

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052020\
 Data File : VU038243.D
 Acq On : 20 May 2020 13:27
 Operator : JC/MD
 Sample : L2724-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 01:15:55 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	356145	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	346115	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164518	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107290	3.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.80%
7) Chloroethane-d5	1.93	69	104593	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.20%
11) 1,1-Dichloroethene-d2	2.59	63	135953	2.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	4.68	46	478276	59.51	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.02%
24) Chloroform-d	5.10	84	211803	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.74	65	133442	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.76	84	418427	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.72	67	146610	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.93	98	350092	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.20	79	55286	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.66	63	361896	57.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	135048	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	146614	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

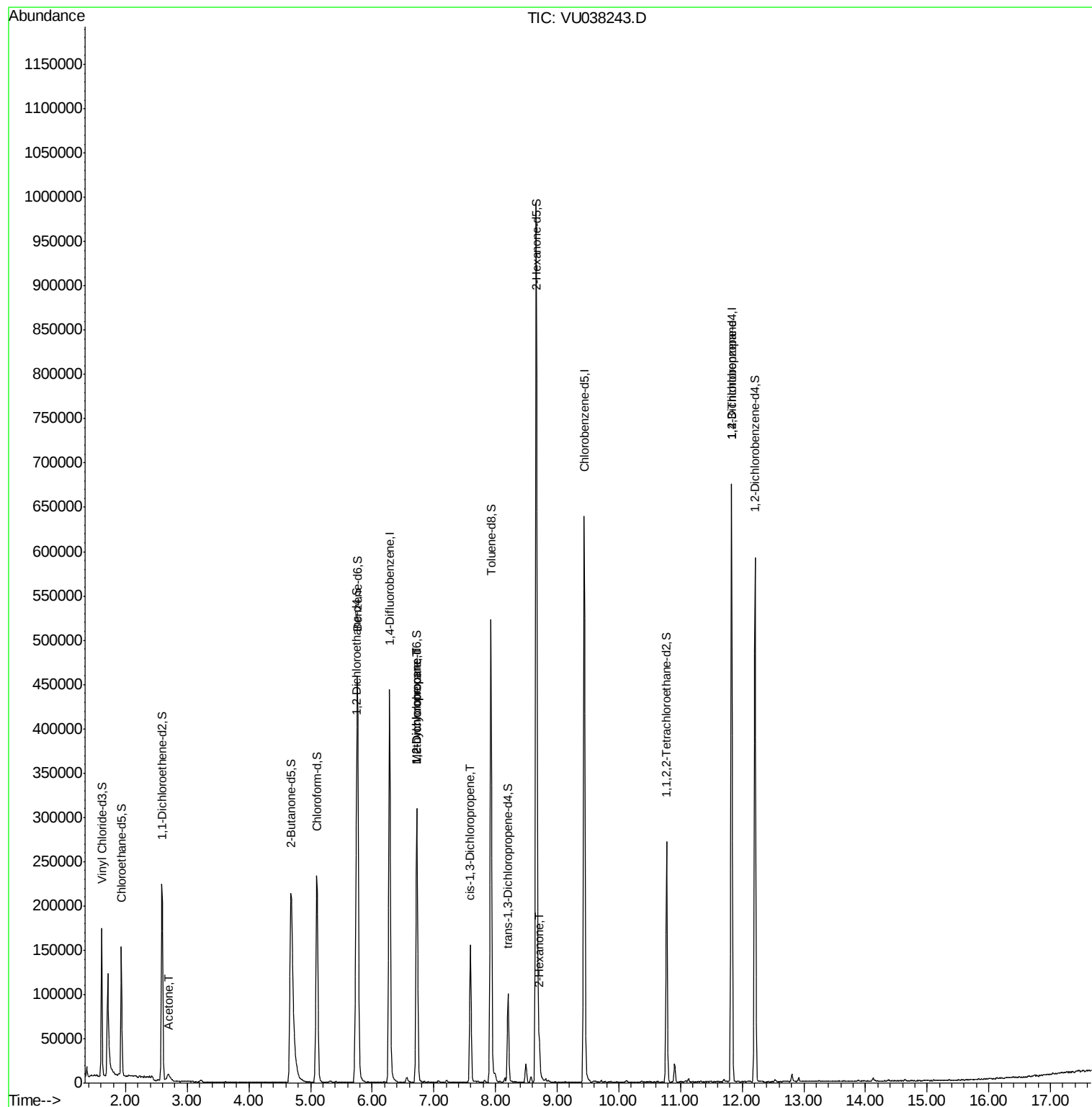
					Ovalue
13) Acetone	2.69	43	20748	4.114 ug/L	85
35) Methylcyclohexane	6.72	83	33193	0.739 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15497	0.515 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3664	0.085 ug/L #	63
48) 2-Hexanone	8.71	43	19496	1.276 ug/L #	95
59) 1,2,3-Trichloropropane	11.83	75	23050	1.141 ug/L	91

