

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038944.D
 Acq On : 17 Jun 2020 15:21
 Operator : SY/MD
 Sample : L3040-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L69

Quant Time: Jun 18 04:09:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	344958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	342295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83428	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	91740	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.59	63	133006	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.67	46	292801	38.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.42%
24) Chloroform-d	5.10	84	184168	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.74	65	110394	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	5.76	84	355939	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.72	67	111730	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.80%
41) Toluene-d8	7.92	98	300820	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	8.20	79	48844	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.66	63	298766	44.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101902	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	127160	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

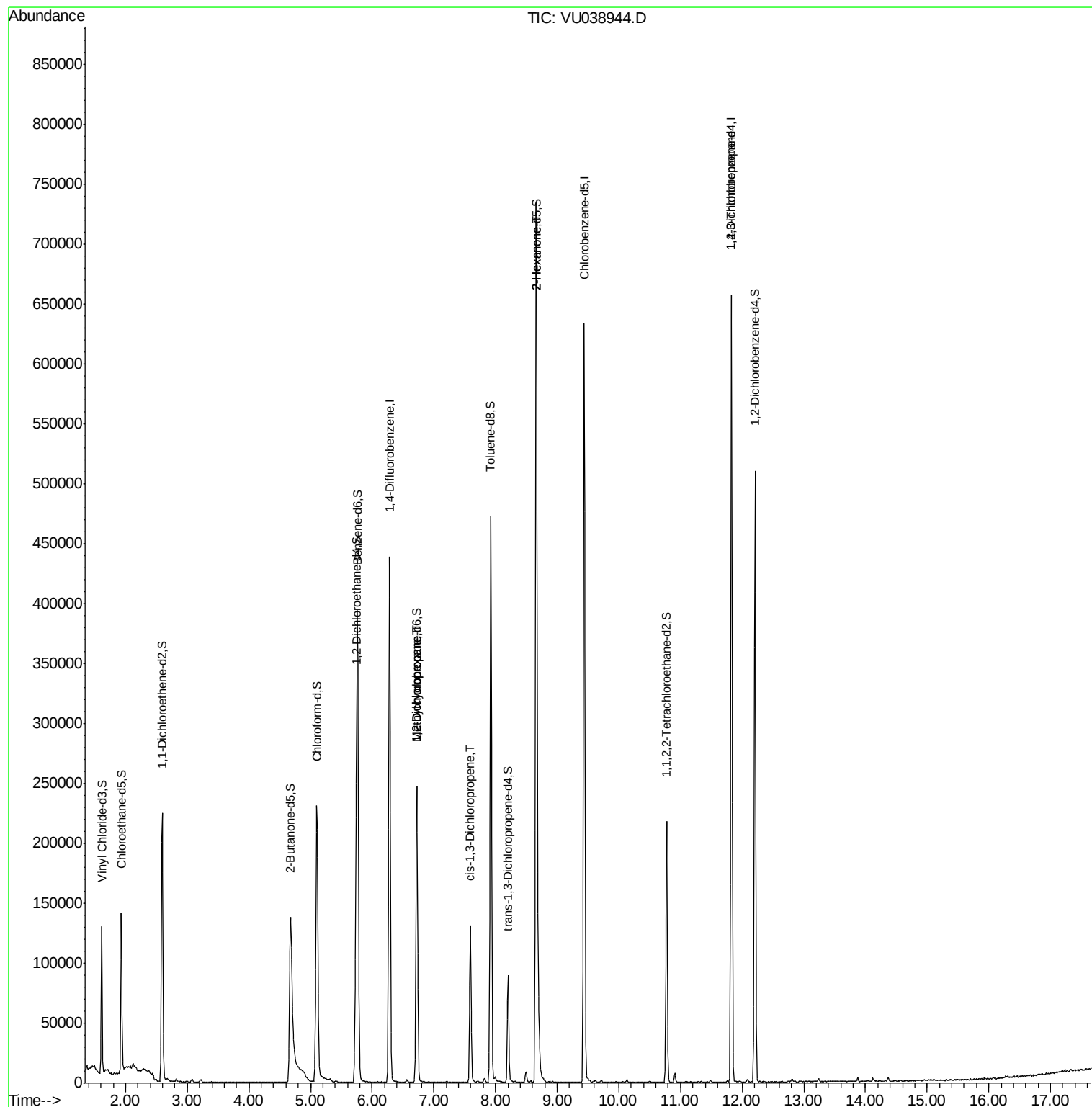
					Ovalue
35) Methylcyclohexane	6.72	83	27816	0.676 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12263	0.459 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	3419	0.087 ug/L #	57
48) 2-Hexanone	8.66	43	32303	2.318 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	20969	1.018 ug/L #	88

