

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
 Data File : VU038125.D
 Acq On : 12 May 2020 15:36
 Operator : JC/MD
 Sample : L2599-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:16:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 01:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	380501	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	370474	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	178664	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	164490	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	132916	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	194562	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.67	46	459686	53.53	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	5.10	84	228509	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.74	65	142799	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	519091	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.72	67	162820	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.92	98	455967	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.20	79	64927	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.65	63	355344	52.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	137326	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	168030	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

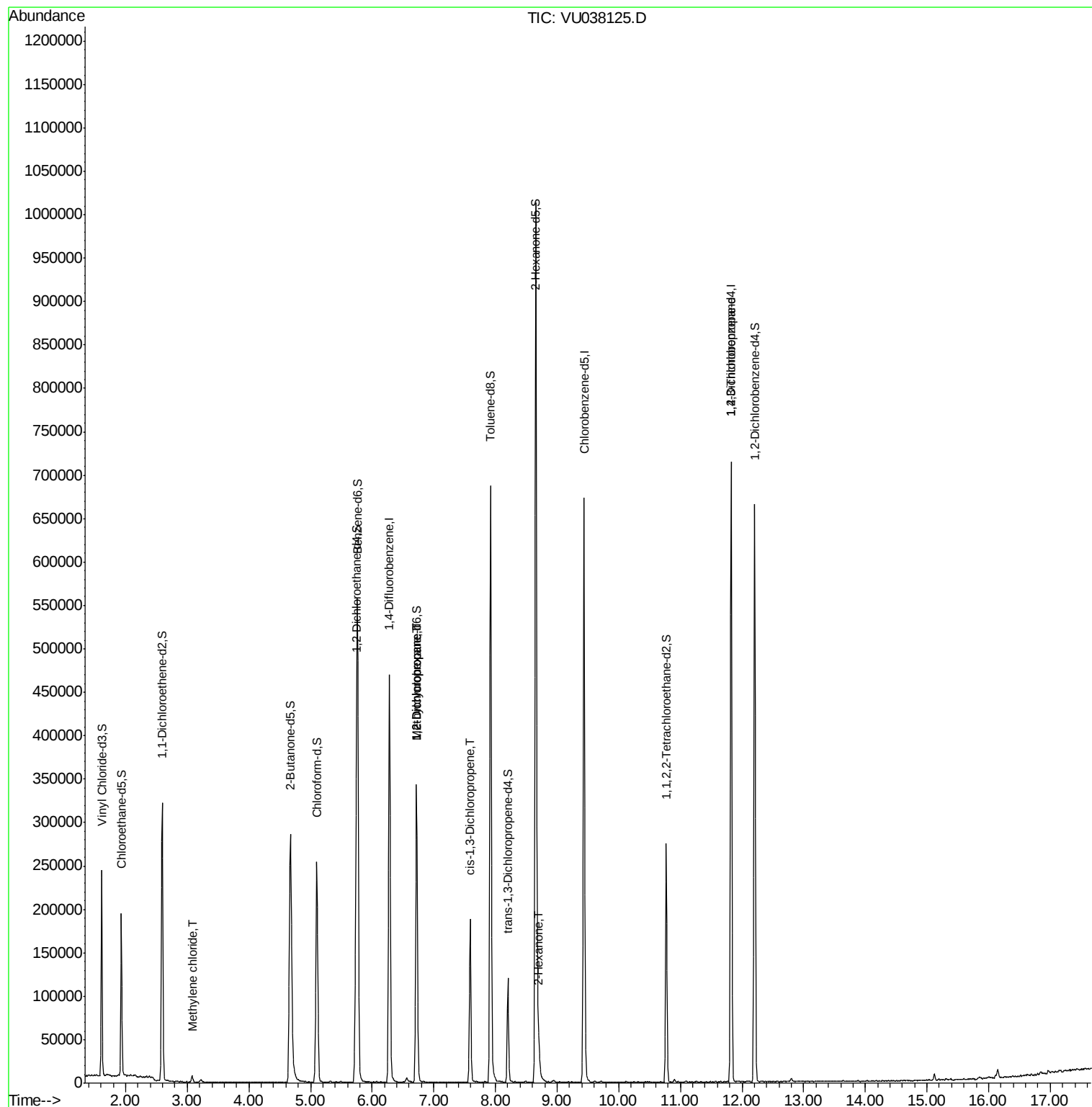
					Ovalue
16) Methylene chloride	3.08	84	3197	0.104 ug/L	89
35) Methylcyclohexane	6.72	83	37523	0.781 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	17072	0.530 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4061	0.088 ug/L #	75
48) 2-Hexanone	8.71	43	21977	1.344 ug/L #	95
59) 1,2,3-Trichloropropane	11.82	75	24911	1.152 ug/L	95

