

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036830.D
 Acq On : 18 Feb 2020 12:47
 Operator : JC/MD
 Sample : L1540-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 04:55:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 04:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	116319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	111218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43702	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35216	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.93	69	34745	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.59	63	48100	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.68	46	103710	49.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	5.11	84	67237	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.74	65	39333	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.76	84	144478	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.73	67	47464	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.93	98	125043	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.20	79	16984	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.66	63	86304	45.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37386	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	39977	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

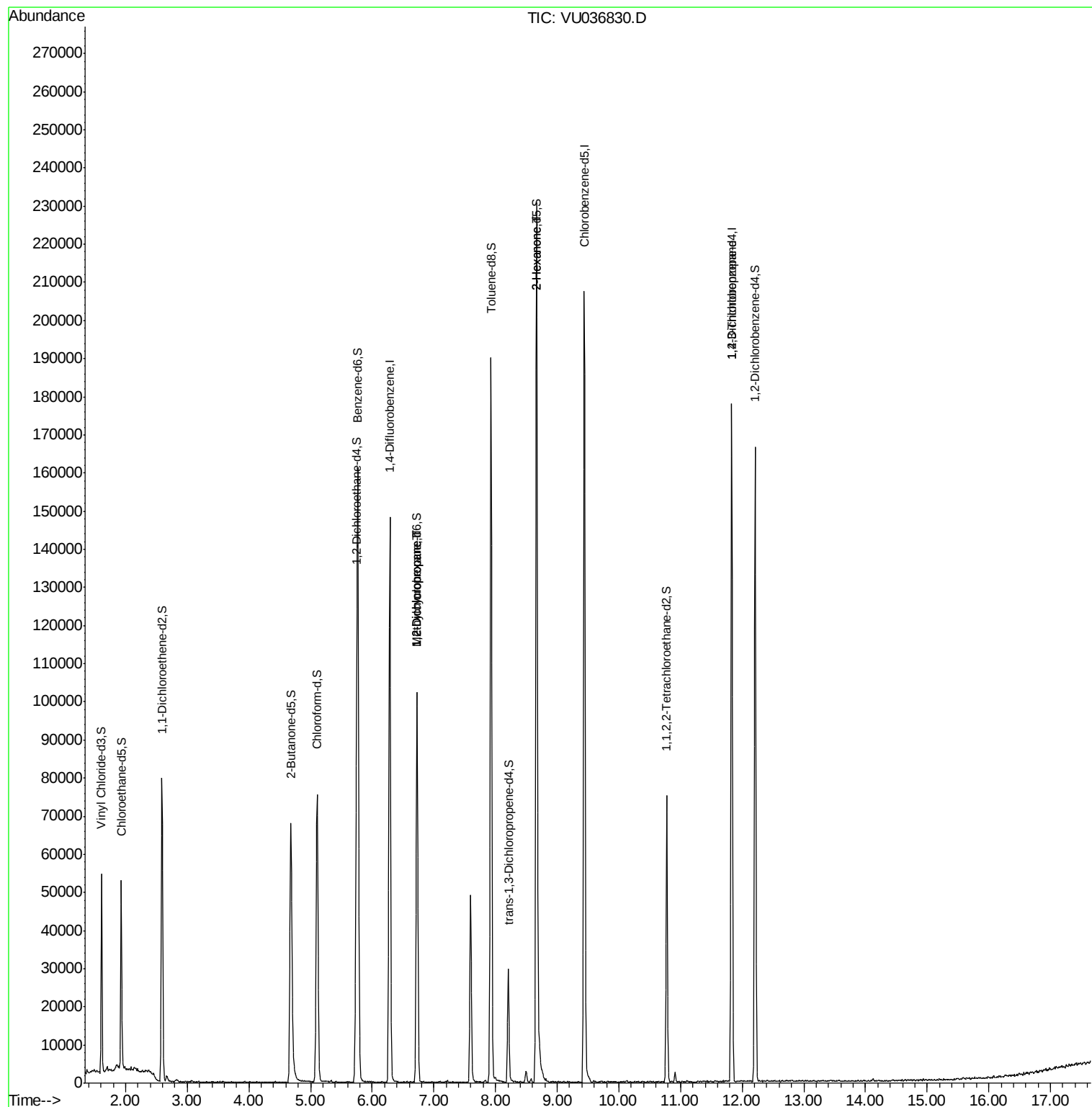
					Ovalue
35) Methylcyclohexane	6.73	83	10370	0.748 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5249	0.560 ug/L #	89
48) 2-Hexanone	8.66	43	9843	1.903 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	6732	1.089 ug/L	89

