

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038527.D
 Acq On : 03 Jun 2020 20:31
 Operator : SY/MD
 Sample : L2844-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF9

Quant Time: Jun 04 01:51:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291067	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55260	2.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.60%
7) Chloroethane-d5	1.93	69	58959	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.59	63	100636	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.67	46	293012	51.20	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	5.10	84	175741	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.74	65	109614	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.76	84	343421	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.72	67	111602	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.92	98	280705	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.20	79	43983	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.65	63	308853	66.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.42%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105492	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	128214	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

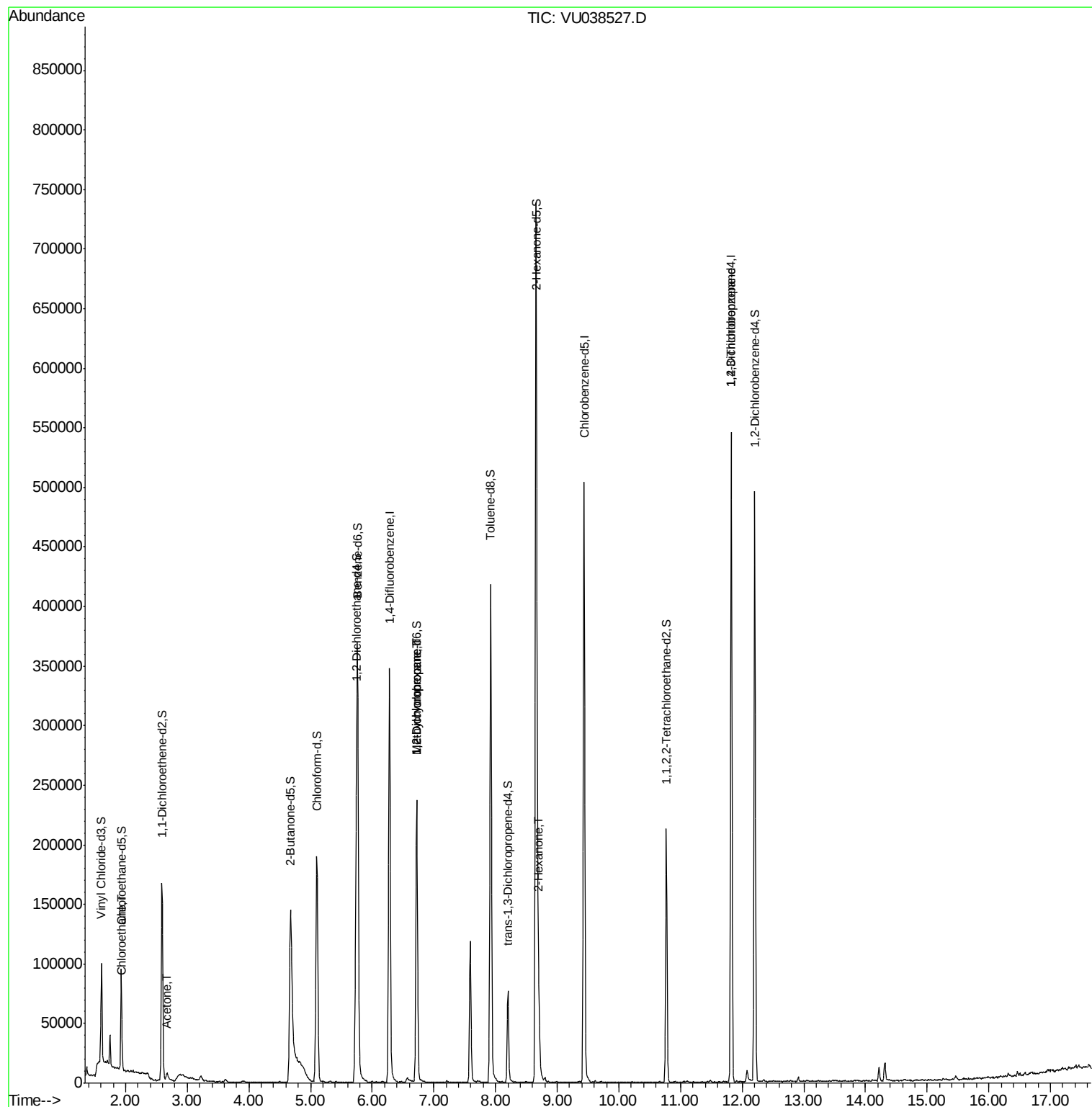
					Ovalue
8) Chloroethane	1.95	64	1181	0.087 ug/L #	56
13) Acetone	2.67	43	11991	3.202 ug/L	87
35) Methylcyclohexane	6.72	83	25498	0.795 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12041	0.600 ug/L #	86
48) 2-Hexanone	8.70	43	15473	1.423 ug/L #	89
59) 1,2,3-Trichloropropane	11.82	75	17306	1.155 ug/L #	88

