

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036829.D
 Acq On : 18 Feb 2020 12:22
 Operator : JC/MD
 Sample : L1540-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 04:55:52 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	122459	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	115605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46524	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35985	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.93	69	37181	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.59	63	50213	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.69	46	109869	49.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.50%
24) Chloroform-d	5.11	84	69379	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.74	65	41333	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.76	84	149182	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.73	67	49714	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.93	98	132185	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.21	79	16437	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.66	63	88498	44.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37674	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	42171	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

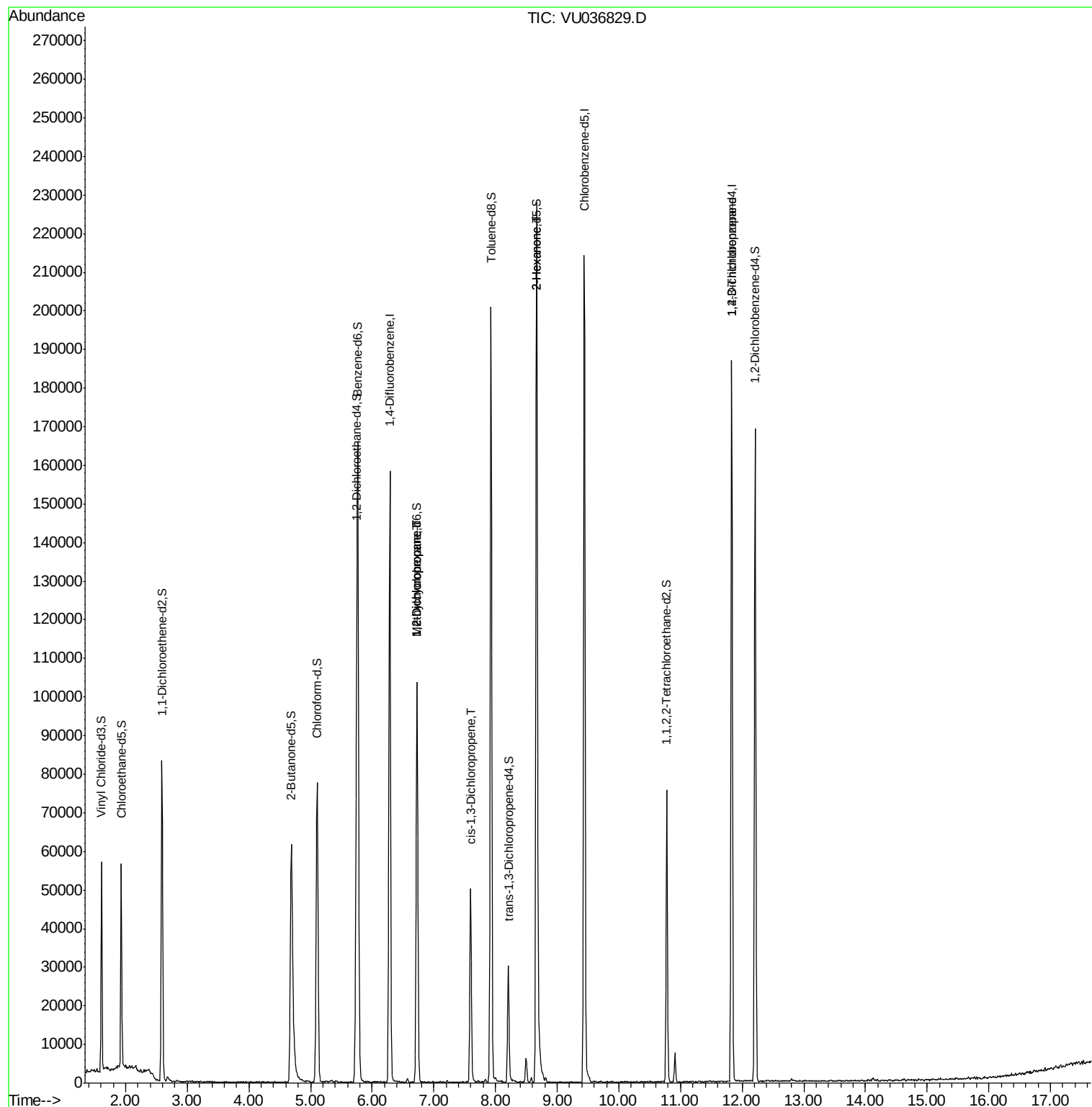
				Ovalue
35) Methylcyclohexane	6.73	83	10699	0.742 ug/L # 19
37) 1,2-Dichloropropane	6.73	63	5298	0.544 ug/L # 89
39) cis-1,3-Dichloropropene	7.59	75	1082	0.077 ug/L # 50
48) 2-Hexanone	8.66	43	10391	1.933 ug/L # 68
59) 1,2,3-Trichloropropane	11.83	75	6940	1.080 ug/L 94

