

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038212.D
 Acq On : 18 May 2020 11:50
 Operator : JC/MD
 Sample : VU0518WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 22:25:05 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	394885	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	382557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	181842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	180180	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.93	69	150491	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	215410	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.67	46	489475	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	5.10	84	263656	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	156311	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	566665	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.72	67	181076	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	498520	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	71196	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.66	63	379422	54.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	147433	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	179947	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

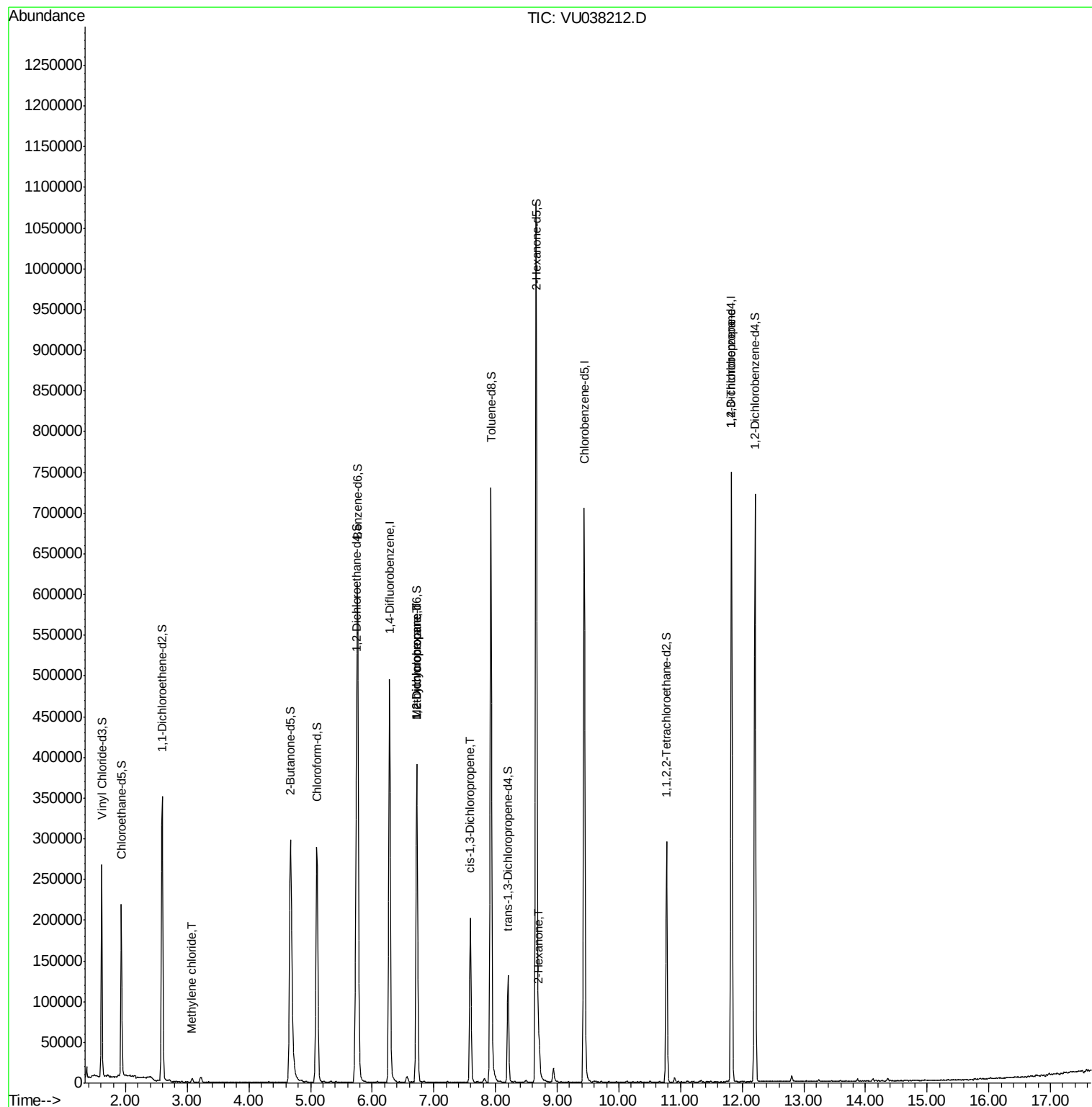
					Ovalue
16) Methylene chloride	3.08	84	2130	0.067 ug/L	97
35) Methylcyclohexane	6.72	83	41286	0.832 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	18983	0.570 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	5187	0.109 ug/L #	59
48) 2-Hexanone	8.71	43	22875	1.354 ug/L #	95
59) 1,2,3-Trichloropropane	11.83	75	25659	1.149 ug/L	96