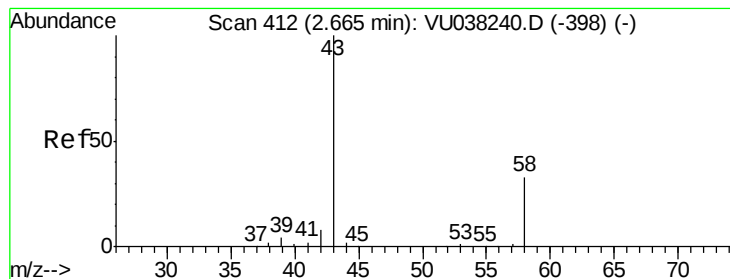
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.114 ug/L

RT: 2.69 min Scan# 421

Delta R.T. 0.03 min

Lab File: VU038243.D

Acq: 20 May 2020 13:27

Instrument :

MSVOA_U

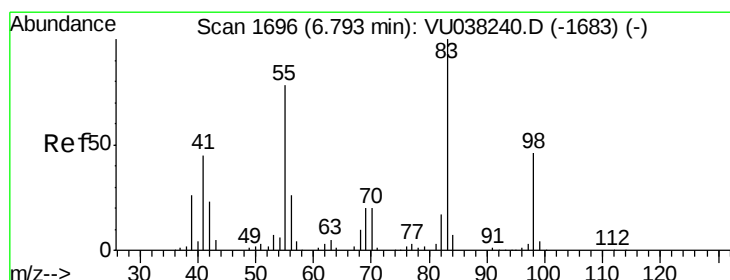
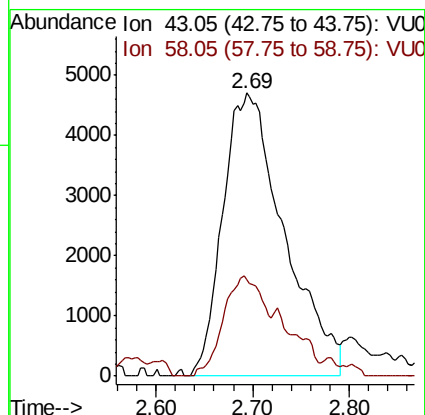
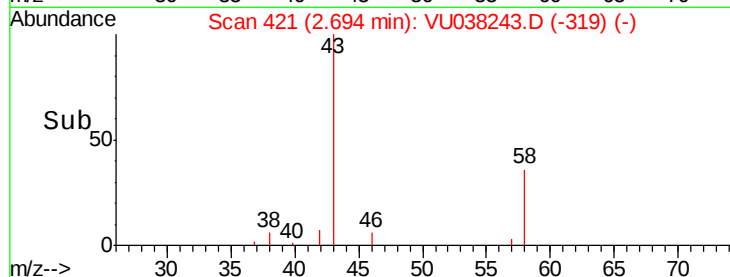
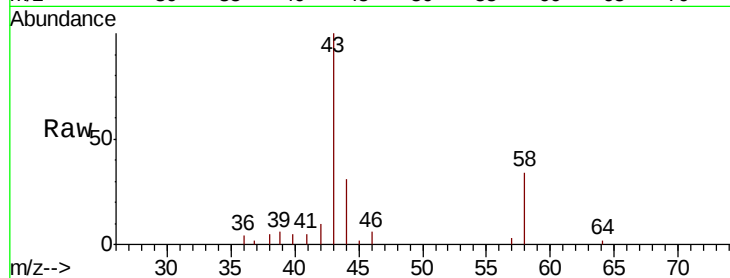
ClientSampled :

