

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052020\
 Data File : VU038241.D
 Acq On : 20 May 2020 11:47
 Operator : JC/MD
 Sample : VU0520WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 01:15:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:14:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	332101	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	325132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	155541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143918	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	127307	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.59	63	180378	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.67	46	428952	57.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.46%
24) Chloroform-d	5.10	84	230788	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.74	65	142871	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.76	84	493145	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.72	67	161591	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.92	98	436463	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	8.20	79	61654	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.65	63	335425	56.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	131744	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	159061	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

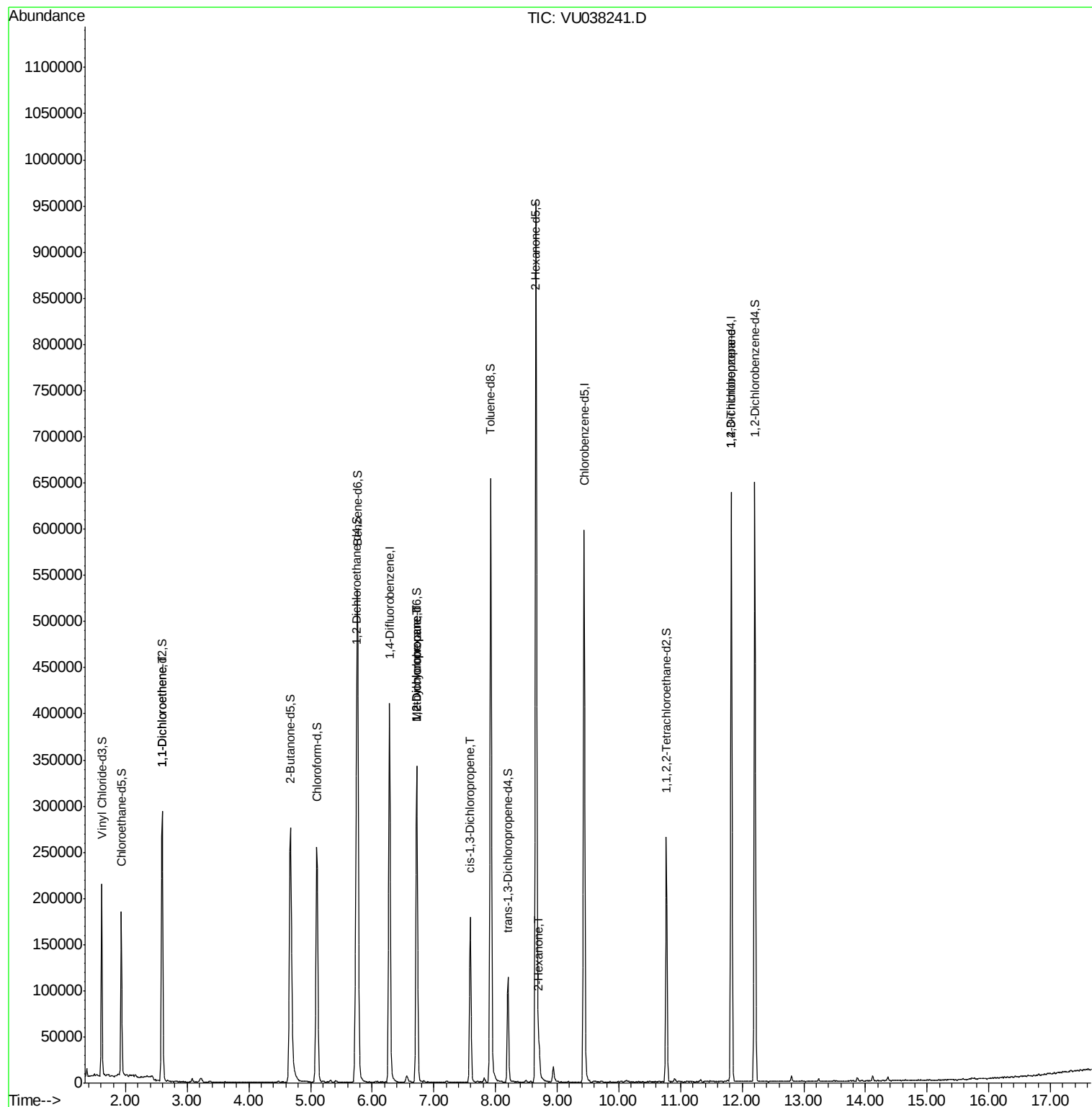
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1465	0.064 ug/L #	1
35) Methylcyclohexane	6.72	83	35132	0.833 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16812	0.594 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4569	0.113 ug/L #	73
48) 2-Hexanone	8.71	43	18869	1.315 ug/L #	93
59) 1,2,3-Trichloropropane	11.83	75	21957	1.157 ug/L	92