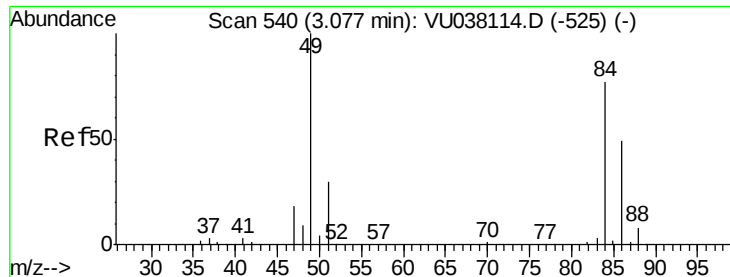
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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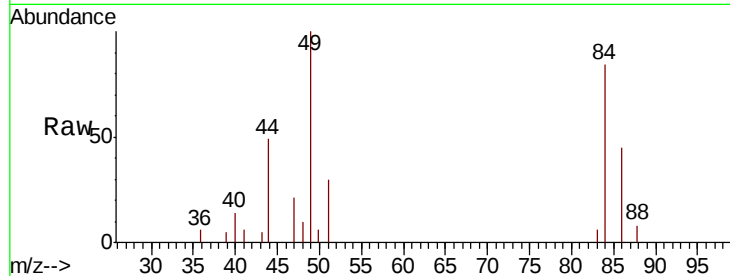




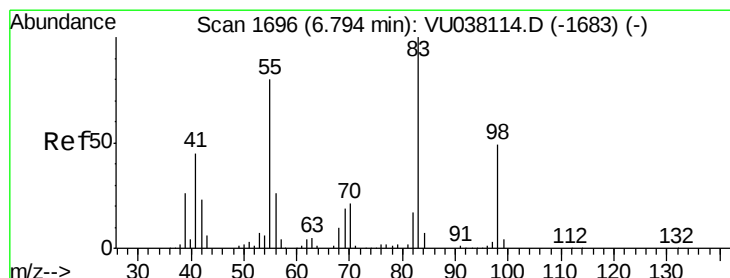
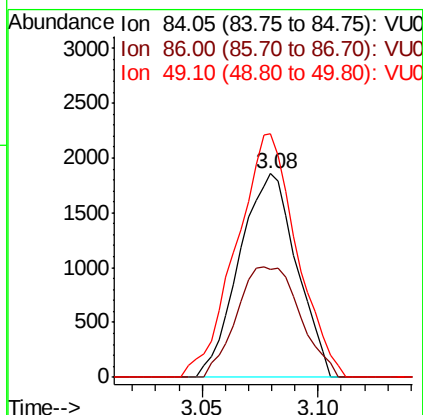
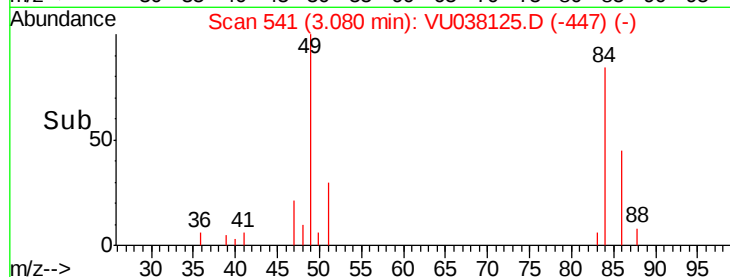
#16
Methylene chloride
Concen: 0.104 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038125.D
Acq: 12 May 2020 15:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 3197
Ion Ratio Lower Upper
84 100
86 53.3 44.9 83.3
49 119.5 92.0 170.9

