

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038223.D
 Acq On : 18 May 2020 16:33
 Operator : JC/MD
 Sample : L2657-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 22:26:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 18 22:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	339598	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	329243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157653	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	164127	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.93	69	136066	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	194664	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.67	46	436231	56.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.84%
24) Chloroform-d	5.10	84	238606	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.74	65	145693	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.76	84	517528	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.72	67	166059	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.92	98	460466	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	8.20	79	64198	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.65	63	331628	55.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	133109	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	164320	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

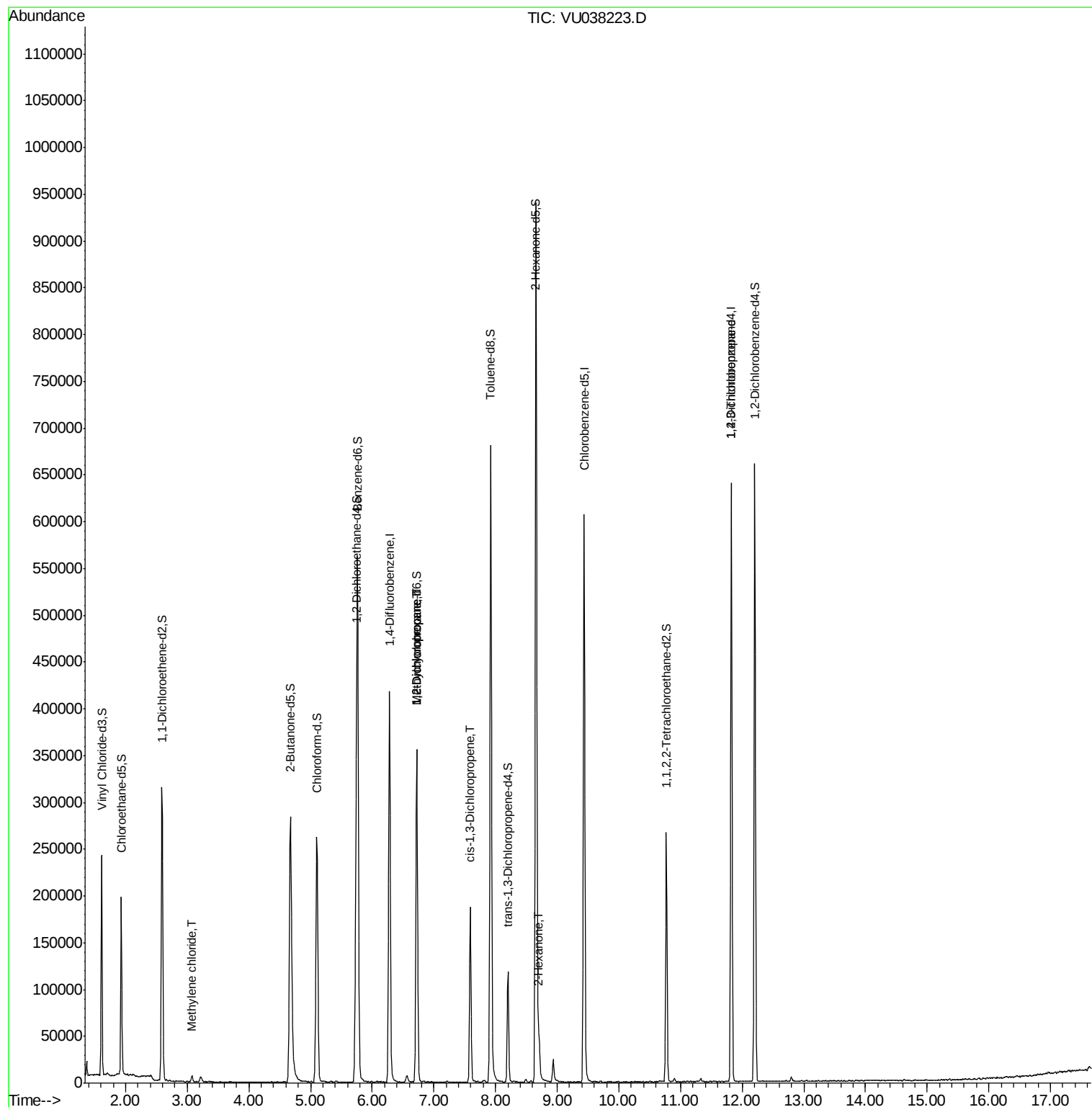
					Ovalue
16) Methylene chloride	3.07	84	2886	0.105 ug/L	89
35) Methylcyclohexane	6.72	83	37772	0.884 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17421	0.608 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3816	0.093 ug/L #	73
48) 2-Hexanone	8.71	43	22895	1.575 ug/L #	93
59) 1,2,3-Trichloropropane	11.83	75	21218	1.104 ug/L	92