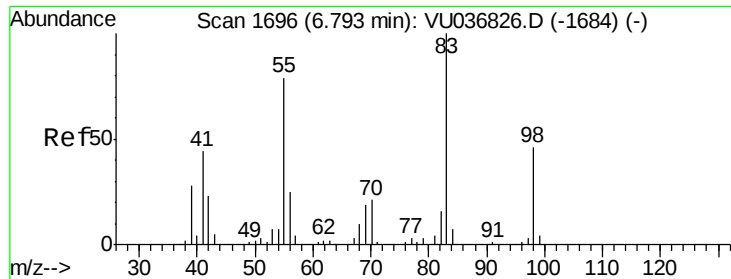
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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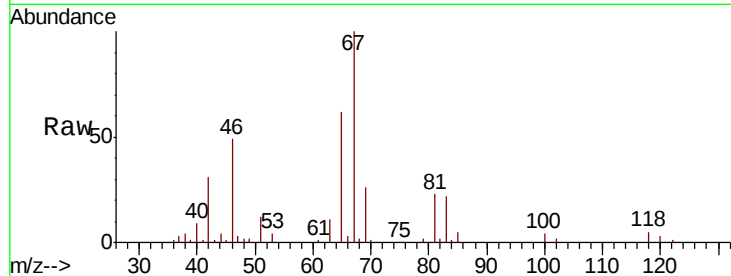




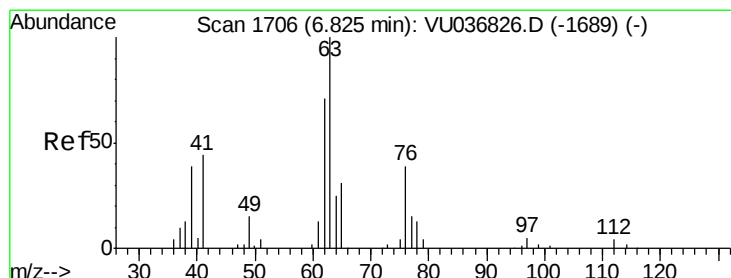
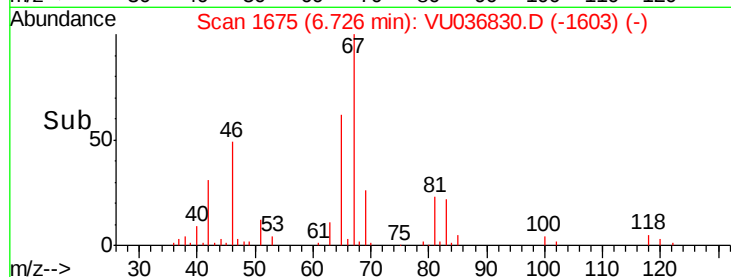
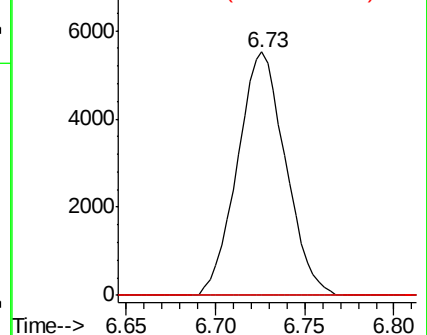
#35
Methvlcvclohexane
Concen: 0.748 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036830.D
Acq: 18 Feb 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10370
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 34.2 51.4#

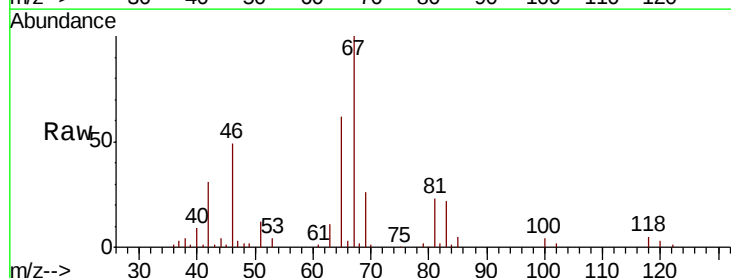


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

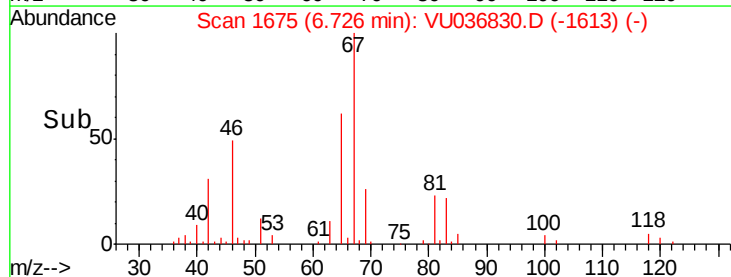
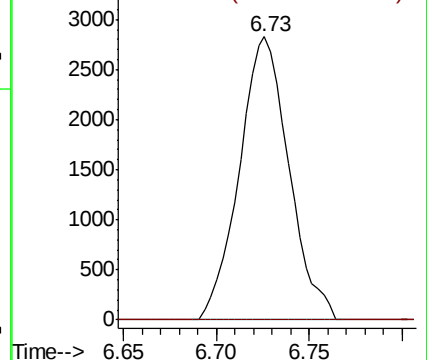