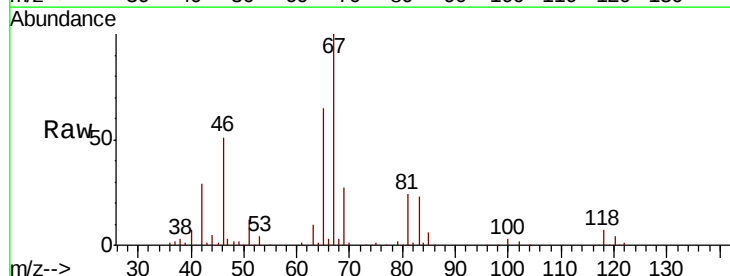


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

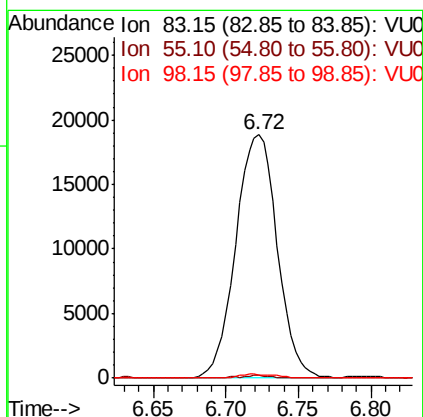
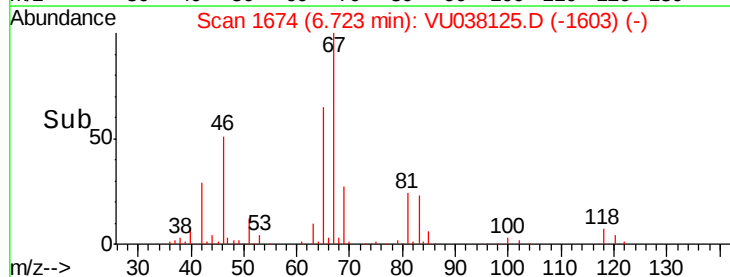


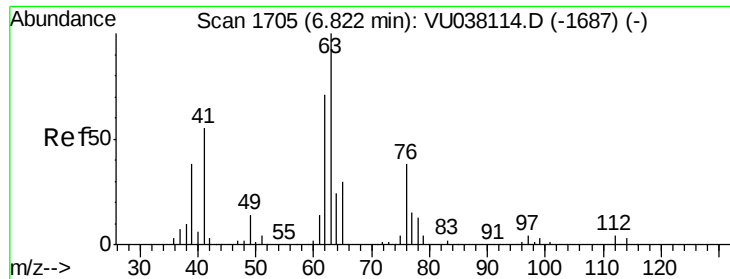
#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038125.D
Acq: 12 May 2020 15:36

Tgt Ion: 83 Resp: 37523
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 1.3 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