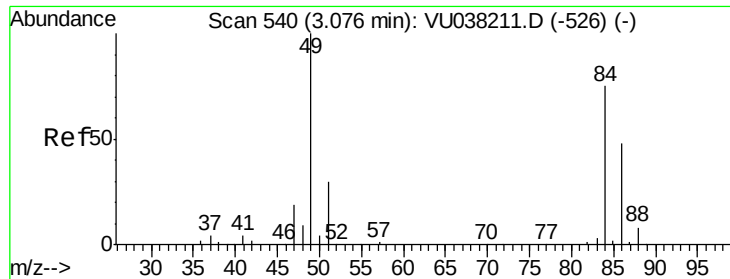
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

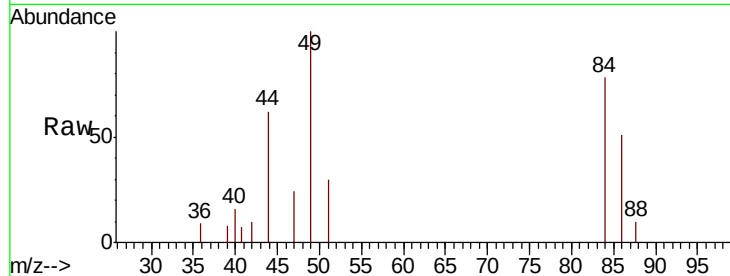




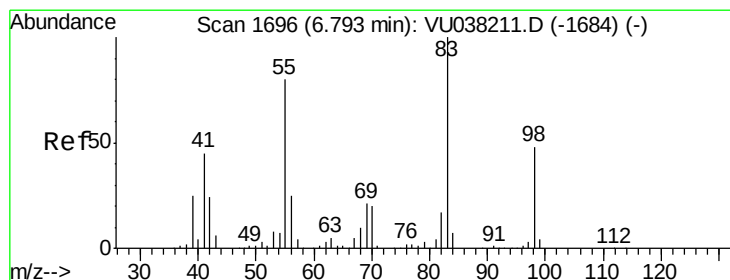
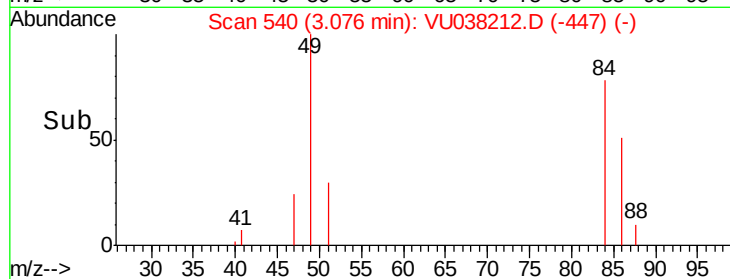
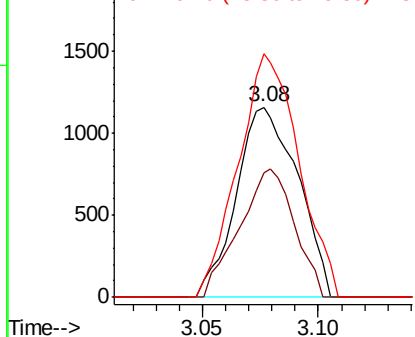
#16
Methvlene chloride
Concen: 0.067 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU038212.D
Acq: 18 May 2020 11:50