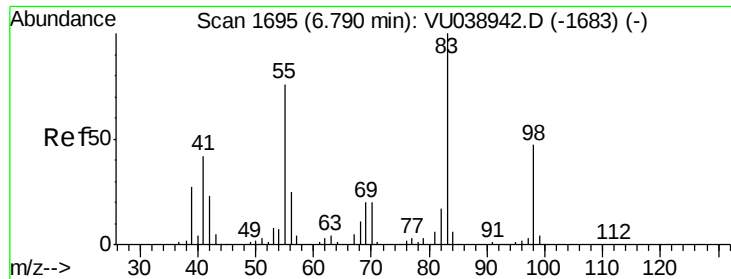
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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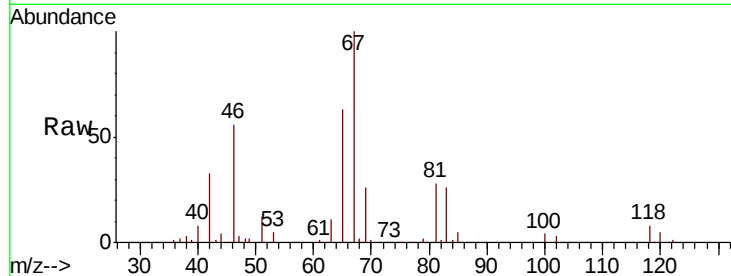




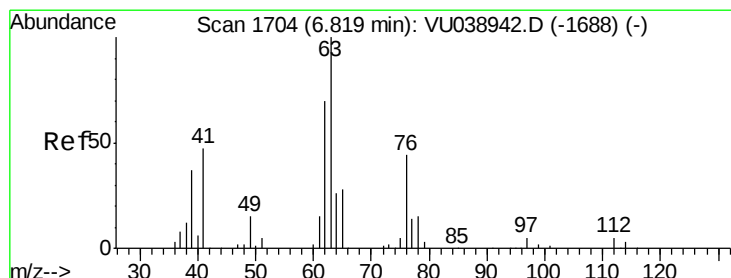
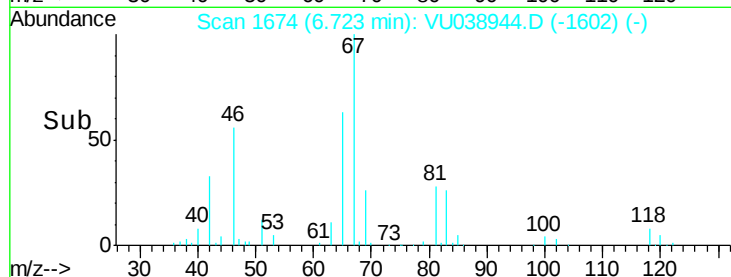
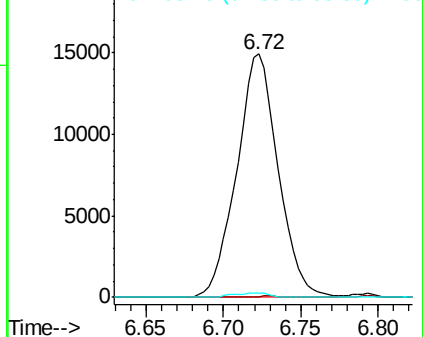
#35
Methvlcvclohexane
Concen: 0.676 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038944.D
Acq: 17 Jun 2020 15:21

Instrument :
MSVOA_U
ClientSampleId :
F9L69

Tot Ion: 83 Resp: 27816
Ion Ratio Lower Upper
83 100
55 0.3 61.8 92.8#
98 1.5 39.3 58.9#