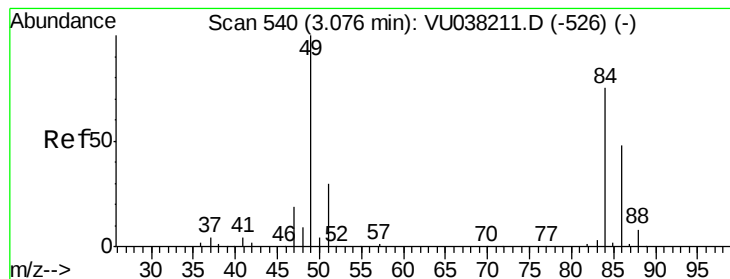
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 18 22:23:30 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.105 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU038223.D

Acq: 18 May 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

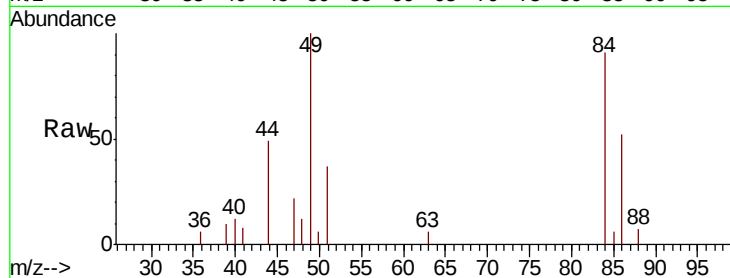
Tot Ion: 84 Resp: 2886

Ion Ratio Lower Upper

84 100

86 56.9 44.9 83.3

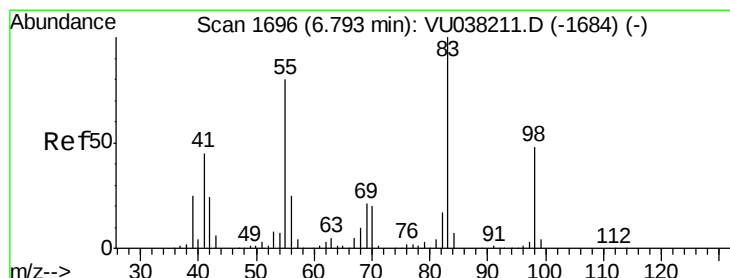
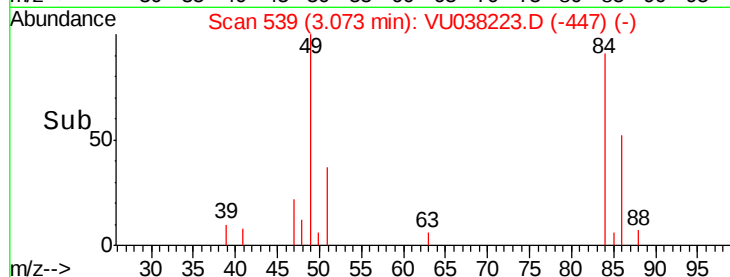
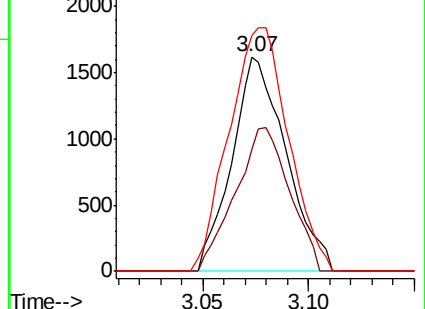
49 116.7 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038211.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU038211.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU038211.D (-526) (-)