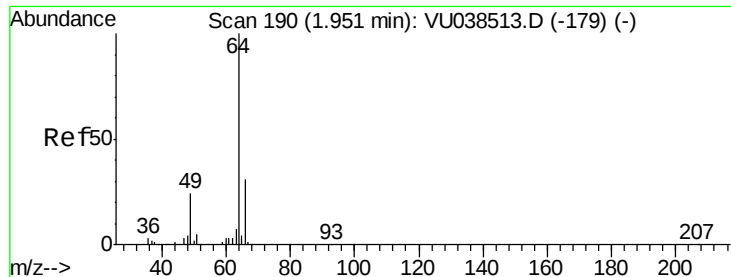
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038527.D

Acq: 03 Jun 2020 20:31

Instrument :

MSVOA_U

ClientSampleId :

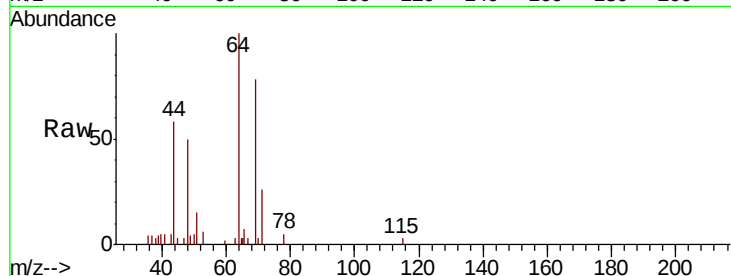
C0AF9

Tot Ion: 64 Resp: 1181

Ion Ratio Lower Upper

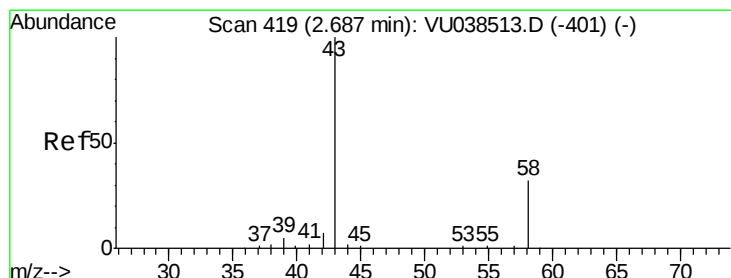
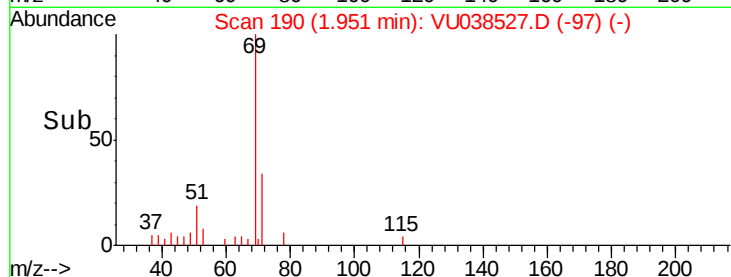
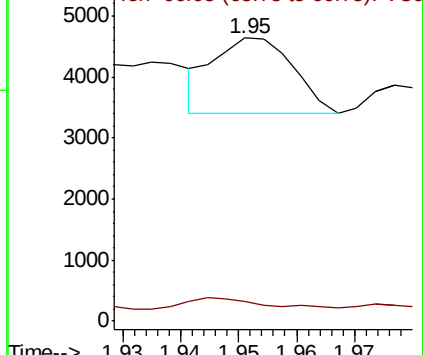
64 100

