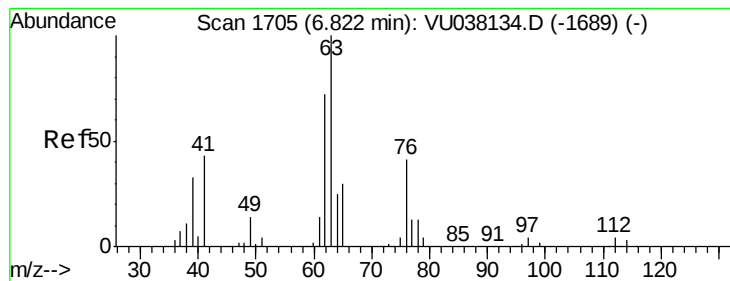
Tot Ion: 43 Resp: 15169
Ion Ratio Lower Upper
43 100
58 32.8 0.0 63.6



#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038148.D
Acq: 13 May 2020 17:03

Tgt Ion: 83 Resp: 35046
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 2.0 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038148.D

Acq: 13 May 2020 17:03

Instrument :

MSVOA_U

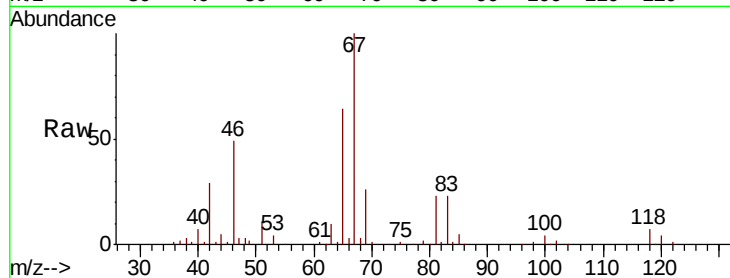
ClientSampleId :

Tot Ion: 63 Resp: 15986

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038148.D (-1689) (-)

Ion 112.10 (111.80 to 112.80): VU038148.D (-1689) (-)

6.72

8000

6000

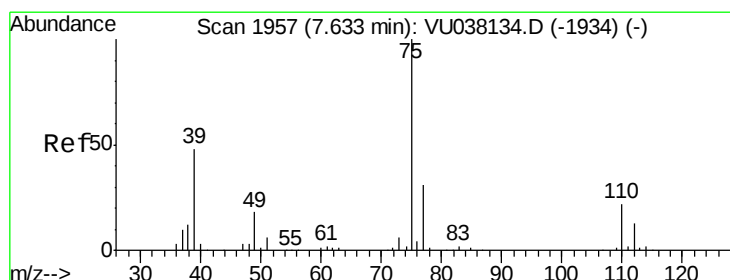
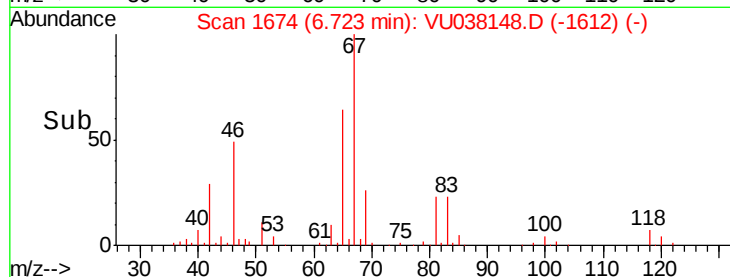
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU038148.D

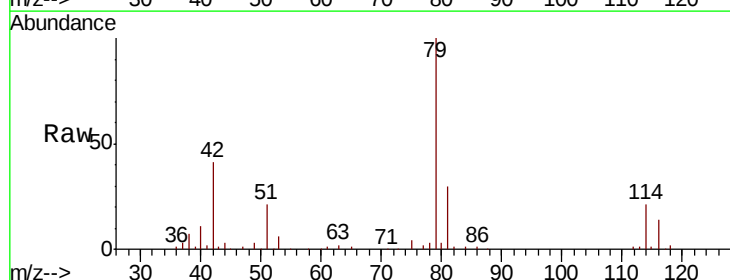
Acq: 13 May 2020 17:03

Tgt Ion: 75 Resp: 3361

Ion Ratio Lower Upper

75 100

77 50.1 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038148.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038148.D (-1864) (-)