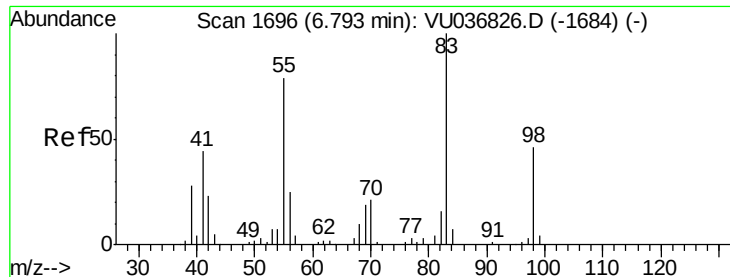
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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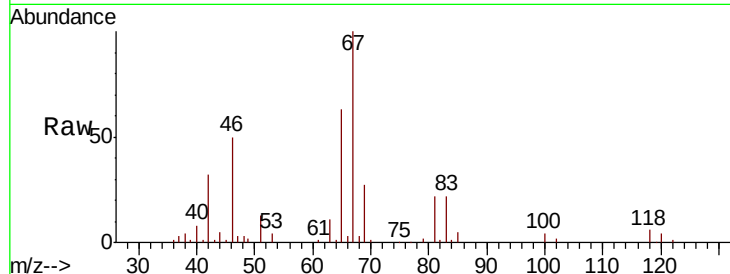




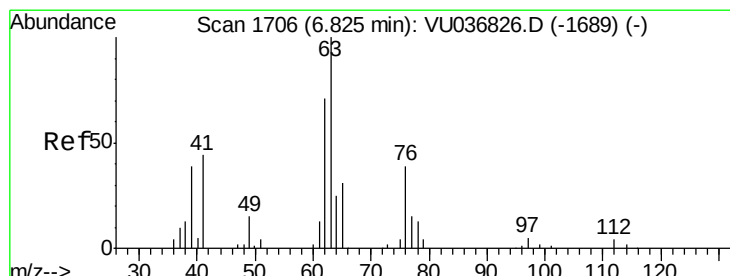
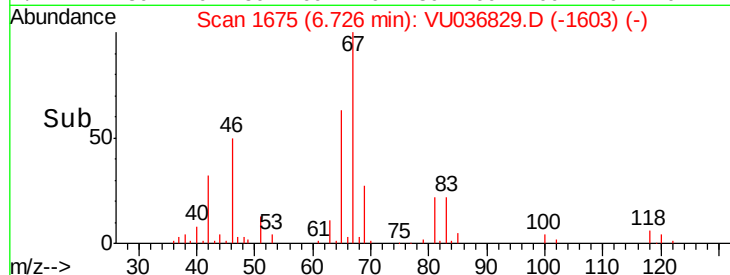
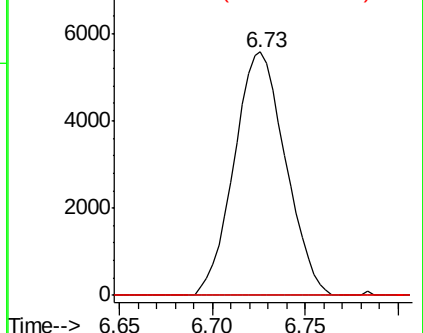
#35
Methvlcvclohexane
Concen: 0.742 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036829.D
Acq: 18 Feb 2020 12:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10699
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 34.2 51.4#