66 6.7 21.5 39.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 3.202 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

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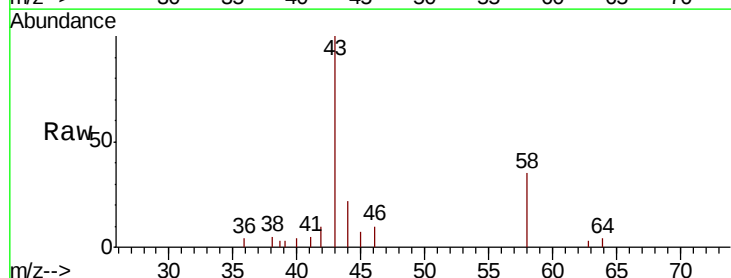
Acq: 03 Jun 2020 20:31

Tgt Ion: 43 Resp: 11991

Ion Ratio Lower Upper

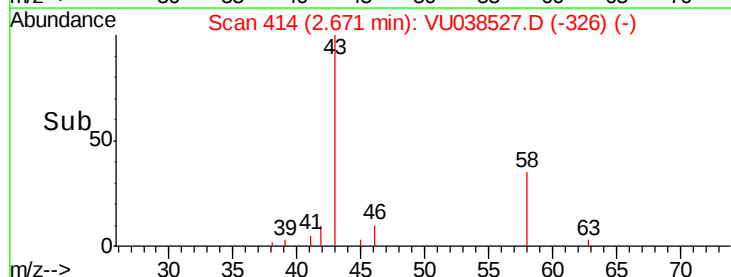
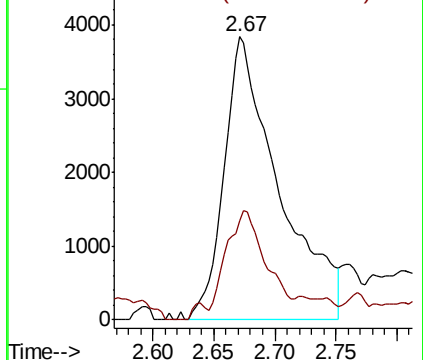
43 100

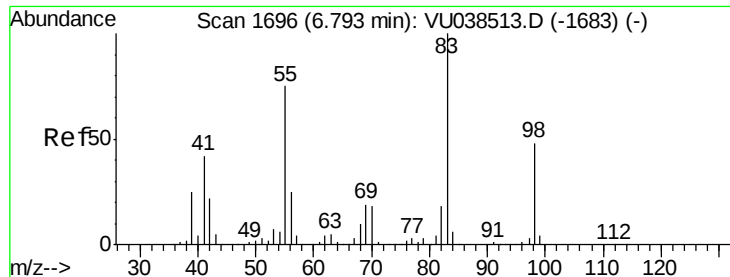
58 25.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