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 2130
Ion Ratio Lower Upper
84 100
86 65.3 44.9 83.3
49 127.9 92.0 170.9

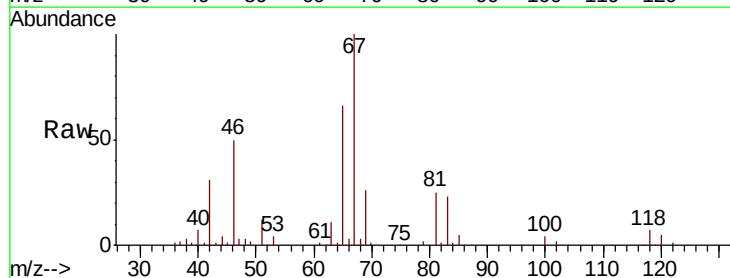


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

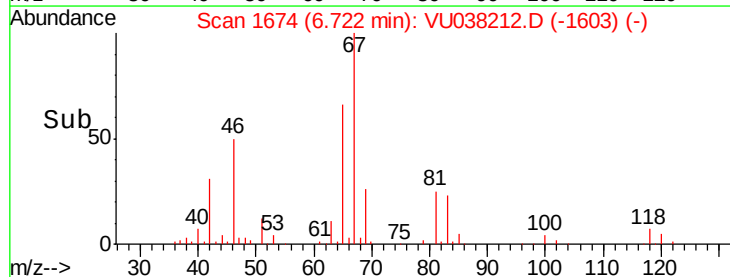
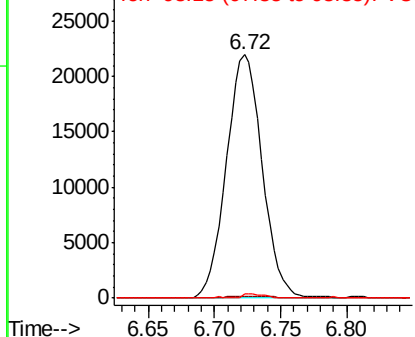


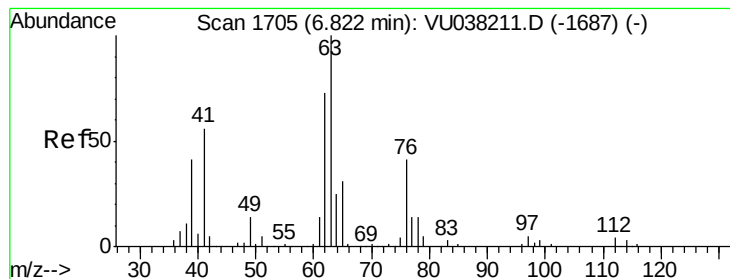
#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038212.D
Acq: 18 May 2020 11:50

Tgt Ion: 83 Resp: 41286
Ion Ratio Lower Upper
83 100
55 0.9 66.7 100.1#
98 1.0 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