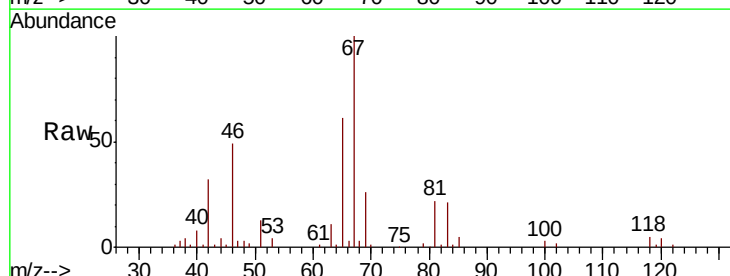


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

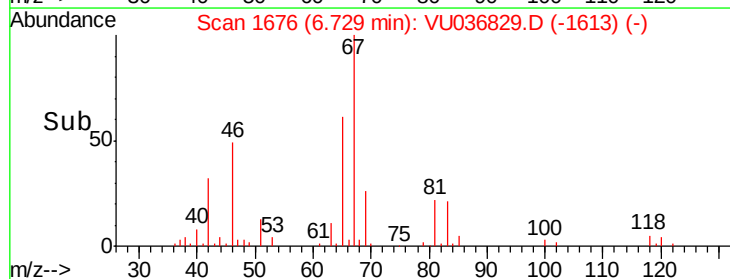
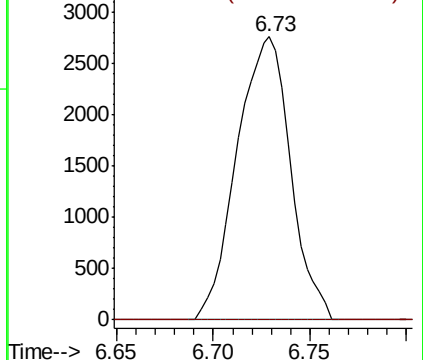


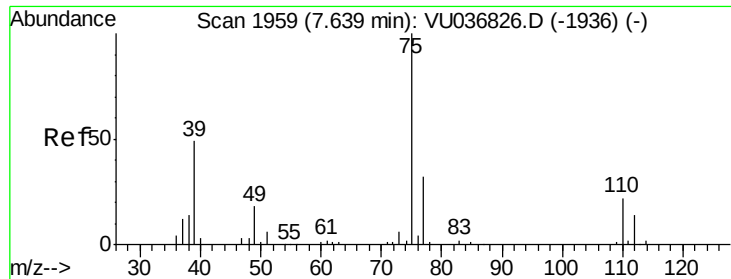
#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036829.D
Acq: 18 Feb 2020 12:22

Tgt Ion: 63 Resp: 5298
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

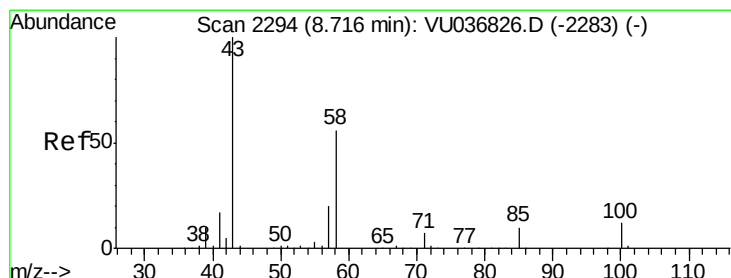
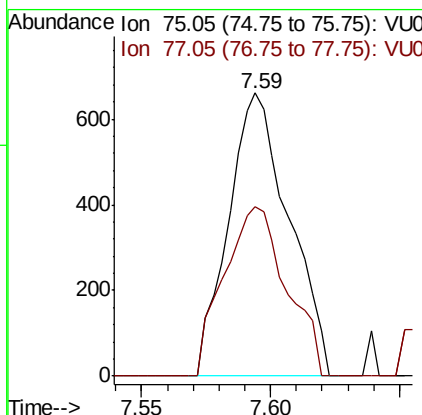
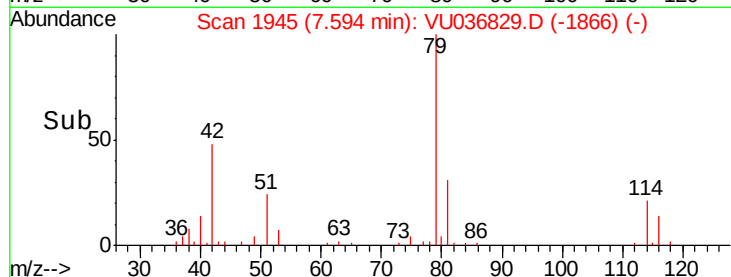
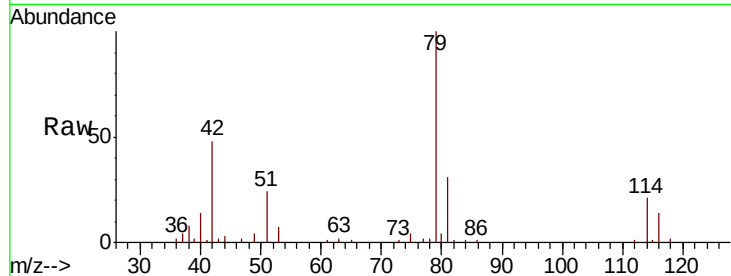