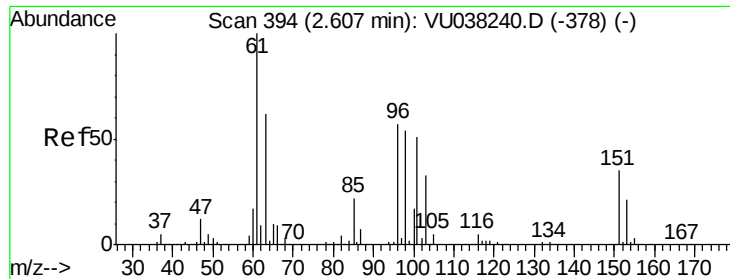
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:14:05 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038241.D

Acq: 20 May 2020 11:47

Instrument :

MSVOA_U

ClientSampled :

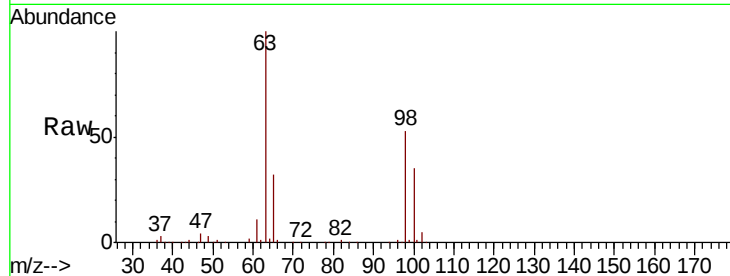
Tot Ion: 96 Resp: 1465

Ion Ratio Lower Upper

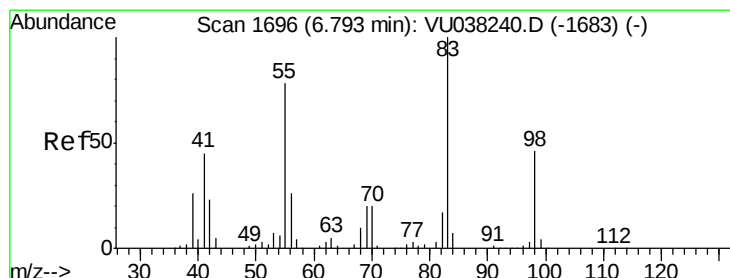
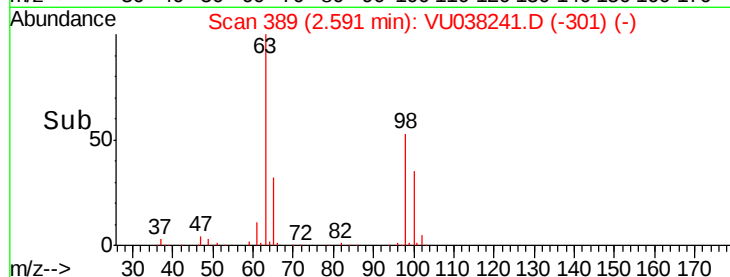
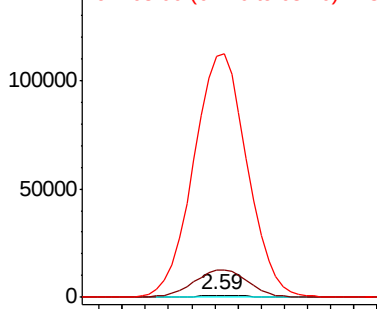
96 100