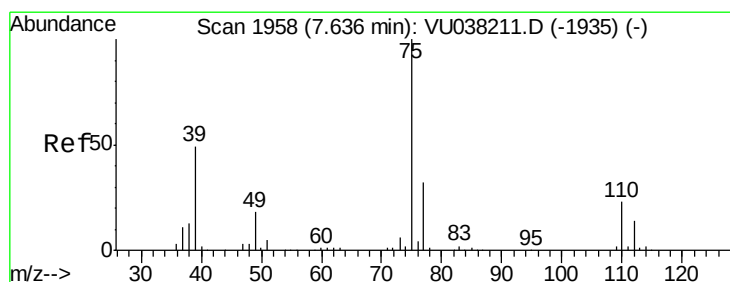
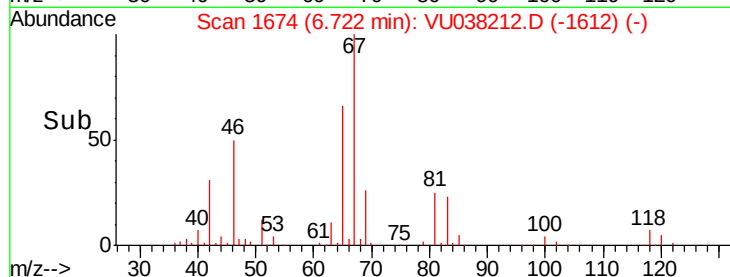
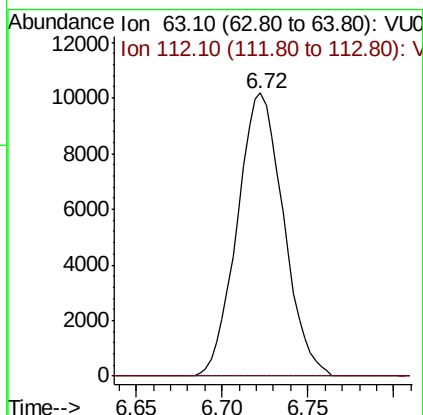
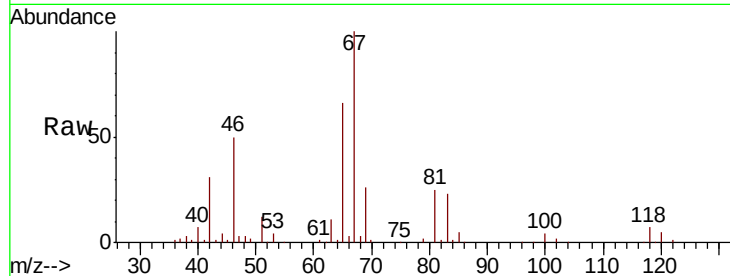




#37
 1,2-Dichloropropane
 Concen: 0.570 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038212.D
 Acq: 18 May 2020 11:50

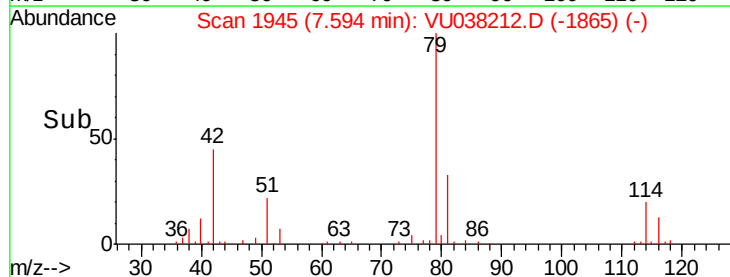
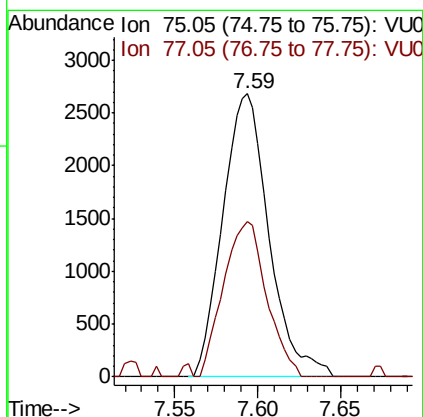
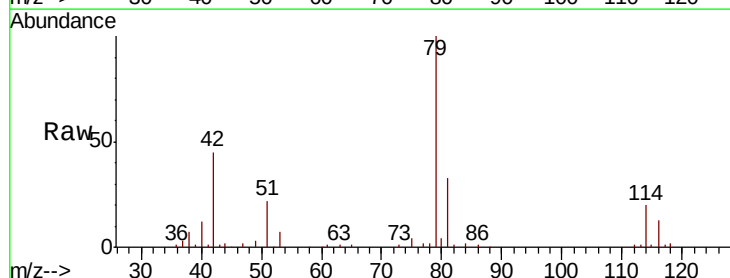
Instrument :
 MSVOA_U
 ClientSampleId :