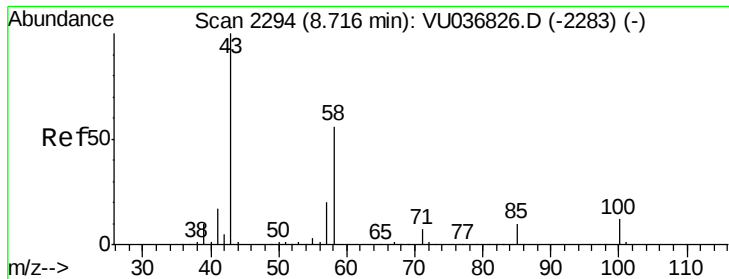
#37
1,2-Dichloropropane
Concen: 0.560 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036830.D
Acq: 18 Feb 2020 12:47

Tgt Ion: 63 Resp: 5249
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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





#48

2-Hexanone

Concen: 1.903 ug/L

RT: 8.66 min Scan# 2278

Delta R.T. -0.05 min

Lab File: VU036830.D

Acq: 18 Feb 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9843

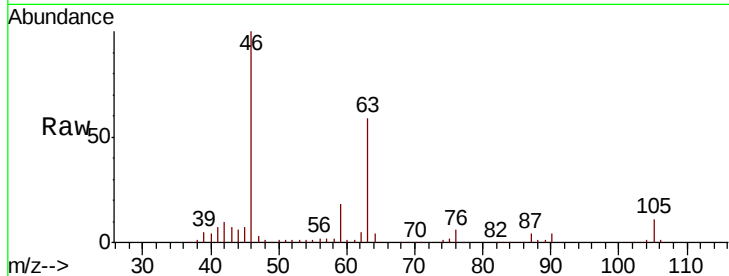
Ion Ratio Lower Upper

43 100

58 28.3 43.6 65.4#

57 26.4 15.0 22.4#

100 0.0 9.0 13.6#

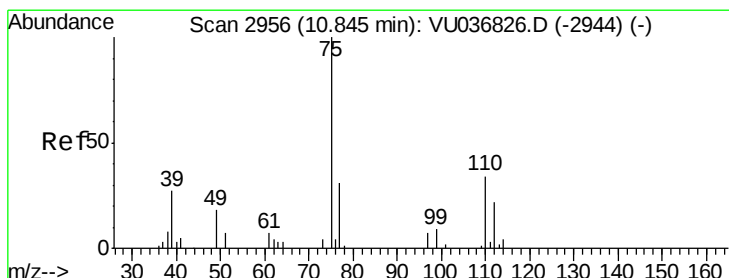
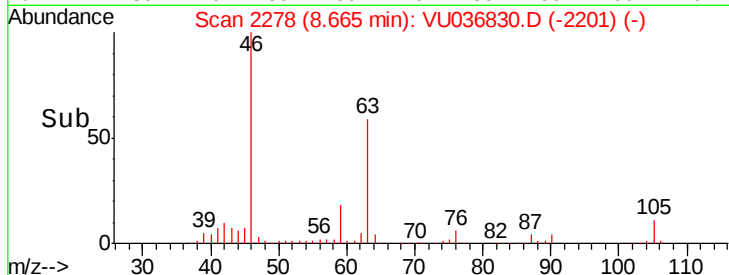
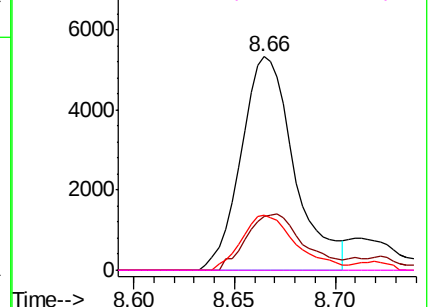


Abundance Ion 43.05 (42.75 to 43.75): VU036830.D (-2278) (-)

Ion 58.05 (57.75 to 58.75): VU036830.D (-2278) (-)

Ion 57.20 (56.90 to 57.90): VU036830.D (-2278) (-)

Ion 100.15 (99.85 to 100.85): VU036830.D (-2278) (-)



#59

1,2,3-Trichloropropane

Concen: 1.089 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU036830.D

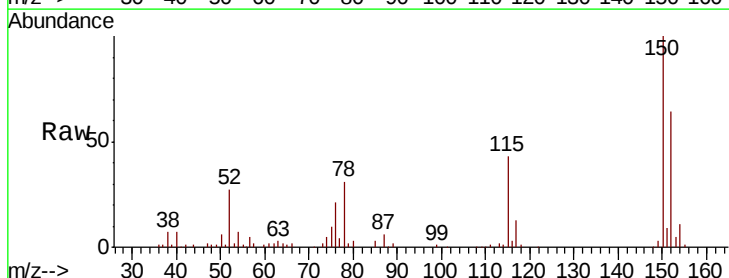
Acq: 18 Feb 2020 12:47

Tgt Ion: 75 Resp: 6732

Ion Ratio Lower Upper

75 100

77 38.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU036830.D (-2334) (-)

Ion 77.00 (76.70 to 77.70): VU036830.D (-2334) (-)