Tot Ion: 43 Resp: 20748

Ion Ratio Lower Upper

43 100

58 23.5 0.0 63.6



#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038243.D

Acq: 20 May 2020 13:27

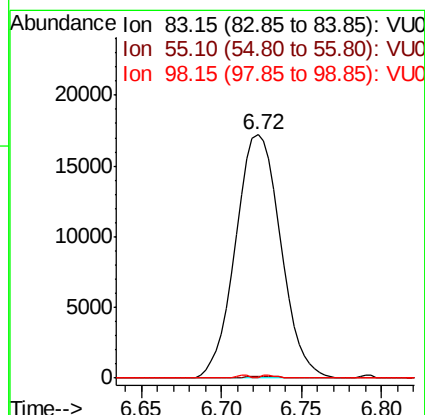
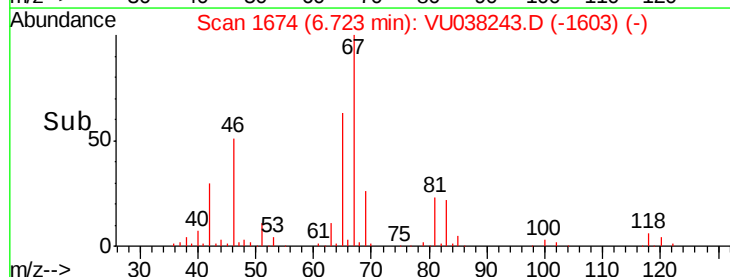
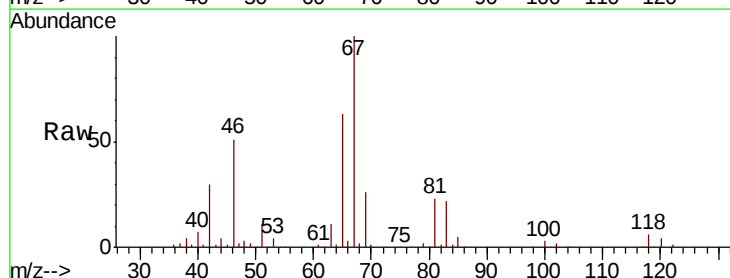
Tgt Ion: 83 Resp: 33193

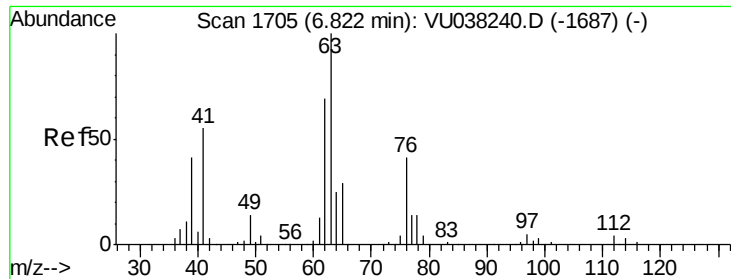
Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