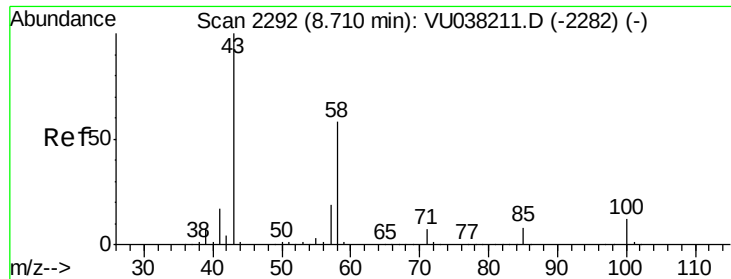
Tot Ion: 63 Resp: 18983
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038212.D
 Acq: 18 May 2020 11:50

Tgt Ion: 75 Resp: 5187
 Ion Ratio Lower Upper
 75 100
 77 54.8 22.4 41.6#

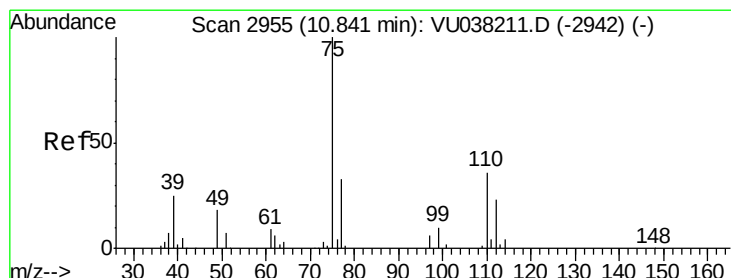
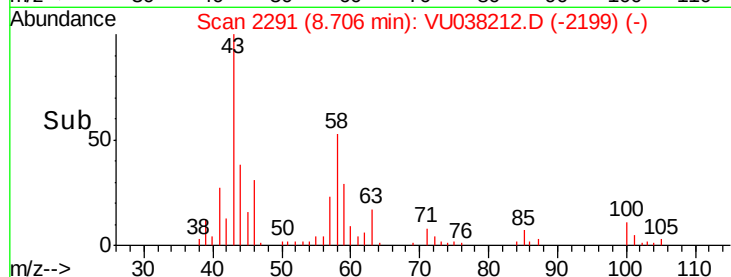
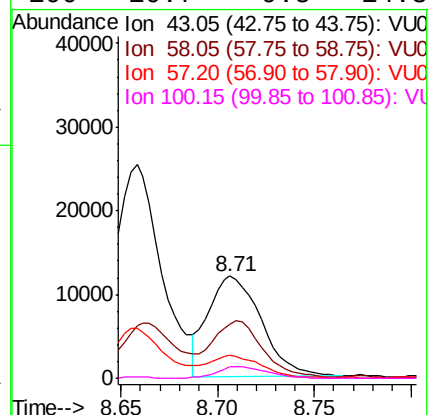
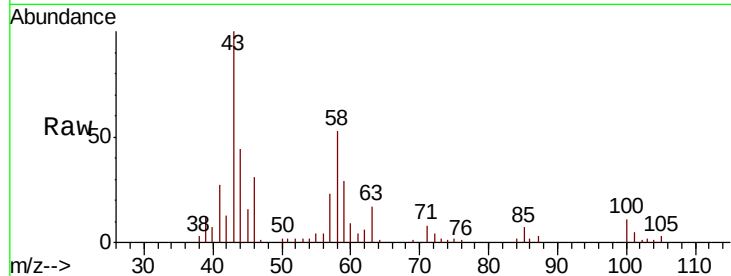




#48
 2-Hexanone
 Concen: 1.354 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038212.D
 Acq: 18 May 2020 11:50

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 43 Resp: 22875
 Ion Ratio Lower Upper
 43 100
 58 53.9 45.2 67.8
 57 23.4 15.5 23.3#
 100 10.7 9.5 14.3



#59
 1,2,3-Trichloropropane
 Concen: 1.149 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038212.D
 Acq: 18 May 2020 11:50

Tgt Ion: 75 Resp: 25659
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.0