7.60

2000

1500

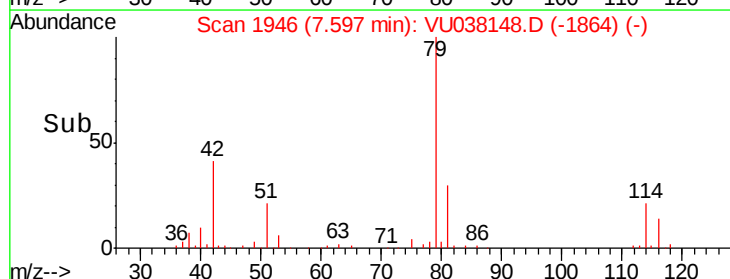
1000

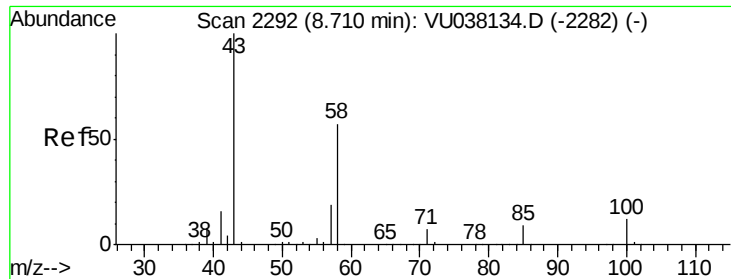
500

0

7.55 7.60

Time-->

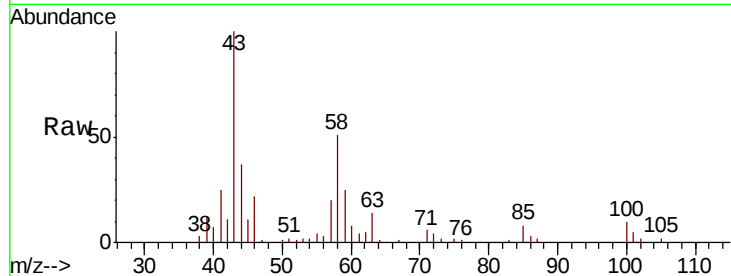




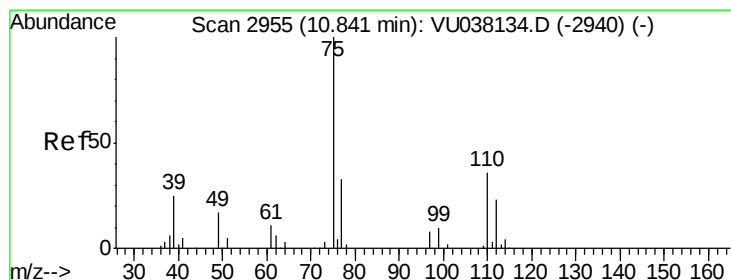
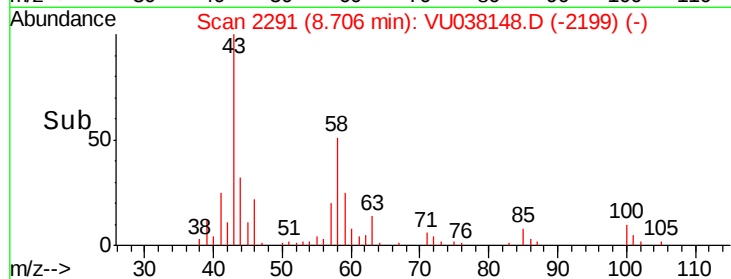
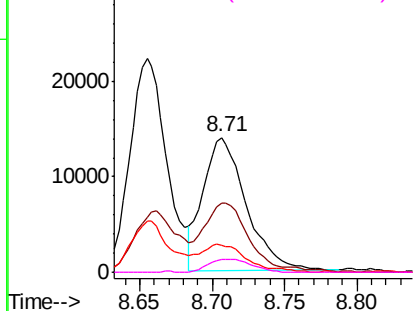
#48
2-Hexanone
Concen: 1.904 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038148.D
Acq: 13 May 2020 17:03

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	43	Resp:	29052
Ion	Ratio	Lower	Upper
43	100		
58	55.9	45.2	67.8
57	21.5	15.5	23.3
100	9.9	9.5	14.3

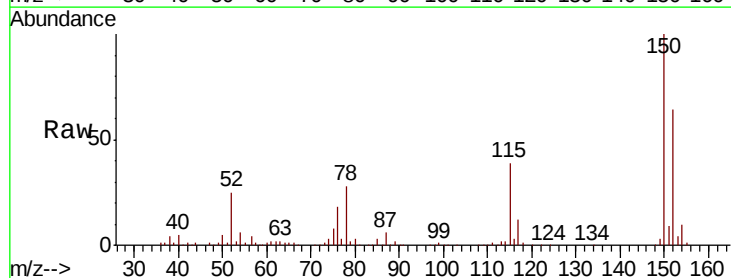


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.068 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038148.D
Acq: 13 May 2020 17:03

Tgt Ion:	75	Resp:	21544
Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.4	38.0



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