#35

Methylcyclohexane

Concen: 0.884 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038223.D

Acq: 18 May 2020 16:33

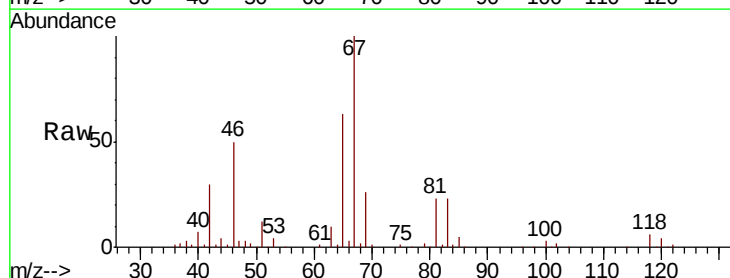
Tgt Ion: 83 Resp: 37772

Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

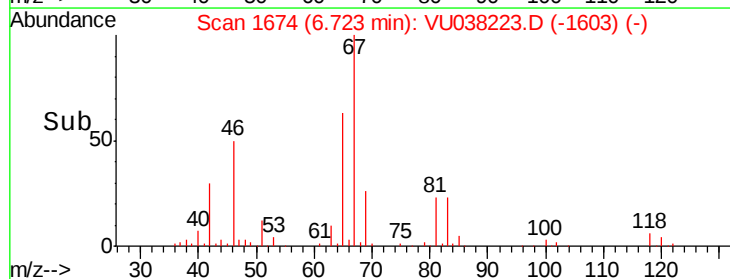
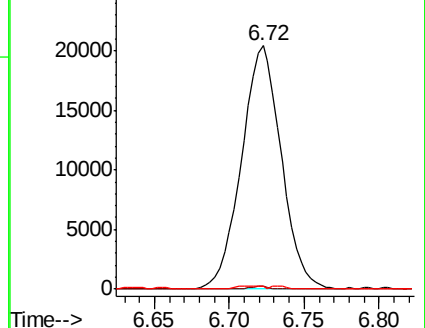
98 0.8 39.4 59.2#

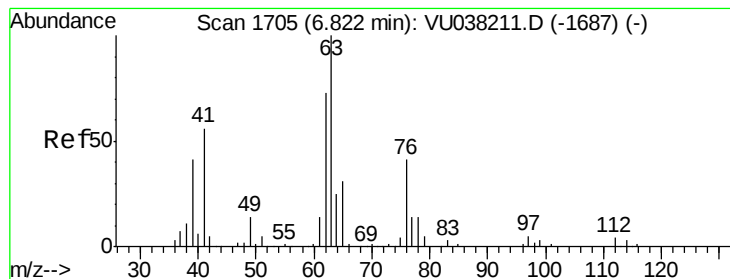


Abundance Ion 83.15 (82.85 to 83.85): VU038211.D (-1684) (-)

Ion 55.10 (54.80 to 55.80): VU038211.D (-1684) (-)

Ion 98.15 (97.85 to 98.85): VU038211.D (-1684) (-)





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038223.D

Acq: 18 May 2020 16:33

Instrument :