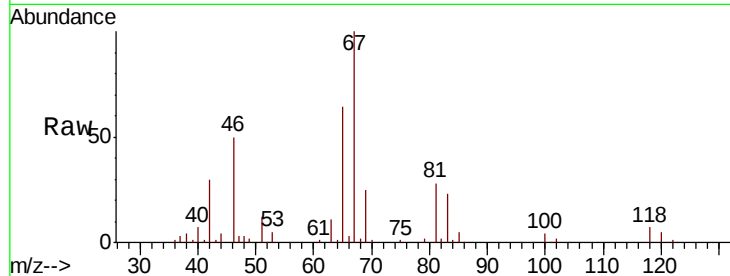




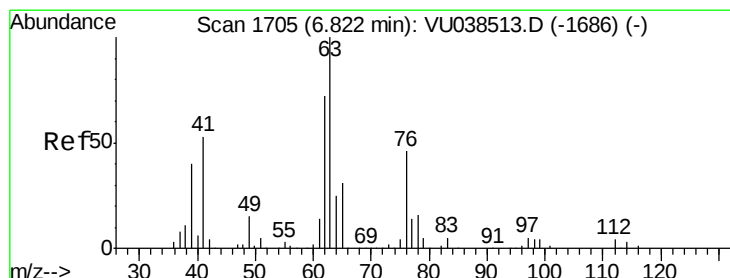
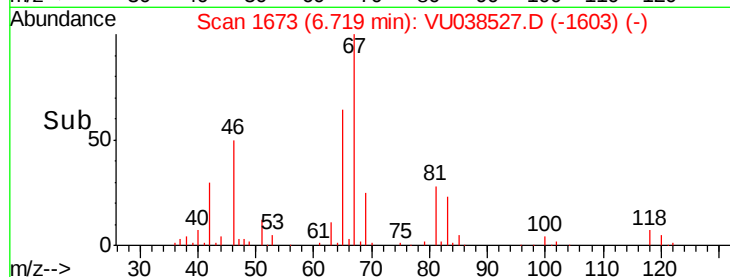
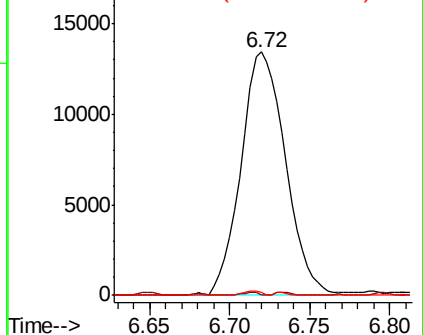
#35
Methvlcvclohexane
Concen: 0.795 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038527.D
Acq: 03 Jun 2020 20:31

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ClientSampleId :
C0AF9

Tot Ion: 83 Resp: 25498
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 0.7 39.0 58.4#

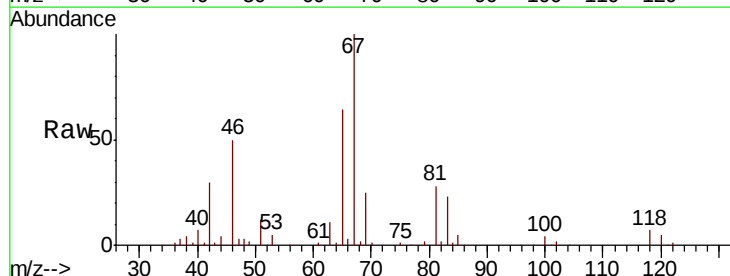


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

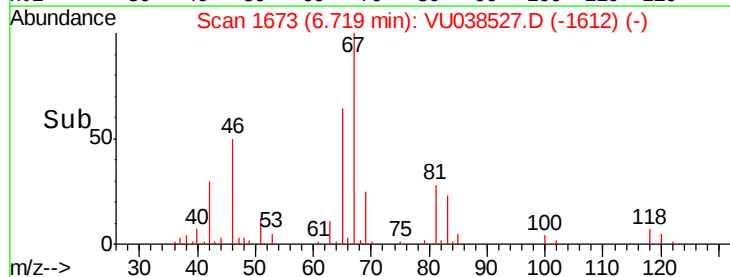
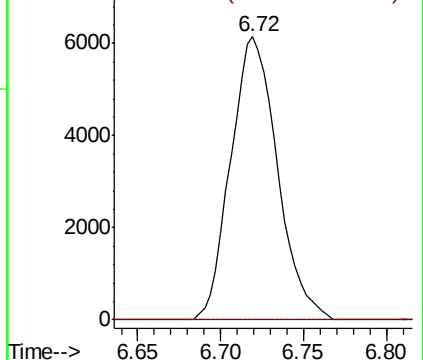