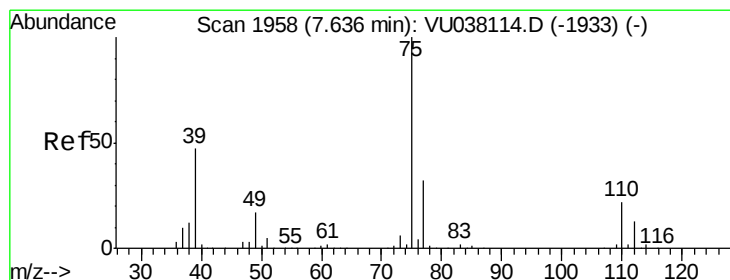
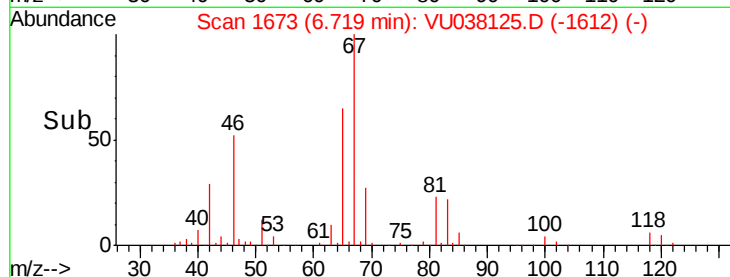
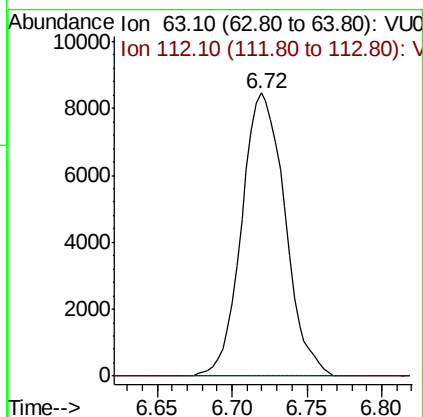
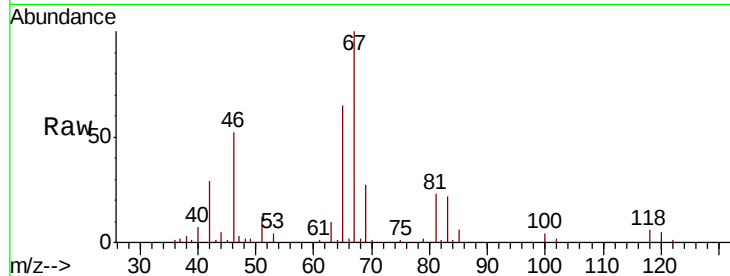




#37
 1,2-Dichloropropane
 Concen: 0.530 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038125.D
 Acq: 12 May 2020 15:36

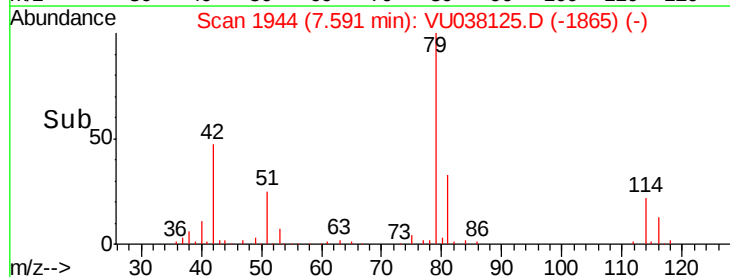
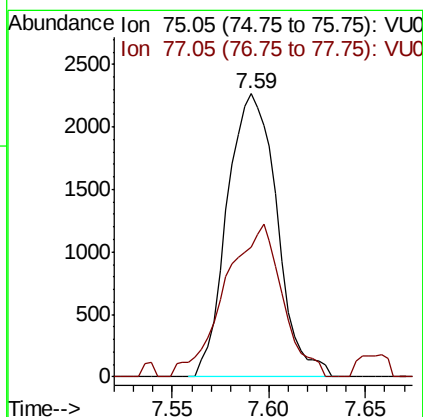
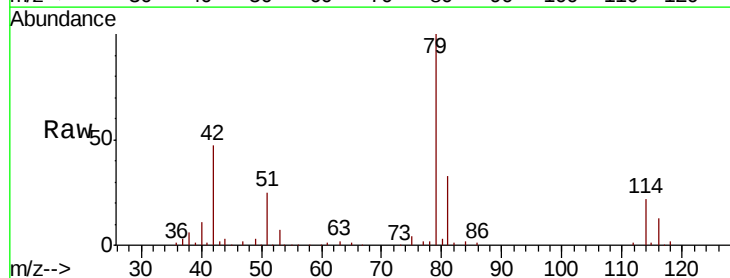
Instrument :
 MSVOA_U
 ClientSampleId :