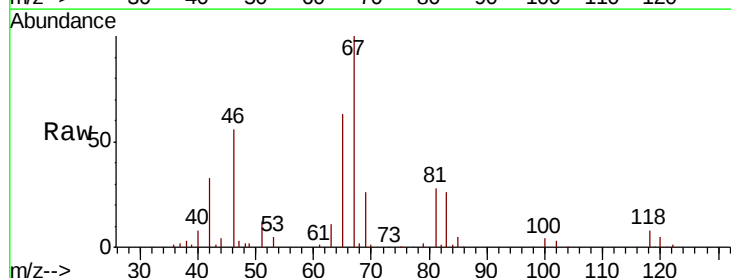


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

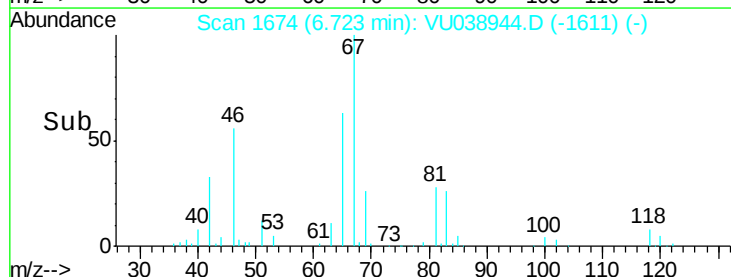
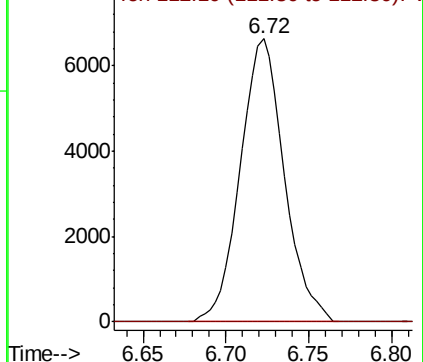


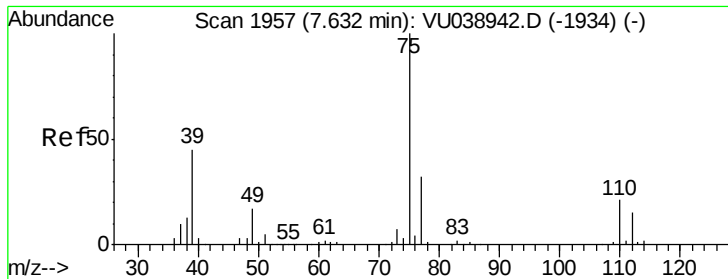
#37
1,2-Dichloropropane
Concen: 0.459 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038944.D
Acq: 17 Jun 2020 15:21

Tgt Ion: 63 Resp: 12263
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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



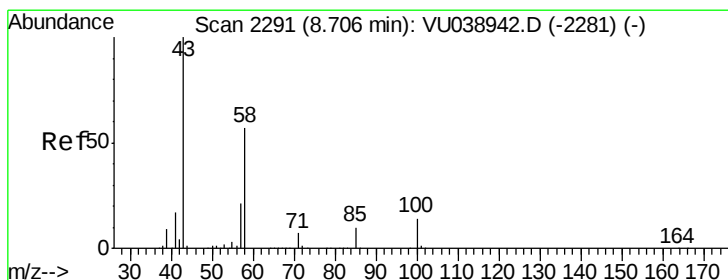
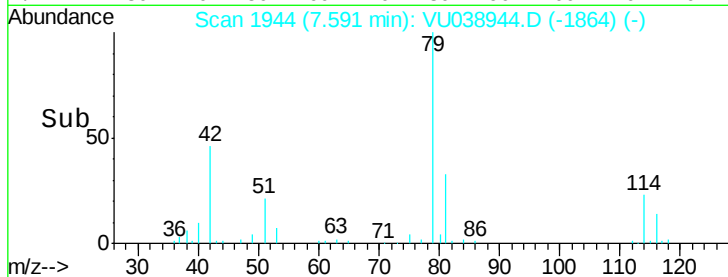
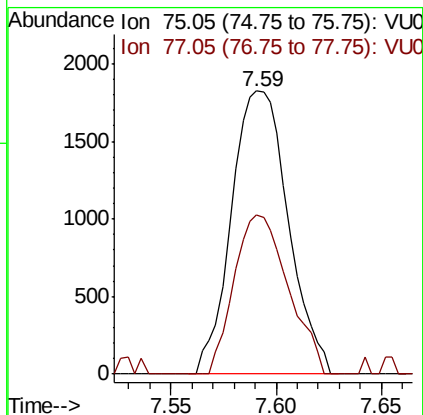
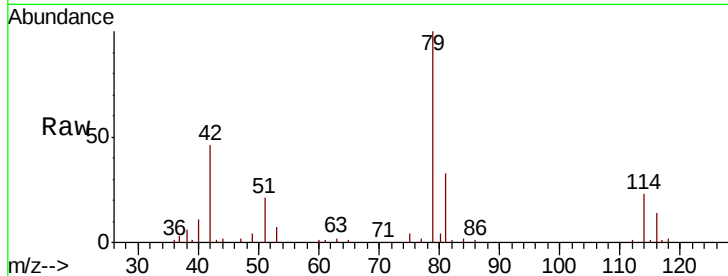