61 1501.3 126.2 234.4#

63 13402.6 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#35

Methylcyclohexane

Concen: 0.833 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038241.D

Acq: 20 May 2020 11:47

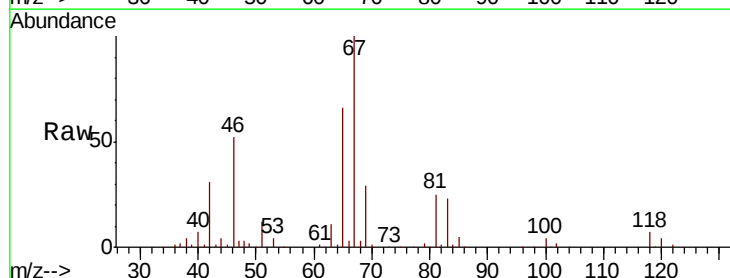
Tgt Ion: 83 Resp: 35132

Ion Ratio Lower Upper

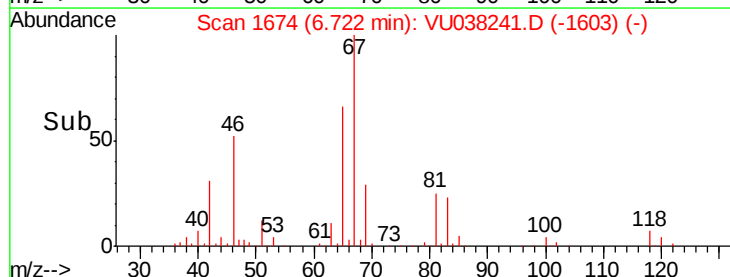
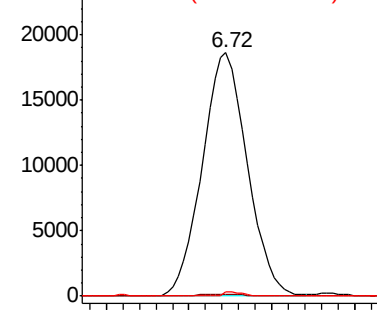
83 100