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036829.D
 Acq: 18 Feb 2020 12:22

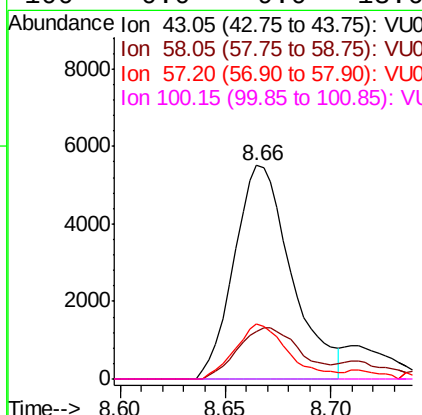
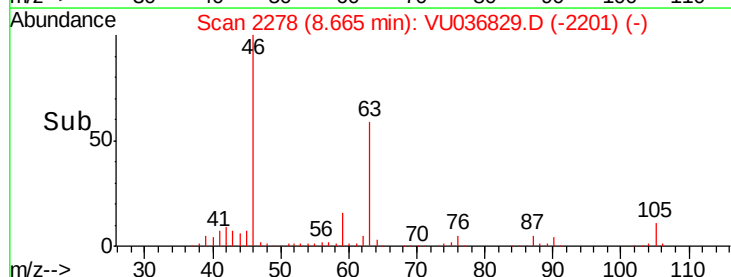
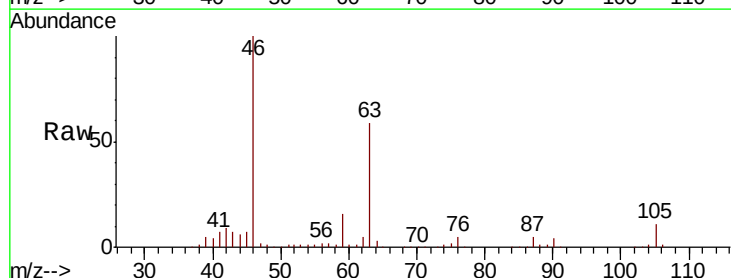
Instrument :
 MSVOA_U
 ClientSampleId :

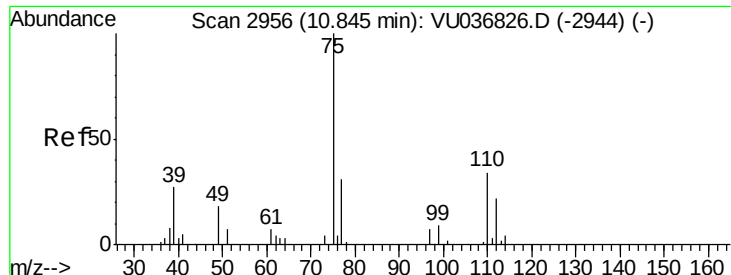
Tot Ion: 75 Resp: 1082
 Ion Ratio Lower Upper
 75 100
 77 60.1 22.5 41.9#



#48
 2-Hexanone
 Concen: 1.933 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036829.D
 Acq: 18 Feb 2020 12:22

Tgt Ion: 43 Resp: 10391
 Ion Ratio Lower Upper
 43 100
 58 26.3 43.6 65.4#
 57 23.9 15.0 22.4#
 100 0.0 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036829.D

Acq: 18 Feb 2020 12:22

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6940

Ion Ratio Lower Upper

75 100

77 35.4 25.6 38.4