#39

cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038944.D
 Acq: 17 Jun 2020 15:21

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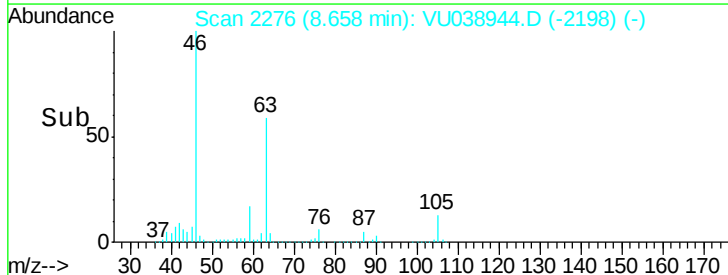
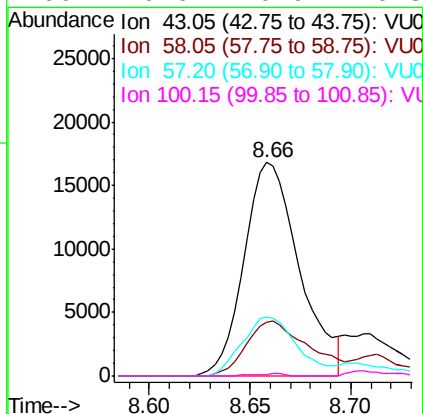
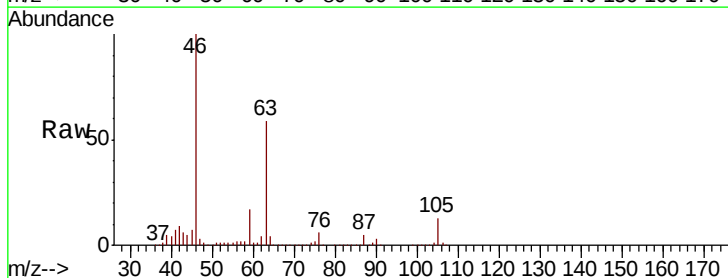
Tot Ion: 75 Resp: 3419
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.4 41.6#

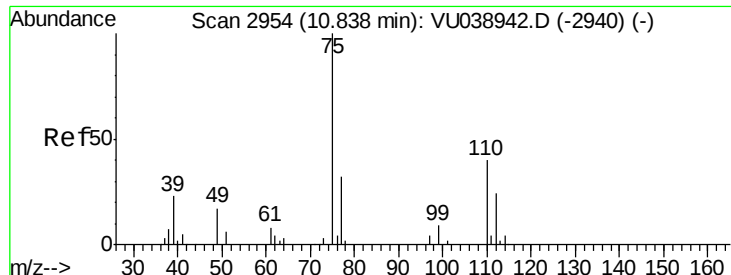


#48

2-Hexanone
 Concen: 2.318 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU038944.D
 Acq: 17 Jun 2020 15:21

Tgt Ion: 43 Resp: 32303
 Ion Ratio Lower Upper
 43 100
 58 28.9 45.2 67.8#
 57 27.2 16.1 24.1#
 100 0.6 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 1.018 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038944.D

Acq: 17 Jun 2020 15:21

Instrument :

MSVOA_U

ClientSampleId :

F9L69

Tot Ion: 75 Resp: 20969

Ion Ratio Lower Upper

75 100

77 38.2 25.4 38.0#