98 0.4 39.4 59.2#

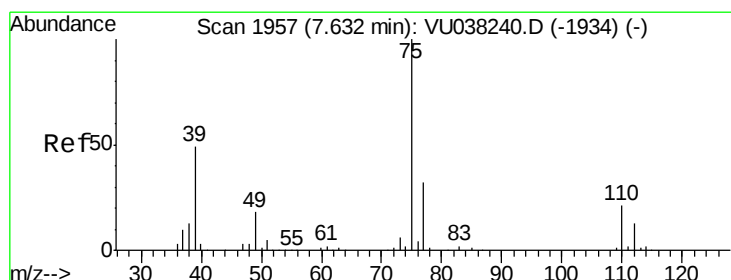
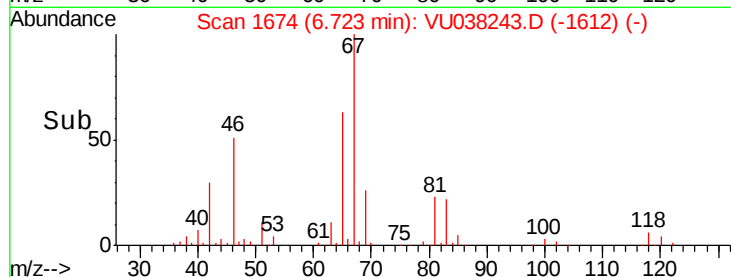
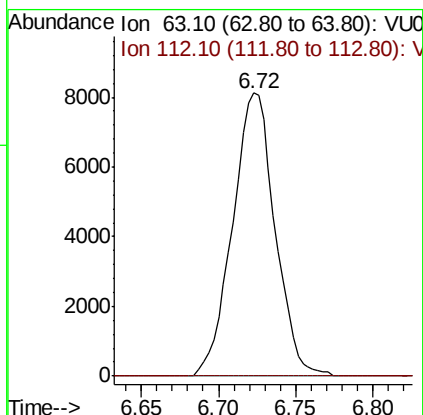
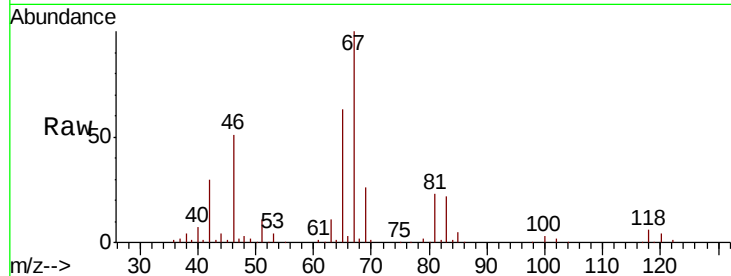




#37
 1,2-Dichloropropane
 Concen: 0.515 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038243.D
 Acq: 20 May 2020 13:27

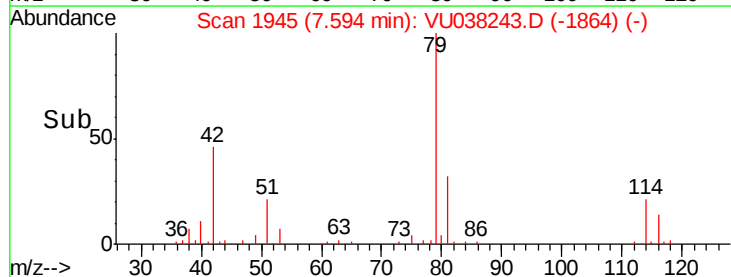
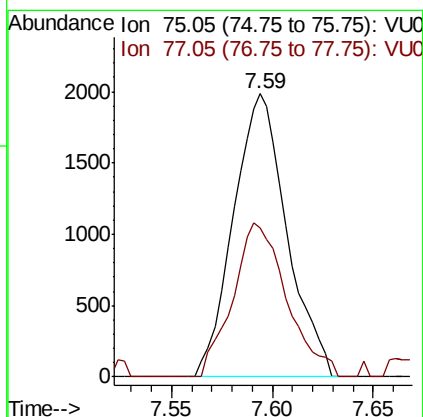
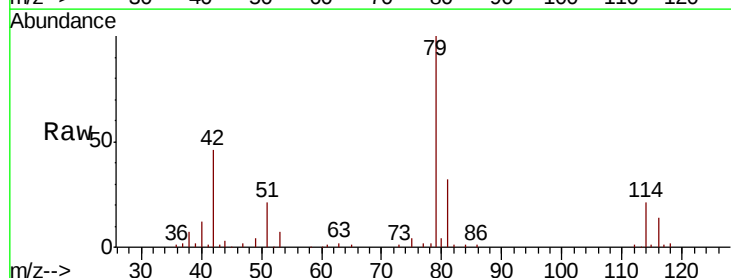
Instrument :
 MSVOA_U
 ClientSampled :