MSVOA_U

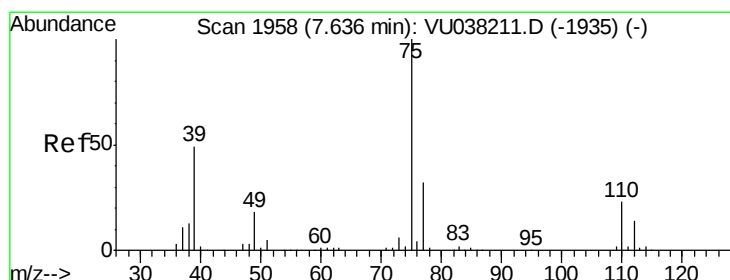
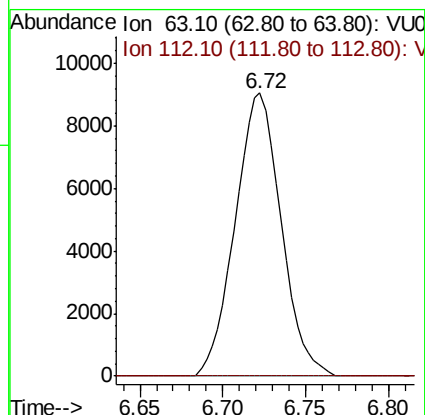
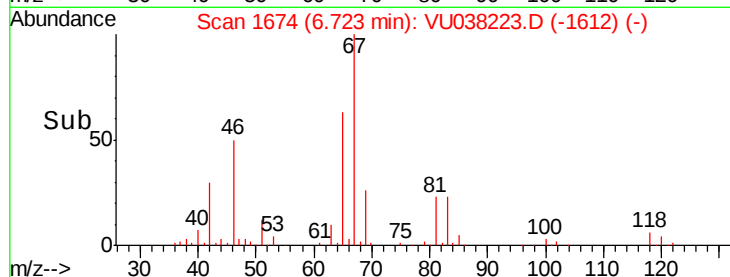
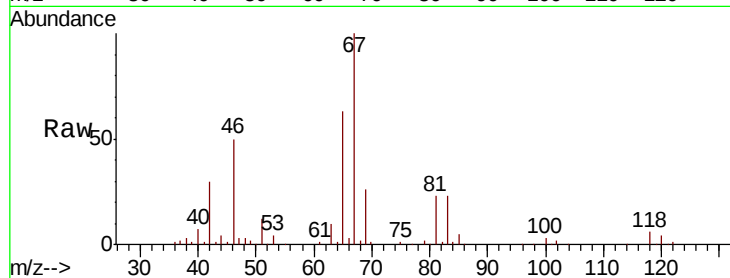
ClientSampled :

Tot Ion: 63 Resp: 17421

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038223.D

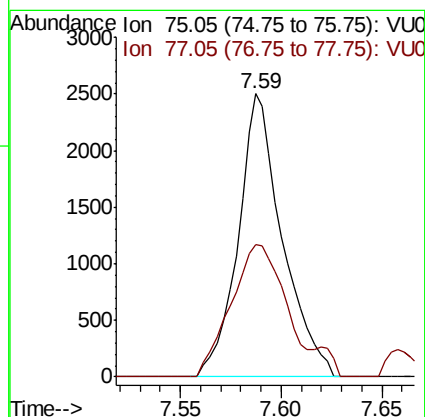
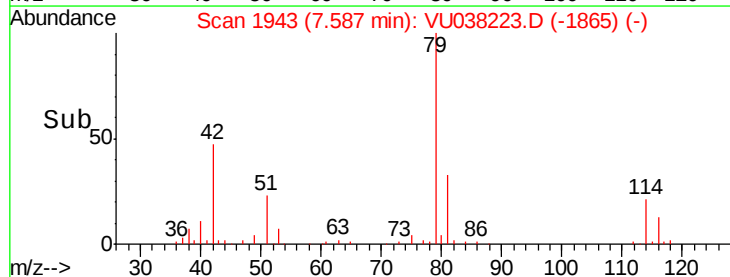
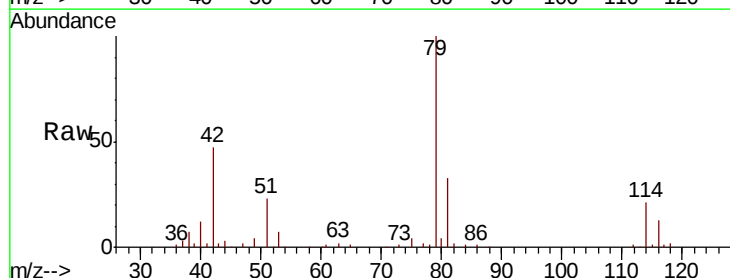
Acq: 18 May 2020 16:33