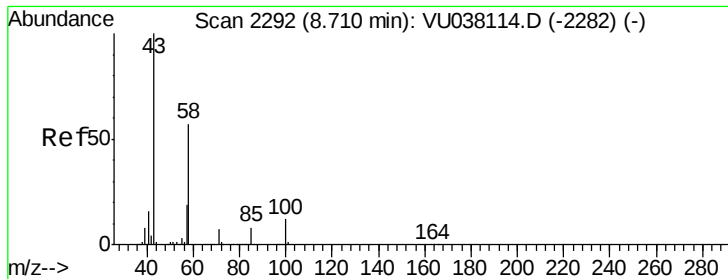
Tot Ion: 63 Resp: 17072
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038125.D
 Acq: 12 May 2020 15:36

Tgt Ion: 75 Resp: 4061
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.4 41.6#

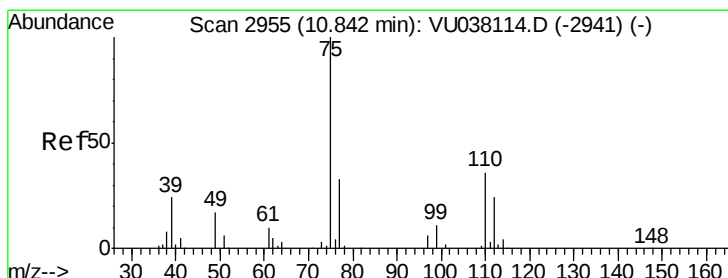
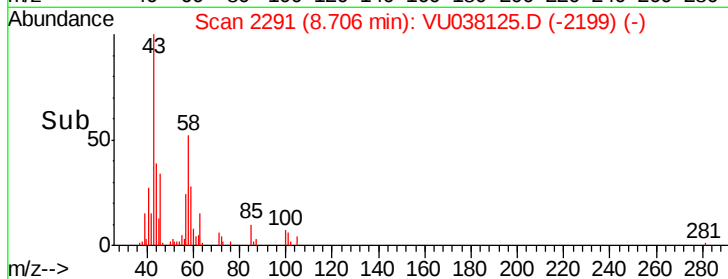
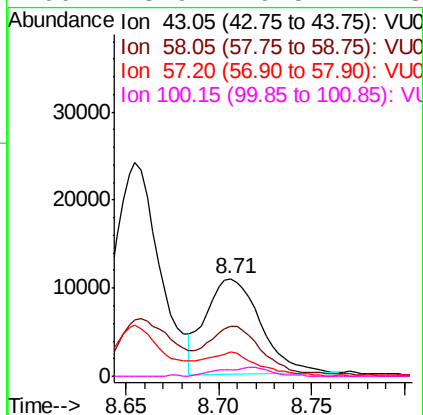
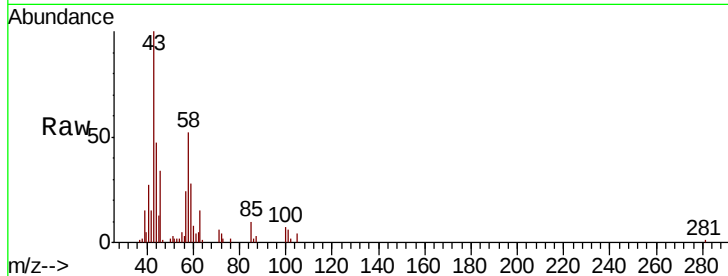




#48
 2-Hexanone
 Concen: 1.344 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038125.D
 Acq: 12 May 2020 15:36

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 21977
 Ion Ratio Lower Upper
 43 100
 58 54.5 45.2 67.8
 57 24.0 15.5 23.3#
 100 8.9 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.152 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038125.D
 Acq: 12 May 2020 15:36

Tgt Ion: 75 Resp: 24911
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.4 38.0