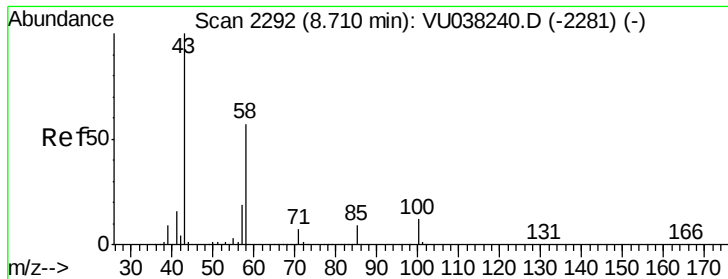
Tot Ion: 63 Resp: 15497
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038243.D
 Acq: 20 May 2020 13:27

Tgt Ion: 75 Resp: 3664
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.4 41.6#





#48

2-Hexanone

Concen: 1.276 ug/L

RT: 8.71 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VU038243.D

Acq: 20 May 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 19496

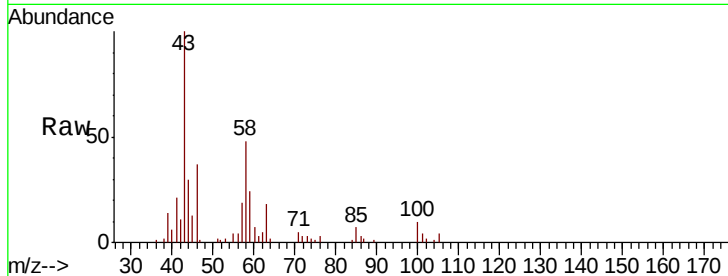
Ion Ratio Lower Upper

43 100

58 53.5 45.2 67.8

57 22.1 15.5 23.3

100 8.9 9.5 14.3#

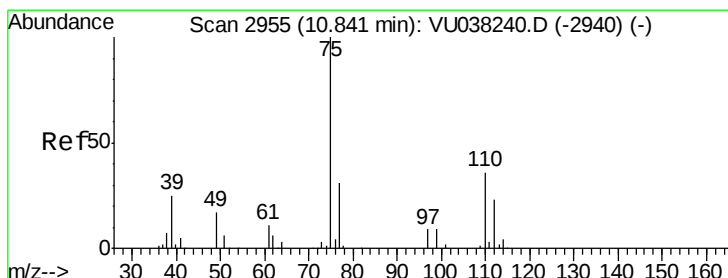
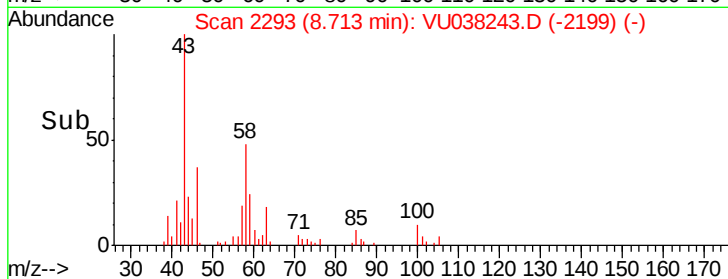
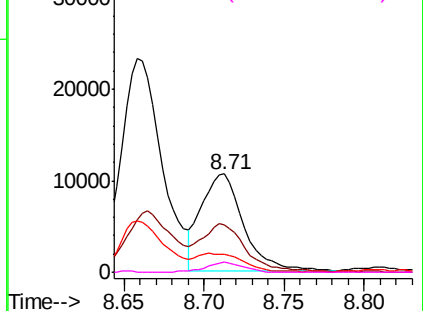


Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 1.141 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038243.D

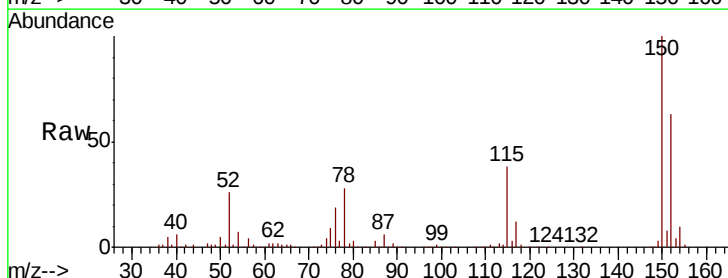
Acq: 20 May 2020 13:27

Tgt Ion: 75 Resp: 23050

Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