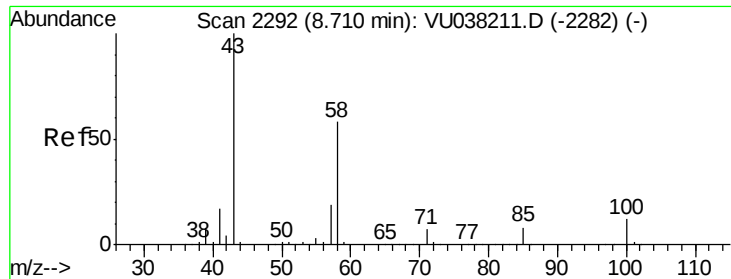
Tgt Ion: 75 Resp: 3816

Ion Ratio Lower Upper

75 100

77 46.9 22.4 41.6#

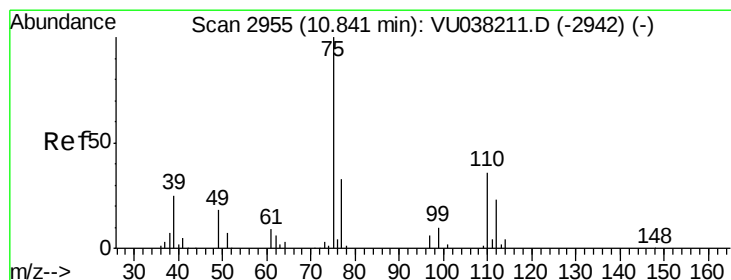
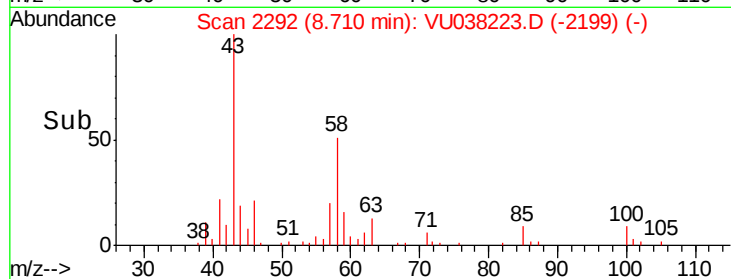
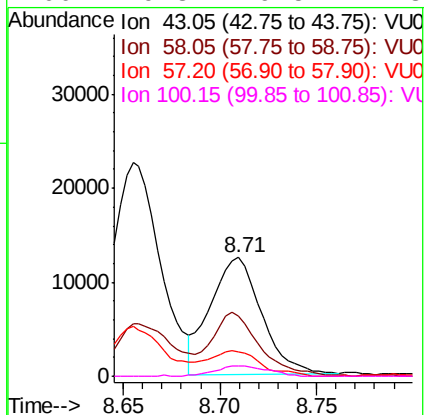
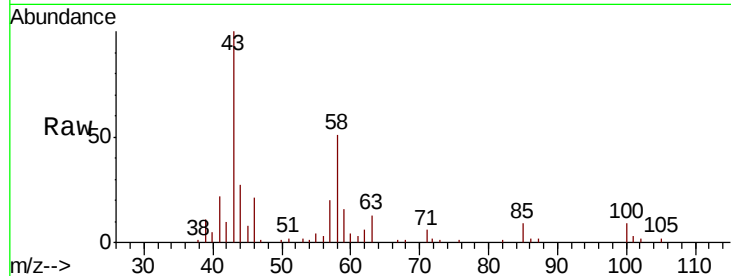




#48
 2-Hexanone
 Concen: 1.575 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: VU038223.D
 Acq: 18 May 2020 16:33

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 22895
 Ion Ratio Lower Upper
 43 100
 58 50.9 45.2 67.8
 57 21.9 15.5 23.3
 100 9.3 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.104 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038223.D
 Acq: 18 May 2020 16:33

Tgt Ion: 75 Resp: 21218
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.4 38.0