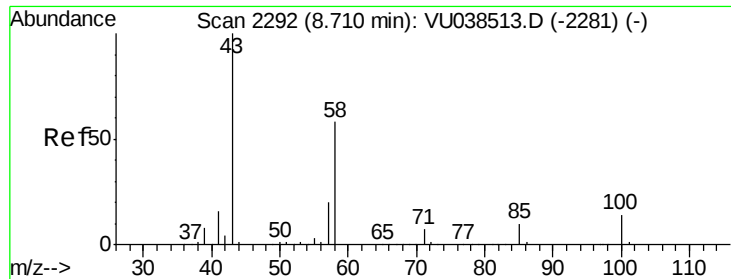
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038527.D
Acq: 03 Jun 2020 20:31

Tgt Ion: 63 Resp: 12041
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

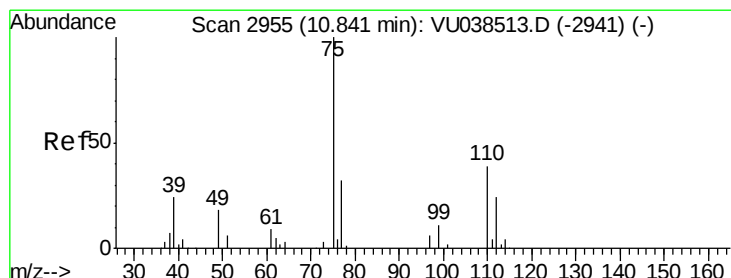
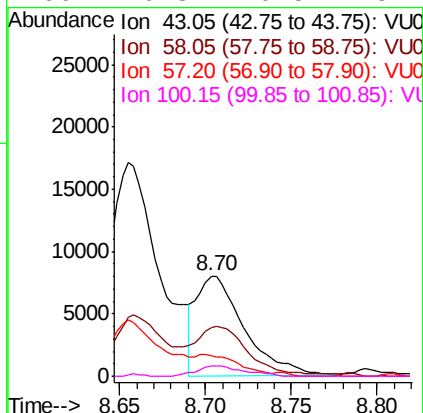
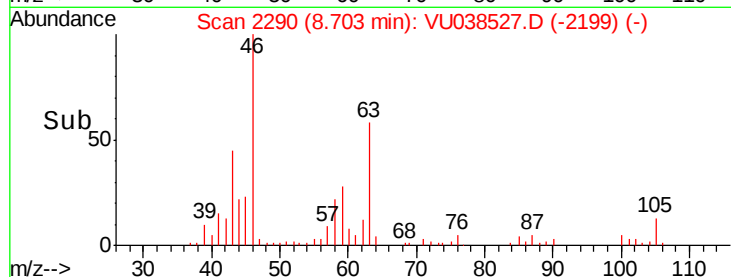
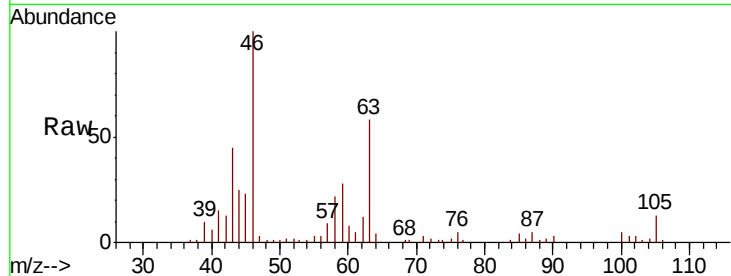




#48
 2-Hexanone
 Concen: 1.423 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: VU038527.D
 Acq: 03 Jun 2020 20:31

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 C0AF9

Tot Ion: 43 Resp: 15473
 Ion Ratio Lower Upper
 43 100
 58 55.7 45.4 68.0
 57 0.0 15.9 23.9#
 100 10.3 10.5 15.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.155 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038527.D
 Acq: 03 Jun 2020 20:31

Tgt Ion: 75 Resp: 17306
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.4 38.2#