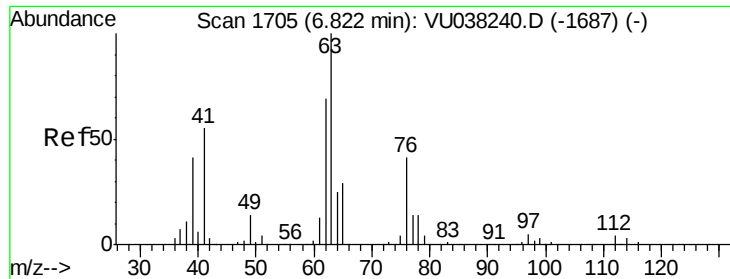
55 0.3 66.7 100.1#

98 0.6 39.4 59.2#



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

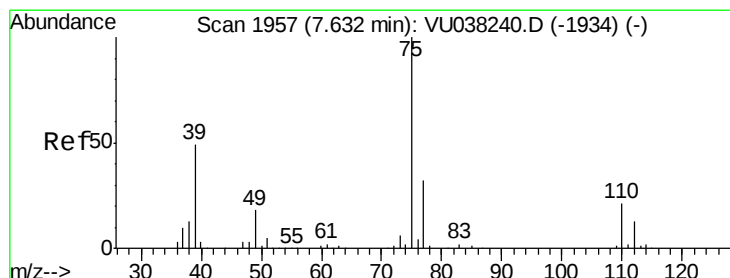
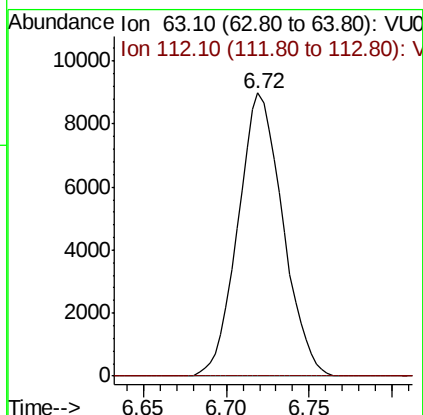
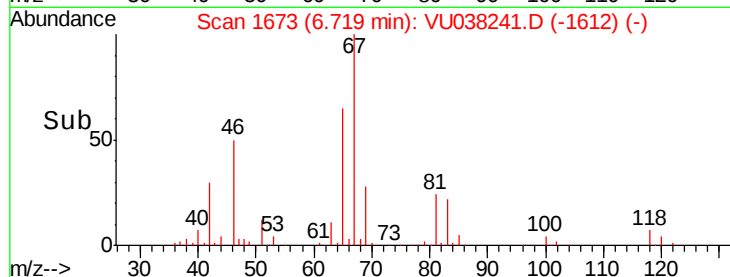
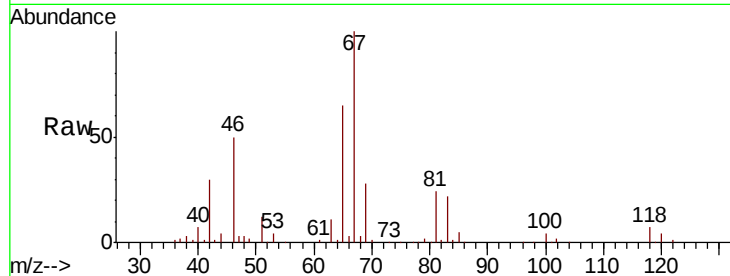




#37
 1,2-Dichloropropane
 Concen: 0.594 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038241.D
 Acq: 20 May 2020 11:47

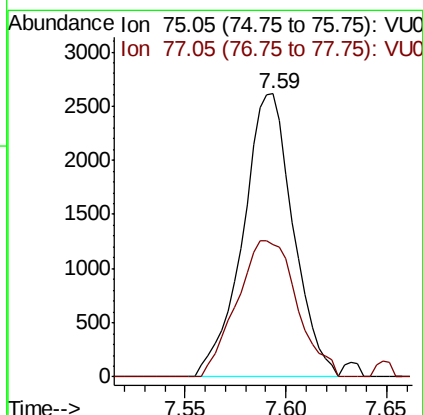
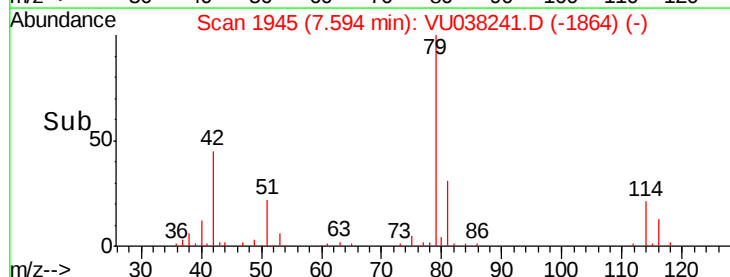
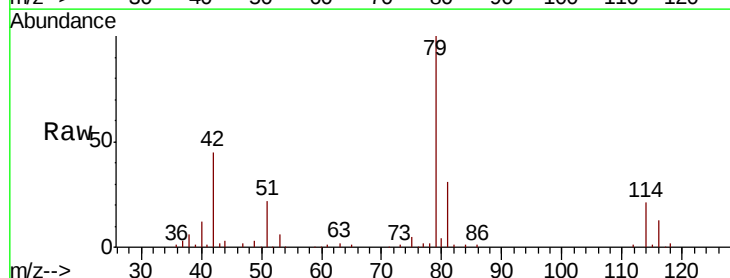
Instrument :
 MSVOA_U
 ClientSampleID :

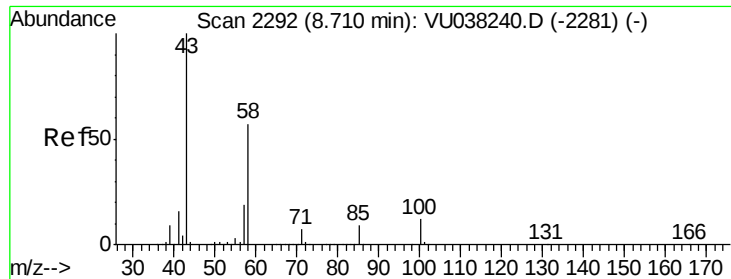
Tot Ion: 63 Resp: 16812
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038241.D
 Acq: 20 May 2020 11:47

Tgt Ion: 75 Resp: 4569
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.4 41.6#

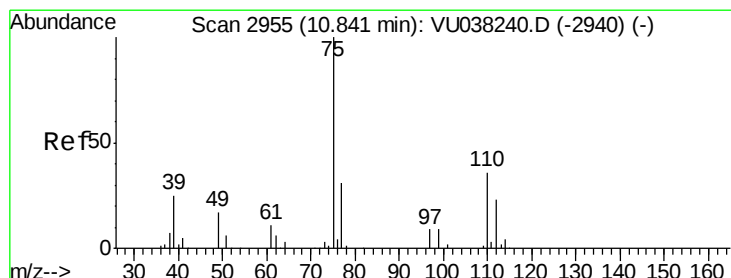
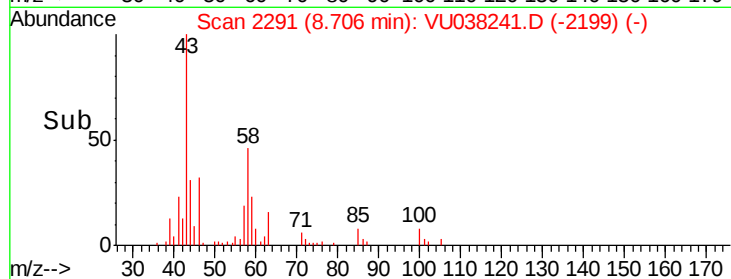
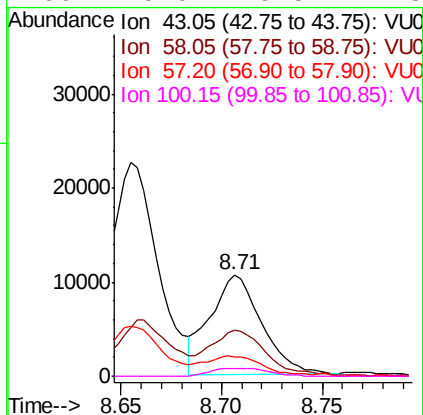
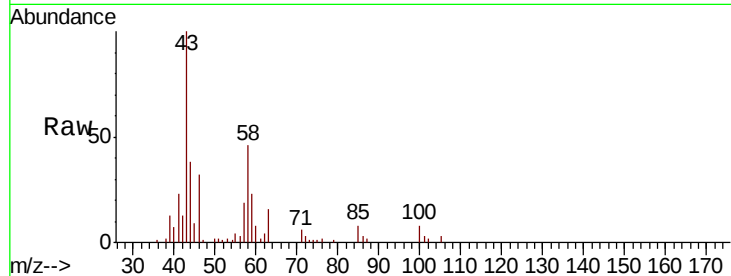




#48
 2-Hexanone
 Concen: 1.315 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038241.D
 Acq: 20 May 2020 11:47

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 18869
 Ion Ratio Lower Upper
 43 100
 58 50.2 45.2 67.8
 57 20.6 15.5 23.3
 100 9.0 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.157 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038241.D
 Acq: 20 May 2020 11:47

Tgt Ion: 75 Resp: 21957
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.4 38.0

